The Origins and Development of the Verwood-Type Pottery Industry

Volume 2 of 2

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Abbreviations

In Text

- DCM Dorset County Museum, Dorchester
- DFA Discriminant function analysis
- DHC Dorset History Centre
- HER Historic Environment Record
- HH Hatfield House, Hertfordshire
- MPRG Medieval (and later) Pottery Research Group
- OS Ordnance Survey
- PCA Principal Component Analysis

Pottery Fabric Abbreviations

- DWCW Developed Wessex Coarseware
- DWW Dorset Whiteware
- DWWPM Dorset Whiteware (post-medieval)
- EVER Early Verwood-type
- LAVC Laverstock Coarseware
- LAVF Laverstock Fineware
- LOPS Local Pink Sandy ware
- LMWFSW Late medieval well-fired sandy ware
- MVER Manganese-laced lead glazed Verwood-type pottery
- SHRW South Hampshire Redware
- SOUCW Southampton Coarseware
- SOUWW Southampton Whiteware
- VER Verwood-type
- VERE Verwood-type (16-17th century variant)
- WCW Wessex Coarseware
- WDSW West Dorset Sandy ware
- WDSWPM West Dorset Sandy ware (post-medieval)

Appendix I:

A Gazetteer of Verwood Pottery Production Sites

After Algar et al. 1987, Sims 1969, and Young 1979

Version 3 - December 2021

D.Carter

This gazetteer outlines the locations and current state of knowledge for all potential and known pottery production sites that can be shown to be producing ware of the Verwood tradition. The information has been gathered using records held in the Dorset Historic Environment Record as well as that contained within John Sims (1969) thesis undertaken as part of a BA Art and Ceramics degree at Farnham School of Art. This work was then furthered by the Verwood and District Potteries Trust (VDPT) who published two pamphlets on the sites, the first edition in 1979, and the second in 1987; both were written by David Algar, Tony Light, and Penny Copland-Griffiths.

Fig. I.1, below, has been taken from the 1987 edition of the VDPT pamphlet (Algar *et al.* 1987, p.21), and it represents the most recent attempt at outlining the current state of knowledge for all the then known sites. It is broken down into parishes with the approximate date of operation for each based upon various sources of information, ranging from historic maps and documentary evidence to dated sherd concentrations.



Fig. I.1: List of Verwood-type pottery sites with date ranges (taken from Algar *et al.* 1987, Fig. 13)

The following gazetteer is arranged in alphabetical order by parish, each site has been assigned a unique number based on that of the VDPT for consistency. Each record relates to one production site, with each displaying the location by national grid reference, national monument record number, type of evidence and geology at the location. Where possible an excerpt of the 1880s Ordnance Survey Map of Dorset has been included, which suggests the layout of the production site either shortly after production has ceased, or while the site was in operation; this has been attached to each relevant record. In addition, a statement has been made on the potential for further work.



Fig. I.2: All Verwood-type pottery sites ©Crown Copyright Ordnance Survey 2016. Digimap Licence



Fig. I.3: All Verwood-type pottery sites dated to the 1900s. Contains OSM data CC BY-SA 2.0



Fig. I.4: All Verwood-type pottery sites dated 1850-1899. Contains OSM data CC BY-SA 2.0



Fig. I.5: All Verwood-type pottery sites dated 1800-1849. Contains OSM data CC BY-SA 2.0



Fig. I.6: All Verwood-type pottery sites dated 1700-1799. Contains OSM data CC BY-SA 2.0



Fig. I.7: All Verwood-type pottery sites dated 1650-1699. Contains OSM data CC BY-SA 2.0







Fig. I.9: All Verwood-type pottery sites in the Alderholt Parish ©Crown Copyright Ordnance Survey 2016. Digimap Licence

ALD1 SITE NAME: Gold Oak Farm

DATE RANGE (Algar et al. 1987): 1700 – 1880s

EVIDENCE TYPE: Historic Documents and mapping

HAMLET/VILLAGE/AREA: Crendell

NGR: SU 0896 1297

NMR: SU01 SE77

SCHEDULED (Y/N - ID): No

VDPT ID (Algar et al. 1987): Alderholt kiln 1

GEOLOGY: London clay

POTENTIAL FOR FURTHER WORK(Good/Limited/Negligible/Unclear and reason for this): Limited – modern farm yard covers most of site.

YOUNG (1979) ID: N/A

INFORMATION:

On OS 1880s map.

The site was enclosed from the waste of Daggons in the seventeenth century and it is possible that Edward Kibbey and his son William may have been potting here during the second half of the seventeenth century. It was in possession of Laurence Chubb, potter, before 1710. After his death six years later his widow Margaret continued as a tenant with her sons Laurence and Edmund running the kiln until 1754, when the holding was granted to Henry West. He died in 1798 and left his business to his son Henry who had previously been working in Daggons (3 001 023). On Henry's death in 1807, James Thorn took over the tenancy and worked here until the late 1850s, when he was succeeded by James Shearing who carried on until at least 1880.



ALD2 SITE NAME: Bucks

DATE RANGE 1700 - 1850s

EVIDENCE TYPE: Historical Documents

HAMLET/VILLAGE/AREA: Crendell

NGR: SU 0889 1301

NMR: SU01 SE78

SCHEDULED: No

GEOLOGY: Reading clay

POTENTIAL FOR FURTHER WORK: Limited – modern farm yard covers most of site.

VDPT ID: Alderholt kiln 2

YOUNG (1979) ID: N/A

INFORMATION:

On tithe and old OS maps.

The earlier history of the site is obscure, though it seems likely that John Vincent and subsequently his son John were working here from 1700 until the middle of the century. James Zebedee, potter, was a tenant in 1844 and he remained until its closure in the late 1850s.



Fig. I.11 (left): 1880s OS Map showing ALD2 following closure. © 2016 Digimap Licence ALD3 NAME: None known

DATE RANGE: c. 1750 - 1810

EVIDENCE TYPE: Excavation and Historic Documents

HAMLET/VILLAGE/AREA: Crendell

NGR: SU 0873 1320

NMR: SU01 SE73

SCHEDULED: No

GEOLOGY: Reading clay

POTENTIAL FOR FURTHER WORK: Good – Area occupied small pasture field and gardens.

VDPT ID: Alderholt kiln 3

YOUNG (1979) ID: N/A

INFORMATION:

A kiln and cottage was erected on this site by James Vincent in about 1770, apparently without permission. The pottery was run by him until his death in 1810. The kiln mound still exists and the limited excavations carried out by the Salisbury Museum Archaeological Research Group in 1975 revealed the greater part of the kiln floor and flue (unpublished). The kiln belonged to the second half of the eighteenth century, but the large quantities of pottery waster sherds redeposited within the insulating mound were of an earlier date. There are no contemporary buildings surviving on the site.

ALD4 NAME: None known

DATE RANGE: 1700s - pre1840

EVIDENCE TYPE: Historic Documents

HAMLET/VILLAGE/AREA: Crendell

NGR: SU 0849 1320

NMR: SU01 SE79

SCHEDULED: No

GEOLOGY: Broadstone Sand

POTENTIAL FOR FURTHER WORK: Limited - modern farm covers most of site

VDPT ID: Alderholt kiln 4

YOUNG (1979) ID: N/A

INFORMATION:

Associated with early cottage site.

The kiln was worked by the Harvey family in the Eighteenth century. By about 1800, William and then Henry Fry had taken over the business, but it closed down before 1840. Demolished in 1950s.



ALD5 NAME: None known

DATE RANGE: 1822 - 1841

EVIDENCE TYPE: Historic documents and sherd concentration

HAMLET/VILLAGE/AREA: Daggons

NGR: SU 0933 1262

NMR: SU01 SE80

SCHEDULED: No

GEOLOGY: Broadstone Sand

POTENTIAL FOR FURTHER WORK: Good - Site lies in arable field.

VDPT ID: Alderholt kiln 5

YOUNG (1979) ID: N/A

INFORMATION:

Not present on tithe or OS maps. Enclosed from common 1822 by James Foster James' brother, Richard Foster ('Potter of Alderholt') is possibly potting here. Granted permission to demolish kiln and workshop to build barn and cart shed in 1841. ALD6 NAME: Daggons Lodge

DATE RANGE: 1736 - 1799

EVIDENCE TYPE: Historic Documents

HAMLET/VILLAGE/AREA: Daggons

NGR: SU 1004 1258

NMR: SU11 SW53

SCHEDULED: No

GEOLOGY: Broadstone Sand

POTENTIAL FOR FURTHER WORK: Limited – possibly exists in garden or fields to east of house, which has been rebuilt in 19th/early 20th century.

VDPT ID: Alderholt kiln 6

YOUNG (1979) ID: N/A

INFORMATION:

Nothing visible on tithe or early OS maps.

Held by Helliors from early 18th century. Kiln not mentioned until 1736 when William Hellior is named as a potter. In 1772 site transfers to son, William, who lets it out to Henry West. Henry West's son, Henry, continues to work here until 1799, when his father dies.

ALD7 NAME: Not Known

DATE RANGE: 1714? - 1806?

EVIDENCE TYPE: Historic Documents and sherd concentration

HAMLET/VILLAGE/AREA: Daggons

NGR: SU 0978 1243

NMR: SU01 SE81

SCHEDULED: No

GEOLOGY: Broadstone Sand

POTENTIAL FOR FURTHER WORK: Limited - Modern building and gardens heavily land-scaped

VDPT ID: Alderholt kiln 7

YOUNG (1979) ID: N/A

INFORMATION:

Not on tithe or OS maps.

Margaret, widow of Thomas Sims, potter of East Worth was granted copyhold of this site in 1714, but there is no record of a kiln there until 1734 when Stephen Bailey was in occupation. He continued potting here until 1758 or later. The neighbouring Hellior family held the lease in the 1780s but by 1794 William Roper alias Zebedee was the potter. He moved to Crendell between 1806 and 1809, so perhaps production stopped at this time.

Fields to north (other side of road) hold various names in tithe map to north noted as 'kiln ground' and 'old kiln ground' and field immediately to south listed as 'pot sherd close'.

ALD8

NAME: Pressey's Corner

DATE RANGE: 1600s - 1860s

EVIDENCE TYPE: Historic Documents, topographic evidence, watching brief.

HAMLET/VILLAGE/AREA: Alderholt Common

NGR: SU 1223 1312

NMR: SU11 SW35

SCHEDULED: No

GEOLOGY: Broadstone Sand

POTENTIAL FOR FURTHER WORK: Limited - Kiln damaged by barn construction, most of site redeveloped over time.

VDPT ID: Alderholt kiln 8

YOUNG (1979) ID: N/A

INFORMATION:

On OS 1880s map (Below), and tithe map.

The mound is tree-covered and no brickwork is visible. Some robbing of the mound material has taken place. No contemporary buildings are visible. This kiln was working from at least the seventeenth century through until the late nineteenth century. John and Samuel Henning were working at this pottery in the seventeenth and early eighteenth century, followed by, amongst others, Nicholas Francis in the 1730s and John Shearing in 1804. In 1815 John was replaced by Richard Foster who in turn was succeeded by his son Richard, the latter dying in 1841. Sporadic production continued by a number of potters for several more decades.

Kiln mound damaged by modern barn, members of VDPT undertook recording of trial pits during this.



Fig. I.13 (left): 1880s OS map extract of kiln at ALD8. © 2016 Digimap Licence ALD9 NAME: Not Known

DATE RANGE: 1600s - 1750s

EVIDENCE TYPE: Historic Documents, sherd concentration, topographic evidence?

HAMLET/VILLAGE/AREA: Alderholt Common

NGR: SU 1245 1331

NMR: SU11 SW65

SCHEDULED: No

GEOLOGY: Broadstone Sand

POTENTIAL FOR FURTHER WORK: Unclear - Possible kiln remains in garden?

VDPT ID: Alderholt kiln 9

YOUNG (1979) ID: N/A

INFORMATION:

Not on OS maps or tithe.

Site of a former pottery in Alderholt in use from the early seventeenth to the second half of the eighteenth century. The site is known from documentary sources and from a heavy concentration of waster sherds. No remains of the kiln are visible. The tenement was constructed by John Attwater in 1602 and his son, Thomas, was potting there in the 1620s. The site was owned by John Major in 1700. The later history is not known, but the kiln was finally closed during the second half of the eighteenth century.

Ann Hale was apprenticed to John Major in 1696.

Kiln mound remains partially extant in rear of garden.

ALD10 NAME: Not Known

DATE RANGE: 1600s - 1750s (possibly earlier)

EVIDENCE TYPE: Historic Documents, and sherd concentrations

HAMLET/VILLAGE/AREA: Alderholt Common

NGR: SU 1238 1324

NMR: SU11 SW66

SCHEDULED: No

GEOLOGY: Broadstone Sand

POTENTIAL FOR FURTHER WORK: Good to limited – kiln lies in field that is mostly under pasture, sometimes ploughed. Location of assoc buildings is not known – possibly lie in adjacent plot?

VDPT ID: Alderholt kiln 10

YOUNG (1979) ID: N/A

INFORMATION:

Not on OS map or tithe map.

Owned by John Major in 1700.

A magnetic survey using a Philpot DM02 fluxgate gradiometer with a Geoscan DL10 data logger, at a sample interval of one metre using three 30 x 30 metre grids was undertaken. The survey was undertaken by Cotterell in 1987 (unpublished) and only potentially discovered the kiln.

ALD11 NAME: Not Known

DATE RANGE: 18th - 1860s

EVIDENCE TYPE: Historic maps, historic documents, and topographic evidence

HAMLET/VILLAGE/AREA: Alderholt Common

NGR: SU 1247 1322

NMR: SU11 SW67

SCHEDULED: No

GEOLOGY: Broadstone Sand

POTENTIAL FOR FURTHER WORK: Negligible – Kiln under bungalow. Garden is terraced which may have affected any associated buildings.

VDPT ID: Alderholt kiln 11

YOUNG (1979) ID: N/A

INFORMATION:

Indicated on 1880s OS map as area of trees.

Operated by the Hennings 18th C, 1809 Charles Henning or his son Richard is replaced by John Viney. Tenancy taken over by William Bailey by 1841, and his son William who is potting here until the death of his father in 1860s.

Kiln has been demolished in 1950s – under a bungalow.

ALD12 NAME: Daggons Farm

DATE RANGE: 1700s - 1800s

EVIDENCE TYPE: Sherd concentration

HAMLET/VILLAGE/AREA: Daggons

NGR: SU 1020 1266

NMR: SU11 SW61

SCHEDULED: No

GEOLOGY: Broadstone Sand

POTENTIAL FOR FURTHER WORK: Unclear - exact location of site is not known.

VDPT ID: Alderholt kiln 12

YOUNG (1979) ID: N/A

INFORMATION: Possibly run by the Hellior family. EDM1 NAME: Gotham Farm

DATE RANGE: 1700s - 1780s,, and 1860s (possibly 1880s)

EVIDENCE TYPE: Historic Documents, Sherd Concentration

HAMLET/VILLAGE/AREA: Gotham

NGR: SU 0830 1129

NMR: SU01 SE74

SCHEDULED: No

GEOLOGY: London Clay

POTENTIAL FOR FURTHER WORK: Good – area occupied by gardens and pasture fields.

VDPT ID: Edmonsham Kiln 1

YOUNG (1979) ID: N/A

INFORMATION:

Thomas Lawrence, potter, 1700 until death 1737. His son – Lawrence Lawrence succeeded him.

It is believed the kiln was not worked continuously, and was probably restarted by an Esau Bailey ('brownware maker'), potting in the 1860s – who moved from Verwood where he learnt the trade.

EDM2 NAME: Toft Hill

DATE RANGE: Post-medieval

EVIDENCE TYPE: Historic Documentary reference

HAMLET/VILLAGE/AREA: Edmonsham

NGR: Location Unknown

NMR: Unknown

SCHEDULED: No

GEOLOGY: Unknown

POTENTIAL FOR FURTHER WORK: Unknown

VDPT ID: N/A

YOUNG (1979) ID: N/A

INFORMATION:

A historic Document held at Edmonsham House mentions a pottery kiln at 'Toft Hill' this place name cannot be located and relates to no modern derivation in the area.



Fig. I.14: All Verwood-type pottery sites in the Harbridge Parish ©Crown Copyright Ordnance Survey 2016. Digimap Licence

HAR1

NAME: Harbridge Green - North

DATE RANGE: 1726 - 1830s

EVIDENCE TYPE: Historic Documents, sherd concentration

HAMLET/VILLAGE/AREA: Hampshire/New Forest

NGR: SU140 110

NMR: SU11 SW54

SCHEDULED: No

GEOLOGY: Parkstone sand

POTENTIAL FOR FURTHER WORK: Good – area occupied by gardens and pasture fields.

VDPT ID: Harbridge Kiln 1

YOUNG (1979) ID: N/A

INFORMATION:

Nothing obvious relating to pottery production on OS map or tithe. Thomas Sutton was working the kiln at Harbridge Green from 1726 until he died in 1762. In the early 1800s the tenant was William Hart, the site closes in the 1830s. HAR2 NAME: Harbridge Green – South

DATE RANGE: 1700 – 1750

EVIDENCE TYPE: Sherd Concentation

HAMLET/VILLAGE/AREA: Hampshire/New Forest

NGR: SU 1414 1099

NMR: SU11 SW62

SCHEDULED: No

GEOLOGY: Parkstone sand

POTENTIAL FOR FURTHER WORK: Good - area occupied by gardens and pasture fields.

VDPT ID: Harbridge Kiln 2

YOUNG (1979) ID: N/A

INFORMATION:

Nothing obvious relating to pottery production on OS map or tithe. No other information.


Fig. I.15: All Verwood-type pottery sites in the Horton and Holt Parishes ©Crown Copyright Ordnance Survey 2016. Digimap Licence

HOL1 NAME: Linen Hill Farm

DATE RANGE: 1600 - early 1700s

EVIDENCE TYPE: Sherd Concentration

HAMLET/VILLAGE/AREA: Near Horton Tower

NGR: SU 0308 0656

NMR: SU00 NW74

SCHEDULED: No

GEOLOGY: London Clay

POTENTIAL FOR FURTHER WORK: Limited. Area built over several times, area surrounding is pasture and gardens which may yield some results.

VDPT ID: Holt Kiln 1

YOUNG (1979) ID: N/A

INFORMATION:

Nothing obvious relating to pottery production on OS map or tithe map.

One small building is shown here on the Harding 1640 map, marked as 'bryk pit'.

This site is considered to be suspect by the author as the Horton Court Survey in 1625 records the Frost family (occupying nearby HOR2) as holding clay and sand pits here on this hill. It may be likely that this area was used to dump ceramic waste material from site 2, possibly as pit in-fill–hence similar date range. HOL2 NAME: Horseshoes Farm

DATE RANGE: 1600 - early 1700s

EVIDENCE TYPE: Sherd concentration

HAMLET/VILLAGE/AREA: Chalbury/Holt

NGR: SU 0259 0623

NMR: SU00 NW75

SCHEDULED: No

GEOLOGY: London Clay

POTENTIAL FOR FURTHER WORK: Good – Pasture fields. No sign of kiln or buildings.

VDPT ID: Holt Kiln 2

YOUNG (1979) ID: N/A

INFORMATION: Nothing visible on tithe or OS maps for this site. No further information. HOL3 NAME: None Known

DATE RANGE: 1700s - 1750s

EVIDENCE TYPE: Sherd concentration, excavation.

HAMLET/VILLAGE/AREA: Chalbury/Holt

NGR: SU 0271 0624

NMR: SU00 NW67

SCHEDULED: No

GEOLOGY: London Clay

POTENTIAL FOR FURTHER WORK: Limited. Area built over several times, area surrounding is pasture which may yield some results.

VDPT ID: Holt Kiln 3

YOUNG (1979) ID: N/A

INFORMATION:

Nothing visible on tithe or OS map for this site.

Buildings are shown here on the Harding 1640 map, however owner is illegible.

The site was part of a rescue style excavation undertaken by Wharton (1985, 124-5). No finished reporting on findings identified.

HOR1 NAME: None Known

DATE RANGE: 1600s - 1711?

EVIDENCE TYPE: Historic documents, trial pits, watching brief, excavation

HAMLET/VILLAGE/AREA: Horton

NGR: SU 0316 0752

NMR: SU00 NW23

SCHEDULED: No

GEOLOGY: BGS records chalk, evaluation suggests clay

POTENTIAL FOR FURTHER WORK: Limited to negligible. Kiln was excavated, lying over two properties. Evaluation and watching brief in later years by Bournemouth archaeology showed possible in-filled clay pits to east. The Richard Harding map of 1640 shows the area was occupied by pond and stream.

VDPT ID: Horton Kiln 1

YOUNG (1979) ID: N/A

INFORMATION:

Large pond shown to east on 1880s OS and tithe (1841).

1640 Estate map lists an occupier, but it is an Illegible.

Unclear if Elias Talbot is potting here. In 1652 he is presented for digging clay on 'Haythorne Common'. His will is dated 1674, passes to his wife, Jane, and her brother, Richard Lacy. Thomas Lacy 1684 (son of Richard???) takes over, and a new lease is granted in 1701. He dies in 1711, where the documentary evidence ends for all potting in Horton village (continues within wider parish).

HOR2 NAME: 'Brickplace Copse'

DATE RANGE: 1600s - 1720s?

EVIDENCE TYPE: Historic Documents and maps, geophysical Survey, topographic survey, place name evidence, limited excavation.

HAMLET/VILLAGE/AREA: Near Horton Tower

NGR: SU 0300 0710

NMR: SU00 NW25

SCHEDULED: No

GEOLOGY: Reading/London Clay

POTENTIAL FOR FURTHER WORK: Medium – possibly never been plowed, but was certainly damaged during replacement water main works in 2018. Here, a construction compound was placed directly over the kiln without any archaeological mitigation. Later, a tile kiln was excavated near the pottery kiln (Carter In Prep).

VDPT ID: Horton Kiln 2

YOUNG (1979) ID: N/A

INFORMATION:

1616 - William Frost presented for digging clay in the Lord's Waste

1640 – Richard Harding's Estate Map for Horton shows 'Frost' at this location, with a further area to the west of Horton labelled as 'Wm Frost'.

Brick Kiln Historic Documentary Evidence as follows:

1596 - Richard Frost.

1625 – Richard Frost.

1647 – Richard Snr, Richard Jnr, William Frost.

1724 – John Cook

No mention in 1755 survey when area converted to parkland – probably out of use or removed from area for parkland when nearby tower was constructed.

Small rapid record of brick kiln created in 1976 by what would later become the VDPT, after the clearance of an area of trees called Brickplace Copse on tithe and early OS Map.

2007-8 geophysical surveys (Carter 2008) - both sides of lane were examined.

The geophysical survey suggests two brick kilns, one tile kiln, a pottery kiln, and buildings in proximity to where the kiln mound lies. This is probably a well fossilised landscape with strong evidence for a range of ceramic production.

Elias Talbot may have been potting here as he resided in Chalbury.



Fig. I.16: All Verwood-type pottery sites in the Verwood and east Horton Parishes ©Crown Copyright Ordnance Survey 2016. Digimap Licence

HOR3 NAME: None Known

DATE RANGE: 1750s - 1820s

EVIDENCE TYPE: Sherd recovery

HAMLET/VILLAGE/AREA: Verwood Outskirts

NGR: SU 0797 0846

NMR: SU00 NE69

SCHEDULED: No

GEOLOGY: Broadstone sand

POTENTIAL FOR FURTHER WORK: Negligible – Covered by modern housing. Plot has been broken up into several units.

VDPT ID: Horton Kiln 3

YOUNG (1979) ID: N/A

INFORMATION:

Not present on old edition OS maps. Layout possibly inferred from tithe – Owned by William Sherring. HOR4 NAME: Prairie Farm

DATE RANGE: 1720s - 1840s

EVIDENCE TYPE: Historic Documents, Standing Remains, Topographic evidence, Sherd recovery, trial pits.

HAMLET/VILLAGE/AREA: Verwood Outskirts

NGR: SU 0756 0849

NMR: SU00 NE69

SCHEDULED: Yes - (LEN:1002349)

GEOLOGY: Broadstone sand/clay

POTENTIAL FOR FURTHER WORK: Good - scheduled.

VDPT ID: Horton Site 4

YOUNG (1979) ID: Site 8

INFORMATION:

Indicated on 1880s OS map, not listed as pottery on tithe map.

1730 – Robert Henning moves here from Alderholt (where he learnt the trade), dies 1757. His son Richard takes over. Later in 1840 another Richard Henning (grandson of above) closes the kiln.

Cottage and Workshop are Listed Grade II (LEN:107541) since 1986.

Potters house, kiln mound, drying shed remain.

Trial pits for sherd recovery undertaken by Young (1979).



Fig. I.17 (left): HOR4 on 1880s OS Map. © 2016 Digimap Licence

HOR5 NAME: Asham

DATE RANGE: 1700 - pre-1840s

EVIDENCE TYPE: Historic Documents

HAMLET/VILLAGE/AREA: Verwood Outskirts

NGR: SU 0783 0830

NMR: SU00 NE82

SCHEDULED: No

GEOLOGY: Broadstone sand/clay

POTENTIAL FOR FURTHER WORK: Negligible – layout on mapping. Modern housing and garden landscaping covers much of site. **VDPT ID**: Horton Kiln 5

YOUNG (1979) ID: Site 9

INFORMATION:

On OS map dated 1880s (below), nothing present on tithe map.



Fig. I.18 (left): HOR5 on 1880s OS map. © 2016 Digimap Licence VER1 NAME: Burrows Farm

DATE RANGE: 1680s - 1750s

EVIDENCE TYPE: Historic Documents

HAMLET/VILLAGE/AREA: East Worth

NGR: SU 0877 1030

NMR: SU01 SE75

SCHEDULED: No

GEOLOGY: Broadstone sand

POTENTIAL FOR FURTHER WORK: Unclear – extent is not known.

VDPT ID: Verwood kiln 1

YOUNG (1979) ID: Site 10

INFORMATION:

'Barrows Farm on tithe map – listed as tithe free'. On 1880s OS map as 'Old Pottery Kiln' (below).

Unclear – Run by Sims family in 18th century.

William Henning worked either site 1 or 2 in 1750s.

Kiln mound partially survives despite partial destruction in 1970s (Algar *et al.* 1979) survey in 1997 – all destroyed – kiln under barn.



Fig. I.19 (above): VER1 at 'Barrow Farm' on 1880s OS map. © 2016 Digimap Licence

VER2 NAME: East Worth Farm

DATE RANGE: 1680s - 1750s

EVIDENCE TYPE: Sherd concentration, sherd recovery, evaluation, watching brief, limited excavation

HAMLET/VILLAGE/AREA: East Worth

NGR: SU 0834 09698

NMR: SU01 NE84

SCHEDULED: No

GEOLOGY: Broadstone sand

POTENTIAL FOR FURTHER WORK: Unclear - exact location is not known.

VDPT ID: Verwood kiln 2

YOUNG (1979) ID: Site 12

INFORMATION:

Not on tithe or OS map. Unclear – possibly run by Sims family in 18th century. William Henning worked either site 1 or 2 in 1750s.

Kiln is potentially within the bounds of the Old Granary residential dwelling or close to Eastworth Farm.

Watching brief (Copland-Griffiths 1996).

Evaluation in 2016 as part of planning application to north, east and south (see Garner 2016) found only evidence for post-medeival pottery waste.

Excavation in 2019/2020 as part of mitigation works for aforesaid planning application (Carter 2021b), found more evidence for pottery production but no kiln. Kiln possibly lies in the plot of The Old Granary (not excavated).

VER3 NAME: Crossroads

DATE RANGE: 1840s - 1952

EVIDENCE TYPE: Standing remains, historic documents, interviews, excavation, photographic.

HAMLET/VILLAGE/AREA: Verwood Town

NGR: SU 0863 0909

NMR: SU00 NE81

SCHEDULED: No

GEOLOGY: Broadstone clay

POTENTIAL FOR FURTHER WORK: Negligible- Most of site removed by modern shops. Site layout on mapping.

VDPT ID: Verwood Kiln 3

YOUNG (1979) ID: Site 1

INFORMATION:

Present on tithe map through to 1950s mapping. Martin Hammond drew detailed plan in early 2000s.

Pre-1847 Robert Shearing, tenant.

1880 -1900's held by Ferret family. Fred Fry operates kiln until 1920 when sold to Robert Thorne, timber merchant. 1925 work ceases/ shut down. Restarted by Roberts son, Horace – 1927, managed by Mesheck Sims.

Replaced by Herbert Bailey in 1940, who remained manager until the end. Under Herbert Bailey – large diversification with new lines: such as perfume bricks, flower baskets etc. 1948-50 Gertrude Gilham, from Poole Pottery employed for 18 months - leaves after a falling out with the Thorne family.

Additional: Excavation here and at Potters Wheel Car Park – AC archaeology (forthcoming). Various photos and a site plan exist.

Sims (1969, 38) notes: "it is extremely fortunate that this pottery survived to such a late date as otherwise we would know far less about the methods than we do' …'while the range of ware had been modified to meet different demands, the technique for producing it remained exactly the same. While one can never be certain, there is no reason to believe that the techniques employed in Alderholt in 1503."



Fig. I.20 (above): Crossroads (VER3) shown on 1880s OS map. © 2016 Digimap Licence



Fig. I.21 (above): Crossroads (VER3) shown on 1901 OS Map. © 2016 Digimap Licence

VER4 NAME: Black Hill - Moor Lodge

DATE RANGE: 1840s - 1914

EVIDENCE TYPE: Watching brief, topographic evidence, historic documents and historic mapping

HAMLET/VILLAGE/AREA: Black Hills

NGR: SU 0947 0882

NMR: SU00 NE73

SCHEDULED: No

GEOLOGY: Broadstone clay

POTENTIAL FOR FURTHER WORK: Negligible- Most of site removed by modern housing. Site layout on mapping.

VDPT ID: Verwood kiln 4

YOUNG (1979) ID: Site 4

INFORMATION:

Present on OS map 1880s and 1910.

James Bailey tenant in 1847. Samuel Bailey follows from 1885 until 1914. Mound destroyed in 1984, following a watching brief and rescue excavation by VDPT (not published), only photos remain (held by Priest House Museum).



VER5 NAME: Purbeck House

DATE RANGE: 1880s - 1914

EVIDENCE TYPE: Historic documents and historic mapping.

HAMLET/VILLAGE/AREA: Black Hills

NGR: SU 0941 0874

NMR: SU00 NE74

SCHEDULED: No

GEOLOGY: Broadstone clay

POTENTIAL FOR FURTHER WORK: Negligible - Most of site removed by modern housing. Site layout on mapping.

VDPT ID: Verwood kiln 5

YOUNG (1979) ID: Site 3

INFORMATION:

On 1880s and 1910 OS maps. Run by Seth Sims late 19th century, continues until the outbreak of WW1. Additional: Kiln mound survived until 1964 (Algar *et al.* 1979).



Fig. I.23 (above): VER5 on 1880s OS map. © 2016 Digimap Licence

VER6 NAME: None Known

DATE RANGE: 1880s - 1907

EVIDENCE TYPE: Historic documents and historic mapping.

HAMLET/VILLAGE/AREA: Black Hills

NGR: SU 0934 0876

NMR: SU00 NE83

SCHEDULED: No

GEOLOGY: Broadstone clay

POTENTIAL FOR FURTHER WORK: Negligible – Site covered by modern housing. Site layout on mapping.

VDPT ID: Verwood kiln 7

YOUNG (1979) ID: Site 2

INFORMATION:

On 1880s OS map and tithe map. Robert Sims working late 19th century. Closes 1907, partly built over in 1950s. Most likely heavily damaged as now under industrial estate. Cottage remains (Algar *et al.* 1979).



Fig. I.24 (above): VER6 on 1880s OS map. © 2016 Digimap Licence

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VER7 NAME: None known

DATE RANGE: 1840s - 1910

EVIDENCE TYPE: Historic documents, historic mapping

HAMLET/VILLAGE/AREA:

NGR: SU 0866 0827

NMR: SU00 NE75

SCHEDULED: No

GEOLOGY: Parkstone Sand

POTENTIAL FOR FURTHER WORK: Negligible – most of site under modern housing. Site layout on mapping.

VDPT ID: Verwood kiln 7

YOUNG (1979) ID: Site 5

INFORMATION:

On 1880s (below) and 1901 OS maps and tithe map.

Run by the Baileys. Thomas owner/occupier in 1840s, succeeded his father, James? Late 19th century Fredrick Sims taken over, works until 1910. Destroyed between 1910 and 1938.



Fig. I.25 (above): VER7 on 1880s OS map. © 2016 Digimap Licence

VER8 NAME: Potterne Hill (West)

DATE RANGE: 1700s - 1800s

EVIDENCE TYPE: Place Name, topographic evidence, sherd concentration

HAMLET/VILLAGE/AREA:

NGR: SU 0908 0773

NMR: SU00 NE77

SCHEDULED: No

GEOLOGY: Broadstone clay/sand

POTENTIAL FOR FURTHER WORK: Good – Kiln appears to have survived as a low mound feature – no clear sign of associated buildings.

VDPT ID: Verwood kiln 8

YOUNG (1979) ID: N/A

INFORMATION:

Nothing shown on tithe or OS map. Field opposite is named shop plot on tithe. Lies immediately east of Potterne Hill, and southeast of Claylake copse.

VER9 NAME: Sandleholme

DATE RANGE: 1840s - 1907

EVIDENCE TYPE: Historic Documents, historic mapping, standing remains, topographic evidence, trial pits.

HAMLET/VILLAGE/AREA:

NGR: SU 0796 0827

NMR: SU00 NE66

SCHEDULED: Yes (LEN:1002348)

GEOLOGY: Broadstone clay

POTENTIAL FOR FURTHER WORK: Good (scheduled)

VDPT ID: Verwood kiln 9

YOUNG (1979) ID: Site 7

INFORMATION:

On 1880s OS map (below) and tithe map.

Henry Andrews owner/occupier in 1840s. Dies c.1860, son Stephen continues to work here. His son, Job, takes over in 1885, kiln ceases in 1907.

Potentially well-preserved site with kiln mound 20m in diameter and 3m high. Surviving buildings, another mound was identified on 1880s OS map, but has since been demolished. Young undertook and exploratory trench on north side of kiln mound in the 1970s.



Fig. I.26 (above): VER9 on 1880s OS map. © 2016 Digimap Licence

VER10

NAME: Dewlands Common (East)

DATE RANGE: 1840s - 1875

EVIDENCE TYPE: Historic Documents and historic mapping

HAMLET/VILLAGE/AREA:

NGR: SU 0824 0857

NMR: SU00 NE76

SCHEDULED: No

GEOLOGY: Broadstone sand member

POTENTIAL FOR FURTHER WORK: Negligible – Most of site removed by modern housing, site layout on mapping.

VDPT ID: Verwood Kiln 10

YOUNG (1979) ID: Site 6

INFORMATION:

On 1880s OS map (below) and tithe map.

Run by Shearings family. 1840s Henry takes over from Joseph, and continues until closure between 1850-75. Evaluation in Dewlands Way in 1994-5, near to site recorded a possible sand pit with wasters (NMR: SU00NE85/ Located at SU08150856).



Fig. I.27 (above): VER9 on 1880s OS map. © 2016 Digimap Licance

VER11 NAME: Dewlands Common (West)

DATE RANGE: 1700s - 1850-80s

EVIDENCE TYPE: Historic mapping

HAMLET/VILLAGE/AREA:

NGR: SU 0779 0857

NMR: SU00 NE78 + SU00 NE80

SCHEDULED: No

GEOLOGY: Broadstone sand member

POTENTIAL FOR FURTHER WORK: Negligible – Most of site removed by modern housing, site layout on mapping.

VDPT ID: Verwood Kiln 11

YOUNG (1979) ID: N/A

INFORMATION:

On 1880s OS map (below) and tithe map.



Fig. I.28 (above): VER9 on 1880s OS map. © 2016 Digimap Licance

VER12 NAME: Verwood Farm

DATE RANGE: 1700s - 1750s

EVIDENCE TYPE: Sherd Concentration

HAMLET/VILLAGE/AREA:

NGR: SU 0815 0802

NMR: SU00 NE79

SCHEDULED: No

GEOLOGY: Broadstone clay

POTENTIAL FOR FURTHER WORK: Unclear – Only large pond present - possibly old clay pit?

VDPT ID: Verwood Kiln 12

YOUNG (1979) ID: N/A

INFORMATION: Not on any OS or tithe map. VER13 NAME: Ebblake

DATE RANGE: 1600s - 1700s

EVIDENCE TYPE: Excavation, geophysical and topographic survey

HAMLET/VILLAGE/AREA:

NGR: SU 1028 0776

NMR: SU10 36

SCHEDULED: No

GEOLOGY: Broadstone clay

POTENTIAL FOR FURTHER WORK: Negligible – now occupied by industrial buildings and kiln was excavated.

VDPT ID: N/A

YOUNG (1979) ID: N/A

INFORMATION:

Excavation of the remains of a demolished kiln led by Alan Graham in 1997 for VDPT this followed on from trial trenching, topographic survey and a magnetometer survey (undertaken by Bournemouth University in 1997). This has not yet been published as the pottery is yet to be sorted, identified and quantified.

Not on tithe or OS mapping.

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Appendix II: An Archaeological Desk-Based Assessment of Medieval to Early Post-Medieval Later Pottery Production Sites in East Dorset and West Hampshire:

Part One – Dorset Parishes and Part Two – Hampshire Parishes

Version 2 – December 2018

D.Carter

Summary

A rural 'country' pottery industry has been in operation in east Dorset and west Hampshire from the medieval period into the mid-20th century. The industry comprised a major element in the economic and social history of the area, the significance of which, has been highlighted by numerous local historians, and archaeologists, from the 1950s onwards. This industry ended production in the Verwood area, thus has carried the name of the 'Verwood pottery industry' since the 1970s.

All but two of a total of 38 post-medieval and early modern pottery production sites (Algar *et al.* 1987) lie within east Dorset, with the remaining sites lying within west Hampshire. The majority of these sites lie within the modern parish boundaries of Verwood and Alderholt, Dorset.

The aforementioned areas have been heavily affected by development from the 1970s which increased rising exponentially over time. Numerous sites, such as that at Ebblake - Verwood, have only been identified as part of rescue excavations undertaken during, or prior to, development. Most significantly, the towns of Verwood and Alderholt contain the highest concentration of pottery production sites, it is these urban centres which have seen rapid residential and commercial expansion.

The potential origins of this pottery industry remain shrouded in mystery. This applies to both locations of early production, also in addition to the reasons behind the appearance of the industry. It is likely that the presence of the Reading and London clay beds, the occurrence of large areas of managed woodland and heathlands, and the low carrying capacity of the land in regard to agriculture, have all played a role in the establishment of pottery production in this area. Historic documents relating to the Alderholt area suggest pottery production as far back as the 14th century (Sims 1969; Alger *et al.* 1979; 1987), and it is this that has led researchers to believe that the beginnings of the Verwood pottery industry originated here, during the medieval period.

Two important studies have charted the positions and distribution of pottery production sites across this area. The first was undertaken in 1969 by John Sims for the Farnham School of Art, the second, which built upon the former, was undertaken by the now defunct Verwood and District Potteries Trust (VDPT), who outlined their results in two pamphlets the first in 1979 and an updated edition in 1987. Following these, there has been little attempt collate and present the data; this would help illustrate the broad picture of what is known of the industry, in addition to clarifying the information inferred from place name and documentary evidence. Draper and Copland-Griffiths (2002) provides an exceptional overview into various industries including pottery production - alongside numerous aspects of everyday life in general across east Dorset; however, while useful in raising awareness of the pottery industry, the work contributed little in expanding our knowledge of the origins of the industry.

The results of the DBA reveal that the parishes of Alderholt, Cranborne and Verwood contain the most evidence for medieval and early post-medieval pottery manufacture. Those of lower importance include Damerham and Horton. These areas should be considered for further archaeological investigation, with the aim of increasing our understanding of past-pottery production along the east Dorset/west Hampshire border.

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Contents of DBA

Abbreviations

AONB - Area of Outstanding Natural Beauty (government designation)

- DHC Dorset History Centre
- **DHER** Dorset Historic Environment Record
- DRS Dorset Record Society
- HHER Hampshire Historic Environment Record
- LEN List Entry Number
- **OS Maps** Ordnance Survey Maps
- **REF** Reference Number
- UID Unique Identification Number for Scheduled Ancient Monument
- **VDPT** Verwood and District Potteries Trust
- VCH Victoria County History

1. Introduction

This document outlines the evidence for, and the significance of, numerous pottery production sites within east Dorset and west Hampshire, forming part of a study towards a doctoral thesis in archaeology, undertaken at Bournemouth University. This document has been designed to be read without the completed thesis, but a broader picture is provided within that document. It is anticipated that upon completion of the study, this document will be submitted to the relevant HER service, to enable future archaeological research and allow archaeologists in the planning sector to gain a greater understanding of past pottery production in the region and to tailor their efforts and responses accordingly. In essence, an amount of the evidence outlined here may have also been included, in less depth, within the relevant thesis document.

This document has two parts; the first covers the relevant parishes of east Dorset, while the second covers the relevant parishes of west Hampshire.

The study concentrates on the medieval and early post-medieval (Tudor into Stuart) periods up to c.AD1650; although, later evidence has been outlined where appropriate to highlight the importance, historic character and economic nature of given areas. The bulk of evidence for pottery production in this region is dated firmly to the mid post-medieval period and later (post-1650), and therefore this study seeks to ascertain avenues of future investigation and aims to further current understanding of pottery production during the medieval and early post-medieval periods.

For ease and consistency, the study employs the following date ranges taken from Historic England (2018), which is a recognised standard within the Heritage Industry (reproduced in Table II.1).

Period	Description	Start date (year AD)	End date (year AD)	Attributed to broad period description
Roman	Traditionally begins with the Roman invasion in 43AD and ends with the emperor Honorius directing Britain to see to its own defence in 410AD.	410	N/A	
Early Medieval	This dates from the breakdown of Roman rule in Britain to the Norman invasion in 1066 and is to be used for monuments of post Roman, Saxon and Viking date.	410	1066	N/A
Medieval	The Medieval period or Middle Ages begins with the Norman invasion and ends with the dissolution of the monasteries.	1066	1540	N/A
Post- medieval	Begins with the dissolution of the monasteries and ends with the death of Queen Victoria. Use more specific period where known.	1540	1901	N/A
Tudor	Dating to the reign of the Tudor monarchs. 1485			Post- medieval
Elizabethan	Dating to the reign of Elizabeth 1st of England.	1558	1603	Post- medieval
Jacobean	Dating to the reign of James I of England (VI of Scotland).	1603	1625	Post- medieval
Stuart	Dating to the reign of the Stuart kings of England 1603 1714 P (including the Commonwealth inter-regnum).		Post- medieval	
Hanoverian	an Dating to the reign of the Hanoverian kings of Great 1714 1837 Britain.		1837	Post- medieval
Victorian	Dating to the reign of Queen Victoria of Great Britain.	1837	1901	Early Modern
Modern	Previously recorded as 'Modern'.	1901	2000	20th Century

Table II.1: Time Period by Years AD (after Historic England 2018)

The region of east Dorset and west Hampshire has an extended history for pottery production. The first signs of any organised expansive industry take the form of the Romano-British New Forest-type wares (Sumner 1927 and Fulford 2000). Subsequently, there appears to be a hiatus in terms of any obvious organised pottery industry, along with minimal evidence for pottery production as a whole; this implies a cessation of production until the early medieval period. The evidence of this data comprises a solitary pottery pit kiln identified at Michelmersh (north of Romsey - Mepham and Brown 2007), with no other known contemporaneous production source in close vicinity. One notable pottery assemblage recovered from Penny's Farm, Cranborne, Dorset, (Bellamy 2001) contains pottery dating from the 12th century, which is visually, and chemically similar to that being produced at Laverstock, Salisbury (Musty et al. 1969). This has been demonstrated by the recovery of sherds datable to this period from excavations, which - based on the presence of certain inclusions within the pottery - have potential to originate from the clay bands of the east Dorset/west Hampshire region; although further work is required to confirm this. Sherds of this nature have been recovered from numerous areas, most notably from modern construction work in cities such as Salisbury (Mepham 2000), and Southampton (Brown 2002), as well as those discovered more locally at Wimborne (Coe and Hawkes 1991) and Poole (Horsey 1992).

Spoerry and Hart (1989) have already outlined areas on the Dorset – Hampshire border, extending down to the Purbecks. They have summarised the following from their recovered evidence:

"South and East of the dip-slope of the chalk massif lie the 'acid heathlands' that extend into the New Forest and beyond. At the interface of these two natural zones outcrop the Reading Beds and London Clay in bands ranging from tens of metres, to four kilometres, across. This area has provided the natural basis for ceramic manufacture over many centuries, especially in the far east of the county between Wimborne and Fordingbridge, where abundant supplies of water and fuel are also available. These natural raw materials formed the basis for the Verwood and district industry (Young 1979, Algar el al. 1987), which lasted from at least the 14th century until the 1950s. It is evident ... that there is an abundance of information concerning the post-medieval industry in this area. Some references to medieval production have also been located and it is surely only a matter of time before some of these early sites come to light. By tracing the extent of the Reading Beds and Oxford Clays... an almost continuous ribbon of documentary and other evidence for ceramic production is apparent... It is surely no coincidence that so many vague medieval references that relate to ceramic production appear for parishes on this arc" (Spoerry and Hart 1989, p.35).

2. Project Background

Overall the county of Dorset contains relatively little evidence for medieval and early postmedieval (AD1000 - 1600) pottery production (Spoerry and Hart 1989), when compared to that of surrounding regions such as Somerset, Hampshire, Wiltshire, and Devon (Table II.2).

The mass of pottery sherds that might be attributed to the various regions of Dorset provide a stark reminder that, as of 2018, only two medieval pottery kilns have been excavated and published (Field and Musty 1966; Milward 2017). In contrast, east Dorset contains a wealth of information which relates to pottery production from the post-medieval period onwards.

From the 17th century into the mid-20th century, a rural 'country' pottery industry operated in east Dorset and west Hampshire; this formed a major element in the economic and social history of the area. The pottery from this industry is commonly known as 'Verwood-type' ware, named for the last production centre in operation centred in Verwood, Dorset. The distribution of products created by this industry is thought to cover a vast area of southern Britain, encompassing the majority of Dorset, most of Hampshire and southern Wiltshire. Medieval origins for the industry are suggested via the presence of historical documentary evidence, in the Alderholt area, which dates to the 14th century (Algar *et al.* 1979; 1987). However, no physical archaeological evidence, beyond the recovery of sherds, has yet been located to corroborate this. As a result, a search for evidence relating to the medieval precursor to the Verwood industry may yield results, as it is the most well understood postmedieval pottery industry in Dorset.

Initially the first in-depth study of the Verwood potteries was undertaken by John Sims in 1969, on behalf of the Farnham School of Art. This work was built upon by the Verwood and District Potteries Trust, which was created in the late 1970s in response to the vast numbers of pottery sherds of unknown origin being recovered from the Salisbury area during the construction of the Salisbury ring road. The Trust aimed to investigate and record the locations of production sites, as well as establishing their date range and geographical

extent. Vast amounts of information were recorded from the last operating potteries via interviews with surviving employees and local inhabitants, along with examinations of photographs, historic documents and maps; this wealth of information was synthesised and presented in a pamphlet (Algar *et al.* 1979; 1987). This, coupled with small scale archaeological investigations on a number of production sites, provide the backbone of our knowledge of the post-medieval phase of operation for this pottery industry. As yet, only one of these investigations has been analysed and published – that of Horton (Copland-Griffiths 1990; and Copland-Griffiths and Butterworth 1991).

Table II.2: Outline of Known and Postulated Medieval/Early Post-Medieval Pottery Production Evidence from Selected Counties of Southern and South West England

County	No. of excavated centres	List of excavated sites/pottery waste	No. of centres from other sources	List of those hypothesised from other sources – (direct documentary reference, chemical analysis/thin section confirmation - etc.)	Total
Devon	4	Barnstaple (Morris 2018), Exeter – St John's Hospital (Dunning and Fox 1951; 1957) - Goldsmith Street (Allan 1984, 136-8), Hemyock (Smart 2018).	6	Bideford (Grant 2005), Bere Ferrers, Clayhydon, Plympton, Honiton and Totnes (Allan 2015; Allan <i>et al.</i> 2018)	10
Dorset	3	Hermitage (Field and Musty 1966), Shaftesbury (Carew 2008), Wareham (Milward 2017).	1	Alderholt (Spoerry and Hart 1989*) */While other potential centres are mentioned only those that the authors considered of Level Three evidence and above are considered here.	4
Hampshire and the Isle of Wight	10	Aldershot (Jervis 2011b), Bentley [Alton] (Barton and Brears 1976), Farnborough (Pearce 2007), Hawkley (Jervis 2011b), Knighton [IOW] (Fennelly 1969), Michelmersh (Mepham and Brown 2007), Newport [IOW] (HER:EWI236, Michaels 2004) Southampton - High Street (Webster and Cherry 1972; Brown 2002. York Buildings (SOU175, HER:MSH1106), Totton (HHER:25722).	3	Boarhunt (Whinney 1981), Damerham (Le Patourel 1968), Winchester (Biddle and Barclay 1974)	13
Somerset, Bath and Bristol	6	Bristol - Ham Green (Barton 1963a; Ponsford 1991) Redcliffe (Wilson and Moorhouse 1971; Ponsford and Dawson 2018), St Thomas Street (Jackson 2004), St Peter (Dawson et al. 1972) Donyatt (Coleman-Smith and Pearson 1988), Glastonbury (C. and N. Hollingrake Pers. Comm.),	8	Batcombe (Allan et al. 2018), Blackdown Hills (Allan et al. 2010; Allan et al. 2018), Bridgwater (Allan et al. 2018), Butleigh (Allan et al. 2018), Crowcombe (Allan et al. 2010), Evercreech (Allan et al. 2018), Milverton (Allan et al. 2018), Nether Stowey (Le Patourell 1968; Allan et al. 2018).	14
Wiltshire	7	Calne – Spey Park (AC Archaeology, unpublished), Salisbury (Algar and Saunders 2014), Lacock - Naish Hill (Musty 1974, 63), Laverstock (Musty et al. 1969, inc. West Grimstead), Crockerton (Le Patourel 1968), Lyneham (Marter and Gerrard 2003), Minety (Musty 1973).	6	Westbury – Domesday Reference, Coombe (Marter and Gerrard 2003), Longbridge Deverill (as previous), Mildenhall (as previous), Potterne (as previous), Wootton Bassett (as previous).	13

This document collates all the data accumulated by past investigations and research, along with any new evidence held by a variety of sources. There are no known documents pertaining to west Hampshire pottery production (at Harbridge) dating prior to the 1720s (Algar *et al.* 1979; 1987), while the evidence for production in east Dorset dates from the 14th century. Outside the area of this study, however, it is worthy of note that an area of
13th-14th century pottery wasters was identified near Totton/Marchwood, during construction of the bypass (HHER: 25722). This highlights that medieval pottery production is known to occur in areas away from the London and Reading clay beds near to the east Dorset and west Hampshire border.

Following the closure of the Trust in the late 2000s, there has been reduced monitoring of both known and existing production sites as a whole, with groundworks and development on sites often going unmonitored (*e.g.* Alderholt kiln 10 in 2016-7; Horton kiln 2 in 2018). However, thankfully two of the sites are scheduled - Cracked Pot Cottage (formerly Prairie Farm), Verwood (UID: DO 858); and Sandleholme, Verwood (UID: DO 857).

3. Aims and Objectives

It is the aim of this document to present the available evidence that highlights potential location, date, extent, and significance of sites of pottery production in parishes on the east Dorset and west Hampshire border. In particular, the assessment focuses on those centres producing coarse earthenwares between the medieval and post-medieval periods. While the production of pottery is also evidenced in this region during the Romano-British period, this remains outside the sphere of discussion for this document.

4. Scope and Methodology

This assessment outlines the results of searches of the following datasets:

- Dorset and Hampshire Historic Environment Records (hereafter D- or HHER);
- National Monuments Records (NMR);
- Historic England's Pastscape;
- The Archaeology Data Service (ADS);
- Information from published sources;
- Information recovered from unpublished sources such as that held either by the Museum of East Dorset (MED), Wimborne Minster, Dorset; or within archives held by individuals formerly of the Verwood and District Potteries Trust (VDPT), with their permission;
- Airborne Light Detection and Ranging (LiDAR) data, held by the Environment Agency.

In addition, this assessment employs documents and historic maps held by local record offices, such as the Dorset History Centre, the Hampshire Record Office, and the Wiltshire and Swindon History Centre.

Vertical aerial images held by the Historic England archive at Swindon have not been examined as pottery production sites tend to be relatively small areas, with the most distinguishing features being the pottery kilns themselves. With this in mind, kilns may be present as soil marks rather than parch marks within ploughed fields; however, arable farming is not widespread in this region, thus the majority of fields of interest are under pasture.

Privately held archives such as those at Crichel House, Dorset and Hatfield House, Hertfordshire may need to be addressed to provide a more comprehensive and complete investigation, but a combination of costs and permissions have prevented their inclusion within this document. Furthermore, where certain additional references have been discovered but not examined for whatever reason there presence has been noted in the relevant section to aid future investigations.

All known pottery production sites within east Dorset and the immediate Hampshire/Dorset border are of post-medieval and later date. The locations of all these known sites are shown within a gazetteer (presented in Appendix I of the thesis). From this, it is apparent that the earlier sites of operation, at least those used during the post-medieval period, reside on the outskirts of villages and hamlets - likely on areas of waste ground. Over time, the industry appears to migrate towards the Verwood area, and may have contributed to the formation of the area we know today as the modern town. This is evidenced by the locations of 'Verwood-type' production sites from the 1800s onwards. The distribution of all known sites is shown in relation to buried geology in Fig. II.1; it is noteworthy that the earliest sites - those found within Horton and Holt, Alderholt, and East Worth - Verwood, all lie on, or immediately adjacent to, the London and Reading clay beds. This implies that the nearby presence of clay is a strong deciding factor in the siting of pottery production sites, in addition to the presence of vast areas of woodland within the region, which has potential to be of greater importance due to the quantity of fuel required for both the firing and drying of prepared pottery.

For ease of reference, the post-medieval known sites will be referred to by a unique site code. Each code comprises the first three letters of the parish, with the subsequent number being the order of discovery (as shown in Appendix I of the thesis); for continuity, the numbering system directly relates to that outlined by Algar *et al.* (1979; 1987).

Numerous extractions pits have been identified on historic mapping - the majority of these are labelled on early OS maps. Earlier mapping does not tend to identify the cause of the disturbance to the ground surface, thus it can often be difficult to discern what is being represented on mapping without the use of hachures as in later OS maps. Where potential quarrying has been identified, geological mapping has been employed to aid in informing the interpretation of the possible cause of extraction, but caution must be exercised as there is a low degree of accuracy in the geological mapping at the local level. In terms of pottery production, the presence of clay and sand pits might have been the sites of raw materials extraction and may have been employed within the creation of past pottery production. The presence of gravel pits may also have a link to pottery production as gravels may occur both with and within bands of clay, which may have been used for pottery production; despite this the presence of gravel pits alone, should not be attributed directly to ceramic production.



Fig. II.1: Known Verwood-type pottery sites in relation to buried geology

5. Study Area

The area covered by this study, lies within the bounds of east Dorset, and west Hampshire; the majority of parishes lie close to the Hampshire/Dorset border. This includes 22 parishes across two counties (see Table II.3), as defined by the Ordnance Survey (OS Open Data 2017); these comprise an area of some 340km² (see Fig. II.2).



Copyright - Stamen Watercolour/OSM

Fig. II.2: Parishes examined as part of the DBA (numbered in Table II.3). Map tiles by Stamen Design, under CC BY 3.0. Data by OpenStreetMap, under CC BY SA

Particular attention has been paid to those parishes that contain known evidence for postmedeival pottery production dating to the post-medieval period, such as Alderholt; Edmonsham; Ellingham, Harbridge and Ibsley; Horton and Holt; and Verwood.

The bulk of the parishes that are covered by this study were formerly part of the Cranborne Chase hunting ground (see Cranborne Parish). The modern AONB carries only the name of the Chase, rather than encompassing the entire area of the former hunting ground; this contemporary designation appears to favour the prehistoric downs, and large agricultural Country Estates in the north while relatively ignoring the industries and heathlands that lie within the former 'outer bounds' of the original Chase, such as the parishes of Alderholt and Horton. At least four of the former medieval deer parks that formed a major part of the character of the Chase, lie outside of the bounds of the modern AONB boundary (*i.e.* Alderholt and two in Holt). The current boundary of the AONB (as of December 2018) absorbs the entire parish of Damerham, crosses roughly through the middle of the parishes of Cranborne (which provides the designation area with its name), Edmondsham, Wimborne St Giles, Woodlands, Chalbury, Hinton and Pamphill. Only small portions of the parishes of Horton and Holt lie within the designation.

Due to the size of the assessment and the amount of evidence and data being considered the document has been split into two parts. Part one contains all information relevant to the county of Dorset, with Part two outlining all information relevant to Hampshire. It is the intention that each segment will be submitted to the relevant county HER service allowing the information to be employed as those curatorial bodies best see fit.

ID	Parish	County
1	Alderholt	Dorset
2	Chalbury	Dorset
3	Colehill	Dorset
4	Cranborne	Dorset
5	Damerham	Hampshire
6	Edmondsham	Dorset
7	Ellingham, Harbridge and Ibsley	Hampshire
8	Fordingbridge	Hampshire
9	Gussage All Saints	Dorset
10	Hinton (Parva and Martell)	Dorset
11	Holt	Dorset
12	Horton	Dorset
13	Hyde	Hampshire
14	Pamphill	Dorset
15	Ringwood	Hampshire
16	Sandleheath	Hampshire
17	St Leonards and St Ives	Dorset
18	Verwood	Dorset
19	West Moors	Dorset
20	Wimborne Minster	Dorset
21	Wimborne St Giles	Dorset
22	Woodlands	Dorset

Table II.3: Parishes Included in this Assessment

All parishes selected for the assessment share a border with those that contain physical evidence for post-medieval pottery production, creating wares that can be attributed to the Verwood-type ceramic tradition. The parishes of Frogham, Burley, Minstead, and Bramshaw, Hampshire along with Ferndown, Dorset have not been included as they are considered to lie too distant from the Reading and London clay beds; these appear to be one of the locational factors relating to pottery production along the east Dorset/west Hampshire border. The decision to exclude these parishes was based on a similarly situated parish – that of St Leonards and St Ives - which the assessment demonstrates contains no relevant evidence. The parishes of Crichel and Witchampton, Dorset, have not been included in this study, although future investigations here may prove fruitful due to the presence of medieval settlement within both parishes; the distance of these parishes from the aforementioned clay beds was a predominant factor in this decision.

6. Significance for Further Work

To rate the significance of a site or area in relation to the search for potential locations and production sites that are operating at an early date, a point system has been created to determine areas of high potential from those of lesser consequence. This is outlined in Table II.4; and the results of each assessed region will be outlined in the discussion section of the document.

Sites shown to have a value of four points or above will be selected for further study and field work as part of the overall PhD thesis.

The assessment outlines various elements of medieval settlement and activity for the region, as this aids in the understanding of past land-use this may aid in the interpretation of various aspects of rural medieval/post-medieval life, economy and ceramic production, across east Dorset and west Hampshire.

Number of Points	Criteria/Eligibility	Criteria ID
3	Historic documentary reference relating to a parish that refers to: potting, a potter(s), clay or sand extraction for potting, purchase of, or mention of the taking/leaving of wood or lead by a known/named potter(s). This must date prior to AD1600s to be eligible, and the presence of a single reference will have the same significance as numerous references for the same area.	A
3	The recovery of 'wasters' as defined by (Rice 2015) that can be dated to prior to the 17th century. The wasters must be in a medieval, late medieval, or early post-medieval fabric, similar to that defined by Mepham (2000) and Brown (2002).	В
2	An archaeological investigation suggesting the presence of an undated kiln.	С
2	Any sites highlighted by either the VDPT in Algar <i>et al.</i> (1987) or Sims (1969) as dating to, or prior to the 17th century.	D
1	Potential place name evidence alluding to pottery taking place, or a potter being present, as outlined by Le Patourell (1968).	E
1	A surname name being recorded within the parish, either referring or alluding to potting or a process involved in potting. These must date prior to the 14th century, as outlined by Le Patourell (1968).	F
1	Mention of place/parish in doomsday survey of AD1086. This survey lists the majority of settlements present at this time in England, and is of use to a study of this type, as some settlements, which might have created pottery could be listed within it. References to pottery production itself within the survey is extremely rare, and it is unlikely to be mentioned directly for the study area (Darby and Welldon-Finn 1967).	G
1	Recovery of pottery sherds/vessels dating from the medieval to early post-medieval periods, which do not illustrate any signs of being wasters, as defined by Rice (2015). These must be in a fabric similar to, or that described by Mepham (2000) and/or Brown (2002).	н
1	Evidence for post-medieval pottery production, with an unknown date of enclosure from the heath, or one that predates 1600. This may be illustrated from historic mapping or historic documents.	I

Table II.4: Criteria for Point-Based Significance System

7. Part One: Dorset Parishes

The majority of our known earthenware production sites in the assessment area lie within the county of Dorset; all of these date after AD1600s, with the final site closing at Crossroads, Verwood, closing in 1952. The only published in-depth survey of evidence for medieval potting was undertaken by Spoerry (1989) and Spoerry and Hart (1989) who highlighted many areas of potential medieval potting, throughout Dorset; their work will be outlined where appropriate in the various following sections.

7.1. Alderholt Civil Parish

7.1.1. General Discussion

The parish of Alderholt was created in 1894, and was formerly a part of the Cranborne Hundred (Fagersten 1978). The parish forms the north eastern tip of the County of Dorset, bounded to the north by Damerham, Sandleheath and Fordingbridge (all in Hants). To the west lie the parishes of Cranborne, Edmondsham, with Verwood (all in Dorset), with Ellingham, Ibsely and Harbridge (Hants) lying to the south. The geology of the parish is dominated by Parkstone sand and Broadstone sand and clay. Reading and London clays lie on the county border to the north. The most substantial settlement in the parish is the small town of Alderholt, with the hamlets of Crendell, Daggons and Cripplestyle lying within the western portion. The history of Alderholt is very much an enigma, with the Royal Commission Volume for east Dorset stating:

"Little is known of the history of the area. The pattern of scattered settlement in the N., with winding lanes, isolated cottages and farmsteads and small irregular fields, probably indicated slow extension of settlement accompanied by gradual clearance of forest and waste. In the E., where the field boundaries are rectilinear, the land was enclosed from the heathland in 1859 (Enclosure Award, 1858, D.C.R.O)" (RCHME 1975, p.1).

The idea of slow encroachment into waste and woodland is supported by Darby and Welldon-Finn (1967) who, using information held in the Domesday survey of 1086, show that east Dorset has the lowest population concentration within the wider county at the time, and also reveals that the area is dominated by woodland. This is further corroborated in the origins of the name of Alderholt, which likely derives from the old English words 'Alder' and 'holt', the latter of which meaning – wood/forest (Mills 2008, p.14). Fagersten (1978) notes several changes in the name over time, outlined in Table II.5.

Date	Name
1315	Alreholt(e)
1398	Areholt
1425	Alberholte
1535	Alderwood

Table II.5: Past Mentions of Alderholt

7.1.2. Medieval Alderholt

Alderholt is not mentioned in the Domesday survey of 1086. The nearest settlements mentioned comprise the now lost settlement at Letisford (five households) - although Fagersten (1978) suggests this may be closer to modern Verwood - the relatively large

village of Damerham to the north in Wiltshire (80 households – probably an amalgam of several settlements); and the medium-sized settlement at Midgham, Hampshire (12 households). Although Alderholt is not mentioned by name it remains possible that residents of a small settlement or farmstead at Alderholt could have been amalgamated into the records of another settlement. Such integration of entries in the survey is seen elsewhere within Dorset at Piddletrenthide (Taylor 1970, pp.51-3), where several settlements within a parish are amalgamated, potentially for ease, or where multiple small hamlets occur sparsely over a relatively wide area.

A medieval deer park was present at Alderholt from at least the early 1300s (Dorset HER ID: 3001014). Wake Smart and Hawkins (1983, p.84) note that in 1315 Edward II gives Gilbert de Clare the manor of Cranborne and "there were in the Park of Alderholt, by estimation one-hundred and fifty-four acres". Wake Smart and Hawkins (*ibid*) subsequently explain that during the reign of Henry VIII this was disparked and the deer destroyed, with the enclosed park land was then sold off. The Lay Subsidy Rolls of 1327 and 1332 both record Alderholt (*Alreholte*) as being amalgamated with Cranborne (*Craneborne*) and Holwell (*Holewel*); this supports the hypothesis that, at this time, certain single documentary entries for this area actually comprise grouped dispersed settlement or even several induvial farmsteads at this time. The area certainly appears to be a relatively poor one, with 26 out of a total of 51 (c.50%) occupants paying the minimum charge of eight pence in tax for 1332 (Mills 1971, p.75). To place this in perspective another centre for post-medieval potting in Dorset at Holnest, in the west of the county, records only two inhabitants out of a total of 36 (c.5%) paying the minimum eight pence charge (Mills 1971, p.31).

The fact that the location of Alderholt, is first mentioned during the high medieval period, suggests that any substantial settlement did not exist here until the 1300s. However, the importance of the area in terms of pottery production has previously been outlined by Algar *et al.* (1979):

"There is little doubt that the Verwood and District pottery industry began in Alderholt probably during the later medieval period. The earliest known reference occurs in the Cranborne Manor Accounts for 1337, when the tenants of the village paid 14/- for the digging of clay to make pots. Whilst the number of separate kilns at this time is unknown, there was clearly already an established and thriving community. Later evidence suggests that the kilns were in a group to the south of the village along what is now the road to Fordingbridge. Here easy access was possible to sand, turf and furze on the adjoining heathland, whilst by 1500, clay was being carried by horse and cart from Crendell Common two miles to the west" (Algar et al. 1979, p.24).

Sims (1969, p.2) suggests that transcripts of the Cranborne Provosts Accounts list an illegible sum for digging clay at Alderholt in 1317-18, as evidenced in records held by Hatfield House, Hertfordshire. From the 1400s onwards, the amount of historical documentary references for pottery production and raw material extraction increase exponentially; this continues into the post-medieval period, where there is a wealth of evidence.

7.1.3. Early Post-medieval Alderholt

Twelve post-medieval pottery production sites are known to lie within the parish of Alderholt. Four of these lie to the north of the modern-day settlement of Alderholt, near to modern Fordingbridge Road. The nature of settlement at Alderholt is perhaps best highlighted in the Norden Terrier (1605). This map was completed for the Marquis of Salisbury's estate and is the earliest map that could be found to be showing vast areas of the study area; photographs of the map are held by the DHC (Ref: Ph 312A and B). The majority of buildings within the settlement lie on the crossroads that now forms the confluence of Sandleheath Road, Fordingbridge Road, and Hillbury Road. A number of buildings lie to the north east along Sandleheath Road extending up to the site of the '*molendini*' - or mill - on the River Allen, occupied at the time of writing by a bed and breakfast. The only post-medieval pottery production site shown in Norden's map is that of ALD8, where its position at the crossroads is unmistakable. The land here is held by a Joanna Laurence by copyhold; this surname is of interest, as a Thomas Lawrence was potting during the 1700s, succeeded by a Lawrence Lawrence at Edmondsham, thus there is potential that all of these individuals could have been related.

One problem with the Norden map is that it does not appear to illustrate the enclosure of the site ALD9 – a Verwood-type pottery production site. This tenement was built by John Attewater in 1602 (Algar *et al.* 1987, p.22). The possibility remains that this area has been amalgamated with other tenements and presented as one block of ownership/tenancy, this would mean that John Attewater is named as Jacobus Waters, as displayed on the map. This is supported by the presence of the note of '*per diwwifsionem*'. This highlights the fact that one must be cautious when using this map as certain elements display great detail, whereas other articles have been grouped for ease, thus the potential that internal divisions are not displayed or entirely overlooked.

Further information was gathered by the VDPT in the form of historic documentary references to potting in relation to the Alderholt area; these cover both the medieval and post-medieval period, and are outlined below in Table II.6.

The only pottery kiln fully excavated within the parish is ALD3, a brief outline of the results is proposed as part of the gazetteer of sites in Appendix I of the thesis.

Date	Description	Source
1317/8	11/- for diaging of clay at Alderholt at michaelmas and	Sime 1969
1317/0	called 'Shareelver'	Sins 1909
1337	$1/_{-}$ of the tenants of Alderbolt for clay due for making	Provosts Accounts 1/1
1337	nots	
1392	1d rent for the rent of Thomas Payn - for land	Cranborne Manor
1002	Ta tent for the tent of thomas taylin for land	
1392	1d for the rent of John Fauke at Michaemas this year -	Cranborne Manor
1002	for land	Accounts
1392	1d for the rent of John Ruddock for the piece of land of	Cranborne Manor
1002	Walter Ottins	Accounts
1317/8	14/- for diaging of clay at Alderholt at michaelmas and	Cranborne Manor
1011/0	called 'Sharselver'	Accounts
1392	Rents - 4/6 for 9 tenants of Alderholt for clay dug for	Cranborne Court Rolls
	making pots at Michaelmas being 6d each	
1448	John Potter mentioned in Cranborne Tything	Cranborne Court Rolls
	Dec 1489 Presented that Robert Adale, John Shergould,	
	and Thomas Grev permitted 'les pyttes' called 'clay	
	pyttes' in that tything to be deep muddy and dangerous	
	to the injury of the whole country. They are ordered to	
	'impedire' ? Les pyttes before Court under penalty of	
1489	fine.	Cranborne Court Rolls
	21 Dec 1489 Robert Adale and John Shergould fined 1d	
	each for not having filled in 2les pyttes2 called cley	
	pyttes which lie dangerous, as ordered to at the last	
	court. Ordered to fill them in before next Court under	
1489	penalty of 20/-	Cranborne Court Rolls
	10 May John Shergould surrendered a close in Alderholt	
	called Toppeshete. Robert Adale and Thomas	
	Wygmons guardians of the goods of X Clement are	
1490	admitted	Cranborne Court Rolls
1503	Clay rentals 3/-	Cranborne Court Rolls
	2/6 of Divers persons for the leave to dig clay within the	
	manor for the making of pots as appears on the Court	Cranborne Manor
1507	Rolls	Accounts
	Received of Richard Baron for the clay pit in the Heath	Cranborne Manor
1507	so left by roll of Court held there	Accounts
1507	5/2d the fines of divers persons there for licence to dig	Cranborne Manor
	clay within the common there for making and burning	Accounts
	pots, by the said rolls of court	
1507	2/- as previous	Cranborne Manor
		Accounts
1517	To this court comes John Tyler, fine 2/8 for leave to dig	Cranborne Manor
	and take clay from the soil next to Goldoke for making	Court Roll
	tiles	
1517	To this court comes John Laurence, John Nueman, Rich	Cranborne Manor
	Grey, John Laycosten and John Voule and gave fine	Court Roll
4504	each for similar licences	
1534	Clay from Alderholt Common	Cranborne Manor
		ACCOUNTS

Table II.6: List of Historic Documentary Evidence for Alderholt

7.1.4. The Hamlets of Daggons and Crendell in the Civil Parish of Alderholt

Two relatively small hamlets within the parish of Alderholt lie to the west of the modern large modern-day village; both have an abundance of post-medieval evidence for potting.

7.1.5. Daggons

The village is formed of two parts - Lower Daggons and Daggons. Lower Daggons is a small hamlet lying between Crendell and Sandleheath, while Daggons itself lies to the south, situated between Crendell and Alderholt. In modern times, Daggons has been almost subsumed into western Alderholt, as this now large village has more than doubled in size since the 1960s. Four post-medieval kilns sites lie within close proximity to Daggons and nearby Cripplestyle, the details of these can be found within Appendix I of the thesis. No evidence for production or raw material extraction could be identified at Lower Daggons. In contrast, pottery production in Daggons is mentioned in historic documents from the 1730s onwards (Algar *et al.* 1979, pp.30-31).

No earlier evidence for pottery production at this location could be ascertained, although there is potential that settlement existed here as early as 1332 as a Richard Dagon is named in the Lay Subsidy Roll within the Cranborne, Holwell and Alderholt tithing (Meekings 1971). Settlement at Daggons is evidenced from the 1811 OS map (Fig. II.3), but is not covered in the earlier Norden map of 1605. The 1811 map shows potteries as being well established elements in the landscape at Daggons (Dagham).



Fig. II.3: Extract from 1811 OS Map showing Potteries at Daggons (Dagham)

Additional evidence may be gleaned from tithe map for the Alderholt tithing (DHC Ref: T/ALD), dated 1845. Here, numerous plots near to a post-medieval potting site (ALD7) exist. It is unclear if these relate to the known site or are names that refer to earlier production. Field names such as 'Pot sherd Green' (plot 741); 'Pot sherd Piece' (plot 742), are all likely to relate to the known site as they lie within the immediate vicinity of the site. A number of other plot names occur on the opposite side of the road to ALD7; these plot names may not relate to this site, as they are separated from the production site by a road. However, this block of rather interestingly named plots do lie between two postulated pottery kiln sites (ALD7 and ALD12), and brick and tile production is thought to lie somewhere within the area (Sims 1969, p.3); a number of these may account for the names, but these fields certainly hold potential worthy of examination.

Alderholt Tithe	Plot Name in
Map Plot No.	Apportionment
732	Mountains
733	Lower Kiln Ground
734	Upper Kiln Ground
735	Top Kiln Ground
736	Lower Kiln Ground Piece
737	Upper Kiln Ground Patch
738	Top Kiln Ground Peak

Table II.7: Field Names Pertaining to Ceramic Production in the Alderholt Tithe Map

7.1.6. Crendell

Crendell lies within the northwest portion of Alderholt, and is first mentioned in the early 1600s as '*Crundole*' on Norden's map of Cranborne, dated 1605. Crendell comprises a relatively well fossilised landscape, which displays a wealth of raw material extraction for pottery production. Mills (2008, p.35) highlights that in 1620, the hamlet can be seen to be named as '*Crendall*', he goes on to state that the place name itself is important as it may originate from the old English word '*crundell*' - referring to a pit or quarry. It is unclear if this is a reference to clay or chalk, as both lie within the vicinity.

Apart from the place name itself, there is no clear evidence for either production or raw material extraction prior to 1605.

The Norden Map (1605) shows numerous '*pitts of potters clay*' on the common adjacent to '*Goldoake*' (Fig. II.4) and it may be to these pits, or the forebears of these, that the place name refers. Crendell was used for clay extraction until 1742 when documentary reference in the Cranborne Manor Court Roll outlines: "*The Potter's Clay being all dug out of the said (Crendell) common the potters are obliged to go elsewhere for a supply*". However, as the clay rents for this area continue beyond 1742, an additional supply in the near vicinity is likely to have been discovered and used.

The 1880s OS Map displays an area of woodland immediately west of the village identified as '*Old Clayground*'. This area is shown on the Norden map as being occupied by numerous plots two of which are owned by a Robert Kente and called '*Crundole Close*'. This area certainly contains evidence for clay extraction, and various undulations are present on the surface in between the existing trees.

A wealth of LiDAR evidence collected by the Environment Agency displays further evidence for clay extraction in the Crendell area. Various visualisation models of the LiDAR data for Crendell were created, these included a hillside, a multi-directional hillshade, a positive openness model, a negative openness model and a sky view factor. The locations of any anomalies in this data is presented in Fig. II.5, where several potential quarry or extraction pits have been highlighted; this has been coupled with any extraction pits identified on the 1880s OS Map. Fig. II.6 shows how these anomalies approximately relate the buried geology, which shows that all most of those anomalies lie in areas likely to be Reading (Thames group) clay extraction or lying on the borders between deposits *i.e.* clays and chalk. This clay appears to be favoured over that of the adjacent London clay for potting, this may because the London (Lambeth group) clay, appears to be favoured for brick production, although there may have been pottery vessels that required the use of the heavier London clay and so the presence of any extraction pits on the London clay should not be dismissed as irrelevant.



Fig. II.4: Norden's 1605 Map of Crendell (taken from Algar et al. 1987, Front Cover)



Fig. II.5: Features interpreted from LiDAR and 1880s OS map for the Crendell area



Fig. II.6: Features from Fig. II.5 shown over bedrock geology

A number of elongate features shown in Figs. II.5 and II.6 appear to represent terracing into the hillside to extract clays, while other more expansive topographic features appear to represent open area or trench extraction. This is contrary to the type of extraction shown on Norden's Map which appears to reflect several discrete pit features, rather than vast expansive areas. Drawing on extraction methods used in the Purbecks with ball clays it may be argued that trench and open area extraction are a later post-medieval development of extraction methodology (BCHS 2003); as such these features may be post-medieval in date rather than being of medieval origin.

While a wealth of evidence for raw material extraction can be attributed to Crendell, Norden's map does not exhibit any visible kilns. A number of enclosed properties exhibit more than one building, which may have been used as possible workshops or drying spaces, although there are a range of other non-industrial explanations which could account for this phenomenon. In addition, a small enclosed area to the north, encroaching onto the Boveridge Common - could also yield results, as there are many references to potters encroaching on common lands. Sims (1969, p.23) notes that two properties could have links to early post-medieval potting based on family names. The first is Elizabeth Thorne's property; the Thorne family have later connections to potting, and a branch of the family ends up in possession of the final pottery to close at Crossroads, Verwood. Again, the Thorne property appears to have been enclosed from the common, and two buildings are illustrated. Sims (ibid) goes on to suggest that the property held by John Maye, which also comprises two cottages. John could be an ancestor to the later 'Major' family, who were potting in nearby Alderholt the 1700s. Overall, this suggests that Crendell certainly has potential for pottery production dating from the 1600s, and the place name evidence hints at early clay extraction sites.

In terms of early modern and post-medieval pottery production, the village exhibits four kiln sites (again, these are outlined in detail in Appendix I in thesis), although only one has been excavated. This was undertaken by Salisbury Museum Archaeological Research Group in 1975, and the site is of particular relevance to this study, despite it being of post-medieval date. A date of 1750-1820 is suggested by Algar *et al.* (1987), based upon historical documents and the collected pottery, but the authors go on to state that:

"From the excavated material it is clear that the kiln itself belonged to the second half of the 18th century, whilst the large quantities of waster sherds redeposited within the insulating mound were of somewhat earlier date" (Algar et al. 1987, pp.23-4).

This suggests that earlier production is taking place in the near vicinity. The remaining three kiln sites have been substantially damaged by a combination of landscaping, redevelopment and agricultural building construction from the late Victorian period onwards.

7.2. Chalbury Civil Parish

7.2.1. General Discussion

The parish of Chalbury is relatively small, comprising approximately 330 hectares in area. The village of Chalbury constitutes the only modern settlement of any size within the parish, with Didlington Farm lying toward the north western boundary. While there are currently no known pottery kilns within the parish, there is ample possibility for pottery production in this area, as the parish occupies an area of known ancient woodland on the geological boundary between the Reading and London clay beds (RCHME 1975, p.2).

7.2.2. Medieval Chalbury

A number of areas of likely medieval activity are known within the parish, these are indicative of deserted medieval settlements or small farmsteads. The most obvious of these is reflected in the presence of the shrunken settlement of Didlington (DHER ID: 3001014), which is now occupied by Didlington Farm. Fagersten (1978, p.78) notes that this settlement is present from at least AD946, and the evolution of the place name is presented in Table II.8. The origin of the place name remains uncertain, and whether this reflects an old English personal name or topographical location remains ambiguous (*ibid*). Regardless of this, the settlement is present in 1086, recorded in the Domesday survey as lying within the Badbury Hundred and comprising 23 households - a relatively large village for the time in this area. The land was held both before and after 1066 by the Abbey of Wilton. Settlement remains in the form of closes, and house platforms remain as visible earthworks at Didlington; these have been discussed by the RCHME (1975):

"Remains of Didlington village ... lie N.E. of Didlington Farm on a terrace of the R. Allen....The somewhat indistinct earthworks cover about 5 acres and include a large rectangular platform, due E. of the farm. To the NE two rectangular closes, 20 to 25 yds. Square, are cut into a gentle slope; they are bounded low banks and scarps up to 4 ft. high, and one close appears to retain traces of building platforms, pottery of the 14th or 15th century and later has been found in the area" RCHME (1975, p.3).

Date	Name
946	Dydelingtune
956	Dydylingtune
1086	Dedilintone
1244	Dudlington
1327	Dedlyngton

Table II.8: Selected Mentions for Didlington in Chalbury Parish

The reference in AD946 relates to a grant of five hides of land at Didlington from King Eadred to thegn Wulfric (Grundy 1935, p.111); it notes the name of Chalbury as being '*Cheolsburge'* (*ibid*) and Horton as '*Horetuninga'* (*ibid*). This charter is the first place that the name of '*Lindune'* - or Flax Hill – appears and it is from this name that the modern place name of Linnen Hill derives. Here, the clays meet the chalk, and it is upon this high point in the landscape that the post-medieval folly/observatory - Horton Tower, stands. A further landmark reference is that of the '*Readen Weg*' or the Red Way, which is likely the road between Chalbury and Horton. Here, the road would have cut into the underlying clays that comprise the adjacent Linnen Hill, as the road that still exists today is relatively sunken at this point, possibly named for the iron-rich red clays that the track has been dug through.

The same area of land is then granted to Aelfred in 956, along with one hide at *Uddinge* (modern day Uddens), Holt (Grundy 1935, pp.112-3).

Work by Charlie and Nancy Holinrake (1990) around Black Barn Farm (now Glebe Farm), Chalbury, noted three large concentrations of medieval pottery sherds; again, this is thought to reflect settlement rather than pottery production, although the collection could not be examined as the location of the deposited archive could not be located at Dorset County Museum. The first area was shown to be north east of the currently named Glebe Farm (DHER: MDO5431); the second was highlighted south of the village of Chalbury (MDO5433); and thirdly, an area west of Hinton Martell was identified (MDO5745). These may represent three distinct areas of settlement within the parish of Chalbury.

The main settlement of the parish, Chalbury, is not outlined in Domesday. Instead, the large size of Didlington in the survey may reflect that numerous smaller areas of settlement, including that at Didlington Farm, and Chalbury, plus others had been amalgamated and recorded as one, as is the case elsewhere for Dorset, for example the parish of Piddletrentide (Taylor 1970, pp.51-55). The village of Chalbury is "almost certainly of preconquest in origin. (Although, the)...small size of Chalbury Church shows that the settlement was never a large one" (RCHME 1975, p.2). Fagersten (1978, p.78) notes the numerous place names for this settlement over time, see Table II.9.

Date	Name
935	Chelesbergh
946	Cheoles burge (east geat)
958	Cheoles byrig (east gete)
1244	Chelesbyr
1297	Ghelesbury
1386	Chalesbury
1428	Chelbury

Table II.9: Place name Evolution for Chalbury

For the post-medieval period, the only evidence for pottery production that could be identified relates to known production in Horton. This comprises the residence of Elias Talbot whose will is held by the DHC and National Archives (Ref: PROB 11-344-38). He may have been potting at either known production site in Horton (HOR1 or HOR2). Elias Talbot, potter of Horton, is listed as residing in Chalbury in the 1664 Hearth Tax records.

The Manorial Court Rolls for Chalbury and Didlington covering the period from 1337 to 1702 are held privately by the Shaftesbury Estate at St Giles House, Wimborne St Giles. The costs of accessing these documents was too high to enable a thorough examination to be undertaken, and so their contents in relation to pottery production for this era cannot be commented on.

7.3. Colehill Civil Parish

7.3.1. General Discussion

The parish of Colehill was formed in 1894 from the extensive parishes of Wimborne and Hampreston (RCHME 1975, p.4). The parish of Holt lies to its north, Ferndown to the east, Pamphill to the west and the Borough of Poole and Bournemouth to the south. The modern settlements of Furzehill and Colehill comprise the most substantial inhabited areas in the

parish. The parish lies a relatively long distance from the Reading and London clay beds known to be used by the Verwood pottery industry; however, the area is dominated by sands of the Poole and Parkstone formations, with elements of Broadstone clays and sands.

7.3.2. Medieval Colehill

There is no reference in the Domesday survey to Colehill; however, one settlement - that of '*Wedechworde*' – which lies within the northeastern bounds of the parish, is included. The settlement comprised 10 households lying within in the Badbury Hundred; all that currently remains of this settlement is the farmhouse of Wilksworth Farm; settlement here dates from the 1500s (DHER: 3 003 001 and MD029111). The place name Colehill first appears as '*Colhulle*' in 1431, and '*Collehill*' in 1547, possibly deriving from the old English for 'charcoal' and 'hill' (Mills 2008, p.32), which suggests historically that the area had an industrial and raw material economy.

As the parish of Colehill did not exist at this time, any medieval evidence will be found within that outlined for Wimborne Minster and Hampreston. The DHC holds the court books for Wilksworth Manor (formerly part of the Hanham Estate); a former manor which lies within the bounds of what would later become the parish of Colehill. These records cover the dates 1594-1612 (DHC Ref. D/HNM/C/1/1 and D/HNM/C/4/1), and were examined for any mention of clay extraction or references to pottery production, but no clear evidence could be identified.

7.3.3. Post-medieval Colehill

While there is no known evidence for potting within the parish at this time, a late postmedieval brick works is recorded in the Dorset HER (DHER: MDO23464); this was most likely associated with a number of clay pits, which lie within in the vicinity (DHER: MDO23462 and MDO23463). These pits are present on both the 1888 and 1901 OS map, but have gone out of use by the 1920s. Old clay pits (DHER: MDO23476) and old gravel pits (DHER: MDO23475), which are also displayed on these maps remain present on the 1920s OS maps, and are also thought to be associated with the aforementioned brickworks. Multiple extraction pits (DHER: MDO23471 and MDO23471) are visible on the early 17th century Harding map (DHC Ref. D1504/1); these are recorded as old gravel pits on the 1888 OS map.

7.4. Cranborne Civil Parish

7.4.1. General Discussion

The parish of Cranborne lies in the north east corner of the County of Dorset. It contains the small town of Cranborne, with the hamlet of Boveridge lying, to the north. The parish is bounded to the northwest by Pentridge and Sixpenny Handley, while the northeastern boundary comprises the county boundary between Dorset and Hampshire. Edmondsham lies to the south, and the relatively modern creation of the parish of Alderholt (formerly a tithing within the Cranborne parish) lies to the east. This creates difficulty in regard to historic documents for both parishes, as early references to Cranborne may refer to locations within the modern parish of Alderholt. The parish is dominated by chalk geology, with small islands of Reading and London clay occurring in discrete pockets. The site of the former Cranborne Castle, to the south of the town, is also positioned on a substantial Reading clay outcrop.

Stevenson (1812, p.24) notes that the parish of Cranborne is one of the largest in the county of Dorset: "...in circumference being about thirty miles, and its longest diameter about twelve". The parish is situated in the valley of the River Crane, where the chalk downs meet the clays and sands, which dominate east Dorset. The early importance of Cranborne for the northeast Dorset region is highlighted by its use as the locational descriptor for the county's largest medieval hunting preserve: 'Cranborne Chase'. With this in mind, Cranborne's history is effectively linked to that of the Chase until the later post-medieval period when the town has significantly declined. The perambulation of the Chase was undertaken during the reign of King John; however, its continued importance as a royal hunting ground is evidenced by this perambulation being confirmed during the reign of Henry III, and again by Edward I in 1280 (Wake-Smart and Hawkins 1983, p.xi). The extent of the Chase has been best described by Wake-Smart and Hawkins (*ibid*, pp.119-120):

"The territory of the chase was divided into two districts of unequal extent, the less being circumscribed by the greater, and distinguished by the inner or less, and the outer or large bounds. These boundaries, are respectively set forth in a subsequent document of ... Edward I. A.D. 1280, and are therein referred back to the time of King John, when the history of the chase commences. The outer bounds include an area whose diameter from east to west is from twenty to twenty five miles; and from north to south from fifteen to twenty miles; in circuit about one hundred miles, containing seven or eight hundred thousand acres of land, comprising seventy-two parishes, and ten thousand of population, taking in some portion of the city and towns of Salisburv. Wilton, Shaftesbury, Blandford, Wimborne Minster, Ringwood, Fordingbridge, and Downton: the inner bounds include a district about ten miles in length. From north to south, three or four miles in breadth, and about twenty-seven miles in circuit, consisting chiefly of woods and pasture land to the amount of about forty thousand acres. The whole was parcelled or subdivided into eight walks or districts, viz. Rushmoxe, Staplefoot, Cobley, Burseystool, Westwalk, Fernditch, Chiefly within the inner bounds, Alderholt and Chettered between the inner and the outer bounds. There were also in former time nine parks for the preservation of Deer in the out-grounds, or, the district beyond the inner bounds, viz, Wardour, Wilton, Falston, in Wilts; Breamore, Burgate, Rockbourne, in Hants; Alderholt, Blagden, Gunville, in Dorset."

The modern-day area of the Chase, lies north of the main Blandford to Salisbury road (A354) and has relatively few remnants of its ancient splendour (Hinchy 1957, p.57).

7.4.2. Medieval Cranborne

The earliest record relating to Cranborne concerns the founding of a monastery, and is found in the chronicle of Tewkesbury Abbey:

"About the year 930, in the reign of King Athelstan, flourished a certain noble knight sprung of the illustrious stock of Edward the Elder and known by the name of Haylward Snew on account of his fairness. And being not unmindful of his end, he built for himself and Ælfgifu his wife in the days of King Ethelred and St. Dunstan the archbishop a small monastery to the honour of God and Our Lord Jesus Christ, His Mother, and St. Bartholomew the Apostle, and endowed it with lands and possessions. And having assembled there brethren to serve under the obedience of an abbot according to the rule of St. Benedict, he made Tewkesbury, of which he was patron, wholly subject to it. These things were done about the year 980. And Haylward, having died and received burial in the church which he had built, was succeeded by Ælfgar his son, the father of Brihtric, who according to the vow of his parents 'amplified' the church which they had begun" (Page 1908, p.70).

The Domesday Survey of 1086 notes that the lands remained in the hands of the Saxon 'Snew' dynasty until 1066 when the lands were presented to Queen Mathilda van Vlaaderen; wife of William I. The survey of the town records a total of 37 households, comprising eight villagers, 12 small holders, 10 slaves and seven cottagers. In addition to this, extensive tracts of woodland are recorded; an area of woodland measuring two leagues long by two leagues wide is documented as being associated with lands at Cranborne in 1086. In comparison Edmondsham, which lies immediately to the southwest, can boasts woodland covering an area of some five by one and a half furlongs, while the lands of Boveridge to the north includes one by a half leagues.

Penn (1980, p.49) notes that there is little evidence for growth of the town, but assumes growth occurred around the abbey and its successor. A castle is thought to be present on the southeastern fringe of the town from at least the 12th century; the remnants of the monument are protected as a scheduled ancient monument (UID: DO17). A fair in Cranborne was held by Richard de Clare in the late 13th century (*ibid*), and a medieval market house was in ruins by the early 1500s (*ibid*). From 1314, Cranborne is referred to as a borough, although no record of a charter has been ascertained (*ibid*).

A *Willelmo Poterne*, resident of Boveridge, a hamlet which lies within the northern part of the parish of Cranborne, is listed in the 1332 Lay Subsidy rolls (Mills 1971, p.76), paying three shillings and 10 pence in tax. This distinguishes him as the highest tax payer within Boveridge, which somewhat contradicts the hypothesis that he is potting, as during the post-medieval period - the height of potting as an industry for this area - potters are not the wealthiest inhabitants within a given area, and certainly would not be paying the largest amount of tax within a given administration parcel. It is perhaps more likely that Willelmo's family name derives from a place such as Potterne, near Verwood, Dorset.

Very few archaeological investigations have been undertaken in this area in past years. However, one of note is that of Penny's Farm, Cranborne (Bellamy 2001) where significant amounts of medieval and Anglo-Saxon pottery were recovered. The medieval sherds were initially recorded as being of Laverstock-type, or part of the Wessex Coarseware fabric group. These may have been the products of an east Dorset industry.

A number of Reeve Accounts for the Cranborne area are held by the National Archives at Kew in their Special Collections; these date from 1323 – 1326 (National Archives ref: SC 6/832/2-832/3).

As with other parishes such as Alderholt, lying immediately to the east, the parish of Cranborne contains an area of enclosed Parkland. Blagdon Park (DHER: 3005032) comprises one of the largest examples of its type within the east Dorset region. Hutchins (1873, p.383) notes that this was created by Roger Damory in 1321, and was disparked in 1570.

7.4.3. Post-medieval Cranborne

The Norden Map of 1605 of Blagdon Park shows that a '*Crockherne Yate*', likely referring to a Crockerton Gate (Cantor and Wilson 1970, 196-199) - comprises a southern entrance to the former park, which has likely gone out of use by this time (see above). This is probably related to the place name Crockerton Hill (see point 7.4.4.).

The town was in decline throughout the early post-medieval period, with the causes of its final decay being not overly clear. The formation of the Western Turnpike in 1757 bypassing Cranborne completely was the final 'nail in the coffin' for the town's economy and symbolises its lack of importance at this time (Wake-Smart and Hawkins 1983, pp.10-11).

The presence of extensive landscaping and gardens - a reoccurring theme across large east Dorset Estates - is highlighted by the presence of Boveridge House (DHER Ref: 3 005 058).

With regard to post-medieval manufacture Stevenson (1812, p.450) notes other industries excluding agriculture - taking place at various locations across Dorset. For Cranborne, he states there is "a pottery for coarse earthen-ware". This is perplexing, as Stevenson has highlighted one production site at Cranborne – yet failed to mention those sites known to be producing wares at Alderholt - including those at Crendell and Daggons - all of which lie within five miles of Cranborne; sites producing in the Verwood area at this time (see Appendix I in thesis) are also overlooked. With this in mind, one must be cautious when considering where this 'Cranborne Pottery' site exists. It is worthy of note that Stevenson (1812) also lists two potteries in Beaminster, Dorset, which are not present in Spoerry and Hart's (1989) survey. The Beaminster potteries comprise yet another Dorset ceramic industry of which we know very little; this highlights that while Dorset's prehistoric and Romano-British archaeology is being thoroughly investigated, thus our knowledge of these periods is continually being advanced, the history and archaeology of certain areas from less than 250 years ago remains somewhat of an enigma.

Further evidence has been postulated by Spoerry and Hart (1989, p.32), who state that a James Thorne, Potter, records a will in Cranborne dated 1682; this could not be found within the DHC or PRO catalogue. Based upon other existing evidence, the suggestion that Mr Thorne is potting in the town of Cranborne does not necessarily correlate, as he is most likely potting within the parish of Cranborne, thus could therefore be located anywhere from Alderholt to Verwood during this time. A similar situation applies to Lawrence Chubb, potter, who records a will in Cranborne in 1714 (DHC Ref: Ph.133/3), but he can be placed at ALD1 (see Appendix I in thesis) at Gold Oak Farm, Crendell, which lies three miles to the east. This demonstrates the fact that as Cranborne is such a large parish, which is only split during the late 1800s, any evidence that is not descriptive beyond parish level prior to the 1840s (when tithings begin to be more commonly used in administrative documents, and people can be tied to places via tithe maps) could relate anywhere between Verwood, Alderholt and Cranborne – making narrowing a location in this area very difficult.

7.4.4. Undated Pottery Production Evidence for Cranborne Parish

In terms of evidence that cannot be decisively dated, such as that of place and field names, numerous sources for this parish exist. The first to be outlined lies two to three miles to the northwest of the town of Cranborne, on the former road or drove way linking Pentridge to Boveridge. Here, the place names of Crockerton Hill and Crockerton Wood were proposed by Sims (1969, p.1) as a potential site for early production; the name remains to this day, and is present on the 1880s OS map. This area lies to the east of West Blagdon Farm, near

to where a mound is recorded – formerly noted as a barrow, but may be natural in origin - on the DHER (Ref. MDO5506).

The land is in private ownership, and while the geology is dominated by chalk, there are discrete outcrops of Reading group clays, sands and gravels along with superficial Head deposits of clay and silt, on nearby Pentridge Down. This area is likely to be associated with *'Crokkernewaye'*, which is mentioned in Minsters Accounts of 1325 (Mills 2008, p.35). In terms of determining the occurrence of medieval pottery production, a fundamental problem with this location is that from the mid-1300s until the 1570s this would have been within the aforementioned Blagdon Deer Park; it is felt unlikely that a pottery site would have been allowed to operate during this time within a park, unless it was a late assartment, or an enterprise started after the area was disparked. Consequently, Mills' (*ibid*) discussion of this location as a 'potter's way' or track to the pottery (or -ies) - seems much more likely, thus the potteries that the name relates to must either lie in Boveridge or Cranborne.

The final piece of place name evidence is visible on the Norden map (AD1605) is the field name of Potton Hill (Fig. II.7). While this area has been under repeated cultivation for a number of years – now under arable - the area was formerly occupied by allotments. This has particular significant potential in relation to pottery production, as an outcrop of both Reading and London clay lies immediately adjacent to it on the opposite side of the road, along with a large area of woodland previously called Burrow Wood (Fig. II.7), now Burwood (from the 1880s OS map onwards). Here, an extraction pit is visible on the Norden map, and is displayed and noted on the 1880s OS map as 'Burwood Pit', at the time of writing it is recorded as a Victorian pit in the DHER (MD023955). Being that this is open in 1605, it is likely that this pit maybe medieval in origin. When visited the modern site is an incredibly large and relatively deep quarry that is now used as a logging yard – clay and quartz gravels remain visible in section within the edge of the former pit. The DHER records other such pits within the wooded area as gravel pits (DHER: MD023954), despite these lying on Reading clays, sands and gravels.



Fig. II.7: After Norden 1605 map; Potton Hill, held by Robertus Kente shown in yellow; a plot with buildings shown is presented in orange; the 'Burwood Pit' is highlighted in red, lying within Burrow Wood (green) – all to the east of Cranborne

A number of extractions pits (DHER: MDO23957 and MDO23957) lie in close proximity to the former motte and bailey - Cranborne Castle. Situated on Castle Hill, this lies within a relatively vast outcrop of Reading and London clay. These certainly post-date the use of the site as a castle, hence are likely to be of late medieval to post-medieval date. These have been recorded in the HER as a mixture of gravel, sand, and marl pits, and they are labelled as such on early OS mapping. The area is only partially covered by the Norden map.

7.5. Edmonsham Civil Parish

7.5.1. General Discussion

The parish of Edmondsham contains a numerous hamlets and farmsteads, such as Pinnoks Moor, West Worth and Gotham, with the major settlement of the parish comprising the village of Edmondsham. The parish of Cranborne lies to the north, Wimborne St Giles to the west, and Woodlands to the south. The eastern and northern portion of the parish lies on the Reading and London clay beds, with chalk and Head deposits to the west. Notable standing historic buildings with the parish comprise the former manor and estate house of Edmondsham House, which is of late Tudor construction (LEN: 1303958). The church of St Nicholas is a Grade II* listed structure (LEN: 1154150). It is of 12th century origin, with 14-15th century additions, as with most churches in the area, there was major restoration in the 19th century, but the church and village are certainly of medieval origin. This is supported by Fagersen (1978, p.101), who traces the evolution of the place name (Table II.10).

Date	Name
1086 (Domesday	Amedesham
Survey)	
1175-6	Edmodeshani
1226	Edmodesham
1393	Emondesham
1563	Edmonclesham

Table II.10: Edmondsham Place Name Derivation

Fagersten (*ibid*) subsequently states that the name derives from the settlement of *'Eadmwid's farm'*; while Mills (2008, p.39) provides the perhaps more obvious personal name of Eadmod or Eadmund. Either way this certainly reflects an Anglo-Saxon origin for the settlement, however small the size.

7.5.2. Medieval Edmondsham

The entry in the Domesday Survey for Edmondsham records 13 households, noting that the land is held by the King (William I), Humphrey the Chamberlain, and Lady Edeva; as a whole the land is valued at seven pounds and five shillings, and comprises two areas of woodland, both measuring five by one and a half furlongs. Collectively, the entry implies a relatively organised landscape, which supports the previously outlined hypothesis of an Anglo-Saxon origin for Edmonsdham.

A medieval deserted village at Westworth Farm lies within the bounds of the parish (DHER: MDO5541).

A 12th century document mentions the place name of '*Tothill* in Edmondsham. The deeds for this messuage – which comprises four acres in one field and four in another - is of significance as this location is known for post-medieval pottery production (see point 7.5.3). It may be that there is no pottery production taking place here at this time, but the fact that this location exists during the 12th century is of importance.

There is no clear evidence for pottery production during the medieval period, although evidence of such might be found within the historical documents of the Medlycott, Hussey and Monro family archives, which held land here between the 14th and 20th centuries. These are held privately in an unknown location.

7.5.3. Post-medieval Edmondsham

There are at least two for post-medieval pottery manufacture within the limits of the parish. The first is that of EDM1, which is located in Gotham (DHER: MDO5539), and outlined within Appendix I of the thesis. The second site is that of '*Tofthill*', outlined in two leases held in the Shaftesbury Estate Archives, at St Giles House, Wimborne St Giles. The first (Ref: LE78) dated 1674 outlines that a William Saunders leases a messuage called '*Tofthill*' of one acre in Edmondsham, from Lord Shaftesbury. This then passes to a Lewis Kerley, Potter, of Edmondsham in 1684 (Ref: LE79). Sadly, there is no evidence as to where '*Tofthill*' is within the parish, nor is there any similar or subsequent place name which may have derived from this name.

7.6. Gussage All Saints Parish

7.6.1. General Discussion

The parish of Gussage All Saints possesses a rather irregular shape, bounded to the east by the parishes of Wimborne St Giles and Edmondsham, to the south by Critchel, Horton, and Woodlands; and to the west by Gussage St Michael. The below ground geology comprises predominantly chalk. While there is no clear evidence for pottery production in this parish, there are several medieval, and later, monuments that need to be considered if one is to successfully present the nature of settlement in rural east Dorset during the medieval and post-medieval periods.

7.6.2. Medieval Gussage

Perhaps the most well-known medieval monument within the parish is the shrunken settlement of Brockington. This lies on the northern bank of the River Allen, opposite the now deserted medieval settlement of Knowlton. The visible banks, house platforms and enclosures are protected as a Scheduled Ancient Monument (UID: 35213). The village of Brockington does not appear in any of the Lay Subsidy rolls, thus is likely to have been amalgamated with the adjacent village of Knowlton. The settlement does not appear in the Hearth Tax records, thus it has certainly become deserted by the mid-1600s. The Parish Church of All Saints is a Grade I listed building (LEN: 1304213), and has elements of 14-15th century date. This highlights the presence of at least a small settlement here from the high medieval period onwards, if not earlier.

The only other monument of medieval date that is listed in the Dorset HER, for this area, is a droveway (DHER Ref: 3007069). This appears to run in a northeast direction, away from Brockington.

7.6.3. Post-medieval Gussage

Numerous elements of the Wimborne St Giles Estate lie within the parish, in addition to the occurrence of some standing park and landscape garden structures. Numerous houses dating from the late 18th and 19th century survive today, with the oldest and most noteworthy being Gussage House (Grade II listed LEN: 1323464). This building has elements of late 17th century architecture.

7.7. Hinton Civil Parish

7.7.1. General Discussion

The parish of Hinton contains a number of small hamlets and farmsteads, such as Hinton Parva, Stanbridge and Hinton Martell, with the most substantial being Gaunts Common, which lies on the eastern boundary of the parish. The small parish of Chalbury lies to the north, Witchampton to the west, Wimborne Minster to the south, and Holt to the east. The majority of the parish lies on an extensive band of London clay and sand, with a thinner band of Reading clay and sand running from Hinton Martell in the north, to Hinton Parva in the south. The western extent of the parish is dominated by chalk and alluvial deposits which are associated with the River Allen; this forms the western boundary of the parish.

The Domesday Survey records the location of Hinton Martell, as having 49 households and rated at the high value of £23. The description of such vast tracts of lands of mixed usage implies that an exceptionally extensive area has been recorded as one location.

The most substantial standing historic building within the parish comprises Gaunt House (Grade II listed), which is located in Hinton Martell (LEN: 1120104). The standing building was built in 1809, and began life as a country house, with later reuse as a school; the site is potentially of medieval origin (DHER: MDO5731). The HER records a scatter of medieval pottery to the west of Hinton Martell (see Chalbury Parish); this may represent former settlement, or may occur via manuring processes. The parish contains no known evidence for pottery production, nor any evidence for potential ceramic raw material extraction.

John Day has undertaken a very thorough look at the documents pertaining to the medieval period for this parish; this is held by the DHC (ref. RON/2/2/Hinton Martel/2). His study highlighted no evidence for pottery production or raw material extraction, but provides a detailed outline of the history of the parish.

Manor Court Rolls relating to the various manors within the parish are held by the National Archives (Ref. SC 2/169/4); these date from 1547-9, with those from 1628 – 1676 held privately by the Shaftesbury Estate (M 32 and M 127; see also fines heriots etc. 1633-42 - M 41). The costs involved in viewing those of privately holdings has already been outlined as a preventative factor, therefore these were not examined.

7.8. Holt Civil Parish

7.8.1. General Discussion

The parish of Holt is relatively medium in size, covering an area of some 2220 hectares. It was created in 1894, formed from elements of Chalbury, Gussage All Saints and Wimborne Minster. The parish of Holt is bounded to the north by that of Horton, with West Moors lying to the east, Ferndown and Colehill to the south, and the parishes of Hinton and Pamphill to the west. The modern settlements of Mannington, Holt Wood, Higher Row, Lower Row, Uddens, Clayford and part of Gaunts Common lie within the parish, with the most substantial village being that of Holt. Substantial areas of the parish have been retained as heathland, now defined as the Holt Heath National Nature Reserve, which is maintained by the National Trust. This reserve gives a fine indication of the type of landscape that previously dominated numerous areas within the parishes of east Dorset.

Two surveys of 'The forest and chase at Holt, Dorset' are held by the National Archives. The earliest of these dates to 1594-5 (DL 44/534), with the later dating to 1597-8 (DL 44/573); these have not been assessed as part of this study and may provide valuable information regarding ceramic production in this parish.

7.8.2. Medieval Holt

The Domesday Survey records two locations within the parish of Holt; these comprise Petersham, and Thorn Hill. The first of these comprises 11 households with a small amount of woodland measuring one furlong square. The latter, Thorn Hill, comprises 10 households, with no woodland mentioned, although a large expanse (five acres) of meadow land. Warren (1967, p.167) notes that Holt Forest is referred to as 'The Forest of Wimborne' in the Domesday Survey, and this is the only ancient forest in Dorset still to appear by that name on the early Ordnance Survey Maps. By 1269, areas of the forest are likely to have been

inhabited, as the right to hold fairs and markets at Holt was granted in 1368, with an annual fair on St. James' day still being held as late as the beginning of the nineteenth century *(ibid)*.

Two deer parks lie towards the north of the parish, these comprise Holt Old Park (DHER: 3012035), and Holt Park (DHER: 3012036). The first documentary reference to these spaces as a chase during in the mid-14th century, however these are likely not embanked until the 15-16th centuries (Cantor and Wilson 1970, pp.202-4).

The RCHM (1975, 32) notes:

"The history of settlement appears to be one of slow exploitation of the forested London Clay and Reading Beds, with subsequent settlement on the heathland. Mannington, Petersham and Thorn Hill are recorded in Domesday (V.C.H., Dorset iii, 86, 102, 110). Honeybrook and Grange farms, existing by 1333, and Bothenwood farms, existing by 1402, may be later settlements; Uddens may have existed by the 14th century."

Fagersten (1978, p.82–3) notes that the place name of Holt first appears as '*Winburneholt*' in 1184, followed by '*Winburnehold*' in 1252, and first appears as '*Holte*' in 1286. Petersham Farm appears as '*Pitrichesham*' in the Domesday Survey, along with '*Monitone*' (Mannington), and '*Tornehelle*' (Thorn Hill).

With regard to early medieval evidence, a findspot is recorded in the DHER at Uddens Park comprising of early medieval pottery sherds (Ref. 3009068). This may reflect potential for settlement of early medieval date in the Uddens area, on the southern boundary of the parish, which predate that mentioned previously. This is supported by the origin of the place name as traced by Fagersten (1978, p.83 - outlined in Table II.11), who subsequently outlines a potential origin of the Uddens name as potentially deriving from the personal name of Udd(a) (Fagersten *ibid*).

Table II.11: Place Name Evidence for Uddens House – modern-day Uddens Park

Date	Name
956	Udding
1331	Uddyng
1661	Uddings

7.8.3. Post-medieval Holt

Three potential areas for pottery production exist within the parish. These are confined to the northwest and date to the post-medieval period as outlined in Appendix I (in thesis as HOL1-3). All three sites comprise concentrations of Verwood-type sherds, along with the presence of wasters. One site that holds a particular uncertainty is that of HOL1, located at Linen Hill Farm (DHER: 3012037). This area is known to have been used for raw material extraction for nearby brick kilns associated with another ceramic production site (both pottery and brick kilns at HOR2 - DHER: 3013026 and 3013037, respectively), lying within 500m to the north (see point 7.9). Evidence from excavations at Potters Wheel, Verwood, show that clay and sand extraction pits are often backfilled with wasters, a similar situation may be the case for Linnen Hill. This may mean that extraction pits have been backfilled with pottery production waste from elsewhere and then categorised as a separate production site.

Production at HOL3 was confirmed by Wharton (1985, pp.124-5), who identified 125kg of pottery and bricks. Refitting pottery comprised similar forms with comparable surface treatments and rouletting to examples recovered from HOR1, thus a date of 17-18th century was assigned for production. It may be that HOL2 represents the eastern extent, or waste from, HOL3.

A number of gravel pits are noted in the Dorset HER, these are located close to, or within, the Holt Heath National Nature Reserve (DHER: MDO27510, MDO27509, MDO27511 etc.). It is felt likely that this does not reflect evidence for pottery production, but instead represents remains of gravel extraction for the many trackways and road surfaces in the area due to the distances involved from any known settlements.

In terms of brick production, a brickworks is evident on the 1880s OS map (DHER: MDO40365) to the southeast of the village of Holt Wood, in Holt Forest. This site is associated with at least three adjacent clay pits, and is likely associated with a nearby sand pit situated at '*Furze Ground*'.

Two surveys on the valuation of timber within Holt, Kingston Lacy and Badbury highlight the forested nature of these areas and parishes at this time, the earliest of these surveys dates to 1558-9 (Ref. DL 44/10), the latest dates to 1567-8 (Ref. DL 44/174). These have not been examined as part of this study, but the presence of such surveys alone, provides an insight in to the extensive nature of such a valued resource. Warren (1967, p.199) notes that a Commission of 1595 records the boundaries of the Forest which were defined by the use of place names that still be defined to this day, which show a vast extent of woodland.

7.9. Horton Civil Parish

7.9.1. General Discussion

The parish of Horton can be shown to have an extended history. This approximately east – west orientated parish is bounded by the Woodlands parish to the north, Verwood to the east, Chalbury and Holt to the south, and Gussage All Saints to the west. The parish contains the modern settlements of Horton and Haythorne. The geology within the parish is dominated by chalk to the west, with Reading and London clay beds to the east. The most substantial standing buildings of historical importance within the parish comprise the Bridge at Stanbridge; this is Grade II* listed, situated on the parish boundary with Gussage All Saints (LEN: 1323533); this is thought to have medieval origins. Abbey House, which lies within the village of Horton, likely on the site of a former monastery; the house is Grade II*

listed, with elements dating from the 1500s. The Church of St Wolfrida, which is Grade I listed (LEN: 1154780), may also share its origins with the monastery church has elements of 12th/13th century date, with extensive restorations and rebuilding from the 18th century onwards. For the post medieval period, one of the most prominent standing features in the parish is that of Horton Tower (LEN: 1120082); this is Grade II* listed, with the RCHME (1975, p.37) noting that this is 18th century in date.

7.9.2. Medieval Horton

Fagersten (1978, p.83) notes that the origin of the place name Horton may derive from '*horh*' the old English for muddy - and '*tun*' - the old English for farmstead or settlement. The name can be traced as outlined in Table II.12.

Table II.12: Place Name History for Horton

Date	Name
946	hore tuninge
1033	Hortune
1231	Horton

The RCHME (1975, p.34) notes that William of Malmesbury records a Benedictine abbey at Horton, endowed by Orduf, son of Earl Ordgar, the founder of the of the Benedictine house at Tavistock in AD961. Early in the 12th century the Horton abbey became a cell of Sherborne. Page (1908) notes that:

"Horton, dedicated to St. Wolfrida, the mother of Edith abbess of Wilton, was situated, like Little Malvern and other foundations of that age, in the midst of forest; centuries later Leland writes of the abbey as four miles distant from Wimborne much by woody ground"

The RCHME (1975, p.34) continues to discuss the development of settlement in the parish:

"...the original settlement in the parish and the site of a 10th-century monastery, stands at the junction of the Chalk and the Reading Beds and at the source of the brook. Extension of settlement has been confined almost entirely to the forested and heathy areas in the E. Earthworks on Horton Common, near the E. boundary, indicate early settlement; Waeneca's Farm, recorded in 1033... must have been in the vicinity, probably near Bridge Cottages. Encroachment on the heath continued until late in the 19th century, especially in the areas E. of Horton Heath Farm, near Burnt Firs, and also in the N. of the parish".

The Domesday Survey records that Horton comprises 17 households, and has a taxable value of £4. Woodland is noted as covering a region of one by a half leagues, with the land being held both before and after 1066 by the abbey of Horton.

A geophysical survey (Carter *et al.* 2016) undertaken to examine the buildings associated with a relatively undisturbed post-medieval pottery production centre, revealed evidence for a smaller circular kiln or oven, which subsequent excavations showed to be a roof tile kiln of 15th - early 17th century date (Carter In Prep). This site is located near HOR2 (Appendix I in thesis), and may be associated with nearby brick kilns identified by the VDPT in the 1980s, which were subsequently rediscovered in a series of geophysical surveys (Carter 2008).

7.9.3. Post-medieval Horton

The RCHME (1975, p.34) notes that at the end of the 17th century, the Manor of Horton was:

"sold by the Uvedale family to Sir Anthony Sturt of London, whose heirs proceeded to embellish the place in various ways. The church was largely rebuilt, Horton Tower was erected, two ornamental lakes were formed and alterations appear to have been made to the manor house. In 1765, on inheriting the Crichel estate, Humphrey Sturt lost interest in Horton and these somewhat ambitious projects were abandoned."

Five production sites are known for the parish of Horton - two (HOR1 and HOR2 – see Appendix I in thesis) lie within close vicinity to the village, and are of 17th to 18th century date. The remaining three sites relate to the expansion of Verwood, and are in operation from the 18th to 19th centuries. HOR1 is the only Verwood-type pottery kiln so far to be both excavated and published in detail (Copland-Griffiths and Butterworth, 1991). One of the problems relating to the parish of Horton is that it is unclear as to which sites certain documents relate to; this has been addressed somewhat in the gazetteer (Appendix I in thesis).

The Horton Manor Court Book for 1590-1686 is held privately by the Shaftesbury Estate (ref. M 42); however, this has previously been examined for ceramic production evidence by Tony Light, and thanks are due to him for passing on the information. The results are outlined in Table II.13. Further documents held by the estate - such as the presentments and list of customs from 1589-1759 (ref. M51) - have not been examined, but may hold material of benefit to this study.

Table II.13: Historic Documentary References to Potters/Pottery Production and Raw Material Extraction in the Horton and Chalbury Parishes

Date	Reference	Description
22/3/1635	Horton Court Books	'Order that no Brickburner, potter or dryer do burn any
1652	Horton Court Books (Wimb St Giles)	Elias Talbot listed as having no right of common
1668-1671	Chalbury Court Rolls and Rentals (Wimb. St Giles)	Ellis Talbot – rent 1/6d each half year
9/10/1671	Horton Court Books (Wimb St Giles)	'We present John Thorne, Christopher King, Luke Downing, Elias Talbot and Richard King for encroaching on the common and not laying it out again by the time formerly limited. Whereby they have forfeited 8/6d apiece. Ordered that they lay it out by 2 nd day of February next upon paine of 10/- a piece.'
1672	Chalbury Court Rolls and Rentals (Wimb. St Giles – E/S/1)	Ellis Talbot – copyhold Tenement or cottage and yard next to the common 0/0/33 Close of arable adjoining 1/2/16 In Elder Hedge Furlong – arable 0/2/22 East Church Hedge Furlong – arable 0/2/33 West Church Hedge Furlong – arable 0-3-05 Allands Furlong – arable 0-3-00
	E/S/7	Ellis Talbot holds Copy dated 14 th April (1648) 24 th reign
	E/S/8	
	E/S/6	Aged 54 Improved value of tenement £3 old rent 3/-
		Elias Talbot's Copy altered to 'the wife of' and later to 'in the lord's hands'
1674-5	M133	Copy altered to 'Nicholas Talbot' 1674 and then Widow Talbot 1675
8/8/1674	Horton Court Books (Wimb St Giles)	'Elias Talbot dead since last court'
1675	M134	Elias Talbot dead since last Court, widow admitted as tenant
1676	M135	Jane Talbot – house out of repair
1684	Horton Court Books (Wimb St Giles)	Richard Lacy to make his hedges against the common and against his neighbour's garden by St Andrew's Day next. We present Thomas Lacy for annoyance of the highway by
		the laying of clay in the heighway heere his house. We present William Frost and Thomas Lacy for laying open the clay pitts in Hay Thonre, and to fill then up by St Andrew's Day.

7.10. Pamphill Civil Parish

7.10.1. General Discussion

The modern parish of Pamphill covers an area of some 2350 hectares. It was formed in 1894 from part of the parish of Wimborne Minster. Pamphill is bounded to the north by Witchhampton and Hinton parishes, while to the east lies Holt, Colehill and Wimborne Minster. The southern boundary comprises Sturminster Marshall and Corfe Mullen, with Shapwick and Tarrant Rushton to the west. The geology of the parish is dominated by chalk and overlying Head deposits, the eastern portion of the parish occupies an area of clays and sands belonging to the West Park Farm group, with sparse deposits of London clay. The RCHME (1975, p.44) notes that the:

"...principal monument in the parish is Kingston Lacy, a mansion and parklands designed by Sir Roger Pratt and built c. 1663, but much altered by Barry, c. 1835. The parish contains a large number of 16th and 17th-century timber-framed cottages".

A portion of the Kingston Lacy Estate is a Grade II Registered Park and Garden (LEN: 1000718); with the House being a Grade I listed building (LEN: 1119511). The most prominent features and buildings in the landscape relate to the Kingston Lacy Estate, such as the vicarage, the Keeper's Lodge and various estate workers' cottages.

7.10.2. Medieval Pamphill

The RCHME survey goes on to state that:

"It is difficult to reconstruct the early pattern of settlement because much of the land lay within the Wimborne group of Royal Manors at the time of the Domesday survey. It is probable, however, that there were at least four early settlements: Bradford and Barnsley in the N. and E., on the Allen, Old Barford in the S.W., on the Stour, and Kingston near the middle of the area, on or near the site now occupied by Kingston Lacy... Later settlement developed in the S.E. area ..., probably because it was close to Wimborne Minster. The hamlets of Pamphill, Cowgrove and Chilbridge were in existence early in the 14th century if not before; they, and perhaps also Tadden, started as open 'greens' in the former woodland. Lodge Farm (11) in the W. of the parish represents settlement on the Chalk at a later period, possibly after enclosure, which appears to have begun early (A. L. Clegg, History of Wimborne Minster (1960))" (RCHME 1975, p.44).

With regard to the Domesday Survey records for the Pamphill area reveal a similar situation to that of Alderholt and Cranborne. Settlements were likely in existence here, but have perhaps been amalgamated with others in the parish of Wimborne Minster, which records over 50 households.

Past investigations within the parish have centred on making further discoveries in terms of Romano-British and Iron Age archaeology; this is due to the presence of Badbury Rings (Scheduled Ancient Monument UID: DO 22), various Roman roads (*i.e.* Scheduled Ancient Monument UID: DO 741) and the military fort at Shapwick (Scheduled Ancient Monument UID: DO 833). This is reflected by the majority of the HER entries for the parish lying within the northwestern portion, near Badbury.

The Church of St Margaret and St Anthony, which lies within Pamphill, is a Grade II* listed building (LEN: 1304525). The building originally formed a 13th century chapel associated with a leper hospital (Page 1908, p.106), the site of which is now occupied by a group of single-storeyed almshouses. The stone house at Lodge Farm has been dated to the 14th or early 15th century, and is thought likely to be a former hunting lodge (Keen and Papworth 1988). The presence of these monuments evidences medieval activity within the parish, beyond that of various farmsteads, as outlined above.

The earliest document known for the Kingston Lacy Estate is held by the National Archives dating to the 1290s (Ref. DL 29/1/1). As it is a summary of accounts for various manors, it is felt unlikely to contain the level of detail usually necessary to record any evidence for ceramic production within the parish. Other documents, such as the Reeve's accounts dating from 1367-1468 (National Archives Ref. SC 6/832/13) may be more beneficial. The work of Le Patourell (1968) shows that searches of Court Rolls can be beneficial. For Pamphill, these run from 1383 (DHC Ref. D-BKL/C/G/1/42) to 1498 (Ref. D-BKL/C/G/ 1/24), and comprise part of the Bankes archive, held by the DHC. A thorough search of these revealed no obvious mentions for pottery production or clay extraction. The sole discovery of interest is that certain accounts in the early 1400s of the manor are recorded by a William Pottell, but there is no obvious link beyond his surname for evidence of pottery production; this evidence alone is not considered strong enough to warrant proof of ceramic manufacture. The Kingston Lacy Manor Reeve's Accounts from 1388–1446 (DHC Ref. D/BKL/C/G/3/2-21) may be of benefit towards the study., in addition to court Rolls of other dates for the Kingston Lacy Manor; these are held by numerous curators, such as Nottingham University (year 1408, Ref. Mi/6/174/7) and Harvard University Law School (years 1430- 1509, Ref. English Manor Rolls/ 82-85). These were not examined due to the costs involved in examination. By the 1480s, the manor house had fallen into disrepair, with the last mentions in historical documents dated to the 16th century; a new house was constructed to the south by John Bankes in the 1630s, which forms part of the house and parkland in use today (Papworth 1998).

Furthermore, records pertaining to a Barnsley Manor at Wimborne, Dorset, that date to the 14th century may be of future interest. The hamlet of Lower Barnsley lies on the northern border of the parish, which would have formerly been part of Wimborne. Relevant documents comprise a survey of 1305, a rental of 1371, and a survey of 1381 (British Library Ref. Tiberius/D.vi); which were not examined as part of this assessment.

7.10.3. Post-medieval Pamphill

As previously mentioned, the Kingston Lacy Estate is the most significant feature in the landscape during this period, and its maintenance, expansion, and influence have had a vast effect on the surrounding parish and estate lands.

In terms of pottery production, there is no evidence of this occurring within the parish during the post-medieval period. Evidence for brick production lies on the eastern boundary of the parish at Stone Lane, Pamphill, and is recorded in the DHER (ref. MDO23444); this is present on the 1880s OS map, along with adjacent clay pits.

7.10.4. Undated evidence for Pamphill

Numerous ponds on the Little Pamphill Common are visible on the 1880s OS map - these lie on areas of London sands and clays, and may represent evidence of extraction for ceramic manufacture. The fact that the extraction comprises recovery of London clay and sand, potentially indicates extraction for cob building construction and/or raw material for brick production, especially as there are known brickworks nearby (see previous).

7.11. St Leonards and St Ives Civil Parish

7.11.1. General Description

The modern parish of St Leonards and St Ives comprises an area of almost 2500 hectares, and is bisected by the modern A31. To the north of the road lies the modern settlements of Ashley Heath, St Leonards and St Ives, and areas further north are dominated by woodland, comprising the Moors Valley Country Park. To the south of the A31 lie extensive areas of heathland, designated as the Avon Heath Country Park. The buried geology of the parish comprises small outcrops of Head deposits, comprising silts and clays to the north, with the remainder of the parish being dominated by various sands, including those of the Branksome and Boscombe groups. Small areas on the western edge of the parish are occupied by superficial deposits of alluvium.

7.11.2. Medieval St Leonards and St Ives

Very little information could be found regarding the nature and extent of settlement and activity during the medieval period for this parish. One piece of information is outlined by Taylor (1970, p.64):

"...by 1086 at the latest, a well-defined area of land was on this part of the heathland was being worked by a group of people living in isolated farms tilling the small irregular fields we can still see there today. This pattern seems to be repeated again and again in this part of the county. There is another small block of land four and a half miles east of Wimborne on the county boundary now known as St Leonard's Common. This was the land of a single farm called Rushton, in medieval documents, which was until the late nineteenth century a detached part of Cranborne parish. Long ago C.D. Drew noted that this Rushton was almost certainly listed in Domesday Book as the formerly unidentified Langeford, and was worked by two villain farmers in 1086."

The Dorset HER records no monuments of medieval date within the parish.

7.11.3. Post-medieval St Leonards and St Ives

Activity during the early post-medieval period for this parish is also very unclear. In regard to quarrying and raw material extraction, one aspect of interest is the presence of a large sandpit, which lies immediately adjacent to the modern A31 (DHER: MDO27593); this is located on the western side of the parish. Similar extraction pits are marked on the 1880s OS map; these are located on the eastern side of the parish, lying south of the Ringwood Union workhouse and Laurel cottage; here, the excavations are recorded as gravel, sand and clay pits. Again, no obvious answer as to the function for extracted materials is apparent; however, the expansive gravel pits are likely to have been related to the construction and maintenance of the nearby road and trackway network.

Other monuments that date to the later part of this period exist within the parish; these comprise listed buildings such as the Grade II listed Ashley Lodge (LEN: 1303758), and Ashley Farmhouse dating from the 17th century (Grade II – LEN: 1323558). Although not a listed structure, the Avon Castle Estate House is thought to be built on the site of a 17th century lodge.

7.12. Verwood Parish

7.12.1. General Description

The Civil Parish of Verwood covers an area of almost 1600 hectares, and is dominated by both clays and sands of the Broadstone Member and Bagshot Beds. Until the late 19th century, Verwood was a part of the parish of Cranborne, thus any records prior to this date will be listed as being located within the Cranborne Parish.

7.12.2. Medieval Verwood

The early history of settlement here is unknown, and the RCHME (1975, p.72) outlines this succinctly:

"The history of the area is one of late settlement; Potterne Farm is not recorded until 1283 nor Verwood itself until 1329. Eastworth Farm is probably another medieval settlement, the Horsith mentioned in documents from 1249 onwards (Hutchins III, 386). The slow clearance and enclosure of the heathland continued throughout the medieval period and later, but it seems to have accelerated in the late 18th century; even by 1811, however, settlement was largely confined to the W. and N.W. of the parish (O.S.1811)."

Fagersten (1978, p.107) notes that the Verwood place name derives from '*Fair Wood*' meaning beautiful wood, and is in use from the medieval period, evolving into its modern form from the 1300s (Table II.14).

Date	Name
1329	Fairwod
1412	Fairewode
1416	Le Fairewode
1436	Fayrwod

Table II.14: Verwood Place Name History (after Fagersten 1978)

The farm to the south of Verwood is named Potterne Farm; this is present on every map consulted, dating from the 19th century onwards. No maps earlier than this date showing this area could be identified. Fagersten (1978, p.108) notes that this name derives from the old English for 'pot-shed' or workshop. He goes on to state that the addition of 'Wimborne' to the name potentially could relate to the settlements vicinity to Wimborne St Giles rather than the town of Wimborne Minster (Table II.15). This is present on the 1811 OS map as '*Potters Farm*'; the nearby enclosure at Potterne Hill (to the north of the farm) is also present on the same 1811 edition.

Date	Name
1283	Poterne
1384	Wymborne Poterne
1396	Poternewimborn
1430	Wymborne Potterne

Table II.15: Potterne Place Name History (after Fagersten 1978)

While neither Potterne or Verwood/Fairwood is mentioned in the Domesday Survey, the now lost settlement of Letisford is. This has previously been noted as being a hamlet near Cranborne (Powell-Smith 2018); however, Fagersten (1978, p.101) notes that this may lie closer to Verwood as the place names occur together in a 1416 reference. Wake-Smart and Hawkins (1983, p.173) notes that the settlement may relate to East Worth. The evolution of the place name is outlined in Table II.16.

Table II.16: Letisford Place Name History (after Fagersten 1978)

Date	Name
1086	Levetesford
1169	Luuedesford
1244	Leftesford
1329	Lestisford
1416	Lestesford juxta le Fairwode

An archaeological evaluation at East Worth (Garner 2016) revealed that deposits of Anglo-Norman date, occur in a land parcel immediately south of Edmondsham Road, lying to the southwest of modern Eastworth Farm. This area also contains a high concentration of archaeological evidence for high to late medieval deposits, and comprises the most promising area of medieval habitation in the immediate area west of Verwood. This area may represent the lost village of Letisford and it is hoped that the entire portion of "Site 2/A" in Garner (2016, Fig. 23) will be subject to intensive archaeological excavation. As medieval habitation can be shown to be taking place here, and post-medieval pottery production (see VER2 in Appendix I in thesis) possesses an early start date (17th century) the site has particular importance for both past pottery production but for understanding the dispersed nature of medieval habitation in east Dorset.

A number of medieval, or later, closes were recorded by the RCHME (1975, pp.72-4); the entry for these outlines that:

"...sixteen or more (closes), now deserted, cover some 60 acres on Lower Common. They vary in area from 2 to 10 acres, are roughly rectangular and are bounded by low banks and ditches. Twelve closes form a compact group around (SU) 099060, but they are not all contemporary. Single closes exist in the W. in fragmentary condition. Since none is shown on O.S. 1811 the closes appear to have been abandoned before that date."

This reinforces the suggestions of others that settlement and landscape usage during the medieval period onwards is restricted to small, dispersed farmsteads, generally lying on the outer regions of an area which would later develop into the town of Verwood.
7.12.3. Post-medieval Verwood

While there is a wealth of evidence (Draper and Copland-Griffiths 2002) for pottery production during the late post-medieval and modern periods of history, evidence for pre-18th century production is relatively sparse. For the most part, it appears to be confined to the fringes of the modern town; as evidenced by the site at Burrows Farm, East Worth, a potential scatter of wasters near to Eastworth Farm (Algar *et al.* 1987) and a previously unrecorded pottery kiln at Ebblake, Verwood, which was discovered prior to the extension of an industrial estate.

The kiln at Ebblake (VER13 in gazetteer) was previously unknown and identified via a surface scatter of Verwood-type pottery. The site was excavated by Alan Graham, employed by the Verwood and District Potteries Trust, with support from the Dorset Archaeological Committee in 1997. Permission was granted by the then landowner to undertake a geophysical survey (comprising magnetometry by Bournemouth University), topographic survey (transects recorded by Bournemouth University - using total station) and subsequent excavation on land to the rear of the Ebblake Trading Estate, as no planning condition regarding archaeology was attached to the permission granted for a new car park. The excavation recorded the presence of a heavily demolished kiln with numerous pottery wasters. The kiln was built of brick, and the construction cut for it was of a squared shape in plan. The pottery dated to the 17th to 18th century, and post-excavation analysis is currently being undertaken on a voluntary basis. It is hoped that the work of volunteers supervised by the author of this report, will allow this information to be brought into the public domain.

The site of Burrows Farm lies within the complex of farm buildings, and has seen what appears to be almost complete destruction. The kiln mound is visible on both the 1880s and 1901 OS map, and continues to be recorded on maps until 1984, when it ceases to be represented. The land is held privately, thus it has not been possible to visit the site, but it is not present on recent satellite photography, nor is it present in LiDAR data dated 2014 onwards.

The potential site in vicinity to Eastworth Farm (VER2 in gazetteer), remains somewhat of an enigma. The presence of the site was highlighted by Young (1979, pp.105-6) who was informed of the existence of a kiln mound opposite the farm within living memory (presumed to now be the site of the dwelling known as The Old Granary). This was supported by the presence of scatters of wasters discovered in vicinity to the crossroads upon which the farm sits, along with a small number of historic documentary references (Algar et al. 1979, p.35). Archaeological recording undertaken during the creation of a pathway at the aforementioned dwelling, located at the corner of Eastworth Road and Edmonsham Road recorded numerous almost complete discard vessels and numerous potential wasters (Copland-Griffiths 1996). Recent investigations in the vicinity (Garner 2016), ahead of development. found no physical evidence for kilns; however, expansive pits, possibly relating to clay extraction, contained amounts of Verwood-type pottery. The investigations recovered few obvious wasters (28 in total, weighing 1318g - Garner 2016); all of these were recovered relatively close to the aforementioned crossroads. The substantial amount of medieval pottery recovered from features of this date during the investigations, highlights the presence and intensity of medieval activity in this part of the modern parish of Verwood.

The RCHME (1975, p.72) notes that the area comprises relatively late settlement development; this is supported by the presence of numerous post-medieval buildings in the parish. The majority of these comprise cob-built structures dating to the 18th century, and likely represent former cottages; most are Grade II listed structures. A small number of

larger listed buildings exist, such as Potterne House (LEN: 1120093); a Grade II listed farmhouse. The building has elements of late 17th century architecture, and its position may relate to that of a former manor house, as outlined in the listing description.

A comparison between the 1811 OS map and that dated 1880s highlights the rapid enclosure and clearance of the heathland, which until that time, had most likely been a slow process from the medieval period onwards. It is thought likely that the various ceramic industries of the area helped fuel this clearance, and the development of the heathland encroachment.

The Verwood area is most well-known as a late post-medieval and modern potting centre. The sites that comprise this part of the east Dorset ceramic tradition are outlined in the accompanying gazetteer, and lie beyond the scope of this document.

7.13. West Moors Civil Parish

7.13.1. General Discussion

The parish of West Moors is relatively small, containing an area of less than 875 hectares. Formerly, this was part of the parish of West Parley, it is bounded to the north by Verwood, with St Leonards and St Ives lying to the east, Ferndown to the south, and Holt to the west. Four DHER monument records are noted for the entire parish, with only one of these being of medieval date; this comprises the possible site of St Leonards Hospital (Ref. MDO6222). In terms of below ground geology, the parish is almost completely dominated by sands of the Branksome and Parkstone groups, with amounts of Broadstone clays confined to the peripheries along the parish boundaries. This, along with a long history of human utilisation of the landscape, has led to extensive heathlands and areas of forest across the parish.

RCHME (1975, p.74) notes that:

"St. Leonard's farm, at the confluence of the two streams (Udden's River and Moors River)..., occupies the site of the mediaeval settlement of Ruston; this, with associated lands on the N., formerly belonged to Cranborne and it has been suggested that it represents the Domesday 'Langeford' (V.C.H., Dorset iii, 74; Dorset Procs., 64 [1942], 41)."

Although not listed structures, the RCHME (1975, p.74) outlines three farms of importance. These comprise Woolslope Farm, Gullivers Farm, and Sturt Farm. The farmhouses are all of post-medieval date, however the origins of the settlements potentially could be much earlier.

7.14. Wimborne Minster Civil Parish

7.14.1. General Discussion

The modern civil parish of Wimborne Minster is very small in comparison to the area's historic bounds which, until 1894 previously contained Colehill, Pamphill and part of Holt. As of 2018, the parish contains an area of some 420 hectares, compared with the almost 4850 hectares that it contained prior to 1894. The entirety of the town lies within the parish, with the earliest part lying upon a low promontory of river terrace gravels between the Rivers Allen and Stour. To the west of the River Allen, the below ground geology comprises clays of the West Park Farm Group. The eastern side of the River comprises silts, sands and clays

of the London Clay Formation; all of these are overlain by River Terrace deposits, comprising gravels, silts and sands. The parish is bounded to the north and east by Colehill, with the parish of Pamphill lying to the west, and the borough of Poole and Bournemouth lies to the south. The town possess a wealth of 15–17th century buildings.

7.14.2. Medieval Wimborne Minster

Wimborne boasts one of the earliest religious foundations in the county, originally taking the form of a nunnery built here at the beginning of the eighth century. The Saxon monastery was built by St. Cuthburh or Cuthburga - the daughter and sister, respectively, of the Wessex kings - Kenred and Ine (Page 1908, p.107). Page (1908, p.108) highlights the importance of the town and the veneration paid to its Minster throughout the Saxon period. Penn (1980, p.121) outlines that Wimborne possessed a "double monastery" of both monks and nuns; such an arrangement was outlined in AD836. The importance of both the town and the monastery is outlined by the burial of the Wessex King Aethelred in 871; although, it has been debated that Sherborne may also be a likely resting place. Penn (*ibid*) continues to discuss how there is no additional evidence of the town at Wimborne until the Domesday Survey of 1086.

The complexity of the manor holdings in the Domesday Survey for the Wimborne area has previously been outlined in relation to the parish of Pamphill. This has been reinforced by Darby and Finn (1967, pp.117-122) who argue that, despite containing burgesses along a church and chapel, Wimborne was not a borough. The survey records that Wimborne Minster was held by the King, along with Shapwick, Moor Critchel and Wimborne St Giles. These contained a combined population of 63 villagers, 68 smallholders and 7 cottagers. The settlement was likely a minor agricultural market town, with the market being mentioned in both 1086 and 1224. The Lay Subsidy Roll of 1334 documents that the town was valued for tax at 67 shillings; this can be compared to the larger market town of Dorchester - which was valued at 92 shillings - the port of Bridport valued at 99 shillings – which evidences that, at this time Wimborne Minster was a market town of medium to low prosperity.

Additional places of interest which lie within close vicinity to Wimborne, which may have been located or partially within the modern parish are settlements such as those of Leigh (three households), which likely lies between modern Wimborne and Colehill; Odenham (unknown population), and Walford (three households) both lying on the northern boundary of the parish.

Excavations at the Lease, located within the southern portion of the town, reveal that this area was a planned settlement from at least AD1200; this was subsequently abandoned by the 14th century, possibly due to the Black Death (Field 1973). Additional excavations in the town have highlighted numerous medieval pottery sherds of potential east Dorset origin. These comprise the old Model Town Site (Cox 1993), Wimborne Town Square (Ladle 2010) as well as work undertaken by Wessex Archaeology (Woodward 1984; Coe and Hawkes 1991).

In terms determining evidence of pottery production within the parish, no clear evidence has been identified in this search. One might expect pottery kilns to exist in an urban setting, even those within relatively agricultural regions, such as Dorset. Such a kiln was identified recently at Wareham, near to the castle ditch (Milward 2017). The presence of high temperature industry has been previously identified in the town, as exhibited by Kiln/Oven 31; this was discovered as part of excavations at the Crown Hotel (Woodward 1984). The nature of this oven, being built of brick, comprising a brick floor, a single firebox and circular

firing chamber - closely resembles a smaller version of the kiln types of the Verwood district. However, while small amounts of tile are present within the deposits associated with the kiln, no pottery wasters were recovered from the site, thus the feature is more likely to be an oven of some kind rather than a ceramic kiln.

The Wimborne Manor Court Rolls held by the DHC (Ref. D/BKL/C/J/1-6) run from 1372 – until at least 1400. A thorough search of these presented no conclusive evidence for mentions of pottery production nor raw material extraction. Evidence held within the Wimborne and Kingston Lacy Manor Reeve's account (1367–1468) could hold information of value such as fines and rentals for clay extraction, these are held by the National Archives (Ref. SC 6/832/13), but as they cover numerous manors, the records may not be detailed enough.

The 1400s accounts pertaining to the Wimborne Manor, may also be of future interest. These are held by the various sources, including the DHC (years 1455-7 - Ref. D/BKL/C/J/3/1-3; years 1471-7 - Ref. D/WLC/M 200) and the British Library (years 1426-7 - Ref. Harl. Roll/N/31).

7.14.3. Post-medieval Wimborne Minster

The small size of the population of the town continues to be a prevalent feature into the postmedieval period:

"Late in the 17th century the population numbered only 750, of whom 140 lived in the Manor of the Borough. In the 18th century the population increased but slowly, although the aspect of the town was improved by the construction of a few town houses. The character of a small Georgian country town persists in spite of modern changes; even by 1921 the population had risen only to 3,683, and much of this was in consequence of late 19th-century development of the land on the E. of the Allen." (RCHME 1975, p.78).

Historic records exist for the aforementioned Manor of Leigh, which lies close to the border between the parishes of Colehill and Wimborne. Two series of Court Books are held by the DHC, the first date from 1594-1612 (Ref. D/HNM/C/1/1), and the second from 1627-79 (Ref. D/HNM/3/1) - both may be beneficial for future research.

7.15. Wimborne St Giles Civil Parish

7.15.1. General Discussion

Wimborne St Giles is a relatively 'L-shaped' parish that extends north – south with a south eastern spur. This parish is bounded to the north by that of Sixpenny Handley and Pentridge, with Cranborne lying to the northeast, Edmondsham to the east, and the parishes of Woodlands and Gussage All Saints lie to the west and south, respectively. The geology is highly variable across the parish; the bulk of the parish sits on chalk, with the south eastern spur sited upon the clays, silts and sands of the Reading and London beds. This parish holds particular potential for raw material extraction for pottery as the band of Reading clay which passes northeast to southwest across east Dorset and is particularly thick here (c.1km). In terms of archaeology, the parish is dominated by prehistoric burial mounds such as the Oakley Down Barrow Group, the Drive Plantation Group and the Salisbury Plantation

Group, all of which are located towards the north of the parish, and post-medieval articles such as the St Giles Estate. Medieval features, such as deer parks, are relatively overshadowed by the presence of earlier and later features. Three villages lie within the parish of Wimborne St Giles; they comprise Sutton Holms, Wimborne St Giles and Monkton Up Wimborne.

7.15.2. Medieval Wimborne St Giles

Wimborne St Giles is noted in the Domesday Survey alongside the entry for Moor Crichel, Shapwick and Wimborne Minster. Comments on the historic size of the parish is difficult to ascertain due to the amalgamation of settlements as limited entries.

The RCHME (1975, p.92) notes that:

"The parish contains several early settlements. Four in the Allen valley are mentioned in Domesday. Monkton Up Wimborne in the N.E. was part of Cranborne until late in the 19th century. Next is Wimborne All Hallows, a separate parish until 1733; the site of the church is known, but almost nothing remains. Further S.E. the village of Wimborne St. Giles stands near the centre of the parish. To the S. of St. Giles lay Philipston, now deserted (Dorset Procs., 88 [1967], 210). Roughly rectangular landblocks associated with these settlements are still defined by continuous hedge-lines. Oakley Farm on Oakley Down was a separate settlement within Monkton Up Wimborne; it existed in 1333 and probably earlier.

Much of the S.E. part of the parish, on the Reading Beds and London Clay, was a detached part of Gussage St. Michael until the 19th century. It contains the scattered hamlet of Sutton Holms, of which the history is not documented."

With regard to the Wimborne St Giles Estate, the following is taken from the entry for the Grade ii* Registered Park and Garden, which form the grounds around St Giles House:

"In the late C14 the manor of Wimborne St Giles passed by marriage from the Plecy family to Sir John Hamley. When Sir John died in 1398, the property was inherited by his daughter by his second marriage, who was the wife of Robert Ashley. The estate has remained the property of the Ashley and Ashley Cooper family ever since.

In the late C16, the estate was inherited by Sir Anthony Ashley, Clerk to the Privy Council, who is said to have introduced from Holland, and grown at St Giles, the cabbage (CL, 1904). When Sir Anthony died in 1627 the estate passed to his only daughter who was married to Sir John Cooper of Rockbourne, Hampshire, and was mother to Sir Anthony Ashley Cooper.' (Historic England 2018)

Manor Farm at Monkton Up Wimborne possesses a farmhouse of 16th century origin with various later extensions; it is a Grade II listed building (LEN: 1120128).

Two parks lie within the parish (Cantor and Wilson 1969, p.246-7). The first, Rye Hill (Sumner 1919), appears to have provided more of an amenity function for the manor rather than performing the more common role of deer park or chase (Cantor and Wilson 1969, 246). The second area, known as 'Deer Park Farm', is more likely to have served a role as an enclosed deer park or hunting ground, evidenced by the occurrence of ponds as outlined by Cantor and Wilson (1969, p.246-7). However, little history is known regarding either park, which suggest they may both be late additions to the landscape there.

Wimborne St Giles Manor court rolls cover the dates 1366-1496, these are held privately by the Shaftesbury Estate (Ref. M61 -86). Later rolls for this manor, dating from 1497-8 are held by Havard University Law School (Ref. English Manor Rolls/125). A gap in these rolls exists until 1500 when various fragments of documentation take the records up until 1600 (Shaftesbury Estate Ref. M115). These have not been examined as part of this study due to the costs involved and remain as potential avenues for further investigation.

7.15.3. Post-medieval Wimborne St Giles

As previously outlined for this parish, the house within the St Giles Estate has had a dramatic effect in remodelling significant aspects of the landscape. The park is a Grade ii* Registered Park and Garden (LEN: 1000723), while St Giles House itself is a Grade I listed building (LEN: 1120129). Construction for this started in the 1650s, and various alterations can be dated to the 1740s and 19th century. The house has recently undergone a phase of restoration and consolidation.

Other prominent features exist in the landscape of this date such as the Church of St Giles. This Grade I listed building (LEN: 1120134) has probable medieval stone work within the fabric of the north tower. The main body of the church dates to 1732, with 20th century additions. Numerous cottages of post-medieval date exist throughout the parish, the majority of which formed part of the accommodation for estate workers.

The remains of a substantial brickworks lie near Sutton Common; this is shown on the 1880s OS map, situated on the northern edge of Boys Wood. Later mapping suggests the site continues production into the 20th century and is now a mixture of residential housing, timber works and commercial enterprises.

The Court Books for Monkton Up Wimborne run from 1592–1851; these are held privately by the Shaftesbury Estate (Ref. M147-8). Due to this and the relatively late date of the records in relevance to this study, these have not been examined.

7.16. Woodlands Civil Parish

7.16.1. General Discussion

In comparison to other parishes included in this study, the parish of Woodlands is of medium size, and is often considered alongside its neighbour, Horton (lying to the east and south). Woodlands was created in the 19th century, comprising the hamlets of Knowlton, Baggeridge and Woodlands, which formerly lay within the parish of Horton (Hutchins 1873, p.150). The parish of Gussage All Saints lies to the west, and that of Wimborne St Giles forms the northern boundary. The geology of the parish can almost down the middle, with the western half dominated by chalk, while clays, sands and gravels lie to the east; small outcrops of sands and clays of the Reading and London beds overlie the chalk at areas such as Knowle Hill. The geology of the Reading Beds, followed by sands, silts and clays of the London beds; the eastern boundary between the parish of Woodlands and Horton lies on Broadstone sands and gravels. The parish contains numerous villages such as that of Whitmore, Haythorne and Woodlands; various hamlets and farms also exist, such as Matterley Drove Farm, Knowle Hill, Bagman's Farm and Woodlands Manor Farm. The villages of Whitmore and Woodlands has seen considerable expansion, which can be

charted from the 1901 OS maps to the modern day. In similarity to the civil parishes of Hinton and Pamphill, Woodlands has seen considerable archaeological investigations into the nature of the prehistoric activity here (Field 1963; Allen 1995; Burrow and Gale 1996). These investigations have centred around the Knowlton area, examining the scheduled henge complex (UID: 35209) and surrounding scheduled barrow group (UID: 35210). The presence of the ruined medieval church (Grade II* listed building LEN: 1120071) situated within the former henge monument, has been a focus for various studies, these have mostly concentrated on the western extent of the parish (*e.g.* Beresford and Joseph 1979, pp.49–52).

7.16.2. Medieval Woodlands

The only settlement mentioned within the Domesday Survey for the parish of Woodlands is that of Knowlton. At least 19 households are mentioned in one entry, while a second combines numerous entries held by the king including Winfrith Newburgh. The site of the now deserted medieval settlement at Knowlton is a scheduled ancient monument (UID: 35212), thus it is difficult to envision that this and Brockington comprised two separate settlements – with one part lying either side of the river - an association between the two should not be readily discounted. The RCHME (1975, pp.112-114) has recorded significant earthworks for this deserted medieval settlement and a detailed plan can be found within that volume. Fagersten (1978, p.86) notes that Knowle Hill – a place which still exists today and stands as a rounded outcrop of Reading and London beds overlying the chalk, and appears as '*Cnolle*' from at least AD1212. It may be that this significant landscape feature has provided the name for the settlement currently known as Knowlton, which lies within 2km to the east. Fagersten (*ibid*) subsequently lists the evolution of the place name for the settlement we know as Knowlton; this is outlined in Table II.17.

Date	Name
1086	Chenoltone
1212	Cnolton
1237	Cnouton
1250	Chnoldon
1332	Knolton

Table II.17:	Knowlton Plac	e Name Evolution	(after Fa	aersten ⁻	1978)
			(30.000.	,

In the 14th century the settlement of Knowlton is certainly of relative prominence, as the Lay Subsidy Roll for 1332 records the settlements of Long Critchel, Gussage All Saints, Knowlton and Wimborne St Giles as lying within the 'Knowlton Hundred'; a total of 28 inhabitants are listed for Knowlton.

To the east of Knowlton, situated between North Farm and Knowle Hill lies a concentration of medieval pottery recovered from field walking (DHER: 3 028 09). This area has been suggested as the site of the medieval deserted settlement of Baggeridge (DHER Ref. MDO6490). Both the nearby Bagman's Lane, a medieval routeway nearby Bagman's Farm, and Bagman's Copse, support this hypothesis (RCHME 1975, p.111). Taylor (1967, pp.209-10) notes that Baggeridge is mentioned in both AD1273 and 1325, and is likely to have been a small scale settlement or farmstead.

At the eastern end of the parish lies the former deer park of Woodlands Park (DHER 3 028 088), this area is now used as a golf course.

One part of Woodlands Farmhouse - a Grade II* listed building (LEN: 1303380), contains elements datable to the 16th century, while the remaining elements date to the 17th century onwards.

While the parish contains no clear evidence for potting datable to the medieval period, a number of sources may contain references pertinent to future investigation. One such source comprises the Court Rolls for the Hundred of Knowlton, which list information for the years 1355–1587; these are held at Nottingham University (Ref: Mi 5/164/1-52). A number of surveys and deeds for rentals date from 1382-1585, which are also held by the University, these pertain to a number of different manors including Woodlands (Ref. Mi 5/166/1-80). All of the aforementioned records may contain references to pottery production and raw material extraction, but have not been examined as part of this study due to the costs involved in searching such a vast amount of archival documents.

7.16.3. Post-medieval Woodlands

As with the evidence for the medieval period, there is no clear evidence for pottery production in this area during the post-medieval period.

A number of chalk pits lie at the western end of the parish, such as Ash pit, Yewtree pit and Marland pit (all present on 1880s OS map). These may be associated with the presence of a lime kiln (DHER: 3 028 099), which is also shown on the same map. At the eastern end of the parish an extensive array of probable gravel pits lie on the Bracklesham beds; these are all cut into the former Woodlands common. It is felt likely that these do not relate to pottery production, and may instead be associated with the former brickworks at Sutton, which lies to the north in the parish of Wimborne St Giles. A large pond that may represent a former clay extraction pit is visible to the south of a structure known as 'The Round House', which is situated on the outskirts of the village of Woodlands.

Beyond this numerous post-medieval houses date from the 17th century onwards, these comprise a mixture of cottages and farmhouses, which highlights the past nature of the economy for this area.

8. Part Two – Hampshire Parishes

8.1. Damerham Civil Parish

8.1.1. General Discussion

Damerham is a parish located on the Hampshire-Dorset border, comprising a total area of 1891 hectares. In 1895, the parish of Damerham, which historically lay within the Hundred of Fordingbridge, and transferred from Wiltshire to Hampshire. The manor of South Damerham is an ancient one, being previously held by King Alfred and later King Eadmund who, in AD940-6, passed the manor to his queen Athelfleda, who then bequeathed the land to Glastonbury Abbey (Page 1911). The western boundary comprises the parish of Cranborne, with Martin to the north, and Rockborne and Sandleheath to the east. The geology is dominated by chalk, with deposits of Reading group sands to the east and sands, gravels and clays to the south.

8.1.2. Medieval Damerham

Damerham (*Dobreham*) is recorded in Domesday as comprising 80 households, which consist of 14 villagers, 22 smallholders, six slaves and 38 freedmen. The entry is likely an amalgamation of several farmsteads within a given area – all owned by Glastonbury Abbey. This is considered likely when the population is compared to nearby market towns, *e.g.* Cranborne at 37 households, and Wimborne Minster c.50 households (both were considered relatively prosperous market towns at the time).

The only evidence discovered in relation to the occurrence of pottery production within the parish is that presented by Le Patourell (1968, Table 3), who notes a potter in Damerham holding a virgate (c.30 acres) of land there in 1260. A letter in the Copland-Griffiths collection held by the Museum of East Dorset (awaiting accession) show that Copland-Griffiths wrote to Le Patourell regarding further information in 1979. This showed that the Damerham information relates to a pottery related surname. However, at Laverstock, Le Patourell writes that by the 13th century this surname "is no longer a sure indication of working potters" (La Patourell 1968, p.117). This makes the Damerham surname a less reliable indicator for potting in mid-13th century Damerham than previously considered (Le Patourell 1968, p.121).

A deer park is recorded as lying within the parish in the Hampshire HER within the parish (HHER:63294). This is mentioned in records dated 1226-7, and 1283 (Page 1911). The nearby Stapleton Farm appears to have been a separate holding, first documented in AD1189 (HHER:38924), and with further mentions in the 15-16th centuries.

The medieval importance of the village is attested by the 12th century origins of the Grade I listed Church of St George (LEN: 1094925). The church contains various 13-15th century additions and alterations. A preaching cross of Grade II listing also lies in the village. Barns within the area of Court Farm House display evidence of being late medieval in date, with one small barn having late medieval origins, but this was rebuilt during the 17th century (LEN: 1350968). A larger tithe barn (LEN: 1094886) shares this early date of construction, having alterations datable to the 18th century. The Manor House, an 18th century Grade II* listed building (LEN: 1350950) contains elements of 14-15th century architecture, which have possibly been reused from remodelling of the nearby church.

8.1.3. Post-medieval Damerham

The village contains numerous examples of rural cottages of post-medieval date, including Parvins Cottage (LEN:1157810), Old Cottage (LEN: 1094893) and Meridian Cottages (LEN: 1157520); the majority of these date from the 17th century onwards, and all are Grade II listed. Farmhouses of interest comprise, Old Channel Hill Farmhouse, a Grade II listed 16th century building with 18th century remodelling (LEN:1094889); Channel Hill Farmhouse, a Grade II listed building with 17th century origins (LEN:1094888); and, Manor Farm House, a Grade II listed (LEN: 1301446) of 18th century date, with numerous later additions.

These reinforce the rural agricultural nature of the parish and complement the lack of documented evidence regarding any ceramic production within the parish for either period.

Numerous chalk pits are located towards the southern extent of the village, which are clearly presented on late 19th century OS maps. These are likely to relate to agricultural lime burning and spreading.

8.2. Ellingham, Harbridge and Ibsley Civil Parish

8.2.1. General Discussion

The parish of Ellingham, Harbridge and Ibsley is exceptionally large, possessing an area of 5370 hectares. To the west lies the parish of Verwood, with Alderholt, Fordingbridge, Hyde and Bramshaw to the north, Minstead to the east and Burley to south. The geology here is dominated by sands of the Parkstone and Selsey group with discrete pockets of Broadstone clay. Several small settlements lie within the parish, including Harbridge, Mockbeggar, Ibsley, South Gorley and Ellingham. The modern landscape comprises vast expanses of heath and pockets of forest, these form part of the New Forest National Park, which covers the majority of the eastern half of the parish. There is substantial evidence for pottery production during the Romano-British period; this is mostly centred around the Linwood area in the north where several kilns (HHER: 20957, 20960, 20899, 20900, 20950, 20951 and 27771) and pottery waste have been identified.

8.2.2. Medieval Ellingham, Harbridge and Ibsley

There is ample evidence for medieval occupation and land usage across this parish, aided greatly by the work of the Avon Valley Archaeological Society (*e.g.* 1994). In more recent years, archaeological investigations undertaken prior to sand and gravel extraction, which is commonplace across vast tracts of land around Plumley, Harbridge and Ibsley, has greatly improved the understanding of parts of this landscape. The Domesday Survey provides ample evidence for the dispersed nature of small settlements in the area, which is similar to that seen in south and east Dorset. The survey records Harbridge as comprising 10 households with a value of £3, while North and South Gorley have been amalgamated into five households, with one mill and a value of £3; Ellingham, which constitutes a similar sized settlement of 20 households, a mill and £3 value in tax; while Rockford, being larger but less prosperous, comprises 22 households valued at £1 and 10 shillings.

The continued habitation of these small settlements beyond the date of the survey can be corroborated by the date of certain elements apparent in the church buildings that lie within the parish. For example, the Church of All Saints in Harbridge has a 15th century tower, despite being an 1840s rebuild. The church in Ellingham has elements dating to the 13th

century, with 15-18th (LEN: 1156533). In contrast, other church buildings within the parish have a relatively late date of construction, *e.g.* those of Ibsley and Somerley.

The dispersed nature of the settlement in the medieval period is highlighted by the Avon Valley Survey (Light *et al.* 1994), with additional information - held in the Hampshire HER. In the west and south of the parish medieval pottery scatters are noted west of Cobley Wood (HHER:29737) and close to North End Farm, along with house platforms (HHER:29751). In the vicinity of Harbridge, medieval pottery scatters are noted near Harbridge Farm (HHER:29416) and Turmer (HHER:29412-3). Additional medieval pottery scatters suggest the presence of habitation during this time near both Ibsley (HHER:29422) and Mockbeggar (HHER:29353). The associated detailed results of these artefact collections note no wasters included within them, but these may be difficult to identiify without the inclusion of glazed products (see Chapter 4 and 5 of thesis). During this time, agricultural activity is clearly of prime economic importance in the area; this is demonstrated by the presence of former field systems at Harbridge (HHER:59504), where potential medieval ponds are also recorded (HHER:59505).

The importance of the main Ringwood – Fordingbridge Road, via Ibsley, throughout the late medieval and into the post-medieval period (shown on the 1811 OS map, and approximately the current route of the modern A338) is highlighted by the presence of the Old Beams Inn, a Grade II listed Public House with 17-18th century additions (LEN: 1156477).

8.2.3. Post-medieval Ellingham, Harbridge and Ibsley

Numerous cottages within the area are protected as listed buildings, including Clover Cottage, near Harbridge (LEN: 1095002), which is a Grade II listed building of 16th century date; later such buildings include Gorley Green Cottage (LEN:1302681) and Thatched Eaves Cottage (LEN:10950141). The presence of many such farmhouses in the area highlights the importance of historic agriculture for this area, these include - North End Farmhouse (LEN:1095006), Ellingham Farmhouse (LEN:1350911) and Newton Farmhouse (LEN: 1095020) all Grade II listed with 17-18th century origins.

There is evidence of a late post-medieval brickworks lying near to the Dorset border at Somerley, plus an *'old brickworks'* is also noted there; this suggests that production has occurred over an extensive period of time.

Prior to the modern mass-extraction of materials, there were various small–scale extraction pits present on the late 19th century OS maps – these were recorded on Nea and Ashley Heaths, encompassing Harbridge, Ibsley, Rockford and Plumley Heath.

In terms of Verwood-type pottery production, the only two kilns known to lie within Hampshire, comprising two pottery kilns at Harbridge; these have been recorded as HAR1-2 in Appendix I of the associated thesis. HAR1 can be dated from 1726-1830s (Algar *et al.* 1987), where the site was run by Thomas Sutton and later a William Hart. The site is closed prior to the completion of the Tithe map, possibly in the 1830s. Little is known regarding HAR2 (HHER: 29727).

8.3. Fordingbridge Civil Parish

8.3.1. General Discussion

The Parish of Fordingbridge is a small to medium sized parish of some 1383 hectares in area. The geology of the parish can be simplified into a northern and southern half, with the north comprising London Clay, and the south comprising sands, clays and gravels of the Poole Formation. The parish is bordered by Alderholt, Sandleheath and Rockborne to the west, with Breamore to the north; Godshill and Hyde form the eastern boundary, while Ellingham, Harbridge and Ibsley lie to the south.

The area contains one major settlement – the town of Fordingbridge - plus smaller villages and hamlets such as Upper and Lower Burgate in the north and Bickton to the south. Two large farms, Highfield and Midgham, lie in the west of the parish.

8.3.2. Medieval Fordingbridge

Three locations within the parish are noted in Domesday; these comprise Fordingbridge, Midgham, and Bickton.

Fordingbridge (*Forde*) totals 13 households, with two mills and a church; the value of £3 shows this to be a very small settlement, which at this time, was smaller than that at Horton in Dorset. The settlement at Midgham (*Mingeham*) as it is recorded in the survey comprises 12 households, with split ownership. This suggests at least two settlements; one of eight smallholders held by Alwy son of Turber valued at 13 shillings, and a second comprising four smallholders held by Edeva – valued at 13 shillings. The final entry listed in the survey comprises Bickton (*Bichetone*), which is the largest within the modern parish. This entry groups together four villagers, 10 smallholders and four slaves (18 households) all held by Earl Hugh of Chester, with 30 acres of meadow four ploughlands, forest and one mill, all valued at £5.

The place name Fordingbridge stems from the bridge at the settlement of 'Forde' – as it was recorded at the time of Domesday (Coates 1993, p.78). The presence of a bridge here is attested in the 13th century when the bailiff of the town is granted money for its repair (Page 1911). The growing importance of Fordingbridge is corroberated by Light and Ponting (1993, p.3) who note that by the 13th century "the church had become the head of its deanery"; this highlights the importance of Fordingbrdige as an ecclesiastical centre on the River Avon. The Church of St Mary has 12th century origins with 13-15th century alterations, and is Grade I listed (LEN: 1350974). A setting for a church cross of 15th century date is noted near the Church (HHER21580). This small market town is considered to have historically had a tiny hinterland, probably comprising a sphere demarked by the nearby villages of Beamore, Whitsbury, Rockbourne and North and South Gorley, highlighting the low importance of Fordingbridge in comparison to that of Ringwood, Cranborne and Downton (Light and Ponting 1993, p.3). Harding and Light (2003, p.132) note that by the late 13th century Fordingbridge comprised three manors: Rectory Manor of Woodfidley (including Parsonage Farm), Burgate, and Fordingbridge itself. The growing importance of Fordingbridge is emphasised by the presence of the scheduled ancient monument and Grade II* listed (LEN: 1301381) stone bridge across the Avon, which is dated 14-15th century with various additions; this now forms part of Bridge Street. Furthermore, a fulling mill with potential origins in the 1440s is noted in the Hampshire HER (ref. 29716). While no clear reference to markets can be documented prior to the 16th century (Light and Ponting 1993, p.22), it is thought likely that the centre would have held them, given the growing importance of the settlement in the 13th century and increasing fortunes in later years. The position of one market is somewhat unclear, although a market cross is mentioned in the 16th century at the west end of Bridge Street; a fair was held on the 15th August (Feast of the Assumption) and is noted from the 15th century (*ibid*). The location of a second market is noted by Harding and Light (2003, Fig. 2) at the junction of High Street, Provost Street and Bridge Street.

Additional places of settlement datable to the medieval period and lying within the parish are noted in the Hampshire HER; these comprise a scatter of medieval pottery near Midgham Farm (HHER:39026), with an additional scatter to the southwest (HHER:29741). Further habitation in this area is suggested by ceramic debris to the south (HHER:39026); additional scatters are noted southeast of Bickton (HHER:29848) and to the south of Fordingbridge, to the west of Toad House (HHER:29762). There is historic documentary evidence of settlements located at both Redbrook Farm (HHER:39209) and Ashford (HHER:39204), which is datable to the 13th century.

No information regarding a medieval ceramics industry in the Fordingbrdge area (as determined by modern parish bounds) could be identified.

8.3.3. Post-medieval Fordingbridge

The presence of various cottages and farmhouses within the near hinterland of the town is in keeping with the economy of the wider area; primarily one of agriculture from the late medieval to post-medieval period. This is evidenced in various listed farmhouses such as Parsonage Farmhouse – Grade II listed (LEN: 1166661); Lower Burgate Farmhouse – Grade II listed with 15th century origins (LEN: 1094873); Bickton Manor Farmhouse – Grade II* listed with late 15th century origins (LEN: 1350971). The many watermills in the area highlight the importance of the River Avon as a source for power in the industries of both agricultural and food production processing (*e.g.* 18th century watermill - HHER: 21532; and the Town Mill – Grade II listed LEN: 13509070).

8.4. Hyde Civil Parish

8.4.1. General Discussion

The parish of Hyde is relatively small, comprising 1774 hectares in area. The parish is bounded to the west by that of Fordingbridge and to the north by Godshill, with Bramshaw to the east and Ellingham, Harbridge and Ibsley to the south. The buried geology here comprises mostly of sands of Selsey and Poole groups. The modern parish contains several areas of modern habitation; these include Stuckton in the northwest, Hyde, Frogham and Blissford towards the centre, and North Gorley in the southwest. The majority of the parish, bar the western fringe, lie within the New Forest National Park.

In the western portion of the parish there is substantial evidence for pottery manufacture during the Romano-British period. Kilns are known in the Amberwood Inclosure where scheduled monuments (UID: HA 326) lie north of Latchmore Brook, with further kilns of similar date lying south of Pitts Wood (HHER:70786). These are all probably associated with further kilns lying in the Sloden Inclosure (Scheduled Monument UID: HA 324) and with those in the Godshill Parish to the north (UID: HA 327), located on Crock Hill near Eyeworth. The place name '*Crock Hill*' and '*Crockhill Green*' are likely to relate to the recovery of large amounts of Romano-British pottery here, rather than a reference to medieval pottery manufacture.

Prior to 1855, the parish of Hyde was formerly part of Fordingbridge.

8.4.2. Medieval Hyde

There are no settlement entries within the modern parish of Hyde listed within the Domesday Survey, excluding that of North and/or South Gorley - listed under a single entry (*Gerlei*). The five households listed there are valued at 10 shillings, which illustrates the small-scale, and possibly dispersed nature, of settlement in this area. A medieval field system is recorded in the Hampshire HER (ref. 59662), lying to the southwest of North Gorley, which shows that this area was given to agriculture at this time, with nearby settlement suspected from a scatter of medieval pottery (HHER:29865). In addition, ridge and furrow is recorded in Hyde Common and Criddlestyle (HHER:55697).

The role of this area as a hunting ground during in the medieval period is attested by the presence of a hunting lodge (UID: 30268), located north-northwest of Holly Hatch Cottage. An excavation in 1915 revealed no evidence for a building, and the enclosure was considered to be for stock; however, the size and placement of the monument strongly suggests that this is a medieval hunting lodge. Earthworks in the form of undated terraces and house platforms have been noted in the Sloden Inclosure on Row Hill, but there is no record of these being investigated in any detail (HHER:19695). This appears dubious as the record is surrounded by substantial scatters of Romano-British pottery (*e.g.* HHER:54348). Similar may be said for an undated platform in the southwest of the Sloden Inclosure (HHER:54351).

8.4.3. Post-medieval Hyde

Ceramic manufacture in the post-medieval period is implied via the presence of a brick field noted on the late 19th century OS map at Chilly Hill, near Blissford with clay and sand extraction pits noted in the wider vicinity. The same map shows substantial areas of gravel extraction near Frogham and east of North Gorley. Sporadic gravel extraction is shown within the Sloden and Amberwood Inclosures in the woodland to the east of the parish.

The area shares similarity to those surrounding it, in that during the post-medieval period there are strong signs of an agricultural economy in the west, with an extended history of areas of heath/waste located in the middle of the parish, and areas of forest in the east; the latter is evidenced by the enclosure of Sloden dated 18-19th century (HHER:54427). The western area contains several Grade II listed cottages including Stuckton Farm Cottage – structure of 16th century date, with 18th century and later alterations (LEN:1094858), other similar articles include Spicers Cottage (LEN: 1167243), Prospect Cottage (LEN: 1094852), Woodside (LEN: 1094857) and High Winds Cottage (LEN:1350987); all of which dated 17th century onwards. Farmhouses in the area of this date or later include Fern Gate Farmhouse (LEN: 1094856), Hyde Farmhouse (LEN: 1167225) and Rose Farmhouse (LEN: 1167268). The church at Hungerford, Hyde is 19th century in date suggesting that substantial extension and expansion to the settlements in the western fringe of the parish is relatively late.

A late post-medieval iron foundry is noted in Stuckton, purchased by Armfield of Ringwood in 1882 (Ellis 1975). This closed in 1908, but one of the buildings in the complex is 18th century of date, which potentially suggest an extended history.

8.4.4. Undated Evidence in Hyde Parish

A series of undated clay pits are noted on Row Hill in the Sloden Inclosure. These are assumed to be linked to the known Romano-British pottery manufacture there, but this has not yet been ascertained. They were observed in 1967, but are no longer visible (HHER: 54368). Where possible, these pits need to be examined in further detail where possible as they may relate to the hypothesised location of the medieval settlement of Slacham, within the Sloden Inclosure, a proposition which is considered dubious (HHER: 19695).

Despite the Romano-British evidence for pottery manufacture, and much later post-medieval brick production near Blissford, there is no direct evidence for medieval pottery production in the parish of Hyde.

8.5. Ringwood Civil Parish

8.5.1. General Discussion

The modern parish of Ringwood is a small to medium sized area, measuring a total of 2930 hectares. To the west lies the parish of St Leonards and St Ives in Dorset, with the Hampshire Parishes of Ellingham, Harbridge and Ibsley to the north, Burley to the east and Sopley to the south. The buried geology comprises Branksome sand with discrete pockets of Broadstone clay.

The modern civil parish of Ringwood contains the town of Ringwood, coupled with the villages and hamlets of Poulner, Hangersley, Hightown, Crow and Crow Hill, Sandford, Bisterne and Kingston.

8.5.2. Medieval Ringwood

There is little information regarding Anglo-Saxon Ringwood prior to the Domesday Survey in 1086. The survey has three entries that approximately correspond with areas lying within the modern civil parish of Ringwood; these comprise Ringwood, Bisterne and Crow.

Ringwood, noted as '*Rinwede*' comprised 43 households (56 villagers, 21 smallholders, eight slaves and one riding man) with 105 acres of meadow, one mill and one church, all valued at £8 and 10 shillings, held by King William. Bisterne, noted as '*Betestre*', comprised nine households (five villagers, four smallholders), valued at £2 held by the King. Crow, comprised nine Households (four villagers, five smallholders) with 36 acres of meadow, all valued at £1 5 shillings and held by the king.

The Church of St Peter and St Paul in Ringwood comprises that with the oldest known origins in the civil parish, datable to the 13th century (Page 1911). Elements of the current standing church contain reused 15-16th century material and is Grade II listed (LEN: 1094964); however, the church was largely rebuilt and remodelled in 1853 (Page 1911).

Page (1911) goes on to note that in 1226 Henry III granted a weekly market in Ringwood on Wednesdays; later in 1337 the Earl of Salisbury, as Lord of the Manor of Ringwood, was granted a yearly fair on the feast of St Andrew (30th November) and later the feast of St Peter (19th June).

Further evidence for medieval habitation in the parish comprise a probable medieval settlement south of Kingston Farm. This comprises rectilinear enclosures, which are visible on aerial photographs (HHER:59653). A substantial surface scatter of 13-15th century pottery is noted to the west of Sabines Farm (HHER:29436). Additional minor farmsteads with medieval origins are noted in the Hampshire HER, these comprise Hurn Farm (*Hierne*), documented in AD1280 as the home of Ralph de Hierne; Brixley's Farm (*Briyxi*) documented in AD1327 as the home of Roger Bryxi, and Moortown (*Mora*), documented AD1298 as the home of Alice de Mora. Finally, Bisterne Manor, a manor house with late 15th century origins is a Grade II listed structure (LEN: 1094981), which shows that the settlement continued from those early origins noted in Domesday as a minor settlement within the hinterland of Ringwood, as it remains today.

There is no clear evidence for ceramic manufacture of medieval date within the records examined for this assessment.

8.5.3. Post-medieval Ringwood

The economy of the Ringwood area at this time mirrors that of Fordingbridge, in that the area is dominated by rural agricultural activity – as evidenced by farmhouses of Bagnam (LEN:1350902), Kingston (LEN: 1350881), Crow (LEN:1157048), Poplar (LEN:1157074), Merryweather (LEN:1178547), Old Farmhouse (LEN:1302615) and Hawthorn and The Quomp, at Hightown - now three individual dwellings (LEN:1095000) are now all Grade II listed, with those at Poulner and Poulner Lane being earlier, of 16-17th century date. Within this network, the role of the market town being a place of processing, via mills utilising the River Avon for power (*e.g.* HHER:18240), and distribution in the local markets. The hinterland that supported this town is considered to be relatively vast in comparison to Fordingbridge, including Ellingham, Harbridge, Ibsley, Burley and probably Hurn, Hampreston and Verwood in Dorset.

The 1880s OS Map for the area shows numerous sites of extraction including clay and gravel pits in and around Crow and Crow Hill, old gravel pits north of Kingston and a Brick Works with associated gravel, clay and sand pits on Hightown common.

No clear evidence for post-medieval pottery production could be found in the Ringwood parish.

8.6. Sandleheath Civil Parish

8.6.1. General Discussion

Sandleheath comprises a tiny parish with a size of 188 hectares. Formerly part of the Fordingbridge parish, Sandleheath is bounded by Damerham to the west, Rockborne to the north, Fordingbridge to the east and Alderholt to the south. There are no relevant scheduled monuments, and very few listed structures. The geology of the parish comprises London clay and sands – ideal for coarse ceramic manufacture.

8.6.2. Medieval Sandleheath

The only monument of potential late medieval origin recorded in the Hampshire HER for Sandleheath comprises the remains of Hawk Hill Mill, Damerham, which was possibly in use from the late medieval into the Victorian period (HHER:21322).

8.6.3. Post-medieval Sandleheath

Very few listed buildings lie within this small parish. One comprises the 17th century building of Sandleheath Manor School (LEN: 1094819). A former tollgate at Sandhill Heath Turnpike Road is noted in the Hampshire HER (Ref. 58896). Pits associated with charcoal burning of post-medieval date are recorded during quarrying works in the area (HHER:21394). Archaeological excavations here recovered timber remains including ash, willow and hazel charred fragments.

Sandleheath Brickworks (formerly Reads) closed 1965, and is shown on 1870s OS map. A start date for ceramic production here is not known, but post-medieval origins are considered likely.

9. Discussion

This desk-based assessment has highlighted numerous aspects of past life within the various parishes in both east Dorset and west Hampshire. In particular, the nature of settlement, economy and aspects of land utilisation, along with the character of raw material extraction has been detailed and explored to the furthest extent possible based upon the available evidence.

The evidence for the nature of settlement during the medieval period onwards suggests that the population was relatively small, and thinly spread occupying discrete farmsteads and with few urban centres in the area. By the post-medieval period this has altered significantly, with numerous farms lying around hinterlands of urban centres, such as that of Fordingbridge and Ringwood which have then become market centres for distribution and agricultural processing. Settlement across the area becomes more nucleated and increases in size over time. The economy was primarily of agricultural nature, which occurred alongside other industries, such as pottery manufacture and, more commonly, brick production; the later of which became increasingly prevalent into the late post medieval period.

		Criteria Reference Code									
		-	(f	rom	Tabl	<u>e II.4</u>)	-	-		
Parish	Α	В	С	D	E	F	G	Н	I	Total	
Alderholt	3			2		1		1	1	8	
Chalbury								1		1	
Colehill									1	1	
Cranborne				2	1	1	1	1		6	
Damerham						1	1	1		3	
Edmondsham							1		1	2	
Ellingham, Harbridge and Ibsley							1	1		2	
Fordingbridge							1	1		2	
Gussage All Saints								1	1	2	
Hinton (Parva and Martell)							1			1	
Holt							1			1	
Horton							1	1	1	3	
Hyde					1*					1	
Pamphill							1	1		2	
Ringwood							1	1		2	
Sandleheath										0	
St Leonards and St lves										0	
Verwood				2	1		1	1	1	6	
West Moors										0	
Wimborne Minster							1	1		2	
Wimborne St Giles							1	1		2	
Woodlands							1	1		2	

Table II.18: Past Pottery Information Scores by Parish

*Crock Hill and Crock Hill Green on the border of Hyde and Godshill is considered to reference Romano-British pottery evidence – not medieval or later.

Parish	County	Score
Alderholt	Dorset	8
Cranborne	Dorset	6
Verwood	Dorset	6
Damerham	Hampshire	3
Horton	Dorset	3
Edmondsham	Dorset	2
Ellingham, Harbridge and Ibsley	Hampshire	2
Fordingbridge	Hampshire	2
Gussage All Saints	Dorset	2
Pamphill	Dorset	2
Ringwood	Hampshire	2
Wimborne Minster	Dorset	2
Wimborne St Giles	Dorset	2
Woodlands	Dorset	2
Chalbury	Dorset	1
Colehill	Dorset	1
Hinton (Parva and Martell)	Dorset	1
Holt	Dorset	1
Hyde	Hampshire	1
Sandleheath	Hampshire	0
St Leonards and St Ives	Dorset	0
West Moors	Dorset	0

Table II.19: Past Pottery Information Scores by Parish and County

It can be shown that the parishes of Alderholt, Cranborne and Verwood contain the most evidence for medieval and early post-medieval pottery manufacture. Those of lower importance include Damerham and Horton, with the remainder being negligible.

It is proposed here that archaeological site investigations within five parishes – comprising Alderholt, Cranborne, Verwood and Horton in Dorset, plus Damerham in Hampshire - be especially considered in light of identifying additional evidence for medieval and early post-medieval pottery manufacture on the east Dorset/west Hampshire border.

Appendix III: Certified Reference Material (TILL-4), Internal Standards and pXRF results comparison

Values Recorded for TILL-4

TILL-4 was used as a Certified Reference Material (CRM) to corroborate the data collected with the Niton XI3 pXRF which was used to form the statistical analysis in Chapter 5 of this thesis. TILL-4 is a sedimentary deposit recovered from Scission's Brook, New Brunswick, Canada, available from:

https://natural-resources.canada.ca/sites/nrcan/files/mineralsmetals/pdf/mms-smm/tect-tech/ccrmp/cer-cer/TILL_CERT-eng.pdf

Below are the recorded values relevant to this project recorded from the Certificate of Analysis by the Canadian Certified Reference Materials Project, November 1995 Revision.

Element/Compound	Name of Element	Value as recorded in Certificate (ppm un- less stated other- wise)
Al ₂ O ₃	Aluminium	14.4 wt% ox
Ba	Barium	395
CaO	Calcium	1.25 wt% ox
Cr	Chromium	53
Fe ₂ O ₃	Iron	5.63 wt% ox
K ₂ O	Potassium	3.25 wt% ox
Nb	Niobium	15
Rb	Rubidium	161
SiO ₂	Silicon	65 wt% ox
Sr	Strontium	109
TiO ₂	Titanium	0.81 wt% ox
V	Vanadium	67
Zn	Zinc	70
Zr	Zirconium	385

Results for TILL-4 from Certificate

Values Recorded for Internal Standards

Three internal standards (IS) were sent for examination via ICP-MS and ICP-AES at Durham University. These were employed as matrix-matched standards for comparison to corroborate the results measured by the Niton XI3 pXRF. The powdered standards were taken from Verwood-type pottery sherds, one from site VER3, one from site ALD3 (see Appendix I for site details), and one unprovenanced sample (KM1). Below are the results as reported by Durham University.

Chemical Symbol of Element	Name of Element	ALD3 Internal Standard	KM1 Internal Standard	VER3 Internal Standard
Ва	Barium	299.10	284.20	317.40
Ce	Cerium	67.05	59.62	81.28
Co	Cobalt	5.86	4.75	5.80
Cr	Chromium	117.80	111.40	140.80
Cs	Caesium	7.23	6.56	9.04
Cu	Copper	64.80	99.35	104.50
Dy	Dysprosium	6.60	4.97	5.70
Er	Erbium	3.32	2.77	3.61
Eu	Europium	2.28	1.44	1.92
Ga	Gallium	22.50	23.09	27.32
Gd	Gadolinium	8.59	5.60	7.05
Но	Holmium	1.24	1.00	1.13
La	Lanthanum	27.58	26.03	39.18
Lu	Lutetium	0.53	0.46	0.52
Mn	Manganese	0.01	0.01	0.01
Nb	Niobium	18.36	18.49	19.83
Nd	Neodymium	47.77	32.82	45.61
Ni	Nickel	39.84	36.63	48.64
Pb	Lead	4872.00	350.60	695.20
Pr	Praseodymium	10.75	8.33	11.79
Rb	Rubidium	88.66	90.30	114.60
Sc	Scandium	15.01	15.06	18.00
Sm	Samarium	10.58	6.69	9.10
Sr	Strontium	103.70	140.80	165.60
Tb	Terbium	1.24	0.87	1.06
Th	Thorium	13.21	12.51	15.53
Ti	Titanium	0.90	0.86	0.96
Tm	Thulium	0.55	0.47	0.53
U	Uranium	2.34	2.02	2.28
V	Vanadium	113.10	120.30	133.50
Y	Yttrium	29.38	27.19	26.42
Yb	Ytterbium	3.35	2.89	3.31
Zn	Zinc	31.92	35.01	34.77
Zr	Zirconium	95.59	91.57	102.80

Results of ICP-MS for Internal Standards (ppm)

Oxide	Name of Relevant Element	ALD3 Internal Standard	KM1 Internal Standard	VER3 Internal Standard
Al ₂ O ₃	Aluminium	17.26058	17.43	21.12
CaO	Calcium	2.261732	4.46	4.87
Fe ₂ O ₃	Iron	2.998637	3.38	4.75
K ₂ O	Potassium	1.610799	1.69	1.84
MgO	Magnesium	0.399346	0.39	0.55
MnO	Manganese	0.018328	0.01	0.02
Na ₂ O	Sodium	0.275206	0.31	0.32
P_2O_5	Phosphorus	0.019084	0.35	0.05
TiO ₂	Titanium	1.176214	1.09	1.25

Results for ICP-AES for Internal Standards (wt% ox.)

Comparison of ICP methods to pXRF

The following comprise observations regarding the correlation of readings taken of the four standards previously outlined as measured for every 30 readings taken with the pXRF and the one measurement taken with the ICP methods. They are plotted against each other to show the degree of correlation between the two methods in order to corroborate the results achieved with the Niton XI3 results employed in Chapters 3 and 5 of this thesis.

Comparative Correlation Graphs for ICP methods against the same materials measured by pXRF



AI - Aluminium





Ca - Calcium







Fe - Iron















Sr - Strontium



Ti – Titanium



V – Vanadium











Comment

The first observation of principal interest is the degree of drift within the measurements taken from the standards, which were recorded once per standard for every 30 samples with the pXRF. This is evidenced from the range of results for certain standards (visible as a group of linear readings in the result graphs) as measured with the pXRF. This drift is more marked for certain elements over others; for example, the drift identifiable for iron is relatively low in comparison to that of vanadium, niobium, chromium and barium. Certain elements - such as aluminium, barium, potassium, niobium, rubidium and zirconium - show at least three areas of concentrations of results most likely deriving from the annual re-calibration of the machine by an appropriate technician. More generally, the level of drift stems from this study being undertaken over several years; a problem caused by the extended nature of the data collection as a result of COVID-19 (see COVID-19 Statement), the part-time nature of the study and the large amount of samples being processed. The presence of the vast range in pXRF values in relation to the single ICP reading for most elements shows the need for the direct off-set correction (see section 5.3.1 in Chapter 5), which was applied to the data post-collection to lower the effect of the drift evidenced in these observations.

When comparing results between the ICP methods and the Niton XI3 pXRF there is weak correlation between results for aluminium, chromium, rubidium and titanium; this is evidenced by low r values (between 0.5 and -0.5) in the graphs on the previous pages. This may be in part due to the filters used by the pXRF. For example, aluminium is analysed using the light filter in the mining cu/zn setting (see Table 9 in Chapter 3). Fig. 15 (Chapter 3) presents that the highest error values were recorded for silicon, magnesium and aluminium (all analysed with the light filter). Similar may be said for chromium and titanium, which are both measured with the low filter; however, the error values for elements measured with the low filter are less than those measured with the light filter (e.g. Al and Mg error values against Cr and Ti error values in Table 9). Cumulatively, this suggests that light elements, as measured with the pXRF, comprise values with imperfect consistency and limited correlation when compared with the ICP results. Forster et al. (2011, 393) note that light elements are especially susceptible to differences in air attenuation and this may have had a significant role to play in the results for this study, as an extended period of analysis has shown dissimilarity in the same measured material due to differences in humidity and temperature and the resulting effects on air attenuation (along with other potential aspects) on separate days of testing with the pXRF. However, the inclusion of those light elements in this study is deemed not only acceptable but necessary, as ceramics are derived from clays of which the element aluminium forms a major part, thus is required to explore the general trends when comparing the source of different ceramics from within the region under study. This is especially relevant when raw clays from a region are being compared to pottery samples, as was the case here. Without the inclusion of aluminium as a variable in the study, the observation of identifying how temper can limit the comparison of heavily tempered pottery samples to their less tempered counterparts (and their shared hypothesised clay source) could not have been achieved.

There is strong correlation (r value of over 0.5) for barium, calcium, iron, vanadium, zinc and zirconium. This is to be expected for iron, as drift appears to be relatively low in the pXRF measurements, plus there are acceptable levels of drift for both zinc and zirconium. This is most likely due to the measurement of these elements taking place in the main filter, which has consistently shown to record relatively lower error values for a 60 second measurement/filter time in the mining cu/zn setting (Table 9 and Fig. 15). Three elements have high correlations despite not being measured with the main filter; these comprise barium (high filter), vanadium (low filter) and calcium (low/light filters). The results graphs suggest that the

consistency and correlations with the ICP results for these elements is relatively robust. The element of greatest surprise to have a high correlation is considered to be that of calcium, which was measured with both low and light filters. The problematic nature of light filter measurements has already been outlined, and it is considered probable that the consistency noted for calcium in the ICP/pXRF correlation graphs could be due the element being measured by the low filter as well as the light (Table 9). This concept is supported to a degree by the high correlations evident in the potassium data (r value of 0.89 and also measured in the low filter), but is somewhat marred by the apparent three group concentrations, as previously outlined.

Overall, the measurements taken with the pXRF for the variables used in the statistical analyses can be shown to be of mixed correlation, with results achieved using ICP methods for those elements that have been shown to display a high effect size in the pilot study (*e.g.* iron, calcium, barium and potassium - *c.f.* Table 27) the correlations are relatively robust. The results outlined here agree somewhat with those identified by Forster *et al.* (2011), in that there is broad correlation between measurements for iron and calcium as measured by both pXRF and other methods, such as NAA. Furthermore, they correlate with those observations made between pXRF measurements and Electron Probe Micro Analysis, as reported by Adlington and Freestone (2017), especially for those correlations reported for calcium, iron and potassium.

Appendix IV: Ancillary data for Pilot Study

Fabric Data Descriptive Summaries

Verwood (VER3)

	_	Statistics for Verwood Site													
		Ba	Sb	Sn	Nb	Zr	Sr	Rb	Bi	As	Pb	w	Zn	Cu	Ni
N	Valid	30	1	4	22	30	28	30	12	18	30	10	28	20	0
	Missing	0	29	26	8	0	2	0	18	12	0	20	2	10	30
Mean		304	40	43	20	225	60	47	20	1816	10976	320	78	46	
Median		305	40	45	20	225	60	50	20	1185	3900	325	60	40	
Mode		250.0 ^b	40	60	20	170.0 ^b	60	50	20	20.0 ^b	190	330	60	20	
Std. Devia	tion	101		21	0	52	12	10	0	1821	15793	99	59	33	
Variance		10259		425	0	2660	156	110	0	3316660	249413446	9711	3538	1057	
Skewness		1		0		0	-1	0		1	2	0	2	2	
Std. Error	of Skewness	0		1	0	0	0	0	1	1	0	1	0	1	
Kurtosis		5		-5		0	1	1		0	3	0	3	5	
Std. Error	of Kurtosis	1		3	1	1	1	1	1	1	1	1	1	1	
Range		570	0	40	0	210	50	50	0	5770	62880	330	240	130	
Minimum		90	40	20	20	130	30	20	20	20	190	170	20	20	
Maximum		660	40	60	20	340	80	70	20	5790	63070	500	260	150	
b. Multiple mor	des exist. The sma	allest value is sl	how n												
	1	Co	Fe	Mn	Cr	V	Ti	Ca	к	AI	Р	Si	CI	S	Mg
N	Valid	1	30	8	30	30	30	24	30	30	30	30	13	30	13
	Missing	29	0	22	0	0	0	6	0	0	0	0	17	0	17
Mean		110	22208	488	153	177	4186	1480	7475	70365	4178	206408	1092	23938	21786
Median		110	19735	270	165	175	4615	1345	7230	76580	3265	224465	1000	4200	17380
Mode		110	10180.0 ^b	130.0 ^b	170.0 ^b	170.0 ^b	5100	890	2700.0 ^b	37190.0 ^b	640.0 ^b	107890.0 ^b	80.0 ^b	140.0 ^b	6910.0 ^b
Std. Devia	tion		9383	604	37	61	1128	867	2793	16878	3805	45377	639	32581	13512
Variance			88043803	364564	1368	3669	1271556	751504	7801033	284874812	14479373	2059043060	408397	1061546520	182574342
Skewness			2	3	-1	2	-1	0	1	-1	3	-1	0	1	1
Std. Error	of Skewness		0	1	0	0	0	0	0	0	0	0	1	0	1
Kurtonin			5	7	0	7	0	-1	3	-1	10	-1	-1	1	-1
Runosis			1	1	1	1	1	1	1	1	1	1	1	1	1
Std. Error	of Kurtosis														
Std. Error o Range	of Kurtosis	0	46040	1820	140	320	3980	2690	13740	61870	19390	165370	2070	107380	35860
Std. Error Range Minimum	of Kurtosis	0	46040	1820 130	140 70	320 90	3980 1660	2690 290	13740 2700	61870 37190	19390 640	165370 107890	2070 80	107380 140	35860 6910
Std. Error Range Minimum Maximum	of Kurtosis	0 110 110	46040 10180 56220	1820 130 1950	140 70 210	320 90 410	3980 1660 5640	2690 290 2980	13740 2700 16440	61870 37190 99060	19390 640 20030	165370 107890 273260	2070 80 2150	107380 140 107520	35860 6910 42770

Crendell, Alderholt (ALD3)

		Statistics for Alderholt Site													
		Ba	Sb	Sn	Nb	Zr	Sr	Rb	Bi	As	Pb	w	Zn	Cu	Ni
N V	/alid	30	1	6	29	30	30	30	17	27	30	14	30	25	4
N	Vissing	0	29	24	1	0	0	0	13	3	0	16	0	5	26
Mean		378	75	49	16	202	64	47	26	2187	12276	315	59	46	127
Median		392	75	42	17	202	65	46	19	1127	7746	242	43	42	103
Mode		133.7 ^b	75	35.4 ^b	4.3 ^b	64.5 ^b	22.0 ^b	26.1 ^b	11.9 ^b	36.8 ^b	171.0 ^b	76.7 ^b	12.9 ^b	16.8 ^b	83.0 ^t
Std. Deviation	n	123		15	4	54	18	8	26	2893	13538	206	56	23	63
Variance		15087		236	17	2938	334	70	654	8370816	183283085	42355	3103	515	3910
Skewness		0		1	-1	0	1	0	4	2	2	1	3	1	2
Std. Error of S	Skewness	0		1	0	0	0	0	1	0	0	1	0	0	1
Kurtosis		0		-1	1	0	4	2	15	3	3	-1	10	1	4
Std. Error of H	Kurtosis	1		2	1	1	1	1	1	1	1	1	1	1	3
Range		502	0	37	16	244	102	44	111	10453	54876	614	267	91	137
Minimum		134	75	35	4	65	22	26	12	37	171	77	13	17	83
			70	70	04	200	101	70	400	10400	55047	601	270	108	220
Maximum		635	/5	73	21	309	124	70	123	10490	55047	031	213	100	
Maximum b. Multiple modes	exist. The smal	635 llest value is sh	75 now n	73	21	309	124	70	123	10490	55041	031	213	100	LEO
Maximum b. Multiple modes	exist. The smal	635 llest value is st Co	75 now n Fe	73 Mn	21 Cr	v	124 Ti	Ca	к	AI	P	Si	CI	s	Mg
Maximum b. Multiple modes N V	exist. The smal	635 llest value is st Co 4	75 10W N Fe 30	73 Mn 24	21 Cr 30	V 30	124 Ti 30	70 Ca 30	к 30	AI 30	P 30	Si 30	CI 18	S 30	Mg 16
Maximum b. Multiple modes N V M	exist. The smal	635 llest value is st Co 4 26	75 10W N Fe 30 0	73 Mn 24 6	21 Cr 30 0	V 30 0	124 Ti 30 0	70 Ca 30 0	к 30 0	AI 30 0	P 30 0	Si 30 0	CI 18 12	S 30	Mg 16
Maximum b. Multiple modes N V Mean	e exist. The smal	635 llest value is sh Co 4 26 132	75 now n Fe 30 0 20933	73 Mn 24 6 314	21 Cr 30 0 142	V 30 0 215	124 Ti 30 0 3705	70 Ca 30 0 3187	к 30 0 8117	AI 30 69876	P 30 0 2440	Si 30 204262	CI 18 12 1068	S 30 0 38014	Mg 16 14 28929
Maximum b. Multiple modes N V Mean Median	a exist. The smal	635 llest value is sh Co 4 26 132 129	75 100 fi Fe 30 0 20933 20357	73 Mn 24 6 314 277	Cr 30 0 142 146	V 30 0 215 197	Ti 30 0 3705 4155	Ca 30 0 3187 2609	к 30 0 8117 7374	AI 30 69876 73497	P 30 0 2440 2059	Si 30 204262 226711	CI 18 12 1068 872	S 30 0 38014 17478	Mg 16 14 28929 26433
Maximum b. Multiple modes N V Mean Median Mode	a exist. The smal	635 llest value is sh Co 4 26 132 129 93.9 ^b	75 100 m Fe 30 0 20933 20357 7301.1 ^b	73 Mn 24 6 314 277 73.4 ^b	Cr 30 0 142 146 42.3 ^b	V 30 215 197 79.1 ^b	Ti 30 0 3705 4155 651.9 ^b	Ca 30 0 3187 2609 526.7 ^b	к 30 0 8117 7374 1379.5 ^b	AI 30 69876 73497 24138.8 ^b	P 30 0 2440 2059 948.8 ^b	531 30 204262 226711 81438.9 ^b	CI 18 12 1068 872 76.1 ^b	S 30 38014 17478 1117.3 ^b	Mg 16 14 28929 26433 11251.2 ^b
Maximum b. Multiple modes N V Mean Median Mode Std. Deviation	exist. The smal	635 liest value is sh Co 4 26 132 129 93.9 ^b 39	75 10W N Fe 30 0 20933 20357 7301.1 ^b 7265	Mn 24 6 314 277 73.4 ^b 195	Cr 30 0 142 146 42.3 ^b 43	V 30 30 0 215 197 79.1 ^b 117	Ti 30 0 3705 4155 651.9 ^b 1398	Ca 30 0 3187 2609 526.7 ^b 2433	K 30 0 8117 7374 1379.5 ⁶ 6604	AI 30 69876 73497 24138.8 ^b 21391	P 30 0 2440 2059 948.8 ^b 1274	531 30 204262 226711 81438.9 ^b 57100	CI 18 12 1068 872 76.1 ^b 755	S 30 38014 17478 1117.3 ^b 40615	Mg 16 14 28929 26433 11251.2 ^b 14828
Maximum b. Multiple modes N V Mean Median Mode Std. Deviatior Variance	exist. The smal	635 liest value is sh Co 4 26 132 129 93.9 ^b 39 1523	75 100 m Fe 30 0 20933 20357 7301.1 ^b 7265 52782808	73 Mn 24 6 314 277 73.4 ^b 195 37972	Cr 30 0 142 146 42.3 ^b 43 1883	V 30 0 215 197 79.1 ^b 117 13752	Ti 30 0 3705 4155 651.9 ^b 1398 1955366	Ca 30 0 3187 2609 526.7 ^b 2433 5920284	K 30 0 8117 7374 1379.5 ^b 6604 43618302	Al 30 69876 73497 24138.8 ^b 21391 457588328	P 30 0 2440 2059 948.8 ^b 1274 1623723	Si 30 0 204262 2267111 81438.9 ^b 57100 3260461877	CI 18 1068 872 76.1 ^b 755 569608	S 300 0 38014 17478 1117.3 ^b 40615 1649541909	Mg 16 14 28929 26433 11251.2 ^b 14828 219876454
Maximum b. Multiple modes N V Mean Median Mode Std. Deviatior Variance Skewness	exist. The smal	635 llest value is st Co 4 26 132 129 93.9 ^b 39 39 1523 0	75 100 m Fe 30 0 20933 20357 7301.1 ^b 7265 52782808 0	73 Mn 24 6 314 277 73.4 ⁶ 195 37972 1	Cr 30 0 142 146 42.3 ^b 43 1883 -1	V 30 0 215 197 79.1 ^b 117 13752 3	Ti 30 0 3705 4155 651.9 ^b 1398 1955366 -1	Ca 30 0 3187 2609 526.7 ^b 2433 5920284 3	K 30 0 8117 7374 1379.5 ^b 6604 43618302 3	Al 30 69876 73497 24138.8 ^b 21391 457588328 0	P 30 0 2440 2059 948.8 ^b 1274 1623723 1	Si 30 204262 226711 81438.9 ^b 57100 3260461877 -1	CI 18 12 1068 872 76.1 ^b 755 569608 0	S 30 0 38014 17478 1117.3 ⁶ 40615 1649541909 1	Mg 16 14 28929 26433 11251.2 ^b 14828 219876454 1
Maximum b. Multiple modes N V Mean Median Mode Std. Deviatior Variance Skewness Std. Error of S	a exist. The smal	635 llest value is st Co 4 26 132 129 93.9 ^b 39 39 1523 0 1	75 10W II Fe 30 0 20933 20357 7301.1 ^b 7265 52782808 0 0 0	Mn 24 6 314 277 73.4 ^b 195 37972 1 0	Cr 30 0 142 146 42.3 ^b 43 1883 -1 0	V 30 0 215 197 79.1 ^b 117 13752 3 0	124 Ti 30 0 3705 4155 651.9 ^b 1398 1955366 -1 0	Ca 30 0 3187 2609 526.7 ^b 2433 5920284 3 0	K 30 0 8117 7374 1379.5 ⁶ 6604 43618302 3 0	Al 30 69876 73497 24138.8 ^b 21391 457588328 0 0 0	P 30 0 2440 2059 948.8 ^b 1274 1623723 1 0	Si 30 0 204262 226711 81438.9 ^b 57100 3260461877 -1 0	CI 18 12 1068 872 76.1 ^b 755 569608 0 1	S 30 38014 17478 1117.3° 40615 1649541909 1 1	Mg 16 14 28929 26433 11251.2 ^k 14828 219876454 1 1 1 1 1 1 1 1 1 1 1 1 1
Maximum b. Multiple modes N V Mean Median Mode Std. Deviation Variance Skewness Std. Error of S Kurtosis	n exist. The smal	635 llest value is st Co 4 26 132 129 93.9 ^b 399 1523 0 1523 0 1 1 -4	75 300 0 20933 20357 7301.1 ^b 7265 52782808 0 0 0 0 0	Mn 24 6 314 277 73.4 ^b 195 37972 1 0 1 0	Cr 30 0 142 146 42.3 ^b 43 1883 -1 0 0 0	303 V 30 0 215 197 79.1 ^b 117 13752 3 0 9	124 Ti 30 0 3705 4155 651.9 ^b 1398 1955366 -1 0 0 0	Ca 30 0 3187 2609 526.7 ⁶ 2433 5920284 3 0 11	K 30 0 8117 7374 1379.5 ^b 6604 43618302 3 0 12	Al 30 0 69876 73497 24138.8 ^b 21391 457588328 0 0 -1	P 30 0 2440 2059 948.8 ^b 1274 1623723 1 0 0 0 0	Si 30 0 204262 226711 81438.9 ^b 57100 3260461877 -1 0 0 -1	CI 18 12 1068 872 76.1 ^b 755 569608 0 1 1	S 30 38014 17478 1117.3° 40615 1649541909 1 1 0 -1	Mg 16 14 28929 26433 11251.2 ^b 14828 219876454 1 1 1 1 1 -1
Maximum b. Multiple modes N V Mean Median Mode Std. Deviatior Variance Std. Error of S Kurtosis Std. Error of S	n exist. The smal	635 lest value is st Co 4 4 26 132 129 93.9 ^b 39 1523 0 1523 0 1 1 4 3	75 300 0 20933 20357 7301.1 ^b 7265 52782808 0 0 0 0 1	Mn 24 6 314 277 73.4 ^b 195 37972 1 0 1 1	Cr 30 0 142 146 42.3° 43 1883 -1 0 0 1	303 V 30 0 215 197 79.1 ^b 117 13752 3 0 9 1	Ti 30 0 3705 4155 651.9 ^b 1398 1955366 -1 0 0 1	Ca 30 0 3187 2609 526.7 ^b 2433 5920284 3 0 11 11 1	К 30 0 8117 7374 1379.5 ^b 6604 43618302 3 0 12 1	Al 30 0 69876 73497 24138.8 ^b 21391 457588328 0 0 -1 1	P 300 0 2440 2059 948.8 ^b 1274 1623723 1 0 0 0 0	Si 30 0 204262 226711 81438.9° 57100 3260461877 -1 0 -1 1	CI 18 12 1068 872 76.1 ^b 755 569608 0 1 -1 1 1	S 30 38014 17478 1117.3° 40615 1649541909 1 1 0 0 -1 1	Mg 16 14 28929 26433 11251.2 ^b 14828 219876454 1 1 1 1 1 1 1 1 1 1 1
Maximum b. Multiple modes N V Mean Median Mode Std. Deviatior Variance Skewness Std. Error of S Kurtosis Std. Error of P Range	n Skewness Kurtosis	635 lest value is st Co 4 26 1322 129 93.9 ^b 39 1523 0 1 4 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 8 3 9 1 5 3 8 3 8 3 8 3 9 3 9 3 9 3 9 3 9 3 9 3 8 1 8 1 8 1 8 1 1 1 1 1 1 1 1 1 1 1 1 1	Fe 30 300 0 209333 20357 20317 7301.1 ^b 7265 52782808 0 0 0 0 1 30731	Mn 24 6 314 277 195 37972 1 0 1 0 1 1 774	Cr 30 0 142 146 42.3 ^b 43 1883 -1 0 0 1 164	V 30 0 215 197 79.1 ⁵ 117 13752 3 0 9 9 1 557	Ti 300 00 3705 4155 651.9 ^b 1398 1955366 -1 0 0 0 1 4679	Ca 30 0 3187 2609 526.7° 2433 5920284 3 0 11 1 13015	K 30 0 8117 7374 1379.5 ⁶ 6604 43618302 3 0 12 1 35312	AI 30 0 69876 73497 24138.8 ⁵ 21391 457588328 0 0 0 0 -1 1 78713	P 30 0 2440 2059 948.8 ^b 1274 1623723 1 0 0 1 4612	Si 30 0 204262 226711 81438.9 ^b 57100 3260461877 -1 0 -1 1 192354	CI 18 12 1068 872 76.1 ⁶ 755 569608 0 1 1 1 2404	\$ 30 38014 17478 1117.3° 40615 1649541909 1 0 -1 1 1 27786	Mg 16 14 28929 26433 11251.2 ^b 14828 219876454 1 1 1 1 45250
Maximum b. Multiple modes N V M Mean Median Mode Std. Deviatior Variance Skewness Std. Error of F Range Minimum	exist. The small	635 635 Co Co 26 132 129 93.9 ⁶ 39 39 1523 0 0 1 1 4 3 8 3 3 8 3 3 94	75 1000 H Fe 0 20933 20357 7205 52782808 0 0 0 0 1 30731 7301	Mn 24 6 314 277 73.4° 195 37972 1 0 1 1 0 1 1 774 773	Cr 30 0 142 146 42.3° 43 1883 -1 0 0 0 1 164 42	V 300 300 300 300 300 300 300 30	Ti 30 0 3705 4155 651.9 ^c 13988 -1 1955366 -1 0 0 0 1 4679 6652	Ca 30 0 3187 2609 526.7 ⁶ 2433 5920284 3 0 111 1 13015 527	K 30 0 8117 7374 1379.5° 6604 43618302 3 0 12 135312 1380	AI 30 69876 73497 24138.6° 21391 457588328 0 0 0 -1 1 78713 24139	P 30 0 2440 2059 948.8 ^b 1274 1623723 1 0 0 0 1 4612 949	53 51 30 0 204262 226711 81438.9 ^b 57100 3260461877 -1 0 -1 1 192354 81439	Ci 18 12 1068 872 76.1 ^b 765 569008 0 1 1 -1 1 2404 76	S 300 0 38014 17478 1117.3 ³ 40615 1649541909 1 1 0 0 -1 1 127786 1117	Mg 166 144 28929 26433 11251.2 ² 14828 219876454 1 1 1 1 1 1 1 1 1 1 1 1 1

Laverstock

								Statistics fo	r Laversto	k Site					
		Ba	Sb	Sn	Nb	Zr	Sr	Rb	Bi	As	Pb	w	Zn	Cu	Ni
N	Valid	30	0	6	30	30	30	30	17	29	30	5	30	7	1
	Missing	0	30	24	0	0	0	0	13	1	0	25	0	23	29
Mean		314		73	17	191	66	44	11	569	3890	150	45	69	58
Median		324		46	17	196	64	45	10	207	1377	162	38	65	58
Mode		82.7 ^b		25.5 ^b	9.7 ^b	101.0 ^b	33.4 ^t	20.8 ^b	7.2 ^b	7.0 ^b	28.1 ^b	108.1 ^b	21.1 ^b	19.3 ^b	58
Std. De	viation	109		82	3	45	15	9	3	679	5238	37	19	41	
Variand	e	11912		6804	10	2003	240	85	9	461210	27441644	1397	349	1647	
Skewne	SS	0		2	0	0	0	-1	0	1	2	0	1	0	
Std. Err	or of Skewness	0		1	0	0	0	0	1	0	0	1	0	1	
Kurtosis	8	0		6	0	0	0	0	-1	0	6	-3	0	0	
Std. Err	or of Kurtosis	1		2	1	1	1	1	1	1	1	2	1	2	
Range		455		214	13	177	69	38	9	2067	23444	78	73	116	0
Minimu	m	83		25	10	101	33	21	7	7	28	108	21	19	58
Maximu	ım	537		240	23	278	102	59	16	2074	23472	186	94	135	58
b. Multiple	modes exist. The sma	allest value is sh	iow n										•		
]	Co	Fe	Mn	Cr	V	Ti	Ca	к	AI	Р	Si	CI	S	Mg
N	Valid	0	30	9	30	30	30	30	30	29	29	30	19	30	6
	Missing	30	0	21	0	0	0	0	0	1	1	0	11	0	24
Mean			15360	238	127	171	3406	48893	9719	48185	3393	171440	543	22324	19770
Median			14216	179	125	168	3319	37338	9780	39004	2996	157394	439	13743	18804
Mode			6933.0 ^b	93.2 ^b	55.8 ^b	105.1 ^b	984.5 ^b	5228.0 ^b	3476.6 ^b	22975.0 ^b	1002.3 ^b	23241.0 ^b	85.0 ^b	1190.5 ^b	14954.8 ^t
Std. De	viation		4305	145	35	56	1090	35687	3824	25278	1782	59486	405	24650	3966
Varianc	e		18535319	21121	1246	3105	1187158	1273596934	14620613	638976539	3175459	3538582305	164265	607639529	15731077
Skewne	SS		1	1	0	2	0	1	0	1	2	0	1	2	0
Std. Err	or of Skewness		0	1	0	0	0	0	0	0	0	0	1	0	1
Kurtosis	3		1	2	0	6	0	0	0	1	4	0	1	4	-1
Std. Err	or of Kurtosis		1	1	1	1	1	1	1	1	1	1	1	1	2
Range			20639	457	142	278	4375	131844	16129	96441	8465	264599	1498	107483	10080
Minimu	m		6933	93	56	105	984	5228	3477	22975	1002	23241	85	1190	14955
Maximu	ım		27572	550	197	383	5360	137073	19606	119416	9467	287840	1583	108673	25035
		Read of the Arrist													

Horton

								Statistics	for Horton	Site					
	[Ba	Sb	Sn	Nb	Zr	Sr	Rb	Bi	As	Pb	w	Zn	Cu	Ni
N	Valid	29	0	4	23	30	30	30	13	27	30	9	30	10	1
	Missing	1	30	26	7	0	0	0	17	3	0	21	0	20	29
Mean		455		34	18	223	75	57	15	1171	5372	254	83	35	65
Median		450		33	19	220	70	59	16	142	1835	260	71	30	65
Mode		450		30.0 ^b	20	220	60	50	20	31.5 ^b	352.3 ^b	120.0 ^b	40.0 ^b	30	65
Std. Devi	ation	100		4	2	39	21	5	4	1565	6108	91	46	22	
Variance		9916		16	5	1519	428	30	16	2449571	37305680	8238	2096	464	
Skewnes	s	0		0	-1	1	2	0	-1	1	1	0	1	2	
Std. Error	r of Skewness	0		1	0	0	0	0	1	0	0	1	0	1	
Kurtosis		0		-6	-1	0	6	-1	0	0	-1	-1	2	5	
Std. Error	r of Kurtosis	1		3	1	1	1	1	1	1	1	1	1	1	
Range		428		7	8	160	91	20	13	4528	16964	250	190	74	0
Minimum	1	242		30	13	160	59	45	7	32	352	120	30	16	65
Maximun	n	670		37	21	320	150	65	20	4559	17317	370	220	90	65
b. Multiple m	odes exist. The sma	allest value is sl	how n												
	1	Co	Fe	Mn	Cr	V	Ti	Ca	К	Al	Р	Si	CI	S	Mg
N	Valid	3	30	13	30	29	30	27	30	30	29	30	12	30	- 11
	Missing	27	0	17	0	1	0	3	0	0	1	0	18	0	19
Mean		166	29329	203	154	182	3956	3189	13930	67603	3186	205700	1267	26761	26880
Median		160	28139	159	156	190	4345	1854	14158	71611	3080	223145	1305	7184	26002
Mode		128.7 ^b	12460.0 ^b	110	160	100.0 ^b	1620.0 ^b	310.0 ^b	5250.8 ^b	31574.3 ^b	3080	116880.0 ^b	350.0 ^b	2563.9 ^b	16590.3 ^b
Std. Devi	ation	41	17150	152	51	48	1183	4820	6921	20395	1644	48414	811	34156	9588
Variance		1683	294108511	23046	2607	2332	1398310	23232729	47903458	415945886	2703303	2343867135	657943	1166600640	91937656
Skewnes	s	1	4	2	1	-1	-1	4	2	0	4	-1	1	1	1
Std. Error	r of Skewness	1	0	1	0	0	0	0	0	0	0	0	1	0	1
Kurtosis			21	4	2	0	-1	20	3	-1	17	-1	3	0	3
Std. Error	r of Kurtosis		1	1	1	1	1	1	1	1	1	1	1	1	1
Range		81	100846	495	243	210	3893	25370	29144	69714	9387	165995	2939	109755	33471
Minimum	1	129	12460	107	70	70	1620	310	5251	31574	1354	116880	350	2564	16590
Maximun	n	210	113306	602	313	280	5513	25680	34394	101288	10741	282875	3289	112319	50061

b. Multiple modes exist. The smallest value is show n

		Normality			
Element	Site	Statistic	Degrees of freedom	P Value	Normal distribution of data?
	Verwood	0.898	30	0.0074094	Yes
Ba	Alderholt	0.976	30	0.7228371	No
Du	Laverstock	0.977	30	0.7294226	No
	Horton	0.977	29	0.7712641	No
	Verwood	0.827	4	0.1612393	No
Sn	Alderholt	0.828	6	0.1035124	No
0.1	Laverstock	0.627	6	0.0009693	Yes
	Horton	0.786	4	0.0794347	No
	Verwood	-	22	-	No
Nh	Alderholt	0.863	29	0.0013939	Yes
	Laverstock	0.985	30	0.9446743	No
	Horton	0.897	23	0.0220582	Yes
	Verwood	0.985	30	0.9424280	No
Zr	Alderholt	0.984	30	0.9099837	No
2	Laverstock	0.959	30	0.2936928	No
	Horton	0.964	30	0.3896941	No
	Verwood	0.840	28	0.0005975	Yes
6 .	Alderholt	0.921	30	0.0283854	Yes
31	Laverstock	0.969	30	0.5149249	No
	Horton	0.696	30	0.0000014	Yes
	Verwood	0.916	30	0.0210816	Yes
DI-	Alderholt	0.969	30	0.5126295	No
RD	Laverstock	0.951	30	0.1850970	No
	Horton	0.890	30	0.0048978	Yes
	Verwood	-	12	-	No
D:	Alderholt	0.466	17	0.0000007	Yes
ы	Laverstock	0.891	17	0.0484387	Yes
	Horton	0.912	13	0.1934021	No
	Verwood	0.864	18	0.0142858	Yes
4.0	Alderholt	0.753	27	0.0000235	Yes
AS	Laverstock	0.783	29	0.0000422	Yes
	Horton	0.721	27	0.0000078	Yes
	Verwood	0.711	30	0.0000023	Yes
Dh	Alderholt	0.805	30	0.0000803	Yes
20	Laverstock	0.726	30	0.0000038	Yes
	Horton	0.759	30	0.0000127	Yes
	Verwood	0.982	10	0.9729842	No
10/	Alderholt	0.900	14	0.1138120	No
vv	Laverstock	0.837	5	0.1571109	No
	Horton	0.936	9	0.5453846	No
	Verwood	0.745	28	0.0000134	Yes
70	Alderholt	0.573	30	0.0000000	Yes
211	Laverstock	0.892	30	0.0052458	Yes
	Horton	0.889	30	0.0045362	Yes
	Verwood	0.736	20	0.0001111	Yes
C 11	Alderholt	0.926	25	0.0688157	No
Cu	Laverstock	0.966	7	0.8716089	No
	Horton	0.779	10	0.0080257	Yes

Results of Test of Normality for Pilot Study Data

	Shapiro-Wilk Tests of Normality				
Element	Site	Statistic	Degrees of freedom	P Value	Normal distribution of data?
Fe	Verwood	0.815	30	0.0001225	Yes
	Alderholt	0.976	30	0.7164914	No
	Laverstock	0.937	30	0.0744100	No
	Horton	0.537	30	0.0000000	Yes
Mn	Verwood	0.608	8	0.0001978	Yes
	Alderholt	0.918	24	0.0523721	Yes
	Laverstock	0.877	9	0.1468509	No
	Horton	0.616	13	0.0000905	Yes
Cr	Verwood	0.914	30	0.0187322	Yes
	Alderholt	0.951	30	0.1827548	No
	Laverstock	0.980	30	0.8184687	No
	Horton	0.948	30	0.1501225	No
Ti	Verwood	0.873	30	0.0019953	Yes
	Alderholt	0.873	30	0.0019882	Yes
	Laverstock	0.963	30	0.3620989	No
	Horton	0.882	30	0.0032061	Yes
	Verwood	0.929	24	0.0909059	No
Ca	Alderholt	0.727	30	0.0000039	Yes
	Laverstock	0.885	30	0.0037601	Yes
	Horton	0.476	27	0.0000000	Yes
к	Verwood	0.926	30	0.0381373	Yes
	Alderholt	0.672	30	0.0000006	Yes
	Laverstock	0.963	30	0.3772031	No
	Horton	0.813	30	0.0001149	Yes
к	Verwood	0.926	30	0.0381373	Yes
	Alderholt	0.672	30	0.0000006	Yes
	Laverstock	0.963	30	0.3772031	No
	Horton	0.813	30	0.0001149	Yes
AI	Verwood	0.939	30	0.0861449	No
	Alderholt	0.956	30	0.2404640	No
	Laverstock	0.867	29	0.0017106	Yes
	Horton	0.953	30	0.2015204	No
Ρ	Verwood	0.702	30	0.0000017	Yes
	Alderholt	0.890	30	0.0049319	Yes
	Laverstock	0.857	29	0.0010493	Yes
	Horton	0.632	29	0.0000003	Yes
Si	Verwood	0.923	30	0.0327410	Yes
	Alderholt	0.893	30	0.0057507	Yes
	Laverstock	0.972	30	0.6095302	No
	Horton	0.904	30	0.0104143	Yes
СІ	Verwood	0.972	13	0.9208514	No
	Alderholt	0.936	18	0 2444421	No
	Laverstock	0.868	19	0.0133197	Voc
	Horton	0.855	12	0.0428256	Ves
S	Verwood	0.000	30	0.0000063	Voc
	Alderholt	0.140	30	0.0001495	Voc
	Laverstock	0.019	30	0.00001490	Ves
	Horton	0.700	30	0.00000023	Voc
Mg	Verwood	0.711	12	0.0000023	Vee
	Alderholt	0.000	16	0 1478827	No
	Laverstock	0.910	6	0.5245224	No
	Horton	0.923	11	0.02-0224	No
		0.000	11	0.00000002	INU

Q-Q Plots For Pilot Study Data





Ba: Laverstock (below Left), Verwood (below right)



Sn: Horton (below left), Alderholt (below right)











Nb: Laverstock (below Left), Verwood (below right)





Zr: Horton (below left), Alderholt (below right)





Zr: Laverstock (below Left), Verwood (below right)









Nb: Laverstock (below Left), Verwood (below right)





Zr: Horton (below left), Alderholt (below right)









Sr: Laverstock (below Left), Verwood (below right)



Rb: Horton (below left), Alderholt (below right)





Rb: Laverstock (below Left), Verwood (below right)




Bi: Laverstock (below Left), Verwood (below right)



As: Horton (below left), Alderholt (below right)



As: Laverstock (below Left), Verwood (below right)



120





Pb: Laverstock (below Left), Verwood (below right)



W: Horton (below left), Alderholt (below right)



W: Laverstock (below Left), Verwood (below right)







Zn: Laverstock (below Left), Verwood (below right)





Cu: Horton (below left), Alderholt (below right)













Fe: Laverstock (below Left), Verwood (below right)





Mn: Horton (below left), Alderholt (below right)





Mn: Laverstock (below Left), Verwood (below right)









Cr: Laverstock (below Left), Verwood (below right)





V: Horton (below left), Alderholt (below right)





V: Laverstock (below Left), Verwood (below right)







Ti: Laverstock (below Left), Verwood (below right)





Ca: Horton (below left), Alderholt (below right)











K: Laverstock (below Left), Verwood (below right)





Al: Horton (below left), Alderholt (below right)



Al: Laverstock (below Left), Verwood (below right)





P: Laverstock (below Left), Verwood (below right)



Si: Horton (below left), Alderholt (below right)





Si: Laverstock (below Left), Verwood (below right)





CI: Laverstock (below Left), Verwood (below right)



S: Horton (below left), Alderholt (below right)



S: Laverstock (below Left), Verwood (below right)









Appendix V:

Land at Pond Farm, Crendell, Dorset

SU085131

Results of a series of geophysical surveys undertaken towards a PhD at Bournemouth University

By D. Carter

May 2018



Non-technical summary

A series of geophysical surveys were conducted over land adjacent to Pond Farm, Crendell, Alderholt, Dorset. The project was undertaken as part of a postgraduate study at Bournemouth University, examining the nature of past pottery production in east Dorset. The aim of the investigation was to establish the presence, absence, and nature of detectable archaeological features on the site, and to ascertain whether any of potential features may relate to past pottery production within the bounds of the site.

The site comprises two pasture fields (an eastern and western field) with a combined area of approximately 0.5 hectares. Both fields lie parallel to an open drainage ditch immediately to the south of Crendell Common, with Pond Farm lying to the north east of the survey area. The ground was wet and boggy at the time of survey, but otherwise clear of obstructions, however heavy rain later flooded areas of the site.

The investigation comprised a magnetic survey by gradiometer, earth resistance, and topsoil magnetic susceptibility. These demonstrated discrete areas of potential archaeological activity. Two potential structures were identified during the survey, the first lies in the western field, the second lying relatively central within the eastern field - within what appears to be a potential ditched enclosure. To the northwest of this area lie several anomalies that have provided relatively high levels of magnetism. The possibility that these relate to high temperature industry is relatively high, although no above ground evidence exists to reflect this, apart from the presence of an extensive pond that not only gives Pond Farm its name, but also may have been used historically as a clay pit. A possible hearth feature lies in the north western portion of the field, and may lie within a partial enclosed area. The geophysical survey was undertaken in February 2018.

Acknowledgements

The investigations were undertaken by D. Carter with the help of A. Dedden and R. Carter. The data was processed and interpreted by D. Carter who produced this report. Advice on interpretation was sought from P.Cheetham. The permission and aid of the Chiverton family for granting access to this important area of east Dorset is gratefully acknowledged.

1. Introduction

1.1. Project Background

- 1.1.1. This report outlines the details of the site location, the methodology used, the survey results and the interpretation of the geophysical data collected.
- 1.1.2. Multiple geophysical surveys were undertaken on land near Pond Farm, Crendell, Dorset; the site is centred on SU085131 (Fig. V.1). Crendell lies west of Alderholt and north of the dispersed settlement of Cripplestyle.
- 1.1.3. The surveys form part of a series of investigations on sites across east Dorset considered to have potential for archeological evidence for medieval and post-medieval ceramics production. The work was carried out as part of the data collection towards a Doctorate of Philosophy within the Faculty of Science and Technology, at Bournemouth University.
- 1.1.4. The aims of the survey comprise:
 - To conduct a series of geophysical surveys covering as much as the area the area in question as possible;
 - To determine the presence or absence of archaeological features and to map the locations of these articles;
 - To identify and clarify the potential significance of any archaeological features highlighted.

1.2. Site Location

- 1.2.1. The site is located within the middle of the village of Crendell, which lies 4.5km north of Verwood and 10km northwest of Ringwood, within the county of Dorset.
- 1.2.2. The site lies at the base of a north facing slope in the bottom of valley. The area is dominated by pasture fields covered in grass.

1.3. Geology and Soils

- 1.3.1. The underlying geology for the site is recorded as Reading clay comprising undifferentiated sands, clays and gravels; yet the northern part of the site is lies on head deposits of clays and silts (BGS).
- 1.3.2. It is considered likely that any overlying soils comprise rich loamy or clayey soils deriving from the buried geology and surrounding slopes. These soils are known to be acidic but are considered suitable for a range of archaeological features to be detected by a range of geophysical techniques.

1.4. Archaeological and Historical Background

1.4.1. Crendell lies within the northwest portion of the Parish of Alderholt, and is first mentioned in the early 1600s as 'Crundole' on Norden's map of Cranborne, dated 1605. Crendell is a relatively fossilised landscape that displays a wealth of raw material extraction for pottery production. Mills (2008, p.35) tells us that in 1620 it can be seen

to be named as 'Crendall', he goes on to state that the place name itself is important as it may originate from the old English word 'crundell' referring to a pit or quarry. It is unclear if this is a reference to clay or chalk, as both lie within the vicinity.

- 1.4.2. The Norden Map (1605) shows numerous 'pitts of potters clay' on the common adjacent to 'Goldoake', and occupying the northern extent of the survey area. While a wealth of evidence for raw material extraction can be attributed to Crendell, Norden's map does not exhibit any visible kilns for ceramic production.
- 1.4.3. In terms of early modern and post-medieval pottery production, the village exhibits four kiln sites (Alderholt Kilns 1-4 in Algar *et al.* 1987), all attributed to the Verwood-type pottery industry, only one has been excavated. Alderholt kiln 3 was excavated by volunteers of the Salisbury Museum Archaeological Research Group in 1975, but the results were never published; Algar *et al.* 1987 suggest an active date range 1750-1810. This site lies adjacent to the north of the survey area, on the opposite side of the road.
- 1.4.4. Pond Farm was previously the site of a Verwood-type pottery, Alderholt kiln 4. The location lies immediately to the west of the survey area, with the pond at Pond Farm being a probable former clay pit. The site here is considered to have been active between the 1700s going out of business before the creation of the tithe map in 1840. The kiln was likely demolished in the 1950s to make room for an agricultural barn.

2. Methodology

2.1. Introduction

- 2.1.1. Three techniques were considered appropriate to meet the aims of the investigation. The first being magnetic susceptibility; secondly, magnetometry; and thirdly, earth resistance. The first to plot areas of magnetic enhancement – likely to derive from human interaction evidenced through heating as part of ceramics production, and the second to aid in defining any potential structural elements or features of lowmagnetism.
- 2.1.2. Field conditions at the start of the survey were acceptable; however, data collection was not possible over some areas due to the presence of large areas of surface water following heavy rain and thawing of frost. Several of bails of hay were located towards the northern boundary. It is felt that these obstructions had a limited impact on the overall survey; in total 0.44 hectares was surveyed.
- 2.1.3. Survey grid points were established across the site using a Leica Viva GNSS with an accuracy of 0.03m, at 30x30m intervals.

2.2. Topsoil Magnetic Susceptibility Survey

2.2.1. Due to the large scale of the survey area, data were collected by taking five readings within a 5m x 5m square (one near each corner and a rough centre point), the median average of these values was ascertained and selected to represent the entire 5mx5m square. The 5m x 5m grid for this survey was super imposed over that of the

existing 30mx30m grid used for both the earth resistance and the gradiometer survey.

2.3. Gradiometer Survey

- 2.3.1. The survey was conducted in accordance with English Heritage guidelines (2008), using a Bartington Grad601-2 fluxgate gradiometer instrument, which has a vertical separation of 1m between sensors. Data were collected at 0.25m intervals along transects spaced 1m apart with an effective sensitivity of 0.03nT. Data were collected in the zigzag method to speed up data collection.
- 2.3.2. Data from the survey was subject to minimal data correction processes, using Terrasurveyor. These processes comprise a zero-mean traverse function (±5nT thresholds) applied to correct for any variation between the two Bartington sensors used, and a de-step function to account for variations in traverse position due to varying ground cover and topography. These two steps were applied to all survey areas, with no interpolation applied. In places, further data processing was undertaken to reduce the effect of periodic errors within the data resulting largely from ground conditions.

2.4. Earth Resistance Survey

- 2.4.1. The earth resistance survey was conducted using a Geoscan RM15 resistance meter, mounted to a frame with a probe spacing of 0.5m. Data were collected at 1m intervals along transects spaced 1m apart with an effective sensitivity of 0.1 ohms. Data were collected in the zigzag method, and the same 30m grid system as that outlined above was utilized.
- 2.4.2. The processing of the data set was undertaken using Terrasurveyor. Basic data processing was carried out using the 'despike' process in order to remove any high resistance data spikes. Then a standard 'high pass' filter was applied to the data in order to reduce the effects of the background geology (reducing any large variations present in the data set) and to enhance the visibility of any archaeological features against the surrounding recorded values. Finally, the data were interpolated or smoothed to make it more readily comprehensible.

3. Results

3.1. Introduction

3.1.1. The geophysical surveys were successful in identifying anomalies of possible archaeological interest across the site, These comprise at least two possible structures, one of which appears to be partially bounded within probable enclosure ditches. In addition, an area of enhanced magnetism, containing numerous discrete magnetic anomalies was identified. Finally, a hearth, or highly magnetic discrete feature, that may be partially enclosed by linear features. The size and scale of this feature makes it unlikely to be associated with pottery production, especially as this lies separate from any visible 'building-like' anomaly. In addition to all of the aforementioned, regions of increased magnetic response relating to ferrous anomalies and a number of additional linear trends have also been detected.

3.2. Interpretation

Topsoil Magnetic Susceptibility Survey (Fig. V.2)

3.3. Areas of high values reinforce what is present within gradiometer dataset, in that magnetically enhanced material appears to lie within the northern extremes of the survey area in the eastern field. The results from the western field reinforce that of the earth resistance survey.

Gradiometer Survey (Figs. V.3, V.4a and Fig. V.4b)

- 3.3.1. The most obvious anomalies are a series of linear trends, all of which lie towards the eastern site boundary; these have been labelled as 1, 2, 3 and 4 in Fig. V.39b. These are almost certainly of archaeological origin. Anomaly 1 appears to correlate with an enclosure. Anomaly 5 lies within this enclosure, and anomaly 3 and 4 possibly form a western boundary. Anomaly 5 comprises an area of enhanced magnetism, possibly from a building or buried platform for a structure. Anomaly 6 represents an area of less enhanced magnetism, but is still probably of archaeological origin. These anomalies comprise areas of variable values of positive and negative magnetic readings. These may relate to the location of remains of buildings, but this would need to corroborated with other sources of information. The anomaly is thought to represent a building as this location correlates with a building shown on Norden's 1605 estate map.
- 3.3.2. Anomaly **8** is likely to represent a similar structural arrangement to that previously mentioned, forming a separate tenement style plot with platform and/or building.
- 3.3.3. Anomaly **7** comprises a circular arrangement of relatively low magnetism. The anomaly is potentially of archaeological origin, but the shape in plan is unusual. The anomaly is of low magnetism.
- 3.3.4. The northern extent of the survey area, to the northeast, is occupied by an extensive zone of *increased* magnetic responses. Within this lies discrete concentrations, including anomalies 9,10 and 11. It is probable that these represent clay extraction pits as shown on Norden's map as '*pitts of potters clay*'. If these are backfilled with large amounts of ceramic waste then this may explain the high magnetism witnessed from these anomalies.

Earth Resistance Survey (Figs. V.5-V.6)

- 3.3.5. The earth resistance survey displays some of the same anomalies that are presented in the gradiometer survey. A number of the same linear trends are present such as anomaly **1**, **2**, **3** and **5**. All of these anomalies, bar no. **5** occur as relatively high resistance anomalies, with **5**, demonstrating less resistance.
- 3.3.6. Anomaly **4** does not appear on the magnetometery data, yet appears on the earth resistance as high resistance anomalies. This is considered to be of probable archaeological origin.
- 3.3.7. Anomaly **4** does not appear on the magnetometery data, yet appears on the earth resistance as high resistance anomalies. This is considered to be of probable archaeological origin.

3.3.8. Large sections of the survey area were not able to be examined due to the amount of standing water across the area. This has undoubtedly caused a lack of contrast across the survey area within the data – this can be seen, to a degree, in the low resistance results on the eastern side of the survey area.

4. Conclusion

- 4.1.1. The surveys have successfully identified suspected archaeological features, such as past enclosures, boundary ditches, potential buildings and probable former clay extraction pits; most of these features were shown on historic mapping. The survey has also identified potential buildings that were not shown on any of the historic mapping.
- 4.1.2. The survey highlights the likelihood that the entire former frontage onto the common land in Crendell was occupied by buildings. Furthermore, the data suggests that an extensive area of common land here was heavily quarried for clay, and probably backfilled with ceramic waste. This ceramic waste may be pivotal in understanding the early history of the Verwood-type pottery industry.

5. References

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Fig. V.3: Raw data from magnetometry survey



Fig. V.4a(left): Processed magnetometry data; Fig. V.4b(right): Interpretation of magnetometry data



Fig. V.5: Raw Data from Earth Resistance survey on land east of Pond Farm



Appendix VI: Land to the north of Fordingbridge Road, Alderholt, Dorset (Site ALD10)

SU12321323

Results of a series of geophysical surveys undertaken towards a PhD at Bournemouth University

By D. Carter

September 2018



Non-technical summary

A series of geophysical surveys was conducted over land to the north of Fordingbridge Road, Alderholt, Dorset. The project was undertaken as part of a postgraduate study at Bournemouth University, examining the nature of past pottery production in east Dorset. The aim of the investigation was to establish the presence, absence, and/or nature of detectable archaeological features on the site, and to ascertain whether any of potential features may relate to past pottery production within the bounds of the site. The site has been hypothesised as a Verwood-type pottery production site, known as Alderholt no. 10 (ALD10; Algar *et al.* 1987).

The site comprises two land parcels. The larger western field was under grass for hay. This comprised 0.9 hectares of survey, with the smaller eastern one comprising back garden in a property under construction, comprising 0.1 hectares. Agricultural and construction related obstructions were present within both survey areas, these are plotted as dummy log/missing data.

The investigation comprised a magnetic survey by gradiometer, earth resistance, and topsoil magnetic susceptibility. These demonstrated a small number of anomalies concentrated within a linear trend representing a former enclosure. A number of anomalies imply pottery production has been undertaken in vicinity to the site; however, no direct and obvious anomalies relating to pottery production (*e.g.* a kiln) were identified within the bounds of the survey. However, a series of linear trends, perhaps relating to former boundaries and enclosures, along with a rectangular anomaly possibly representing a building with a potential associated hearth. The geophysical survey was undertaken in July 2017.

Acknowledgements

The investigations were undertaken by D. Carter with the help of R. Carter and F. Leech. The data was processed and interpreted by D. Carter who produced this report. Advice on interpretation was sought from P.Cheetham. The permission and aid of both the Gould and Palmer families for granting access to this important area of east Dorset is gratefully acknowledged.

1. Introduction

1.1. Project Background

- 1.1.1. This report outlines the details of the site location, the methodology used, the survey results and the interpretation of the geophysical data collected.
- 1.1.2. Multiple geophysical surveys were undertaken on land to the north of Fordingbridge Road, Alderholt Dorset; the site is centred on SU12321323 (Fig. VI.1). Alderholt lies west of Fordingbridge and north of Ringwood.
- 1.1.3. The surveys form part of a series of investigations on sites across east Dorset considered to have potential for archeological evidence for medieval and post-medieval ceramics production. The work was carried out as part of the data collection towards a Doctorate of Philosophy within the Faculty of Science and Technology, at Bournemouth University.
- 1.1.4. The aims of the survey comprise:
 - To conduct a series of geophysical surveys covering as much as the area the area in question as possible;
 - To determine the presence or absence of archaeological features and to map the locations of these articles;
 - To identify and clarify the potential significance of any archaeological features highlighted.

1.2. Site Location

- 1.2.1. The site is located within the northern extent of Alderholt, which lies 3.5km southwest of Fordingbridge and 8km northwest of Ringwood, within the county of Dorset.
- 1.2.2. The site lies on relatively flat ground, with the area being dominated by arable fields covered in grass, and dispersed housing.
- 1.2.3. The site is divided into two plots of land; the larger lies to the west comprising arable land. The smaller to the east forms a garden to the rear of a residential garden. The western field was covered in low grass at the time of the survey. The eastern land parcel contained areas of construction materials and debris the survey being undertaken during mid-construction of a new house on the plot.

1.3. Geology and Soils

- 1.3.1. The underlying geology for the site is recorded as Broadstone sand with London clay immediately to the north (BGS).
- 1.3.2. It is considered likely that any overlying soils comprise rich loamy or sandy soils deriving from the buried geology. These soils are known to be acidic but are considered suitable for a variety of archaeological features to be detected by a range of geophysical techniques.

1.4. Archaeological and Historical Background

- 1.4.1. The site lies within 500m of four known post-medieval pottery kiln sites, forming part of the Verwood-type pottery industry; these kilns have been recorded by Algar *et al.* (1987) as Alderholt Kilns 8 11.
- 1.4.2. Alderholt Kiln 10 is the hypothesised production site that lies within the bounds of the investigation area. The date of recovered sherds from this area, suggests a date of 1600 1750. However, due to the location being so close to the former common lands, it is proposed that kiln 10 may be of an earlier date (Anthony Light pers comm). Both this site and that of site 8 are thought to be of particular interest as these plots are thought to be enclosed from the common lands of Alderholt at a relatively early date. The plot containing kiln 9 is enclosed from the common in 1602 (Alger *et al.* 1987). It is worthy of note however, that the aforementioned enclosure does not appear on an estate map by Norden of the area dated 1605. Due to the presence of site 10, this site has been proposed for archaeological investigation, to greater understand this potential pottery production site.
- 1.4.3. Kiln 9 lies to the immediate east south east of the site and is known to be of a similar date, possibly mid-1600s 1700s (*ibid*.). A later production site, Alderholt Kiln 11 (*ibid*.), lies to the south on the opposing side of the B3078, this is thought to be of 1700s to mid-1800s in date (*ibid*.); kiln 11 now lies under a bungalow built in the 1960s. Finally, kiln 8 lies immediately to the south west of the site and is thought to be of the same date as that of kiln 10 (*ibid*); although the enclosed land at site 8 is shown on the 1605 Norden map, where none of the others appear.

2. Methodology

2.1. Introduction

- 2.1.1. Three techniques were considered appropriate to meet the aims of the investigation. The first being magnetic susceptibility; secondly, magnetometry; and thirdly, earth resistance. The first to plot areas of magnetic enhancement likely to derive from human interaction evidenced through heating as part of ceramics production, and the second to aid in defining any potential structural elements or features of low-magnetism.
- 2.1.2. Field conditions at the start of the survey were acceptable; however, data collection was not possible over some areas due to the presence of farm machinery in the western field and construction debris in the eastern land parcel. Survey grid points were established across the site using a Leica Viva GNSS with an accuracy of 0.02m, at 30x30m intervals.
- 2.1.3. The earth resistance survey was the last geophysical survey to be undertaken in the survey area. By this time the ground was incredibly dry and the probes occasionally struggled to create a circuit, thus generating a reading. With this in mind, the results of the earth resistance survey should not be relied upon as comprehensively illustrating all potential archaeological features present in the survey area, and as such should not be relied upon in isolation from the other geophysical survey methods.

2.2. Topsoil Magnetic Susceptibility Survey

2.2.1. Due to the large scale of the survey area, data were collected by taking five readings within a 5m x 5m square (one near each corner and a rough centre point), the median average of these values was ascertained and selected to represent the entire 5mx5m square. The 5m x 5m grid for this survey was super imposed over that of the existing 30mx30m grid used for both the earth resistance and the gradiometer survey.

2.3. Gradiometer Survey

- 2.3.1. The survey was conducted in accordance with English Heritage guidelines (2008), using a Bartington Grad601-2 fluxgate gradiometer instrument, which has a vertical separation of 1m between sensors. Data were collected at 0.25m intervals along transects spaced 1m apart with an effective sensitivity of 0.03nT. Data were collected in the zigzag method to speed up data collection.
- 2.3.2. Data from the survey were subject to minimal correction processes, using Terrasurveyor. These processes comprise a de-step/de-stripe function to account for variations in traverse position due to varying ground cover and topography, and finally a de-spike function to reduce the appearance of any small and isolated (threshold 3x3) highly magnetic anomalies within the dataset in order to aid interpretation. These steps were applied to all survey areas, with no interpolation applied. The processed data is presented in Figs. VI.4a, with the interpretation of this dataset presented in Fig. VI.4b.

2.4. Earth Resistance Survey

- 2.4.1. The earth resistance survey was conducted using a Geoscan RM15 resistance meter, mounted to a frame with a probe spacing of 0.5m. Data were collected at 1m intervals along transects spaced 1m apart with an effective sensitivity of 0.1 ohms. Data were collected in the zigzag method, and the same 30m grid system as that outlined above was used. The raw data is presented in Fig. VI.5 with processed data in Fig. VI.6a and the interpretation shown in Fig. VI.6b.
- 2.4.2. Smaller areas were surveyed at 0.5m intervals along 0.5m transects (in 10mx10m grids based upon the existing 30m x 30m grid) to improve the resolution of the anomalies identified on the 1m survey. This was only undertaken on a small number of grids as this was the last day of survey and time was very limited.
- 2.4.3. The processing of the data set was undertaken using Terrasurveyor. Basic data processing was carried out using the despike process in order to remove any high resistance data spikes. The grids were edge matched to ensure similarity of values across the two separate survey parcels. Then a standard 'high pass' filter was applied to the data in order to reduce the effects of the background geology (reducing any large variations present in the data set) and to enhance the visibility of any archaeological features against the surrounding recorded values. Finally, the data were clipped to achieve acceptable contrast between values, making certain anomalies clearer.

3. Results

3.1. Introduction

- 3.1.1. The geophysical surveys have been successful in identifying anomalies of possible archaeological interest across the site, these comprise an enclosed area, bounded by two linear ditched boundaries, an area of enhanced magnetism, a potential building, and a hearth or oven illustrating relatively high temperatures. The size and scale of this feature makes it unlikely to be associated with pottery production, especially as this lies outside the potential 'building' response. Regions of increased magnetic response, ferrous anomalies and a number of trends have also been detected.
- 3.1.2. Results are presented as a series of greyscale plots, and archaeological interpretations, at a scale of 1:1000 (Figs. VI.3 to VI.4b). The gradiometer data are displayed at -3nT (white) to +3nT (black) for the greyscale images. The interpretation of the datasets highlights the presence of potential archaeological anomalies, potential geological variations, ferrous/burnt or fired objects, and magnetic trends (Fig. VI.4b).

3.2. Interpretation

Topsoil Magnetic Susceptibility Survey (Fig. VI.2)

3.2.1. Areas of high values reinforce what is presented within gradiometer dataset, in that magnetically enhanced material appears to lie within the south eastern corner of the survey area in the larger western land parcel. A linear magnetic trend is noted in the eastern land parcel. The linear has a northeast – southwest alignment.

Gradiometer Survey (Figs. VI.3-4b)

- 3.2.2. The raw data in Fig. VI.3, show the aforementioned northeast southwest linear trend is strongly magnetic, with two ferrous responses present in the larger western land parcel; these comprise manholes for a sewer present within the field. Archaeological features are visible within the processed data (Fig. VI.4a).
- 3.2.3. The most obvious anomalies are two linear trends, initially extending from the southern boundary, extending north, with a change in direction to the east-northeast to form a rectilinear enclosed area (labelled in Fig. VI.4b as anomaly **1** and **12**). This alignment and position is not reflected on any ordnance survey map, but is present on Norden's map, dated 1605. The boundary shares an alignment with the existing rear (northern most) boundaries of the residences that lie to the east south east of the investigation area. These are present on historic OS mapping from the 1880s onwards.
- 3.2.4. There are spreads of increased magnetic response in the south east corner that are considered to represent concentrations of ceramic and/or metallic debris. The majority of this appears to be confined to within the potential enclosure, and is more concentrated towards the south and eastern edges of the survey area. The vast amount of post-medieval 'Verwood-type' pottery fragments, and other highly magnetic ceramic objects, lying on the surface of the survey area are thought to be the likely cause of such a magnetic response.

- 3.2.5. Additionally, a relatively strong magnetic anomaly (labelled as **2** on Fig. VI.4b) with values of -50 to +50nT was identified, possibly representing a hearth, rather than a kiln or oven-like structure.
- 3.2.6. Anomalies **3** and **4** comprise mid-strength magnetic anomalies and are possibly associated. Together, they form a small rectilinear shape, which could be indicative of a building. Structural elements in this heathland area can often be difficult to identify as they are often built from cob, a mixture of clay, sand and gravel – a similar deposit to the underlying natural subsoils.
- 3.2.7. Anomalies 5 and 7 represent low strength magnetic linear trends, possibly forming the remnants of former field systems one such filed system is highlighted by anomaly 6 a feature with medium to low magnetic values.
- 3.2.8. Anomalies **8-10** represent low strength magnetic linear trends; these features are considered to represent potential geological variations, being of natural origin.
- 3.2.9. Anomaly **11** represents a buried brick surface, comprising a former block paved area/garden feature, remnant from the previous building as identified by the developer.

Earth Resistance Survey (Figs. VI.5-6b)

- 3.2.10. The earth resistance survey highlights the presence of the similar suite of potential archaeological features as that put forward in the gradiometer survey. The same linear trends are present (anomalies **1**, **7** and **10** in Fig. VI.6b) as that, reflected in the gradiometer dataset, these present as two linear arrangements of relatively low resistance (*c*.100 ohms) anomalies against that of the surrounding values. This fits the hypothesis of a ditched enclosure. Higher resistance values occurring to the north of this feature are likely to reflect geological variations.
- 3.2.11. An additional low resistance anomaly (**3** in Fig. VI.6b) is present within the enclosed area. This sits just on the fringe and partially within the area of enhanced magnetism illustrated in the gradiometer dataset. Within the earth resistance data, this anomaly is relatively amorphous, with a small (<3m) area of higher resistance within it. It is unclear what this feature might represent, but it is very likely to be archaeological.
- 3.2.12. Anomaly **5** (Fig. VI.6b) represents a medium to high resistance rectilinear, that is partially present in the gradiometer data. It is probable that this feature correlates with the location of a former building.
- 3.2.13. Anomaly 2 (Fig. VI.6b) lies to the east of anomaly 5, representing an area of low resistance with a relatively squared shape in plan. The anomaly is likely to be archaeological in nature, but little comment as to function can be made. Anomaly 6 is a high resistance anomaly that extends outside the area of the survey, and little comment can be made regarding what this article might be. Anomalies 8 and 9 appear to relate to buried garden features that were noted by the developer prior to be ing buried as part of the construction process and the establishment of a larger grassed over rea garden.
- 3.2.14. Anomaly **4** (Fig. VI.6b) represents a low to medium resistance linear anomaly, which corresponds with the location of a modern buried sewer main.

3.2.15. Anomaly 8 (Fig. VI.6b) represents a mixed resistance rectilinear anomaly, which corresponds with the location of buried block paved surface; this surface was buried prior to starting re-development of the plot by the developer. Anomaly 9 appears similar to that of no. 8, but does not correlate with the known position of any feature on the magnetometry, nor any feature recognised by the developer prior to demolition of the previous structure. This anomaly is a high resistance anomaly, suggesting that the article is something dense and/or compacted; this feature cannot be readily explained and must therefore be considered as possible archaeology.

4. Conclusion

- 4.1.1. The surveys have successfully identified known and suspected features, including a modern service, suspected to be present from a visual inspection of the manholes on the ground surface. The presence of a ditched enclosure, a possible building and a potential hearth/oven feature are of interest. The hearth feature is not considered large enough in size, nor illustrating a high enough magnetic response to relate to intensive pottery production, although the area should be investigated in the future if possible. The spread of magnetic material is of interest and again confirms what was noted on the ground surface covered in ceramic waste. Further investigations towards the road frontage may yield further information and a possible source for the ceramic material. The presence of a potential building within the bounds of the survey area is of interest, but again will need to be confirmed by further investigation prior to being relied upon.
- 4.1.2. In summary, there is no clear evidence for pottery production within the bounds of the survey area. Several anomalies require further investigation, either by more enhanced surveys with greater sampling intervals (*i.e.* 0.5m x 0 .5m earth resistance) and a series of earth resistance profiles over certain anomalies may prove beneficial. Should this not be feasible then archaeological trial trenching may provide a suitable, yet destructive alternative.
- 4.1.3. The evidence for pottery production, illustrated by the presence of the heavy sherd scatter as outlined by Algar *et al.* (1987) as site 10 remains somewhat a conundrum.

4.2. Further Note

4.2.1. A small number of sherds illustrating a brown 'manganese' glaze were recovered from the surface here, alongside those of the 'standard' or utilitarian lead glazed Verwood ware. The manganese glazed sherds were certainly in the minority here; no pottery earlier than post-medieval period was visible on ground surface, although no detailed field walking was undertaken. This may prove beneficial to further studies of the Verwood pottery industry or more local studies in general.

5. References

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Fig. VI.3: Raw magnetometery data for land north of Fordingbridge Road (ALD10)



Fig. VI.4a: Processed magnetometry data for site ALD10; Fig. VI.4b: Interpretation of magnetometry data for site ALD10





Fig. VI.6a: Processed earth resistance data for site ALD10; Fig. VI.6b: Interpretation of magnetometry data for site ALD10

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Appendix VII: Detailed Fabric Descriptions of Petrographic Thin Sections

Section I: Clays (Pages 537 – 548)

Section II: Control Group (Pages 549 – 560)

Section III: Samples from Consumption Sites (Pages 561 – 620)

December 2021

D.Carter

Site: Trigon – SAMPLE: TRIG_0

Clay Type: Broadstone Clay

Inclusions: 15-20%, eq. and el. sa-sr. Double to open spaced. Randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 30-40%, 0.75-0.125mm Dominant - frequent quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Few - rare orthoclase feldspar; eq, sa, <0.125mm. Rare ferruginous inclusions; eq and el, sr to rnd, <0.125mm.

Fine Fraction: 60-70%, >0.125mm Frequent -Dominant: Quartz. Common - Frequent: Muscovite. Few - Rare: Undifferentiated feldspar. Very few: Ferruginous inclusions. Very few: Glauconite.

Matrix: 60-70%, Calcareous and partially micaceous. *Matrix colour in PPL:* Off-white to pale grey. *Colour in XP:* Pale yellow to off-white. Strongly optically active. Some concentration and depletion features present across the sample.

Voids: 15-20%, Elongated vugh-shaped meso- to micro-sized voids.

Site: Horton – SAMPLE: H_RC

Clay Type: Reading Clay

Inclusions: 40-50%, eq. and el. sa-sr. close to single spaced. Randomly aligned. Clear bimodal grain size distribution.

Coarse Fraction: 50-60%, 0.75-0.05mm Predominant quartz; eq and el, sa-sr, <0.75mm. Monocrystalline quartz. Polycrystalline quartz in the minority. Frequent - common ferruginous inclusions; eq and el, sa-sr, <0.75mm. Rare orthoclase feldspar; eq, sa, <0.125mm.

Fine Fraction: 40-50%, >0.05mm Frequent -Dominant: Quartz. Common - Frequent: Ferruginous inclusions. Rare undifferentiated feldspar. Very few: Muscovite.

Matrix: 20-30%, Non-calcareous. *Matrix colour in PPL:* Mid yellow to dark red. *Colour in XP:* Mid yellow to mid red. Moderately optically active. Several concentration and depletion features throughout sample. Some dark and pale linear striations typical of a well-stratified sedimentary deposit.

Voids: 20-30%, mixture of vesicular, irregular and vugh-shaped voids. Macro- to micro-sized voids.

Site: Horton – SAMPLE: H_LC

Clay Type: London Clay

Inclusions: 50-60%, eq. and el. sa-sr. close to single spaced. Randomly aligned. Clear bimodal grain size distribution.

Coarse Fraction: 70-80%, 2-0.1mm Predominant quartz; eq and el, sa-sr, <2mm. Monocrystalline quartz. Polycrystalline quartz in the minority. Frequent - common ferruginous inclusions; eq and el, sa-sr, <1mm. Very rare orthoclase feldspar; eq, sa, <0.25mm.

Fine Fraction: 20-30%, <0.1mm Frequent: Quartz. Common - Frequent: Ferruginous inclusions. Rare: Undifferentiated feldspar.

Matrix: 10-20%, Non-calcareous. *Matrix colour in PPL:* Dark brownish red. *Colour in XP:* Dark reddish brown. Optically inactive No visible features throughout sample.

Voids: 20-30%, mixture of vesicular, irregular and vugh-shaped voids. Macro- to micro-sized voids.

Site: Old Claygrounds, Crendell – SAMPLE: OC_LC

Clay Type: London Clay

Inclusions: 50-60%, eq. and el. sa-sr. close to double spaced. Randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 75-85%, 2-0.1mm Predominant quartz; eq and el, ang-sr, <2mm. Monocrystalline quartz. Polycrystalline quartz in the minority. Some are iron stained. Common ferruginous inclusions; eq and el, sa-sr, <1mm. Rare flint; eq and el, ang-sa, <0.75mm. Very rare orthoclase feldspar; eq, sa, <0.75mm.

Fine Fraction: 15-25%, <0.1mm Frequent - Dominant Quartz. Common - Frequent: Ferruginous inclusions. Rare: Undifferentiated feldspar. Very rare amphibole.

Matrix: 20-30%, Non-calcareous. *Matrix colour in PPL:* Dark brownish red. *Colour in XP:* Dark reddish brown. Optically inactive Some iron rich striations, suggests relatively stratified deposit.

Voids: 10-20%, mixture of vesicular, irregular and vugh-shaped voids. Macro- to micro-sized voids.

Site: Farley, Wiltshire - SAMPLE: F_LC

Clay Type: London Clay

Inclusions: 50-60%, eq. and el. sa-sr. close to double spaced. Randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 1-0.2mm Predominant - dominant quartz; eq and el, ang-sr, <1mm. Monocrystalline quartz. Polycrystalline quartz in the minority. Some are iron stained. Common ferruginous inclusions; eq and el, sa-sr, <0.5mm.Rare flint; eq and el, ang-sa, <0.75mm. Few flint; eq and el, ang-sa, <0.75mm.

Fine Fraction: 30-40%, <0.2mm Frequent - Dominant Quartz. Common: Ferruginous inclusions. Few: Flint. Rare: Undifferentiated feldspar. Very rare: Muscovite.

Matrix: 20-30%, Non-calcareous. *Matrix colour in PPL:* Dark brownish red. *Colour in XP:* Dark reddish brown. Slightly optically active. Some iron rich striations, suggests relatively stratified deposit.

Voids: 10-20%, mostly vesicular, irregular and vugh-shaped voids. Mega- to micro-sized voids.

Site: Farley, Wiltshire - SAMPLE: F_RC

Clay Type: Reading Clay

Inclusions: 20-30%, eq. and el. sa-rnd, single to open spaced. Randomly aligned. Clear bimodal grain size distribution.

Coarse Fraction: 50-60%, 0.75-0.125mm Predominant – dominant quartz; eq and el, ang-sr, <1mm. Monocrystalline quartz. Polycrystalline quartz in the minority. Some are iron stained. Common flint; eq and el, ang-sa, <0.5mm. Few - rare ferruginous inclusions; eq and el, sr-rnd, <0.5mm.

Fine Fraction: 40-50%, <0.125mm Frequent – Dominant: Quartz. Common: Flint. Few: Ferruginous inclusions. Rare: Undifferentiated feldspar. Very rare: Muscovite.

Matrix: 20-30%, Non-calcareous. *Matrix colour in PPL:* Mid red to black. *Colour in XP:* Light yellowish red to black. Optically inactive. Some iron poor striations. Extensive iron rich areas (black in both XP and PPL).

Site: Near Pond Farm, Crendell – SAMPLE :C_LC

Clay Type: London Clay

Inclusions: 50-60%, eq. and el., sa-sr, close spaced. Randomly aligned. Clear bimodal grain size distribution.

Coarse Fraction: 70-80%, 2-0.2mm Predominant quartz; eq and el, ang-sr, <1mm. Monocrystalline quartz. Polycrystalline quartz in the minority. Some are iron stained. Common flint; eq and el, ang-sa, <0.75mm. Few - rare ferruginous inclusions; eq and el, sa-sr, <2mm. Few - rare orthoclase feldspar; eq, sa, <0.75mm.

Fine Fraction: 30-20%, <0.2mm Dominant: Quartz. Common: Flint. Few: Ferruginous inclusions. Few: Flint. Rare: Undifferentiated feldspar. Very rare: Muscovite.

Matrix: 10-25%, Non-calcareous. *Matrix colour in PPL:* Mid reddish brown. *Colour in XP:* Mid brown. Optically inactive. None visible.

Site: Pond Farm, Crendell – SAMPLE :C_RC

Clay Type: Reading Clay

Inclusions: 40-50%, eq. and el., sa-sr, close to single spaced. Randomly aligned. Clear bimodal grain size distribution.

Coarse Fraction: 50-60%, 1-0.05mm Dominant quartz; eq and el, sa-sr, <1mm. Monocrystalline quartz. Polycrystalline quartz in the minority. Some are iron stained. Common flint; eq and el, ang-sa, <0.5mm. Few - rare ferruginous inclusions; eq and el, sa-sr, <1mm. Rare orthoclase feldspar; eq, sa, <0.5mm.

Fine Fraction: 40-50%, <0.05mm Dominant: Quartz. Common: Flint. Few: Ferruginous inclusions. Rare: Undifferentiated feldspar.

Matrix: 10-20%, Non-calcareous. *Matrix colour in PPL:* Mid reddish brown. *Colour in XP:* Mid brown. Optically inactive. None visible.

Site: Verwood Recreation Ground – SAMPLES: VER_A, VER_B, VER_C

Clay Type: Broadstone Clay

Inclusions: 50-60%, eq. and el., sa-sr, close to single spaced. Randomly aligned. Clear bimodal grain size distribution.

Coarse Fraction: 20-30%, 0.75-0.1mm Predominant quartz; eq and el, sa-sr, <0.75mm. Monocrystalline quartz. Polycrystalline quartz in the minority. Few - rare ferruginous inclusions; eq and el, sa-sr, <2mm. Few - rare orthoclase feldspar; eq, sa, <0.75mm.

Fine Fraction: 70-80%, <0.1mm Dominant: Quartz. Common: Flint. Few: Ferruginous inclusions. Few: Glauconite. Rare: Undifferentiated feldspar. Very rare: Muscovite.

Matrix: 20-30%, Non-calcareous.
Matrix colour in PPL: Light grey to mid brown. Colour in XP: Light greyish yellow to light reddish brown.
Optically inactive.
Several concentration and depletion features throughout. Some pale linear striations typical of a well stratified sedimentary deposit.

Site: East Worth - SAMPLE: EWC

Clay Type: Broadstone Sand

Inclusions: 20-30%, eq. and el., sa-sr, single to open spaced. Randomly aligned. Single mode grain size distribution.

Coarse Fraction: None

Fine Fraction: 100%, <0.125mm Predominant: Quartz. Common: Ferruginous inclusions. Few: Glauconite Rare: Undifferentiated feldspar. Very rare: Muscovite.

Matrix: 60-70%, Partially calcareous, iron poor.

Matrix colour in PPL: Light yellow to mid reddish brown. *Colour in XP:* Light greyish yellow to mid reddish brown.

Poorly optically active.

Several concentration and depletion features throughout. Some iron rich striations typical of a well stratified sedimentary deposit.

Site: Petersfinger, Wiltshire - SAMPLE: PTR

Clay Type: Alluvium/Head Deposits

Inclusions: 50-60%, eq. and el., sa-sr, close to single spaced. Randomly aligned. Clear bimodal grain size distribution.

Coarse Fraction: 20-30%, 1-0.1mm Dominant quartz; eq and el, sa-sr, <1mm. Monocrystalline quartz. Polycrystalline quartz in the minority. Some are iron stained. Few flints; eq and el, ang-sr, <1mm. Few - rare ferruginous inclusions; eq and el, sa-sr, <0.75mm. Rare orthoclase feldspar; eq, sa, <0.5mm. Rare glauconite; eq, sr-rnd, <0.125mm.

Fine Fraction: 70-80%, <0.1mm Dominant: Quartz. Common: Flint. Few: Ferruginous inclusions. Few: Glauconite Rare: Undifferentiated feldspar. Rare: Muscovite.

Matrix: 10-20%, Non-calcareous. *Matrix colour in PPL:* Mid reddish brown. *Colour in XP:* Light reddish yellow to mid red. Modertately optically active. Several concentration and depletion features throughout. Some pale linear striations typical of a stratified sedimentary deposit –supports the alluvial nature of the sample.

Site: Wimborne Minster - SAMPLE: WIM

Clay Type: West Park Farm Clay

Inclusions: 60-70%, eq. and el., sa-sr, close to single spaced. Randomly aligned. Clear bimodal grain size distribution.

Coarse Fraction: 20-30%, 1-0.1mm Dominant quartz; eq and el, sa-sr, <1mm. Monocrystalline quartz. Polycrystalline quartz in the minority. Some are iron stained. Rare flint; eq and el, ang - sa, <1mm. Rare ferruginous inclusions; eq and el, sa-sr, <0.75mm. Rare orthoclase feldspar; eq, sr, <0.5mm. Very rare glauconite; eq, sr-rnd, <0.1mm.

Fine Fraction: 70-80%, <0.1mm Dominant: Quartz. Common: Flint. Few: Ferruginous inclusions. Few: Glauconite Rare: Undifferentiated feldspar. Rare: Muscovite.

Matrix: 10-20%, Non-calcareous. *Matrix colour in PPL:* Mid reddish brown. *Colour in XP:* Light reddish brown to mid red. Modertately optically active. Several concentration and depletion features throughout.

Site: Crendell (ALD3) - SAMPLES: ALD3-4, -8, -34, -42, -45

Visual Fabric Assignment: Verwood-type Broad Date/Period: Post-medieval

Inclusions: 20-30%, eq. and el, sa-sr. Close to double spaced. Inclusions randomly aligned. Clear bimodal grain size distribution.

Coarse Fraction: 60-70%, 2-0.2mm Frequent quartz; eq and el, sa - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common - few ferruginous inclusions; eq and el, sr-rnd, <2mm. Rare orthoclase feldspar; eq, sa, <0.125mm. Very rare glauconite; sr-rnd, <0.15mm - heat affected mid reddish yellow. Very rare flint; eq, sa, <1.25mm. Very rare grog; el, sa-sr, <0.5mm; with quartz inclusions, eq and el, sr, <0.1mm. Very rare argillaceous features, eq and el, sr-rnd, <1.5mm - often iron poor with no zoning.

Fine Fraction: 30-40%, <0.2mm Frequent - Dominant: Quartz. Common: Ferruginous inclusions. Few: Glauconite. Rare: Flint. Very Rare: Undifferentiated feldspar. Very rare: Muscovite.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL:* Light yellowish brown. *Colour in XP:* Dark yellow to light yellow. Strongly optically active. Very rare textural features, eq and el, sr-rnd, <1mm - often iron poor with no zoning.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids. Wheelthrown, some vugh-shaped voids aligned to long axis of artefact

Comment: Harbridge – Alderholt variant of Verwood-type fabric displaying less iron –rich elements than Horton and fewer argillaceous inclusions than Edmondsham. Certainly wheelthrown. The clay source for these wares is considered likely to be Crendell Common and there are similarities with the reading clay sample taken.

Petrographic Thin Section Grouping Assignment: Verwood-type Sub-group 2b – Harbridge and Alderholt

Site: Salisbury Arms Farm, Alderholt (ALD8) - SAMPLES: ALD8-3, -11, -18, -19, -33

Visual Fabric Assignment: Verwood-type Broad Date/Period: Post-medieval

Inclusions: 15-25%, eq. and el, sa-sr. Close to double spaced. Inclusions randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 2-0.2mm

Frequent quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common – few ferruginous inclusions; eq and el, sr-rnd, <1mm. Rare orthoclase feldspar; eq, sa, <0.125mm. Rare glauconite; sr-rnd, <0.15mm - heat affected mid reddish yellow. Very rare flint; eq, sa, <0.25mm. Very rare grog; el, sa-sr, <1.25mm. Quartz inclusions, eq and el, sr, <0.125mm. Very rare argillaceous features; eq and el, sr-rnd, <2mm - often iron poor with no zoning.

Fine Fraction: 30-40%, <0.2mm Frequent -Dominant: Quartz. Common: Ferruginous inclusions. Rare: Flint. Rare: Glauconite. Very Rare: Undifferentiated feldspar. Very rare: Muscovite.

Matrix: 50-60%, Calcareous.

Matrix colour in PPL: Light yellowish brown. *Colour in XP:* Dark yellow to light yellow. Strongly optically active.

Very rare textural features, eq and el, sr-rnd, <1mm - often iron poor with no zoning.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids. Wheelthrown, some vugh-shaped voids aligned to long axis of artefact

Comment: Alderholt and Harbridge variant of Verwood-type pottery fabric. This variant displays less iron –rich elements than Horton and fewer argillaceous inclusions than Edmondsham. The fabric during polishing for most examples is darker than Edmonsham, which when polished appears pale pastel in all examples. Certainly wheelthorwn.

Petrographic Thin Section Grouping Assignment: Verwood-type Sub-group 2b – Alderholt and Harbridge

Site: Gotham Farm, Edmondsham (EDM1) - SAMPLES: EDM1-1, -2, -5, -8, -13

Visual Fabric Assignment: Verwood-type Broad Date/Period: Post-medieval

Inclusions: 30-40%, eq. and el, sa-sr. Single to double spaced. Inclusions randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 70-80%, 3.5-0.1mm Frequent quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common – few ferruginous inclusions; eq and el, sr-rnd, <1mm. Common - few argillaceous features; eq and el, sr-rnd, <3.5mm - often iron rich with poor zoning. EDM1-5 has common iron poor textural features (<1mm). Few flint; eq, sa, <0.25mm. Rare orthoclase feldspar; eq, sa, <0.125mm. Rare glauconite; sr-rnd, <0.15mm - heat affected mid reddish yellow. Very rare muscovite; ang, <0.125mm.

Fine Fraction: 20-30%, <0.1mm Frequent - Dominant: Quartz. Common: Ferruginous inclusions. Few: Glauconite - for EDM1-5 this is more common than Few. Few - Rare: Undifferentiated feldspar. Rare: Glauconite. Rare: Undifferentiated feldspar. Very rare: Muscovite.

Matrix: 30-40%, Calcareous. Matrix colour in PPL: Light yellow. Colour in XP: Light yellowish brown to light yellowish white.

Moderately optically active, but EDM1-5 is strongly optically active.

Commonly textural features throughout, eq and el, sr-rnd, <3.5mm - often iron rich with poor zoning. EDM1-5 has common iron poor textural features (<1mm).

Voids: 10-20%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids. Wheelthrown, some vugh-shaped voids aligned to long axis of artefact

Comment: Edmondsham variant of Verwood-type fabric can be defined by more argillaceous features than Horton, Verwood, Alderholt and Harbridge, but less iron-rich inclusions than the aforementioned, bar Horton, which has more. Colour during polishing of all Edmonsham examples was pale pastel shades, more so than other examples. Certainly wheelthrown.

Petrographic Thin Section Grouping Assignment: Verwood-type Sub-group 3 – Ed-mondsham

Site: Harbridge, Hampshire (HAR1) - SAMPLES: HAR1-8, -9, -22, -30, -37

Visual Fabric Assignment: Verwood-type Broad Date/Period: Post-medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to single spaced. Inclusions randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 1.25-0.2mm

Frequent quartz; eq and el, sa - rnd, <0.5mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common – few ferruginous inclusions; eq and el, sr-rnd, <1mm. For HAR1-37 only - Few argillaceous features, eq and el, sr-rnd, <0.75mm - iron poor with no zoning. Rare orthoclase feldspar; eq, sa, <0.125mm. Very rare glauconite; sr-rnd, <0.15mm - heat affected mid reddish yellow. Very rare flint; eq, sa, <0.5mm.

Fine Fraction: 30-40%, <0.2mm Frequent - Dominant: Quartz. Common: Ferruginous inclusions. Rare: Glauconite. Rare: Flint. Very Rare: Undifferentiated feldspar.

Matrix: 30-40%, Calcareous.

Matrix colour in PPL: Light yellowish brown. *Colour in XP:* Dark yellow to light yellow. Strongly optically active. Some iron rich striations towards the centre of the artefacts. For HAR1-37 only there are few textural feautres, eq and el, sr-rnd, <0.75mm - iron poor with no zoning.

Voids: 10-20%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids. Wheelthrown, some vugh-shaped voids aligned to long axis of artefact

Comment: Alderholt and Harbridge variant of Verwood-type pottery fabric. This variant displays less iron–rich elements than Horton and fewer argillaceous inclusions than Edmondsham. Certainly wheelthrown.

Petrographic Thin Section Grouping Assignment: Verwood-type Sub-group 2b – Harbridge and Alderholt

Site: Horton village (HOR1) - SAMPLES: HOR1-2, -10, -11, -13, -19

Visual Fabric Assignment: Verwood-type (Horton Variant) Broad Date/Period: Post-medieval

Inclusions: 40-50%, eq. and el, sa-sr. Close to single spaced. Inclusions aligned to nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 50-60%, 2-0.1mm Frequent quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Frequent ferruginous inclusions; eq and el, sa-rnd, <2mm. Completely black when hard fired (*e.g.* HOR1-10). Rare flint; eq, sa, <0.125mm. Rare orthoclase feldspar; eq, sa, <0.125mm. Few - rare orthoclase feldspar; eq, sa, <0.125mm. Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow.

Fine Fraction: 40-50%, <0.1mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Flint. Rare: Undifferentiated feldspar. Rare: Glauconite. Rare: Undifferentiated feldspar. Very rare: Muscovite. None seen in HOR1-10 and -11

Matrix: 20-30%, Calcareous, generally iron poor matrix. *Matrix colour in PPL:* Light yellowish brown to light yellowish grey. *Colour in XP:* Mid yellow to light greyish yellow. Ranging from strongly optically active to not optically active (*e.g.* HOR1-10). No textural features visible within matrix.

Voids: 20-30%, meso- to micro- sized vesicular voids. Mega- to micro-sized vugh-shaped voids. Wheelthrown, some vugh-shaped voids aligned to long axis of artefact

Comment: Horton variant Verwood-type fabrics can be defined by via dominant iron-rich inclusions and iron-rich argillaceous features, with rare glauconite, and only little muscovite. Certainly Wheelthrown.

Petrographic Thin Section Grouping Assignment: Verwood-type Sub-group 1 - Horton

Site: Brickplace Copse, Horton (HOR2) - SAMPLES: HOR2-1, -2, -6, -18, -45

Visual Fabric Assignment: Verwood-type (Horton Variant) Broad Date/Period: Post-medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to single spaced. Inclusions aligned to nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 1-0.1mm

Frequent quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Frequent ferruginous inclusions; eq and el, sr-rnd, <1mm. Few flint; eq, sa, <0.25mm. Few - rare orthoclase feldspar; eq, sa, <0.125mm. Rare glauconite; sr-rnd, <0.15mm - heat affected mid reddish yellow. Very rare muscovite; ang, <0.125mm. Very rare chlorite; sa, <0.125mm.

Fine Fraction: 30-40%, <0.1mm Frequent - Dominant: Quartz. Common - Frequent: Ferruginous inclusions. Few: Flint. Few - Rare: Undifferentiated feldspar. Rare: Glauconite. Rare: Undifferentiated feldspar. Very rare: Muscovite.

Matrix: 30-40%, Calcareous, generally iron poor matrix. *Matrix colour in PPL:* Light yellowish brown. *Colour in XP:* Mid yellow to light yellowish white. Strongly optically active. No textural features visible within matrix.

Voids: 10-20%, meso- to micro- sized vesicular voids. Mega- to micro-sized vugh-shaped voids. Wheelthrown, some vugh-shaped voids aligned to long axis of artefact

Comment: Horton variant Verwood-type fabrics can be defined by via dominant iron-rich inclusions and iron-rich argillaceous features, with rare glauconite, and only little muscovite. Certainly Wheelthrown.

Petrographic Thin Section Grouping Assignment: Verwood-type Sub-group 1 - Horton

Site: East Worth, Verwood (VER2) – SAMPLES: EWR2, -6, -7, -9, -12

Visual Fabric Assignment: Verwood-type Broad Date/Period: Post-medieval

Inclusions: 30-40%, eq and el, ang-sr. Close to single spaced. Inclusions generally aligned to long axis. Moderate bimodal grain size distribution.

Coarse Fraction: 60-70%, 0.75-0.05mm

Frequent - dominant quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common - few ferruginous inclusions; eq and el, sr-rnd, <0.75mm. Appears to infill some voids in EWR-9. Few - rare argillaceous features, eq and el, sr-rnd, <0.75mm - iron poor with rare quartz in-

clusions (<0.125mm), occasionally iron-rich areas within - no apparent zoning. Rare muscovite; el, ang. <0.125mm.

Very rare glauconite; sr-rnd, <0.1mm - heat affected mid reddish yellow.

Very rare orthoclase feldspar; eq, sa, <0.125mm.

Very rare flint; eq and el, sa, <0.25mm.

Very rare sandstone; sa, eq, <1.25mm - only seen in EWR-12

Fine Fraction: 30-40%, <0.05mm Dominant: Quartz. Common: Ferruginous inclusions. Few: Muscovite. Rare: Glauconite. Very rare: Undifferentiated feldspar.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL:* Light yellow brown to light yellowish grey. *Colour in XP:* Light greyish yellow to mid yellowish red. Moderate to poorly optically active Few textural concentration and depletion features, eq and el, sr-rnd, <0.5mm.

Voids: 10-20%, meso- to micro- sized vesicular voids. Meso- and micro-sized vugh-shaped voids.

Comment: Wheelthrown, some vugh-shaped voids aligned to long axis of artefact. Very similar to VER3 samples, but with greater proportion of quartz in both coarse and fine fractions, plus mica appears to be more common in the East Worth samples, but both EWR and VER3 samples exhibit muscovite.

Petrographic Thin Section Grouping Assignment: Verwood-type Sub-group 2a - Verwood and East Worth

Site: Crossroads (VER3) - SAMPLES: VER3-4, -16, -21, -32, -37

Visual Fabric Assignment: Verwood-type Broad Date/Period: Post-medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to double spaced. Inclusions randomly aligned. Moderate bimodal grain size distribution.

Coarse Fraction: 50-60%, 2-0.05mm

Frequent quartz; eq and el, ang - sr, <0.5mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common - few ferruginous inclusions; eq and el, sr-rnd, <0.75mm. Very rare orthoclase feldspar; eq, sa, <0.125mm. Very rare glauconite; sr-rnd, <0.1mm - heat affected mid reddish yellow. Very rare flint; eq, sa, <2mm. Very rare argillaceous features; eq and el, sr-rnd, <0.75mm - often iron poor with no zoning. This was judged as common in VER3-37, eq and el, sr, <2mm.

Fine Fraction: 40-50%, <0.05mm Frequent: Quartz. Common: Ferruginous inclusions. Few: Glauconite. Very rare: Flint. Very Rare: Undifferentiated feldspar. Very rare: Muscovite.

Matrix: 30-40%, Calcareous.

Matrix colour in PPL: Mid yellowish red to light yellow brown. *Colour in XP:* Mid yellow brown to mid yellow.

Moderately optically active.

Very rare textural features, eq and el, sr-rnd, <0.75mm - often iron poor with no zoning.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids. Wheelthrown, some vugh-shaped voids aligned to long axis of artefact

Comment: Matches: Verwood variant of Verwood-type fabric. The Verwood, Harbridge and Alderholt sites appear to collectively be very similar. Generally these display fewer iron-rich inclusions, less argillaceous features. Verwood and East Worth area samples appear to have large flint inclusions (where seen), with East Worth has displaying the most muscovite in the fabric group. Certainly Wheelthrown.

Petrographic Thin Section Grouping Assignment: Verwood-type Sub-group 2a – Verwood and East Worth

Site: East Holme - Whiteware (EHW) - SAMPLES: EHW4, -9, -13, -20, -50

Visual Fabric Assignment: Dorset Whiteware - Post-medieval (DWWPM) Broad Date/Period: Post-medieval

Inclusions: 30-40%, eq. and el, sa-rnd. Close to single spaced. Randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 1-0.1mm Dominant quartz; eq and el, sa - rnd, <1mm. Monocrystalline quartz, most with undulose extinction. Few polycrystalline examples throughout sample. Some of both types are iron stained. Few ferruginous inclusions; eq and el, sr-rnd, <0.25mm. Few argillaceous features; eq and el, sr-rnd, <0.5mm - iron poor with no zoning. Rare orthoclase feldspar; eq, sa, <0.125mm. Very rare garnet; eq and el, sa, <0.25mm - most prominent in EHW4. Very rare sandstone; el, sr - rnd, <1mm.

Fine Fraction: 30-40%, <0.1mm Frequent: Quartz. Common - Few: Ferruginous inclusions. Few: Glauconite. Very Rare: Undifferentiated feldspar.

Matrix: 30-40%, Strongly Calcareous. *Matrix colour in PPL:* White - light yellowish white. *Colour in XP:* Off white to light yellowish white. Moderately optically active. No textural features visible within matrix.

Voids: 10-20%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids. Wheelthrown, some vugh-shaped voids aligned to long axis of artefact.

Comment: Matches: Dorset Whiteware is easily identifiable in thin section in relation to all Verwood-types sampled. There is significantly less iron in both ferruginous inclusions and displayed in colour of the clay matrix. Furthermore, polycrystalline quartz appears more common than in VER. No identifiable muscovite or flint witnessed in any samples. Certainly Wheelthrown.

Petrographic Thin Section Grouping Assignment: DWWPM

Site: Laverstock Coarseware (LAVC) - SAMPLES: LAVC1, -11, -22, -24, -30

Visual Fabric Assignment: Laverstock Coarseware – Visually identical to Developed Wessex Coarseware

Broad Date/Period: Medieval

Inclusions: 40-50%, eq. and el, ang-rnd. Close to single spaced. Randomly aligned. Clear bimodal grain size distribution.

Coarse Fraction: 60-70%, 1-0.1mm Dominant quartz; eq and el, sa - rnd, <1mm. Monocrystalline quartz most with undulose extinction, with very few polycrystalline examples. Few ferruginous inclusions; eq and el, sr-rnd, <0.5mm. Rare argillaceous features, eq and el, sr-rnd, <0.5mm - iron poor with no zoning. Rare flint; el and eq, sa, <0.75mm. Rare glauconite; sa-sr, <0.5mm Rare orthoclase feldspar; eq, sa, <0.125mm. Very rare sandstone; el, sr - rnd, <0.5mm. Very rare chlorite; sa, <0.125mm (*e.g.* LAVC24)

Fine Fraction: 30-40%, <0.1mm Frequent: Quartz. Common - Few: Ferruginous inclusions. Few: Glauconite. Very Rare: Undifferentiated feldspar. Very Rare: Flint.

Matrix: 20-30%, Calcareous.

Matrix colour in PPL: Light yellowish brown. *Colour in XP:* Mid yellowish red to light yellow. Poorly optically active.

No textural features visible within matrix – where seen these can be attributed as inclusions.

Voids: 10-20%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids.

Comment: Elements are wheelturned, with some hand-building. This is shown in some vugh-shaped voids aligned to long axis of artefact but little alignment of inclusions – or this could be elements of rapid drying - not certain. There is secondary calcification within certain voids showing that these sherds have been within a calcareous burial environment - implies leaching in this geology is extensive.

LAVC can be classed as part of the Wessex Coarseware fabric group. For the most part the LAVC samples appear to correlate best with the Developed variant (DWCW). In comparison to WARC they exhibit less flint, and generally smaller inclusion size, but both WARC and LAVC appear to have sand added as temper (rounded quartz).

Petrographic Thin Section Grouping Assignment: DWCW

Site: Laverstock Fineware (LAVF) - SAMPLES: LAVF5, -9, -13, -18, -20

Visual Fabric Assignment: Laverstock Fineware Broad Date/Period: Medieval

Inclusions: 30-40%, eq. and el, ang-rnd. Close to single spaced. Most inclusions are aligned to long axis of artefact. Clear bimodal grain size distribution.

Coarse Fraction: 40-50%, 2-0.08mm

Dominant quartz; eq and el, sa - rnd, <1mm. Monocrystalline quartz most with undulose extinction, with very few polycrystalline quartz. Some examples are iron stained. Common - few ferruginous inclusions; eq and el, sa-rnd, <1mm. Few flint; el and eq, sa, <0.5mm. Few- rare muscovite; ang, <0.125mm. Few - rare argillaceous features; eq and el, sa-sr, <2mm - some are iron poor with no zoning, other are iron rich with moderate to poor zoning. Rare orthoclase feldspar; eq, sa, <0.125mm.

Fine Fraction: 40-50%, <0.08mm Frequent: Quartz. Common - Few: Muscovite Common - Few: Ferruginous inclusions. Rare: Glauconite. Very rare: Flint. Very rare: Undifferentiated feldspar.

Matrix: 30-40%, Calcareous and partially micaceous. *Matrix colour in PPL:* Light yellowish brown to light yellowish white. *Colour in XP:* Mid yellowish red to light yellowish white.

Strongly optically active.

Few textural features visible within matrix - mostly discrete pockets of concentration features (e.g. LAVF9).

Voids: 10-20%, macro- to micro- sized vesicular voids. Mega- to micro-sized vugh-shaped voids.

Comment: LAVF is a distinctive fabric, appearing similar to Verwood-type examples in thin section. The muscovite content shows similarity with later Verwood-type wares, especially those from group 2a (Verwood and East Worth). This could be problematic in discerning EVER, VER and LAVF examples. LAVF share very little similarity with DWW (PLF samples) and the two are readily distinguishable, sometimes via matrix alone. Wheelthrown, some vugh-shaped voids and most inclusions appear aligned to long axis of artefact. This is a well-sorted clay mix, possibly with signs of limited levigation as concentration features are discrete but still present.

Petrographic Thin Section Grouping Assignment: LAVF

Site: Pound Lane, Wareham - Coarseware (WARC) - SAMPLES: PLC5, -25, -26, -30, -33

Visual Fabric Assignment: Wareham Coarseware Broad Date/Period: Medieval

Inclusions: 40-50%, eq. and el, ang-rnd. Close to single spaced. Most inclusions are generally aligned to the long axis of the artefact. Clear bimodal grain size distribution.

Coarse Fraction: 70-80%, 1.5-0.125mm

Frequent - dominant quartz; eq and el, sa - rnd, <1.5mm. Monocrystalline quartz most with undulose extinction, with very few polycrystalline quartz. Some examples are iron stained. Few flint; el and eq, ang - sa, <1.5mm.

Few argillaceous features; eq and el, sr-rnd, <0.5mm - generally iron poor with no zoning. Rare orthoclase feldspar; eq, sa-sr, <1mm.

Fine Fraction: 20-30%, <0.125mm Frequent: Quartz. Common: Ferruginous inclusions. Very rare: Flint. Common - Few: Ferruginous inclusions. Very rare: Undifferentiated feldspar.

Matrix: 20-30%, Calcareous.

Matrix colour in PPL: Light to mid yellowish brown. *Colour in XP:* Dark yellowish brown to light yellowish brown. Strong to moderately optically active.

No textural features visible within matrix – where seen these can be attributed as inclusions.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids.

Comment: Elements are probably wheelturned, with some hand-building. This is shown in some vugh-shaped voids being aligned to the long axis of artefact. This is less reflected in the alignment of inclusions, with few being aligned in this way. Collectively, this could be due to of rapid drying but is not certain.

WARC is coarser than LAVC samples, thus it has been classed as part of the Wessex Coarseware group. WARC exhibits slightly more flint, and generally larger quartz grain size – which is hardly a reliable discriminator, despite this there is little to tell the two apart as variance in degrees of roundness are not overtly obvious. It can be said with certainty, however, that both WARC and LAVC appear to have sand added as temper (both contain rounded quartz) – unsurprising as they from two parts of the same ceramic tradition. While coarser than Laverstock, the basic fabric analysis suggests these are still refined enough to be classed as Developed Wessex Coarseware (DWCW), which has been retained here.

Petrographic Thin Section Grouping Assignment: DWCW

Site: East Holme redware (EHR) - SAMPLE: EHR14

Visual Fabric Assignment: Uncertain redware Broad Date/Period: Post-medieval

Inclusions: 20-30%, eq. and el, ang-rnd. Close to single spaced. Randomly aligned. Clear bimodal grain size distribution.

Coarse Fraction: 70-80%, 1.5-0.125mm

Frequent - dominant quartz; eq and el, sa - rnd, <1.5mm. Monocrystalline quartz most with undulose extinction, with very few polycrystalline quartz. Some examples are iron stained. Few ferruginous inclusions; eq and el, sa-sr, <1mm.

Few argillaceous features; eq and el, sr-rnd, <0.5mm - generally iron poor with no zoning. Rare orthoclase feldspar; eq, sa-sr, <1mm.

Fine Fraction: 20-30%, <0.125mm Frequent: Quartz. Common: Ferruginous inclusions. Very rare: Flint. Very rare: Undifferentiated feldspar.

Matrix: 40-50%, Calcareous.

Matrix colour in PPL: Light to mid yellowish brown. *Colour in XP:* Dark yellowish brown to light yellowish brown.

Strong to moderately optically active.

No textural features visible within matrix – where seen these can be attributed as inclusions.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids.

Comment: A provenance for this ware is difficult to discern. There are remarkable similarities with the East Holme Whiteware samples, suggesting that this fabric may be a more ironrich variant. The presence of flint and lack of garnet within this sample certainly suggests that this is a different clay despite having some similarities. Probably wheelthrown - some vugh-shaped voids aligned to long axis of artefact.

Petrographic Thin Section Grouping Assignment: Uncertain redware, but possibly linked to a south Dorset source.

Site: East Holme redware (EHR) - SAMPLE: EHR17

Visual Fabric Assignment: Uncertain redware Broad Date/Period: Post-medieval

Inclusions: 20-30%, eq. and el, sa-sr. Close to single spaced. Inclusions aligned to nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 50-60%, 0.75-0.1mm

Frequent quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Frequent ferruginous inclusions; eq and el, sr-rnd, <0.75mm. Few muscovite; ang, <0.125mm. Few - rare argillaceous featres; eq and el, sr-rnd, <0.75mm - iron rich with quartz inclusions - no zoning. Few - rare orthoclase feldspar; eq, sa, <0.125mm.

Fine Fraction: 40-50%, <0.1mm Frequent - Dominant: Quartz. Common - Few Muscovite, ang, <0.125mm. Few - Rare: Undifferentiated feldspar.

Matrix: 50-60%, Non-calcareous, micaceous and iron rich Matrix colour in PPL: Dark yellowish brown. Colour in XP: Mid reddish brown. Moderate to poorly optically active. Some concentration and depletion features - more prominent towards centre of artefact.

Voids: 5-10%, meso- to micro- sized vesicular voids. Mega- to micro-sized vugh-shaped voids.

Comment: Well sorted fabric. Some inclusions and voids aligned to long axis of artefact, suggesting wheelthrown construction, but few voids. This uncertain redware has some similarities to South Hampshire Redwares, but no known source of post-medieval pottery production are known in that area, therefore it cannot be assigned with certainty.

Petrographic Thin Section Grouping Assignment: Uncertain redware, possibly South Hampshire.

Site: East Holme redware (EHR) - SAMPLE: EHR20

Visual Fabric Assignment: Possibly Verwood-type? Broad Date/Period: Post-medieval

Inclusions: 30-40%, eq. and el, ang-sr. Close to double spaced. Inclusions randomly aligned. Moderate bimodal grain size distribution.

Coarse Fraction: 50-60%, 0.75-0.1mm Frequent quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Few ferruginous inclusions; eq and el, sr-rnd, <0.5mm. Very rare orthoclase feldspar; eq, sa, <0.125mm. Very rare glauconite; sr-rnd, <0.1mm - heat affected mid reddish yellow. Very rare flint; eq, sa, <0.5mm. Very rare argillaceous features; eq and el, sr-rnd, <0.75mm - often iron poor with no zoning.

Fine Fraction: 40- 50%, <0.1mm Frequent: Quartz. Common: Ferruginous inclusions. Few-Rare: Glauconite. Rare: Muscovite. Very rare: Flint. Very rare: Undifferentiated feldspar.

Matrix: 30-40%, Calcareous.

Matrix colour in PPL: Mid yellowish red to light yellow brown. *Colour in XP:* Mid yellow brown to mid yellow. Moderately optically active. Some iron-rich and iron-poor striations showing limited alteration from clay source - potentially used as dug.

Voids: 10-20%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids.

Comment: This sample is wheelthrown, evidenced by some vugh-shaped voids aligned to long axis of artefact. EHR-20 is most likely a Verwood-type product matching best with Sub-group 2b Harbridge and Alderholt.

Petrographic Thin Section Grouping Assignment: Verwood-type; Sub-group 2b - Harbridge and Alderholt.

Site: East Holme redware (EHR) - SAMPLE: EHR21

Visual Fabric Assignment: Possibly Verwood-type? Broad Date/Period: Post-medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to single spaced. Inclusions aligned to nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 1-0.1mm

Frequent quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained.
Frequent ferruginous inclusions; eq and el, sr-rnd, <1mm.
Few flint; eq, sa, <0.25mm.
Few - rare argillaceous features; eq and el, sr-rnd, <1mm - some iron poor with no inclusions, others iron rich with quartz inclusions - no zoning.
Few - rare orthoclase feldspar; eq, sa, <0.125mm.
Rare glauconite; sr-rnd, <0.15mm - heat affected mid reddish yellow.
Very rare muscovite; ang, <0.125mm.

Fine Fraction: 30-40%, <0.1mm Frequent - Dominant: Quartz. Common - Frequent: Ferruginous inclusions. Few: Flint. Few - Rare: Undifferentiated feldspar. Very rare: Glauconite. Very rare: Muscovite.

Matrix: 30-40%, Calcareous.

Matrix colour in PPL: Light yellowish brown. *Colour in XP:* Mid yellow to light yellowish white. Moderate to poorly optically active.

Some concentration and depletion features - more prominent towards centre of artefact.

Voids: 10-20%, meso- to micro- sized vesicular voids. Mega- to micro-sized vugh-shaped voids.

Comment: This sample is wheelthrown, evidenced by some vugh-shaped voids aligned to long axis of artefact. EHR-21 is most likely a Verwood-type product matching best with Sub-group 1 – Horton.

Petrographic Thin Section Grouping Assignment: Verwood-type; Sub-group 1 – Horton
Section III: Unprovenanced Group (moved from Control Group)

Site: East Holme redware (EHR) - SAMPLE: EHR49

Visual Fabric Assignment: Uncertain Redware Broad Date/Period: Post-medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to single spaced. Inclusions aligned to nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 70-80%, 1.25-0.1mm Frequent quartz; eq and el, sa - sr, <1.25mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Frequent ferruginous inclusions; eq and el, sr-rnd, <1mm. Few - rare argillaceous features; eq and el, sr-rnd, <1mm - some iron poor with no inclusions, others iron rich with quartz inclusions - no zoning. Few - rare orthoclase feldspar; eq, sa, <0.125mm. Very rare flint; eq, sa, <0.25mm. Very rare glauconite; sr-rnd, <0.15mm - heat affected mid reddish yellow.

Fine Fraction: 20-30%, <0.1mm Dominant: Quartz. Common: Ferruginous inclusions. Few - Rare: Undifferentiated feldspar. Rare: Flint. Very Rare: Glauconite.

Matrix: 30-40%, Calcareous.

Matrix colour in PPL: Mid reddish brown. Colour in XP: Mid reddish brown to mid reddish yellow.

Moderate to poorly optically active.

No textural features visible within matrix – where seen these can be attributed as inclusions.

Voids: 10-20%, meso- to micro- sized vesicular voids. Mega- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, some vugh-shaped voids aligned to long axis of artefact. Well sorted fabric; uncertain provenance.

Petrographic Thin Section Grouping Assignment: Uncertain redware

Site: Lymington ACW1012 - SAMPLE: LYM1

Visual Fabric Assignment: Possibly EVER? Broad Date/Period: Late medieval/ Early post-medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 50-60%, 1-0.1mm Frequent quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Common - few muscovite; ang, <0.25mm Few - rare ferruginous inclusions; eq and el, sr-rnd, <1mm. Rare glauconite; sr-rnd, <0.1mm - heat affected mid reddish yellow. Rare argillaceous inclusions; sr-rnd, <1mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich. Very rare flint; sa, <0.125mm.

Fine Fraction: 40-50%, <0.1mm Frequent - Dominant: Quartz. Common - Frequent: Ferruginous inclusions. Common: Muscovite. Few - Rare: Undifferentiated feldspar. Rare: Glauconite. Very rare: Flint.

Matrix: 30-40%, Iron rich and micaceous. *Matrix colour in PPL*: Light yellowish brown to mid grey. *Colour in XP:* Mid yellowish red to light yellowish grey. Moderately optically active. Limited concentration and depletion features across artefact.

Voids: 20-30%, meso- to micro- sized vesicular voids. Mesoa- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, some vugh-shaped voids aligned to long axis of artefact; uncertain provenance. Similar to VER but with the fine fraction seen in SHRW samples.

Petrographic Thin Section Grouping Assignment: Uncertain EVER or a coarse variant of SHRW (Similar to Verwood-type sub-group 2a – but with increased fine fraction).

Site: Lymington ACW1012 - SAMPLE: LYM2

Visual Fabric Assignment: South Hampshire Redware (SHRW) Broad Date/Period: Late medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to double spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 20-30%, 0.5-0.1mm Frequent quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz. Polycrystalline quartz in the minority. Some are iron stained. Common - few muscovite; ang, <0.125mm. Rare ferruginous inclusions; eq and el, sr-rnd, <0.125mm. Rare argillaceous inclusions; sr-rnd, <1mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich. Very rare flint; sa, <0.125mm. Very rare glauconite; sr-rnd, <0.1mm - heat affected mid reddish yellow.

Fine Fraction: 70-80%, <0.1mm Frequent - Dominant: Quartz. Common: Muscovite. Rare: Ferruginous inclusions. Few - Rare: Undifferentiated feldspar. Rare: Glauconite. Very rare: Flint.

Matrix: 30-40%, Non-calcareous, micaceous and iron-rich. *Matrix colour in PPL*: Mid red. *Colour in XP:* Mid yellowish red to light yellowish grey. Optically inactive. Some concentration features – mostly towards the centre of artefact.

Voids: 10-20%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, some voids and inclusions and voids aligned to long axis of artefact. The iron-rich nature and high fine fraction suggest that this ware type is a product of the south Hampshire sandy clays.

Petrographic Thin Section Grouping Assignment: SHRW

Site: Lymington ACW1012 - SAMPLE: LYM3

Visual Fabric Assignment: Late Medeival Well Fired Sandy Ware (LMWFSW) Broad Date/Period: Late medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 30-40%, 1-0.1mm Frequent quartz; eq and el, ang - sr, <1mm. Monocrystalline quartz. Polycrystalline quartz in the minority. Some are iron stained. Common - few muscovite; ang, <0.125mm Rare ferruginous inclusions; eq and el, sr-rnd, <0.25mm. Rare argillaceous inclusions; sr-rnd, <1mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich. Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow. Very rare flint; sa-ang, <0.5mm

Fine Fraction: 60-70%, <0.1mm Frequent - Dominant: Quartz. Common: Muscovite. Rare: Ferruginous inclusions. Few - Rare: Undifferentiated feldspar. Very rare: Glauconite. Very rare: Flint.

Matrix: 20-30%, Non-calcareous, micaceous and iron rich. *Matrix colour in PPL*: Light reddish brown to light yellowish grey. *Colour in XP:* Mid red to mid grey. Highly optically active.

Some concentration features towards centre of artefact.

Voids: 20-30%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, some voids and inclusions and voids aligned to long axis of artefact. The iron-rich nature and high fine fraction suggest that this ware type is a product of the south Hampshire sandy clays.

Petrographic Thin Section Grouping Assignment: SHRW

Site: Wilton, Wiltshire - SAMPLE: WIL1

Visual Fabric Assignment: WCW Broad Date/Period: Medieval

Inclusions: 30-40%, eq. and el, sa-rnd. Close to double spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 1.125-0.1m Frequent quartz; eq and el, sa - rnd, <1.125mm. Monocrystalline and Polycrystalline quartz, many with undulose extinction. Common flint; sa - ang, <1mm. Common - few orthoclase feldspar; sr - sa, <0.75mm. Few plagioclase feldspar; sr - sa, <0.75mm. Rare glauconite; sr-rnd; <0.125mm - heat affected mid reddish yellow.

Fine Fraction: 30-40%, <0.1mm Frequent - Dominant: Quartz. Few - Rare: Undifferentiated feldspar. Rare: Ferruginous inclusions. Rare: Glauconite. Rare: Flint.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL*: Light yellowish grey. *Colour in XP:* Light yellow. Optically active. Some concentration features towards centre of artefact.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids, all aligned along long axis of artefact.

Comment: Possibly wheelthrown, most voids aligned to long axis of artefact with some inclusions at the margins aligned similarly. Inclusions at centre of artefact are randomly aligned. Most similar to LAVC, but assigned WCW.

Petrographic Thin Section Grouping Assignment: WCW, possibly LAVC

Site: Wilton, Wiltshire - SAMPLE: WIL2

Visual Fabric Assignment: WCW Broad Date/Period: Medieval

Inclusions: 40-50%, eq. and el, sa-sr. Close to double spaced. Inclusions aligned to nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 1-0.1m Frequent quartz; eq and el, sa - rnd, <1mm. Monocrystalline and Polycrystalline quartz, most with undulose extinction. Common flint; sa - ang, <1mm. Common orthoclase feldspar; sr - sa, <0.75mm. Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow.

Fine Fraction: 30-40%, <0.1mm Frequent - Dominant: Quartz. Few - Rare: Undifferentiated feldspar. Rare: Ferruginous inclusions. Rare: Glauconite. Very rare: Flint.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL*: Light yellowish grey. *Colour in XP:* Light yellow. Optically active. Some concentration features towards centre of artefact.

Voids: 10-20%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids, all aligned along long axis of artefact.

Comment: Possibly wheelthrown, most voids and inclusions aligned to long axis of artefact. Similar to LAVC and WARC – assigned as WCW.

Petrographic Thin Section Grouping Assignment: WCW

Site: Wilton, Wiltshire - SAMPLE: WIL3

Visual Fabric Assignment: DWCW Broad Date/Period: Medieval

Inclusions: 30-40%, eq. and el, sa-rnd. Close to single spaced. Inclusions aligned to nearest margin - central inclusions are more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 1.5-0.1m Frequent quartz; eq and el, ang - rnd, <1mm. Monocrystalline and Polycrystalline quartz, most with undulose extinction. Some Iron stained. Common flint; sa - ang, <0.25mm. Common orthoclase feldspar; sr - sa, <0.25mm. Rare plagioclase feldspar; sr - sa, <0.125mm. Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow. Rare argillaceous inclusions, sr-rnd, <1.5mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich.

Fine Fraction: 30-40%, <0.1mm Frequent - Dominant: Quartz. Few - Rare: Undifferentiated feldspar. Rare: Ferruginous inclusions. Rare: Glauconite. Rare: Flint.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL*: Light yellowish grey. *Colour in XP:* Light yellow. Optically active. Some concentration features towards centre of artefact.

Voids: 10-20%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids, all aligned along long axis of artefact.

Comment: Possibly wheelthrown, most voids and inclusions aligned to long axis of artefact. Similar to LAVC and WARC – assigned as WCW.

Petrographic Thin Section Grouping Assignment: DWCW, probably LAVC

Site: Wilton, Wiltshire – SAMPLE: WIL4

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval/ Early post-medieval

Inclusions: 30-40%, eq. and el, sa-rnd. Close to single spaced. Inclusions aligned to nearest margin - central inclusions are more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 50-60%, 1.5-0.1m Frequent quartz; eq and el, ang - rnd, <1mm. Monocrystalline and Polycrystalline quartz, most with undulose extinction. Some iron stained. Few ferruginous inclusions; eq and el, sr-rnd, <0.25mm. Rare flint; sa - ang, <0.25mm. Few - rare orthoclase feldspar; sr - sa, <0.25mm. Rare plagioclase feldspar; sr - sa, <0.125mm. Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow. Rare argillaceous inclusions; sr-rnd, <1.5mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich. Rare muscovite; ang, <0.125mm.

Fine Fraction: 40-50%, <0.1mm Frequent - Dominant: Quartz. Common: Muscovite. Few - Rare: Undifferentiated feldspar. Rare: Ferruginous inclusions. Rare: Glauconite. Rare: Flint.

Matrix: 30-40%, Calcareous and Micaceous. *Matrix colour in PPL*: Light yellowish grey. *Colour in XP:* Light yellow. Optically active. Some concentration features towards centre of artefact.

Voids: 10-20%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids, all aligned along long axis of artefact.

Comment: Wheelthrown, most voids and inclusions aligned to long axis of artefact with vugh-shaped voids aligned similarly. Basic fabric analysis this appeared to be either an EV-ER or LAVF, yet under the microscope this is closer to examples of DWCW.

Petrographic Thin Section Grouping Assignment: DWCW

Site: Wilton, Wiltshire - SAMPLE: WIL5

Visual Fabric Assignment: Uncertain EVER or LAVF Broad Date/Period: Late medieval

Inclusions: 30-40%, eq. and el, sa-rnd. Close to single spaced. Inclusions aligned to nearest margin - central inclusions are more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 1.5-0.1m Frequent quartz; eq and el, ang - rnd, <1mm. Monocrystalline and Polycrystalline quartz, most with undulose extinction. Some Iron stained. Few flint; sa-ang, <0.25mm. Rare orthoclase feldspar; sr-sa, <0.25mm. Rare plagioclase feldspar; sr-sa, <0.125mm. Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow. Rare argillaceous inclusions; sr-rnd, <1.5mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich. Very rare chlorite; sa, <0.125mm.

Fine Fraction: 30-40%, <0.1mm Frequent - Dominant: Quartz. Few - Rare: Undifferentiated feldspar. Rare: Ferruginous inclusions. Rare: Glauconite. Rare: Flint.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL*: Light yellowish grey. *Colour in XP:* Light yellow. Optically active. Some concentration features towards centre of artefact.

Voids: 10-20%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids, all aligned along long axis of artefact.

Comment: Wheelthrown, most voids and inclusions aligned to long axis of artefact with vugh-shaped voids aligned similarly. Basic fabric analysis this appeared to be either an EV-ER or LAVF, yet under the microscope this is closer to examples of LAVF.

Petrographic Thin Section Grouping Assignment: LAVF

Site: Poole, Dorset - SAMPLE: POO1

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval/Early post-medieval

Inclusions: 40-50%, eq. and el, sa-sr. Close to single spaced. Inclusions poorly aligned to nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 0.75-0.1mm

Frequent quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained.
Frequent ferruginous inclusions; eq and el, sa-rnd, <0.75mm.
Rare flint; eq, sa, <0.125mm.
Rare orthoclase feldspar; eq, sa - sr, <0.125mm.
Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow.
Rare argillaceous inclusions; sr-rnd, <1.5mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich.

Fine Fraction: 30-40%, <0.1mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Flint. Rare: Undifferentiated feldspar. Rare: Glauconite.

Matrix: 20-30%, Calcareous.

Matrix colour in PPL: Light yellowish grey. *Colour in XP:* Mid yellow to light greyish yellow. Strongly optically active to not optically active. No textural features visible within matrix – where seen these can be attributed as inclusions.

Voids: 20-30%, meso- to micro- sized vesicular voids. Mega- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, most voids and inclusions aligned to long axis of artefact with vugh-shaped voids aligned similarly. Basic fabric analysis this appeared to be either an EV-ER or LAVF, yet under the microscope this is closer to examples of Verwood-type Horton samples.

Petrographic Thin Section Grouping Assignment: EVER (Similar to Verwood-type Subgroup 1 – Horton)

Site: Poole, Dorset - SAMPLE: POO3

Visual Fabric Assignment: DWCW Broad Date/Period: Late medieval

Inclusions: 40-50%, eq. and el, sa-rnd. Close to single spaced. Inclusions aligned to nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 1-0.1m Frequent quartz; eq and el, sa - rnd, <1mm. Monocrystalline and Polycrystalline quartz, most with undulose extinction. Common flint; sa - ang, <0.75mm. Common orthoclase feldspar; sr - sa, <0.75mm.

Fine Fraction: 30-40%, <0.1mm Frequent - Dominant: Quartz. Few - Rare: Undifferentiated feldspar. Rare: Ferruginous inclusions. Rare: Flint. Very rare: Glauconite.

Matrix: 20-30%, Calcareous. *Matrix colour in PPL*: Light yellowish grey to black. *Colour in XP:* Light whitish yellow to black. Strongly optically active to not optically active. Some concentration features towards centre of artefact.

Voids: 20-30%, meso- to micro- sized vesicular voids. Mega- to micro-sized vugh-shaped voids.

Comment: Possibly wheelthrown, most voids and inclusions aligned to long axis of artefact. From basic fabric analysis this appeared to be DWCW, yet under the microscope this is closer to examples of WCW.

Petrographic Thin Section Grouping Assignment: WCW

Site: Poole, Dorset - SAMPLE: POO5

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval/Early Post-medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to double spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 20-30%, 0.5-0.1mm Common quartz; eq and el, sa - rnd, <0.5mm. Monocrystalline and Polycrystalline quartz, most with undulose extinction. Common muscovite; el, sa, <0.125mm. Rare argillaceous inclusions, sa - sr, <0.5mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich.

Fine Fraction: 70-80%, <0.1mm Dominant: Quartz. Few - Rare: Undifferentiated feldspar. Rare: Ferruginous inclusions. Rare: Flint. Very rare: Glauconite.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL*: Light yellowish grey. *Colour in XP:* Light yellowish grey. Strongly optically active to not optically active. No textural features visible within matrix – where seen these can be attributed as inclusions.

Voids: 10-20%, Meso- to Micro-sized voids.

Comment: Very fine grained, with few coarse components. Ware is certainly wheelthrown from well prepared clay with a very uniform matrix. This ware does not match any I nthe control group, nor any known southern English example held by the author for comparison. Instead North French imported examples held by the author were examined for comparisons, but no direct matches were identified. Depsite this, the sample is considered to be a probable North French Import, certainly not south Dorset and has minimal similarities with east Dorset samples.

Petrographic Thin Section Grouping Assignment: Uncertain fineware - North French Import?

Site: Poole, Dorset – SAMPLE: POO6

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval/Early Post-medieval

Inclusions: 40-50%, eq. and el, sa-sr. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 1-0.1mm Frequent quartz; eq and el, ang - sr, <1mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Common - few muscovite; ang, <0.25mm. Common - few glauconite; sr-rnd, <0.3mm - heat affected mid reddish yellow to mid yellowish green. Few - rare ferruginous inclusions; eq and el, sr-rnd, <1mm. Rare argillaceous inclusions; sr-rnd, <0.75mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich. Rare flint; sa, <0.25mm. Rare orthoclase feldspar; sr - sa, <0.25mm. Very rare chlorite; sa, <0.125mm.

Fine Fraction: 30-40%, <0.1mm Dominant: Quartz. Few - Rare: Undifferentiated feldspar. Rare: Ferruginous inclusions. Rare: Flint. Very rare: Glauconite.

Matrix: 30-40%, Non-calcareous and micaeous. *Matrix colour in PPL*: Light yellowish grey to dark grey. *Colour in XP:* Mid yellowish red to light yellowish grey. Optically inactive. Some concentration and depletion features throughout sample.

Voids: 10-20%, meso- to micro- sized vesicular voids. Mesoa- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, some vugh-shaped voids aligned to long axis of artefact along with inclusions. Similar to Verwood-type sub-group 2a but displays a fine fraction only seen in South Hampshire samples – attribution not certain.

Petrographic Thin Section Grouping Assignment: Uncertain EVER or SHRW (Similar to Verwood-type sub-group 2a – but with increased fine fraction).

Site: Poole, Dorset - SAMPLE: POO7

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval/Early Post-medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to double spaced. Inclusions and voids aligned with nearest margin. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 2-0.05mm

Frequent quartz; eq and el, sa - rnd, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained.

Frequent ferruginous inclusions; eq and el, sa-rnd, <2mm. Completely black when hard fired.

Rare flint; eq, sa, <0.125mm. Rare orthoclase feldspar; eq, sa, <0.125mm. Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow.

Fine Fraction: 30-40%, <0.05mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Flint. Rare: Undifferentiated feldspar. Rare: Glauconite.

Matrix: 30-40%, Calcareous.

Matrix colour in PPL: Light yellowish brown to light yellowish grey. *Colour in XP:* Mid yellow to light greyish yellow.

Strongly optically active.

No textural features visible within matrix – where seen these can be attributed as inclusions.

Voids: 20-30%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Comment: Certainly wheelthrown, some vugh-shaped voids and inclusions aligned to long axis of artefact. Sample matches Horton samples.

Petrographic Thin Section Grouping Assignment: EVER – Verwood-type Sub-group 1 Horton

Site: Poole, Dorset - SAMPLE: POO12

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval/Early Post-medieval

Inclusions: 40-50%, eq. and el, sa-sr. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 0.75-0.1mm Frequent quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Frequent ferruginous inclusions; eq and el, sa-rnd, <0.75mm. Rare flint; eq, sa, <0.3mm. Rare orthoclase feldspar; eq, sa, <0.125mm. Rare glauconite, sr-rnd, <0.125mm - heat affected mid reddish yellow.

Fine Fraction: 30-40%, <0.1mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Flint. Rare: Undifferentiated feldspar. Rare: Glauconite.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL*: Light yellowish brown to light yellowish grey. *Colour in XP:* Mid yellow to light greyish yellow. Strongly optically active. No textural features visible within matrix – where seen these can be attributed as inclusions.

Voids: 20-30%, meso- to micro- sized vesicular voids. Mega- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, some vugh-shaped voids aligned to long axis of artefact along with inclusions. Similar to Horton samples.

Petrographic Thin Section Grouping Assignment: EVER: Verwood-type Sub-group 1 - Horton

Site: Wimborne Minster, Dorset - SAMPLE WIM1

Visual Fabric Assignment: Developed Wessex Coarseware (DWCW) Broad Date/Period: Medieval

Inclusions: 40-50%, eq. and el, sa-rnd. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 70-80%, 1.25-0.05mm Frequent quartz; eq and el, sa - rnd, <1.25mm. Monocrystalline and Polycrystalline quartz, many with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common flint; sa - ang, <1mm Common - few orthoclase feldspar; sr - sa, <0.75mm Rare plagioclase feldspar; sr - sa, <0.75mm Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow.

Fine Fraction: 20-30%, <0.05mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Flint. Rare: Undifferentiated feldspar. Very rare: Glauconite.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL*: Light yellowish red to light yellowish grey. *Colour in XP:* Mid yellowish red to mid grey. Optically inactive. Some concentration features towards centre of artefact.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids, all aligned along long axis of artefact.

Comment: Wheelthrown, some vugh-shaped voids aligned to long axis of artefact along with inclusions. Generally matches with other WCW, unclear if LAVC or WARC.

Petrographic Thin Section Grouping Assignment: WCW

Site: Wimborne Minster, Dorset - SAMPLE WIM2

Visual Fabric Assignment: Developed Wessex Coarseware (DWCW) Broad Date/Period: Medieval

Inclusions: 40-50%, eq. and el, sa-rnd. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 70-80%, 1.25-0.05mm Frequent quartz; eq and el, sa - rnd, <1.25mm. Monocrystalline and Polycrystalline quartz, many with undulose extinction. Common flint; sa - ang, <1mm. Common orthoclase feldspar; sr - sa, <0.75mm. Few - rare plagioclase feldspar; sr - sa, <0.75mm. Rare glauconite, sr-rnd, <0.125mm - heat affected mid reddish yellow. Very rare ferruginous inclusions; eq and el, sr-rnd, <0.125mm.

Fine Fraction: 20-30%, <0.05mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Flint. Rare: Undifferentiated feldspar. Very rare: Glauconite.

Matrix: 30-40%, Calcareous.
Matrix colour in PPL: Light yellowish red to light yellowish grey. Colour in XP: Mid yellowish red to mid grey.
Partially optically active.
Some concentration features appear to tally with relic coils..

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids – variable alignments.

Comment: Handmade – coil-built; most voids aligned to long axis of artefact with some inclusions at the margins aligned similarly. Several concentrations tally with 'relic coils'. Generally matches with other WCW, unclear if LAVC or WARC.

Petrographic Thin Section Grouping Assignment: WCW

Site: Wimborne Minster, Dorset - SAMPLE WIM3

Visual Fabric Assignment: Wessex Coarseware (WCW) Broad Date/Period: Medieval

Inclusions: 40-50%, eq. and el, sa-rnd. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 2.25-0.05mm Frequent quartz; eq and el, sa - rnd, <1.5mm. Monocrystalline and Polycrystalline quartz, many with undulose extinction. Common flint; sa - ang, <2.25mm. Common orthoclase feldspar; sr - sa, <1mm. Few - rare plagioclase feldspar; sr - sa, <0.5mm. Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow. Rare argillaceous inclusions; sr-rnd, <1.5mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich.

Fine Fraction: 30-40%, <0.05mm Frequent: Quartz. Frequent: Ferruginous inclusions. Common - Few: Undifferentiated feldspar. Rare: Flint. Very rare: Glauconite.

Matrix: 20-30%, Calcareous.

Matrix colour in PPL: Dark yellowish brown to light yellowish brown. Colour in XP: Mid yellowish red to mid grey. Partially optically active. Some concentration features appear to tally with relic coils..

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids – variable alignments. Some secondary calcification within voids.

Comment: Handmade – coil-built; most voids aligned to long axis of artefact with some inclusions at the margins aligned similarly. Several concentrations tally with 'relic coils'. Generally matches the few Southampton area samples taken. Limited secondary calcification within certain voids show this sherd has been subject to a calcareous burial environment.

Petrographic Thin Section Grouping Assignment: Southampton Coarseware or early South Hampshire Redware – probably the latter.

Site: Wimborne Minster, Dorset - SAMPLE WIM4

Visual Fabric Assignment: Uncertain LAVF or EVER Broad Date/Period: Late medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to single spaced. Most inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 20-30%, 0.75-0.1mm Frequent quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz. Polycrystalline quartz in the minority. Some are iron stained. Common - few muscovite; ang, <0.25mm. Very rare ferruginous inclusions; eq and el, sr-rnd, <0.125mm. Very rare argillaceous inclusions, sr-rnd, <1mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich. Very rare flint, sa, <0.125mm. Very rare glauconite, sr-rnd, <0.1mm - heat affected mid reddish yellow.

Fine Fraction: 70-80%, <0.1mm Frequent - Dominant: Quartz. Common: Muscovite. Rare: Ferruginous inclusions. Few - rare: Undifferentiated feldspar. Rare: Glauconite. Very rare: Flint.

Matrix: 30-40%, Non-calcareous, micaceous and iron rich. *Matrix colour in PPL*: Mid red. *Colour in XP:* Mid yellowish red to light yellowish grey. Optically inactive. Some concentration features towards centre of artefact.

Voids: 10-20%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, some voids and inclusions aligned to long axis of artefact. Matches best with the other thin section sample of SHRW but a fine variant.

Petrographic Thin Section Grouping Assignment: Southampton Whiteware (SOUWW)

Site: Wimborne Minster, Dorset - SAMPLE WIM5

Visual Fabric Assignment: West Dorset Sandy Ware (WDSW) Broad Date/Period: Late medieval

Inclusions: 40-50%, eq. and el., sa-sr, close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 20-30%, 7.5-0.1mm Frequent quartz; eq and el, ang - sr, <0.5mm. Monocrystalline quartz, some with undulouse extinction. Very rare polycrystalline quartz. Few muscovite; ang, <0.125mm. Very rare ferruginous inclusions; eq and el, sr-rnd, <0.125mm. Very rare argillaceous inclusions; sr-rnd, <7.5mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich.

Fine Fraction: 70-80%, <0.1mm Frequent - Dominant: Quartz. Common - Few: Muscovite. Few - Rare: Ferruginous inclusions. Few - Rare: Undifferentiated feldspar. Rare: Glauconite. Very rare: Sandstone.

Matrix: 30-40%, Non-calcareous, micaceous and iron rich. *Matrix colour in PPL*: Mid yellowish red to light yellowish grey. *Colour in XP:* Mid yellowish red to mid brownish grey. Optically inactive. Some concentration features towards centre of artefact.

Voids: 10-20%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, some voids and inclusions aligned to long axis of artefact. Matches samples of Holnest WDSWPM thin section samples held by the author.

Petrographic Thin Section Grouping Assignment: WDSW

Site: Wimborne Minster, Dorset - SAMPLE WIM6

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval/Early post-medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to double spaced. Inclusions aligned with nearest margin. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 0.75-0.1mm Frequent quartz; eq and el, ang - sr, <0.5mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Frequent ferruginous inclusions; eq and el, sa-rnd, <0.75mm. Rare flint; el, sa, <0.5mm. Rare orthoclase feldspar; eq, sa, <0.25mm.

Fine Fraction: 30-40%, <0.1mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Undifferentiated feldspar. Rare: Glauconite. Very rare: Flint.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL*: Light yellowish brown to light yellowish grey. *Colour in XP:* Mid yellow to light greyish yellow. Optically inactive. No textural features visible within matrix – where seen these can be attributed as inclusions.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids.

Comment: Certainly wheelthrown, some vugh-shaped voids and inclusions aligned to long axis of artefact. Sample matches Horton samples.

Petrographic Thin Section Grouping Assignment: EVER – Verwood-type Sub-group 1 Horton

Site: Wimborne Minster, Dorset - SAMPLE WIM8

Visual Fabric Assignment: WCW Broad Date/Period: Medieval

Inclusions: 40-50%, eq. and el, sa-rnd. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 70-80%, 1.25-0.05mm Frequent quartz; eq and el, sa - rnd, <1.25mm. Monocrystalline and Polycrystalline quartz, many with undulose extinction. Common flint; sa - ang, eq and el, <1mm. Common - few orthoclase feldspar; sr - sa, <0.75mm. Few - rare plagioclase feldspar; sr - sa, <1mm. Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow.

Fine Fraction: 20-30%, <0.05mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Flint. Rare: Undifferentiated feldspar. Very rare: Glauconite.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL*: Light to dark grey. *Colour in XP:* Mid to dark grey. Partially optically active. Some concentration features appear to tally with relic coils.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids, all aligned along long axis of artefact.

Comment: Handmade – coil-built; most voids aligned to long axis of artefact with some inclusions at the margins aligned similarly. Several concentrations tally with 'relic coils'. Generally matches with other WCW, unclear if LAVC or WARC.

Petrographic Thin Section Grouping Assignment: WCW

Site: Horton, Dorset - SAMPLE H2WC-1, -4

Visual Fabric Assignment: WCW Broad Date/Period: Medieval

Inclusions: 40-50%, eq. and el, sa-rnd. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 70-80%, 1.25-0.05mm. Frequent quartz; eq and el, sa - rnd, <1.25mm. Monocrystalline and Polycrystalline quartz, many with undulose extinction. Common flint; sa - ang, <1.125mm. Common - few ferruginous inclusions; eq and el, sr-rnd, <0.125mm. Few - rare orthoclase feldspar; sr - sa, <0.75mm Rare glauconite, sr-rnd, <0.125mm - heat affected mid reddish yellow. Very rare plagioclase feldspar; sr - sa, <0.75mm

Fine Fraction: 20-30%, <0.05mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Flint. Rare: Undifferentiated feldspar. Very rare: Glauconite.

Matrix: 30-40%, Calcareous.

Matrix colour in PPL: Light yellowish red to light yellowish grey. *Colour in XP:* Mid yellowish red to mid grey.

Partially optically active.

Some concentration and depletion features, most close to centre of artefact. Tallys with relic coils and smoothed/partially burnished margins.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids, mostly aligned with long axis of artefact.

Comment: Handmade – coil-built; most inclusions aligned in discrete circular groupings, yet voids are generally curvilinear with an alignment with long axis of artefact with some inclusions at the margins aligned similarly. Prorbably signs of limited burnishing or wiping. – Not clear on surface in basic visual analysis, but partially scratchmarked. Several concentrations tally with 'relic coils'. Generally matches with other WCW, high flint content does not match with either LAVC or WARC.

Petrographic Thin Section Grouping Assignment: WCW

Site: Fordingbridge, Hampshire - SAMPLE: FOR-1

Visual Fabric Assignment: EVER Broad Date/Period: Medieval

Inclusions: 50-60%, eq. and el, sa-sr. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 70-80%, 0.4-0.05mm

Dominant quartz; eq and el, ang - sr, <0.4mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Frequent ferruginous inclusions; eq and el, sa-rnd, <0.4mm. Rare orthoclase feldspar; eq, sa, <0.125mm. Very rare Glauconite, sr-rnd, <0.1mm - heat affected mid reddish yellow.

Fine Fraction: 20-30%, <0.05mm Frequent: Quartz. Common: Ferruginous inclusions. Rare: Undifferentiated feldspar. Very rare: Glauconite.

Matrix: 20-30%, Calcareous. *Matrix colour in PPL*: Light yellowish brown to light yellowish grey. *Colour in XP:* Mid yellow to light greyish yellow. Optically inactive. No textural features visible within matrix – where seen these can be attributed as inclusions.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids, mostly aligned with long axis of artefact.

Comment: Wheelthrown, some vugh-shaped voids aligned to long axis of artefact along with inclusions. Similar to Verwood-type sub-group 2a.

Petrographic Thin Section Grouping Assignment: EVER – Similar to Verwood-type Subgroup 2a – Verwood and East Worth.

Site: Fordingbridge, Hampshire - SAMPLE: FOR-3

Visual Fabric Assignment: DWCW Broad Date/Period: Late medieval/Early post-medieval

Inclusions: 40-50%, eq. and el, sa-rnd. Close to single spaced. Inclussions area randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 70-80%, 0.75-0.1m Frequent quartz; eq and el, sa - rnd, <0.75mm. Monocrystalline and Polycrystalline quartz, most with undulose extinction. Common flint; sa - ang, <0.5mm. Few orthoclase feldspar; sr - sa, <0.5mm.

Fine Fraction: 20-30%, <0.05mm Frequent: Quartz. Common: Ferruginous inclusions. Rare: Undifferentiated feldspar. Very rare: Glauconite.

Matrix: 20-30%, Calcareous. *Matrix colour in PPL*: Light yellowish brown to light yellowish grey. *Colour in XP:* Mid yellow to light greyish yellow. Optically inactive. No textural features visible within matrix – where seen these can be attributed as inclusions.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids, mostly aligned with long axis of artefact.

Comment: Arrangement of inclusions suggest this is handmade over wheelthrown, but displays few signs to be certain. This fits best with DWCW, sharing some similarity to both LAVC and LAVF.

Petrographic Thin Section Grouping Assignment: DWCW

Site: Fordingbridge, Hampshire - SAMPLE: FOR-7

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval/Early post-medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to single spaced. Inclusions and voids aligned with nearest margin. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 1.5-0.05mm

Frequent quartz; eq and el, sa - rnd, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained.

Frequent ferruginous inclusions; eq and el, sa-rnd, <1.5mm. Completely black when hard fired.

Rare orthoclase feldspar; eq, sa, <0.125mm.

Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow. Very rare flint; eq, sa, <0.125mm.

Fine Fraction: 30-40%, <0.05mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Undifferentiated feldspar. Rare: Glauconite. Very rare: Flint.

Matrix: 30-40%, Calcareous.

Matrix colour in PPL: Light yellowish brown to light yellowish grey. *Colour in XP:* Mid yellow to light greyish yellow. Strongly optically active. No textural features visible within matrix – where seen these can be attributed as inclusions.

Voids: 20-30%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, some vugh-shaped voids aligned to long axis of artefact along with inclusions. Displays much similarity to Horton samples.

Petrographic Thin Section Grouping Assignment: EVER – similar to Verwood-type subgroup 1 - Horton

Site: Christchurch, Dorset - SAMPLE: X1

Visual Fabric Assignment: DWCW Broad Date/Period: Late medieval

Inclusions: 30-40%, eq. and el, ang-rnd. Close to single spaced. Inclusions are randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 1.5-0.125mm Frequent quartz; eq and el, sa - rnd, <1.5mm. Monocrystalline and Polycrystalline quartz, many with undulose extinction. Common flint; sa - ang, <1mm. Common - few ferruginous inclusions; eq and el, sr-rnd, <0.25mm. Rare orthoclase feldspar; sr - sa, <0.25mm. Very rare plagioclase feldspar; sr - sa, <0.25mm.

Fine Fraction: 30-40%, <0.125mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Flint. Rare: Undifferentiated feldspar. Very rare: Glauconite.

Matrix: 40-50%, Calcareous. *Matrix colour in PPL*: Light yellowish red to light yellowish grey. *Colour in XP:* Mid yellowish red to mid grey. Partially optically active. Some concentration and depletion features, most close to centre of artefact. Generally tallys with relic coils.

Voids: 10-20%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids, some aligned along long axis of artefact.

Comment: Handmade – coil-built; some inclusions aligned in discrete circular groupings, yet voids are generally curvilinear with an alignment with long axis of artefact with some inclusions at the margins aligned similarly. Probably signs of limited burnishing or wiping. – Not clear on surface in basic visual analysis, but partially scratchmarked. Several concentrations tally with 'relic coils'. Generally matches with other WCW, high flint content does not match with either LAVC or WARC.

Petrographic Thin Section Grouping Assignment: WCW

Site: Christchurch, Dorset - SAMPLE: X4

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval

Inclusions: 30-40%, eq. and el, ang-rnd. Close to single spaced. Inclusions are randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 50-60%, 0.75-0.05mm

Frequent quartz; eq and el, sa - rnd, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Frequent ferruginous inclusions; eq and el, sa-rnd, <0.5mm. Completely black where hard fired. Rare orthoclase feldspar; eq, sa, <0.125mm. Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow. Rare flint; eq, ang - sa, <0.5mm.

Fine Fraction: 40-50%, <0.05mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Undifferentiated feldspar. Very rare: Glauconite. Very rare: Flint.

Matrix: 30-40%, Calcareous.

Matrix colour in PPL: Light yellowish grey to light greyish yellow. *Colour in XP*: Mid yellow to light greyish yellow.

Optically inactive.

No textural features visible within matrix – where seen these can be attributed as inclusions.

Voids: 20-30%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Possibly wheelturned, most voids and inclusions aligned to long axis of artefact. Displays similarities to LAVC and WARC, but with refined coarse component size (<0.75mm) therefore this has been assigned as DWCW.

Petrographic Thin Section Grouping Assignment: DWCW

Site: Christchurch, Dorset - SAMPLE: X5

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval/Early post-medieval

Inclusions: 50-60%, eq. and el, sa-sr. Close to single spaced. Inclusions strongly aligned to long axis of artefact. Moderate bimodal grain size distribution.

Coarse Fraction: 60-70%, 0.5-0.05mm Dominant quartz; eq and el, ang - sr, <0.5mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common ferruginous inclusions; eq and el, sr-rnd, <0.5mm. Very rare orthoclase feldspar; eq, sa, <0.125mm. Very rare flint; eq, sa, <5mm. Very rare argillaceous features; eq and el, sr-rnd, <0.75mm - often iron poor with no zoning. Few-Common in VER3-37, eq and el, sr, <2mm. Very rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow.

Fine Fraction: 30-40%, <0.05mm Frequent: Quartz. Common: Ferruginous inclusions. Very rare: Glauconite. Very rare: Flint. Very rare: Undifferentiated feldspar.

Matrix: 20-30%, Calcareous.

Matrix colour in PPL: Mid yellowish red to light yellow brown. *Colour in XP:* Mid yellow brown to mid yellow.

Moderately optically active.

Very rare textural feautres, eq and el, sr-rnd, <0.75mm - often iron poor with no zoning.

Voids: 10-20%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, both inclusions and vugh-shaped voids aligned to long axis of artefact. Similar to Verwood-type sub-group 2a.

Petrographic Thin Section Grouping Assignment: EVER – Similar to Verwood-type subgroup 2a – Verwood and East Worth

Site: Christchurch, Dorset - SAMPLE: X7

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval/Early post-medieval

Inclusions: 50-60%, eq. and el, sa-sr. Close to single spaced. Inclusions strongly aligned to long axis of artefact. Moderate bimodal grain size distribution.

Coarse Fraction: 60-70%, 0.5-0.05mm

Dominant quartz; eq and el, ang - sr, <0.5mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common ferruginous inclusions; eq and el, sr-rnd, <0.5mm. Very rare orthoclase feldspar; eq, sa, <0.125mm. Very rare flint; eq, sa, <5mm. Very rare argillaceous inclusions; sr-rnd, <0.5mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron poor. Very rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow.

Fine Fraction: 30-40%, <0.05mm Frequent: Quartz. Common: Ferruginous inclusions. Very rare: Glauconite. Very rare: Flint. Very rare: Undifferentiated feldspar.

Matrix: 20-30%, Calcareous.

Matrix colour in PPL: Mid yellowish red to light yellow brown. *Colour in XP:* Mid yellow brown to mid yellow.

Moderately optically active.

Very rare textural feautres, eq and el, sr-rnd, <0.75mm - often iron poor with no zoning.

Voids: 10-20%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, both inclusions and vugh-shaped voids aligned to long axis of artefact. Similar to Verwood-type sub-group 2a.

Petrographic Thin Section Grouping Assignment: EVER – Similar to Verwood-type subgroup 2a – Verwood and East Worth

Site: Christchurch, Dorset - SAMPLE: X10

Visual Fabric Assignment: DWCW Broad Date/Period: Late medieval/Early post-medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 30-40%, 1-0.1mm Frequent quartz; eq and el, ang - sr, <1mm. Monocrystalline quartz. Polycrystalline quartz in the minority. Some are iron stained. Common - few muscovite; ang, <0.125mm. Rare ferruginous inclusions; eq and el, sr-rnd, <0.25mm. Rare argillaceous inclusions; sr-rnd, <1mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich. Rare glauconite, sr-rnd, <0.125mm - heat affected mid reddish yellow.

Fine Fraction: 60-70%, <0.1mm Frequent -Dominant: Quartz. Common: Muscovite. Rare: Ferruginous inclusions. Few - rare: Undifferentiated feldspar. Very rare: Glauconite. Very rare: Flint.

Matrix: 20-30%, Calcareous.

Matrix colour in PPL: Mid yellowish red to light yellow brown. *Colour in XP*: Mid yellow brown to mid yellow.

Moderately optically active.

Very rare textural feautres, eq and el, sr-rnd, <0.75mm - often iron poor with no zoning.

Voids: 10-20%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Well sorted fabric. Some inclusions and voids aligned to long axis of artefact, suggesting wheel-turned, or –thrown, construction. This uncertain redware has some similarities to South Hampshire Redwares, but the flint content makes this attribution less than certain.

Petrographic Thin Section Grouping Assignment: SHRW

Site: Stratton, Dorset - SAMPLE: STN1

Visual Fabric Assignment: Dorset Red Painted Ware (DRPW) Broad Date/Period: Late medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to double spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 0.75-0.01mm

Dominant quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Frequent ferruginous inclusions; eq and el, sa-rnd, <0.3mm. Common - few flint; eq, sa, <0.5mm. Rare orthoclase feldspar; eq, sa - sr, <0.125mm.

Fine Fraction: 30-40%, <0.01mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Flint. Rare: Undifferentiated feldspar. Rare: Glauconite.

Matrix: 40-50%, Calcareous. *Matrix colour in PPL*: Light yellowish grey. *Colour in XP:* Light greyish yellow. Poorly optically active. Some concentration features towards centre of artefact.

Voids: 10-20%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Uncertain manufacture, possibly wheel-turned. Very similar to DWCW samples, but with added slip as surface treatment.

Petrographic Thin Section Grouping Assignment: DWCW

Site: Stratton, Dorset - SAMPLE: STN2

Visual Fabric Assignment: DWCW Broad Date/Period: Late medieval

Inclusions: 30-40%, eq. and el, sa-rnd. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 50-60%, 1.5-0.05mm Dominant quartz; eq and el, sa - rnd, <1.5mm. Monocrystalline and Polycrystalline quartz, many with undulose extinction. Common flint; sa - ang, <0.75mm. Few - rare orthoclase feldspar; sr - sa, <0.25mm Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow. Rare argillaceous inclusions, sr-rnd, <1.5mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich. Rare sandstone; sa - sr, <0.5mm, Rare - very rare plagioclase feldspar sr - sa, <0.25mm.

Fine Fraction: 30-40%, <0.05mm Frequent: Quartz. Common: Ferruginous inclusions. Few - rare: Undifferentiated feldspar. Rare: Flint. Very rare: Glauconite.

Matrix: 20-30%, Calcareous.
Matrix colour in PPL: Dark yellowish brown to light yellowish brown.
Colour in XP: Mid yellowish red to mid grey.
Poorly optically active.
Some concentration features present within the core of the sample appear to tally with relic coils.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids. Some are curvilinear in discrete groupings.

Comment: Probably handmade, voids and some inclusions arranged into discrete groupings, which tally with relic coils. This uncertain redware has some similarities to South Hampshire Redwares, but the flint content makes this attribution less than certain.

Petrographic Thin Section Grouping Assignment: Southampton area coarseware/ SHRW?

Site: Stratton, Dorset – SAMPLE: STN9

Visual Fabric Assignment: DWCW Broad Date/Period: Late medieval

Inclusions: 50-60%, eq. and el, sa-sr. Close to single spaced. Inclusions strongly aligned to long axis of artefact. Moderate bimodal grain size distribution.

Coarse Fraction: 60-70%, 1.5-0.05mm

Dominant quartz; eq and el, ang - sr, <0.5mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common ferruginous inclusions; eq and el, sr-rnd, <0.25mm. Common - few flint; eq, sa, <0.75mm. Rare sandstone; sa, <1.5mm, Very rare orthoclase feldspar; eq, sa, <0.125mm. Very rare argillaceous features; eq and el, sr-rnd, <0.75mm - often iron poor with no zoning. Very rare glauconite, sr-rnd, <0.125mm - some heat affected mid reddish yellow, minority are mid greenish yellow.

Fine Fraction: 20-30%, <0.05mm Frequent: Quartz. Common: Ferruginous inclusions. Very rare: Glauconite. Very rare: Flint. Very rare: Undifferentiated feldspar.

Matrix: 20-30%, Calcareous.
Matrix colour in PPL: Mid yellowish red to light yellow brown.
Colour in XP: Mid yellow brown to mid yellow.
Moderately optically active.
Very rare textural features, eq and el, sr-rnd, <0.75mm - often iron poor with no zoning.

Voids: 10-20%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Uncertain manufacture, possibly wheel-turned. Very similar to other DWCW samples.

Petrographic Thin Section Grouping Assignment: DWCW

Site: Salisbury, Wiltshire - SAMPLE: SAL1

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval/Early post-medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to single spaced. Inclusions and voids aligned with nearest margin. Bimodal grain size distribution.

Coarse Fraction: 50-60%, 1.5-0.05mm Dominant quartz; eq and el, ang - sr, <1.5mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Frequent ferruginous inclusions; eq and el, sa-rnd, <1.5mm; completely black where hard fired. Few - rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow. Rare orthoclase feldspar; eq, sa, <0.125mm. Very rare flint; eq, sa, <0.125mm.

Fine Fraction: 40-50%, <0.05mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Undifferentiated feldspar. Rare: Glauconite. Very rare: Flint.

Matrix: 30-40%, Calcareous.
Matrix colour in PPL: Light yellowish brown to light yellowish grey.
Colour in XP: Mid yellow to light greyish yellow.
Optically active.
Very rare textural features, eq and el, sr-rnd, <0.75mm - often iron poor with no zoning.

Voids: 20-30%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, some vugh-shaped voids aligned to long axis of artefact. Displays similarities with Verwood-type sub-group 1 Horton.

Petrographic Thin Section Grouping Assignment: EVER – Similar to Verwood-type subgroup 1 - Horton

Site: Salisbury, Wiltshire - SAMPLE: SAL7

Visual Fabric Assignment: Uncertain LAVF/EVER Broad Date/Period: Late medieval

Inclusions: 40-50%, eq. and el, ang-rnd. Close to single spaced. Most inclusions are aligned to long axis of artefact. Clear bimodal grain size distribution.

Coarse Fraction: 40-50%, 0.75-0.05mm

Dominant quartz; eq and el, sa - rnd, <0.25mm. Monocrystalline quartz most with undulose extinction, with very few polycrystalline quartz. Very rarely examples are iron stained. Few - common ferruginous inclusions; eq and el, sa-rnd, <0.75mm. Few flint; el and eq, sa, <0.5mm. Few - rare argillaceous features; eq and el, sa-sr, <0.75mm - iron rich with moderate to poor zoning. Some contain quartz, sa - sr, 0.125mm. Very rare orthoclase feldspar; eq, sa, <0.125mm.

Fine Fraction: 50-60%, <0.08mm Frequent: Quartz. Common: Ferruginous inclusions. Few: Muscovite. Rare: Glauconite. Very rare: Flint. Very rare: Undifferentiated feldspar.

Matrix: 30-40%, Calcareous and micaceous. *Matrix colour in PPL*: Light yellowish brown to light yellowish white. *Colour in XP*: Light yellowish white. Strongly optically active. Some discrete pockets of concentration features throughout sample.

Voids: 10-20%, macro- to micro- sized vesicular voids. Mega- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, some vugh-shaped voids and most inclusions appear aligned to long axis of artefact. This is a well-sorted clay mix, possibly with signs of limited levigation as concentration features are discrete but still present. This sample correltes with elements of both the LAVF or VER fabric group.

Petrographic Thin Section Grouping Assignment: Uncertain LAVF or EVER
Site: Salisbury, Wiltshire - SAMPLE: SAL8

Visual Fabric Assignment: DWCW Broad Date/Period: Late medieval

Inclusions: 30-40%, eq. and el, sa-rnd. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 70-80%, 1-0.05mm Dominant quartz; eq and el, sa - rnd, <1mm. Monocrystalline and Polycrystalline quartz, many with undulose extinction. Common flint; sa - ang, <0.75mm. Rare orthoclase feldspar; sr - sa, <0.75mm. Rare plagioclase feldspar; sr - sa, <0.75mm. Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow.

Fine Fraction: 20-30%, <0.05mm Frequent: Quartz. Common: Ferruginous inclusions. Few: Muscovite. Rare: Flint. Rare: Undifferentiated feldspar. Very rare: Glauconite.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL:* light yellow to mid brown. *Colour in XP:* Light brown to mid brown. Moderately optically active. Concentration and depletion features throughout.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids, all aligned along long axis of artefact.

Comment: Uncertain manufacture, possibly wheel-turned. Very similar to other DWCW samples.

Site: Salisbury, Wiltshire - SAMPLE: SAL9

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 30-40%, 1-0.1mm

Frequent quartz; eq and el, ang - sr, <1mm. Monocrystalline quartz. Polycrystalline quartz in the minority. Some are iron stained and some quartz has undulouse extinction. Common - few muscovite; ang, <0.125mm. Common - few ferruginous inclusions; eq and el, sa-rnd, <1mm. Rare argillaceous inclusions; sr-rnd, <1mm - quartz inclusions <0.125mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich. Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow.

Fine Fraction: 60-70%, <0.1mm Frequent - Dominant: Quartz. Common: Muscovite. Rare: Ferruginous inclusions. Few - rare: Undifferentiated feldspar. Very rare: Glauconite. Very rare: Flint.

Matrix: 20-30%, Non-calcareous, micaceous and iron rich. *Matrix colour in PPL:* Light reddish brown to light yellowish grey. *Colour in XP:* Mid red to mid grey. Highly optically active. Concentration and depletion features throughout.

Voids: 20-30%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Uncertain manufacture, possibly wheel-turned. Reasonably well-sorted fabric. This uncertain redware has some similarities to South Hampshire Redwares, but not enough to be certain.

Petrographic Thin Section Grouping Assignment: Uncertain – possibly SHRW.

Site: Salisbury, Wiltshire - SAMPLE: SAL10

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval

Inclusions: 40-50%, eq. and el, sa-sr. Close to single spaced. Inclusions and voids aligned with nearest margin. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 0.75-0.05mm Frequent quartz; eq and el, sa - rnd, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Frequent - common ferruginous inclusions; eq and el, sa-rnd, <0.5mm. Completely black when hard fired. Rare orthoclase feldspar; eq, sa, <0.125mm. Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow. Rare flint; eq, ang - sa, <0.5mm.

Fine Fraction: 30-40%, <0.05mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Undifferentiated feldspar. Very rare: Flint. Very rare: Glauconite.

Matrix: 30-40%, Calcareous.
Matrix colour in PPL: Light yellowish grey to light greyish yellow.
Matrix colour in XP: Mid yellow to light greyish yellow.
Optically inactive.
No textural features visible within matrix – where seen these can be attributed as inclusions.

Voids: 20-30%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, some vugh-shaped voids and most inclusions appear aligned to long axis of artefact. This is a well-sorted clay mix, possibly with signs of limited levigation as concentration features are discrete but still present. Due to the high iron content this sample could be ascribed to the Horton area, but elements are also comparable to Laverstock finewares.

Petrographic Thin Section Grouping Assignment: Uncertain EVER or LAVF

Site: Salisbury, Wiltshire - SAMPLE: SAL12

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval

Inclusions: 40-50%, eq. and el, sa-sr. Close to single spaced. Inclusions and voids aligned with nearest margin. Bimodal grain size distribution.

Coarse Fraction: 70-80%, 0.75-0.05mm

Frequent quartz; eq and el, sa - rnd, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Frequent - common ferruginous inclusions; eq and el, sa-rnd, <0.5mm. Completely black when hard fired. Rare orthoclase feldspar; eq, sa, <0.125mm. Rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow. Rare flint; eq, ang - sa, <0.5mm.

Fine Fraction: 20-30%, <0.05mm Frequent: Quartz. Frequent: Ferruginous inclusions. Rare: Undifferentiated feldspar. Very rare: Flint. Very rare: Glauconite.

Matrix: 30-40%, Calcareous.

Matrix colour in PPL: Light yellowish grey to light greyish yellow.
Matrix colour in XP: Mid yellow to light greyish yellow.
Optically inactive.
No textural features visible within matrix – where seen these can be attributed as inclusions.

Voids: 20-30%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, some vugh-shaped voids and most inclusions appear aligned to long axis of artefact. This is a well-sorted clay mix, possibly with signs of limited levigation as concentration features are discrete but still present. Due to the high iron content this sample could be ascribed to the Horton area, but elements are comparable

Petrographic Thin Section Grouping Assignment: Uncertain EVER or LAVF

Site: Southampton - SAMPLE: SOU7

Visual Fabric Assignment: Late Medieval Well Fired Sandy Ware (LMWFSW) Broad Date/Period: Late medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 30-40%, 1-0.1mm Frequent quartz; eq and el, ang - sr, <1mm. Monocrystalline quartz, with polycrystalline quartz in the minority - some have undulouse extinction. Rarely iron stained. Common - few muscovite: ang, <0.125mm. Rare argillaceous inclusions; sr-rnd, <0.5mm - quartz inclusions <0.1mm, sa-rnd, and muscovite, sa, <0.125mm. Mostly iron rich. Very rare flint; sa - ang, <0.5mm Very rare glauconite; sr-rnd, <0.125mm - heat affected mid reddish yellow.

Fine Fraction: 60-70%, <0.1mm Frequent - Dominant: Quartz. Common: Muscovite. Rare: Ferruginous inclusions. Few - rare: Undifferentiated feldspar. Very rare: Glauconite. Very rare: Flint.

Matrix: 20-30%, Non-calcareous, micaceous and iron rich. *Matrix colour in PPL:* Light reddish brown to light yellowish grey. *Matrix colour in XP:* Mid yellow to light greyish yellow. Highly optically active. Some concentration features towards centre of artefact.

Voids: 20-30%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Wheelthrown distinctive ware type with many similarities to SHRW.

Petrographic Thin Section Grouping Assignment: Similar to SHRW

Site: Southampton - SAMPLE: SOU8

Visual Fabric Assignment: Southampton Whiteware (SOUWW) Broad Date/Period: Late medieval

Inclusions: 30-40%, eq. and el, sa-rnd. Close to double spaced. Inlcusions generally aligned to long axis of artefact. Clear bimodal grain size distribution.

Coarse Fraction: 50-60%, 0.75-0.01mm

Frequent - dominant quartz; eq and el, sa - rnd, <0.5mm. Monocrystalline quartz, some with undulose extinction. Few polycrystalline examples throughout sample. Some of both types are iron stained.

Few ferruginous inclusions; eq and el, sr-rnd, <0.75mm. Rare argillaceous features, eq and el, sr-rnd, <0.5mm - iron poor with no zoning. Rare Glauconite; eq-el, sr-rnd, <0.125mm. Very rare orthoclase feldspar; eq, sa, <0.125mm.

Fine Fraction: 60-70%, <0.1mm Frequent: Quartz. Rare: Ferruginous inclusions. Very rare: Flint. Very rare: Undifferentiated feldspar.

Matrix: 30-40%, Strongly Calcareous. *Matrix colour in PPL:* White - light yellowish white. *Matrix colour in XP:* Off white to light yellowish white. Poorly optically active. Frequent concentration and depletion features throughout.

Voids: 5-10%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, strongly aligned vugh-shaped voids plus inclusions generally aligned to long axis of artefact. This is appears very similar to DWW samples from Wareham.

Site: Southampton - SAMPLE: SOU11

Visual Fabric Assignment: Dorset Sandy Ware (DSW) – Equivalent of Developed Wessex Coarseware (DWCW) Broad Date/Period: Late medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to double spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 60-70%, 0.75-0.01mm Dominant quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Frequent ferruginous inclusions; eq and el, sa-rnd, <0.3mm. Few - rare flint; eq, sa, <0.5mm. Rare orthoclase feldspar; eq, sa - sr, <0.125mm.

Fine Fraction: 30-40%, <0.1mm Frequent: Quartz. Frequent - common: ferruginous inclusions. Rare: Undifferentiated feldspar. Very rare: Flint. Very rare: Glauconite.

Matrix: 50-60%, Calcareous. Matrix colour in PPL: Light yellowish grey. Matrix colour in XP: Light whitish yellow. Strongly to medium optically active. Concentration and depletion features throughout.

Voids: 10-20%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Uncertain manufacture, possibly wheel-turned. Very similar to other DWCW samples.

Site: Gillingham, Dorset (ACW1250) - SAMPLE: GIL2

Visual Fabric Assignment: DWCW Broad Date/Period: Late medieval

Inclusions: 20-30%, eq. and el, sa-rnd. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 70-80%, 0.75-0.02mm Dominant quartz; eq and el, ang - rnd, <0.75mm. Monocrystalline and Polycrystalline quartz, many with undulose extinction. Common flint; sa - ang, <0.75mm. Common- few ferruginous inclusions; eq and el, sr-rnd, <0.125mm. Rare orthoclase feldspar sr - sa, <0.5mm. Very rare glauconite; sr-rnd, <0.125mm. Very rare argillaceous features, el, sr, <0.75mm - iron poor and iron rich with no apparent zoning. Common quartz, sa-sr, <0.125mm.

Fine Fraction: 20-30%, <0.02mm Frequent: Quartz. Common: Ferruginous inclusions. Rare: Flint. Rare: Undifferentiated feldspar. Very rare: Glauconite.

Matrix: 50-60%, Calcareous. *Matrix colour in PPL:* Light yellowish grey. *Matrix colour in XP:* Light whitish yellow. Strongly to medium optically active. Concentration and depletion features throughout.

Voids: 10-20%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Uncertain manufacture, possibly wheel-turned. Very similar to DRPW samples in thin section, sharing similarity with DWCW samples, with which it has been ascribed. The high ferruginous content is suggestive of a Horton source, plus the less than 0.75mm coarse componenet size is relatively fine for DWCW.

Petrographic Thin Section Grouping Assignment: EVER – Similar to Verwood-type subgroup 1 – Horton.

Site: Gillingham, Dorset (ACW1250) - SAMPLE: GIL5

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval

Inclusions: 30-40%, eq and el, sa-sr. Close to single spaced. Inclusions commonly aligned to long axis of artefact. Moderate bimodal grain size distribution.

Coarse Fraction: 50-60%, 0.5-0.05mm Dominant quartz; eq and el, ang - sr, <0.5mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common ferruginous inclusions; eq and el, sr-rnd, <0.25mm. Few flint; eq, sa, <0.25mm. Very rare orthoclase feldspar; eq, sa, <0.125mm. Very rare argillaceous features, eq and el, sr-rnd, <0.25mm - often iron poor with no zoning. Very rare glauconite, rnd, <0.125mm.

Fine Fraction: 20-30%, <0.02mm Frequent: Quartz. Common: Ferruginous inclusions. Very rare: Flint. Very rare: Undifferentiated feldspar.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL:* Light yellowish brown to mid grey. *Matrix colour in XP:* Mid yellowish grey to black. Moderately optically active Concentration and depletion features throughout.

Voids: 20-30%, macro- to micro- sized vesicular voids. Macro- to micro-sized vugh-shaped voids, all aligned along long axis of artefact.

Comment: Wheelthrown, most voids aligned to long axis of artefact with some inclusions at the margins aligned similarly. Sample shares several similarities to both Verwood and Laverstock area samples forming the control group. This is a fine grained Wessex Coarseware, being similar to other DWCW samples.

Site: Gillingham, Dorset (ACW1250) - SAMPLE: GIL8

Visual Fabric Assignment: Verwood-type – early variant VERE Broad Date/Period: Early post-medieval

Inclusions: 20-30%, eq. and el, ang-sr. Close to single spaced. Inclusions randomly aligned. Clear bimodal grain size distribution.

Coarse Fraction: 60-70%, 0.75-0.05mm

Frequent quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained.
Common - few Ferruginous inclusions; eq and el, sr-rnd, <0.5mm.
Few - rare argillaceous features, eq and el, sr-rnd, <0.5mm - iron poor with rare quartz inclusions (<0.125mm), occasionally iron-rich areas within - no apparent zoning.
Rare muscovite; el, ang, <0.125mm.
Very rare glauconite, sr-rnd, <0.1mm - heat affected mid reddish yellow.
Very rare orthoclase feldspar; eq, sa, <0.125mm.
Very rare flint; eq and el, sa, <0.25mm.

Fine Fraction: 20-30%, <0.02mm Frequent: Quartz. Common: Ferruginous inclusions. Few: Muscovite. Rare: Glauconite. Very rare: Undifferentiated feldspar.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL:* Light yellow brown to light yellowish grey. *Matrix colour in XP:* Light greyish yellow to mid yellowish red. Moderately optically active Few textural concentration and depletion features, eq and el, sr-rnd, <0.5mm.

Voids: 20-30%, macro- to micro- sized vesicular voids. Macro- and micro-sized vugh-shaped voids.

Comment: Wheelthrown, some vugh-shaped voids aligned to long axis of artefact. Displays similarities with Verwood-type sub-group 1 Horton, exemplified by the large extent of iron-rich inclusions. Certainly a Verwood-type product.

Petrographic Thin Section Grouping Assignment: VERE – Similar to Verwood-type subgroup 1 – Horton.

Site: Gillingham, Dorset (ACW1250) - SAMPLE: GIL9

Visual Fabric Assignment: Verwood-type – early variant VERE Broad Date/Period: Early post-medieval

Inclusions: 20-30%, eq and el, ang-sr. Close to single spaced. Inclusions randomly aligned. Clear bimodal grain size distribution.

Coarse Fraction: 50-60%, 0.75-0.05mm Frequent quartz; eq and el, ang - sr, <0.5mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common - few ferruginous inclusions; eq and el, sr-rnd, <0.25mm. Few - rare argillaceous features, eq and el, sr-rnd, <0.25mm - iron poor with rare quartz inclusions (<0.125mm), occasionally iron-rich areas within - no apparent zoning. Very rare muscovite; el, ang, <0.125mm. Very rare orthoclase feldspar; eq, sa, <0.125mm. Very rare flint; eq and el, sa, <0.25mm. Very rare sandstone; sa, eq, <0.75mm.

Fine Fraction: 40-50%, <0.05mm Frequent: Quartz. Common: Ferruginous inclusions. Few: Muscovite. Rare: Glauconite. Very rare: Undifferentiated feldspar.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL:* Light yellowish brown. *Matrix colour in XP:* Mid yellowish red. Poorly optically active. Few textural concentration and depletion features, eq and el, sr-rnd, <0.5mm.

Voids: 20-30%, macro- to micro- sized vesicular voids. Macro- and micro-sized vugh-shaped voids.

Comment: Wheelthrown, some vugh-shaped voids aligned to long axis of artefact. Displays similarities with Verwood-type sub-group 2a – Verwood and East Worth area, exemplified by the extent of muscovite. Certainly a Verwood-type product.

Petrographic Thin Section Grouping Assignment: VERE – Similar to Verwood-type subgroup 2a Verwood and East Worth.

Site: Shaftesbury, Dorset (SAVED19) – SAMPLE: SHA2

Visual Fabric Assignment: DWCW Broad Date/Period: Late medieval

Inclusions: 40-50%, eq and el, ang-sr. Close to single spaced. Inclusions randomly aligned. Clear bimodal grain size distribution.

Coarse Fraction: 60-70%, 1-0.05mm

Frequent quartz; eq and el, ang - sr, <1mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common - few ferruginous inclusions; eq and el, sr-rnd, <1mm. Few flint; eq, sa, <0.75mm. Very rare epidote, sa, eq, <1mm.

Fine Fraction: 30-40%, <0.05mm Dominant: Quartz. Common: Ferruginous inclusions. Rare: Muscovite. Very rare: Glauconite. Very rare: Undifferentiated feldspar.

Matrix: 30-40%, Calcareous.

Matrix colour in PPL: Light grey to mid yellowish red. Matrix colour in XP: Light to mid yellowish brown. Strongly optically active.

Several linear textural features - few concentration and depletion features. Probably clay used as dug with little mixing. Few textural concentration and depletion features, eq and el, sr-rnd, <0.5mm.

Voids: 10-20%, macro- to micro- sized vesicular voids. Macro- and micro-sized vugh-shaped voids.

Comment: Uncertain manufacture, probably wheel-turned. Very similar to DWCW samples, with which it has been ascribed. The high ferruginous content is suggestive of a Horton source, but the low frequency of overall inclusions, coupled with small inclusion size in the coarse fraction does not correspond well with the known Horton samples. This makes an attribution to the Horton area difficult to defend, thus the DWCW is retained.

Site: Shaftesbury, Dorset (SAVED19) - SAMPLE: SHA3

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval/Early post-medieval

Inclusions: 40-50%, eq and el, ang-sr. Close to single spaced. Inclusions randomly aligned. Clear bimodal grain size distribution.

Coarse Fraction: 60-70%, 2-0.05mm Dominant quartz, eq and el, sa - rnd, <2mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common - few ferruginous inclusions; eq and el, sr-rnd, <0.5mm. Few flint; eq, sa, <0.5mm. Few orthoclase feldspar; eq, sr, <0.5mm. Few - rare argillaceous features; eq and el, sr-rnd, <2mm - often iron rich with no zoning. Very rare glauconite; rnd, <0.125mm.

Fine Fraction: 30-40%, <0.05mm Frequent: Quartz. Common: Ferruginous inclusions. Rare: Undifferentiated feldspar. Very rare: Flint. Very rare: Glauconite.

Matrix: 30-40%, Calcareous.
Matrix colour in PPL: Light grey to mid yellowish grey.
Matrix colour in XP: Light yellowish grey.
Strongly optically active.
Several linear textural features - few concentration and depletion features. Probably clay used as dug with little mixing.
Voids: 10-20%, macro- to micro- sized vesicular voids. Macro- and micro-sized vugh-shaped voids.

Comment: Wheelthrown, some vugh-shaped voids aligned to long axis of artefact. Displays similarities with Verwood-type sub-group 1 Horton.

Petrographic Thin Section Grouping Assignment: EVER – Similar to Verwood-type subgroup 1 - Horton

Site: Shaftesbury, Dorset (SAVED19) - SAMPLE: SHA5

Visual Fabric Assignment: DRPW Broad Date/Period: Late medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to double spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 70-80%, 0.75-0.02mm Dominant quartz; eq and el, ang - sr, <0.75mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common - few ferruginous inclusions; eq and el, sa-rnd, <0.75mm. Common - few flint; eq, sa, <0.5mm. Rare orthoclase feldspar; eq, sr, <0.5mm. Rare sandstone; eq and el, sa-sr, 0.5mm

Fine Fraction: 20-30%, <0.05mm Frequent: Quartz. Frequent - common: Ferruginous inclusions. Rare: Flint. Rare: Undifferentiated feldspar. Very rare: Glauconite.

Matrix: 30-40%, Calcareous.
Matrix colour in PPL: Light yellowish grey.
Matrix colour in XP: Light greyish yellow.
Moderate to strongly optically active.
Several concentration features towards margins of artefact. Possibly poorly mixed clay.

Voids: 20-30%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids. Some with secondary calcification.

Comment: Uncertain manufacture, possibly wheel-turned. Very similar to DWCW samples, but with added slip as surface treatment.

Site: Shaftesbury, Dorset (SAVED19) - SAMPLE: SHA14

Visual Fabric Assignment: Uncertain LAVF or EVER Broad Date/Period: Late medieval/Early post-medieval

Inclusions: 40-50%, eq and el, ang-sr. Close to single spaced. Inclusions randomly aligned. Moderate bimodal grain size distribution.

Coarse Fraction: 60-70%, 1.5-0.05mm

Frequent quartz; eq and el, ang - sr, <1.5mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common - few argillaceous inclusions, eq and el, sr-rnd, <1.5mm - mixture of iron rich and iron poor, often with rare quartz inclusions (<0.125mm). Few orthoclase feldspar; eq, sa, <0.8mm. Few - rare glauconite; sr-rnd, <0.1mm - heat affected mid reddish yellow. Rare muscovite; el, ang, <0.25mm. Rare flint; eq and el, sa, <0.5mm Very rare sandstone; sa, eq, <0.25mm.

Fine Fraction: 30-40%, <0.05mm Frequent: Quartz. Common: Ferruginous inclusions. Rare: Muscovite. Rare: Glauconite. Very rare: Undifferentiated feldspar.

Matrix: 30-40%, Calcareous. *Matrix colour in PPL:* Light yellow brown to light yellowish grey. *Matrix colour in XP:* Light greyish yellow to mid yellowish red. Moderately optically active.

Few textural concentration and depletion features, eq and el, sr-rnd, <0.5mm.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- and micro-sized vugh-shaped voids.

Comment: Wheelthrown, some vugh-shaped voids and most inclusions appear aligned to long axis of artefact. This is a well-sorted clay mix, possibly with signs of limited levigation as concentration features are discrete but still present. Due to the high iron content this sample could be ascribed to the Horton area, but elements are also comparable to Laverstock finewares.

Petrographic Thin Section Grouping Assignment: EVER – Similar to Verwood-type subgroup 1 - Horton

Site: East Worth, Verwood, Dorset (ACW1295) - SAMPLE: EWO1

Visual Fabric Assignment: WCW Broad Date/Period: Late medieval

Inclusions: 20-30%, eq and el, ang-sr. Close to single spaced. Inclusions randomly aligned. Moderate bimodal grain size distribution.

Coarse Fraction: 60-70%, 1-0.02mm Dominant quartz; eq and el, sa - rnd, <1mm. Monocrystalline and Polycrystalline quartz, many with undulose extinction. Common flint; eq, sa - ang, <0.75mm Few - rare orthoclase feldspar; eq and el, sr, <0.25mm Rare argillaceous inclusions, sr-rnd, <0.75mm - quartz inclusions <0.125mm, sa-rnd. Mostly iron rich. Very rare glauconite; sr-rnd, <0.125mm. Very rare plagioclase feldspar; eq, sr, <0.25mm

Fine Fraction: 30-40%, <0.02mm Frequent: Quartz. Common - Few: Ferruginous inclusions. Rare: Undifferentiated feldspar. Very rare: Glauconite.

Matrix: 30-40%, Calcareous.

Matrix colour in PPL: Light yellow brown to light yellowish grey. Matrix colour in XP: Light greyish yellow to mid yellowish red. Moderately optically active. Few textural concentration and depletion features, mostly relating to relic coils.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- and micro-sized vugh-shaped voids. Most voids infilled with secondary calcification.

Comment: Handmade, some relic coils, plus curvature evident in discrete groupings of vugh-shaped voids. Little alignment in inclusions. Very similar to DWCW samples.

Site: East Worth, Verwood, Dorset (ACW1295) - SAMPLE: EWO3

Visual Fabric Assignment: DWCW Broad Date/Period: Late medieval

Inclusions: 20-30%, eq and el, ang-sr. Close to single spaced. Inclusions randomly aligned. Moderate bimodal grain size distribution.

Coarse Fraction: 60-70%, 1-0.02mm Dominant quartz; eq and el, sa - rnd, <1mm. Monocrystalline and Polycrystalline quartz, many with undulose extinction. Common flint; eq, sa - ang, <0.75mm Few - rare orthoclase feldspar; eq and el, sr, <0.25mm Rare argillaceous inclusions, sr-rnd, <0.8mm - quartz inclusions <0.125mm, sa-rnd. Mostly iron rich. Very rare glauconite; sr-rnd, <0.125mm. Very rare plagioclase feldspar; eq, sr, <0.25mm

Fine Fraction: 30-40%, <0.02mm Frequent: Quartz. Common - Few: Ferruginous inclusions. Rare: Undifferentiated feldspar. Very rare: Glauconite.

Matrix: 30-40%, Calcareous.
Matrix colour in PPL: Light yellow brown to light yellowish grey.
Matrix colour in XP: Light greyish yellow to mid yellowish red.
Moderately optically active.
Few textural concentration and depletion features, mostly relating to relic coils.

Voids: 20-30%, meso- to micro- sized vesicular voids. Macro- and micro-sized vugh-shaped voids. Most voids infilled with secondary calcification.

Comment: Handmade, some relic coils, plus curvature evident in discrete groupings of vugh-shaped voids. Little alignment in inclusions. Very similar to DWCW samples.

Site: East Worth, Verwood, Dorset (ACW1295) - SAMPLE: EWO5

Visual Fabric Assignment: Uncertain fineware but like DRPW Broad Date/Period: Late medieval

Inclusions: 30-40%, eq. and el, sa-sr. Close to double spaced. Inclusions generally aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 70-80%, 1-0.02mm

Dominant quartz; eq and el, ang - rnd, <1mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common - few ferruginous inclusions; eq and el, sa-rnd, <0.8mm. Mixture of iron rich and iron poor areas throughout. Common - few flint; eq, sa, <1mm. Rare orthoclase feldspar; eq, sr, <0.5mm. Very rare glauconite; eq, rnd, <0.1mm.

Fine Fraction: 20-30%, <0.02mm Frequent: Quartz. Frequent - common: Ferruginous inclusions. Rare: Flint. Rare: Undifferentiated feldspar. Very rare: Glauconite.

Matrix: 30-40%, Calcareous.
Matrix colour in PPL: Mid grey.
Matrix colour in XP: Light yellowish brown.
Poorly optically active.
Several concentration features towards margins of artefact. Possibly poorly mixed clay.

Voids: 20-30%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids. Some with secondary calcification.

Comment: Wheelturned, some voids and inclusions aligned to long axis of artefact. This is a close match to DRPW, but displays little evidence of extensive surface treatment – slip. The sample has extensive resemblance to DWCW, as DRPW does.

Site: East Worth, Verwood, Dorset (ACW1295) - SAMPLE: EWO6

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval

Inclusions: 40-50%, eq. and el, sa-sr. Close to single spaced. Inclusions randomly aligned - as expected from sampling a handle, as is the case here - Clear bimodal grain size distribution.

Coarse Fraction: 60-70%, 1.5-0.05mm

Dominant quartz; eq and el, ang - sr, <1.5mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Some are iron stained. Common ferruginous inclusions; eq and el, sr-rnd, <0.25mm.

Common - few flint; eq, sa, <0.75mm.

Few - rare orthoclase feldspar; eq, sa, <0.125mm.

Very rare argillaceous features; eq and el, sr-rnd, <0.75mm - often iron poor with no zoning. Very rare glauconite; sr-rnd, <0.15mm - some heat affected mid reddish yellow, minority are mid greenish yellow.

Very rare chlorite; el, sa, <0.125mm. Very rare muscovite; el, sa, <0.125mm.

Fine Fraction: 20-30%, <0.05mm Frequent: Quartz. Common: Ferruginous inclusions. Few - rare: Undifferentiated feldspar. Few - rare: Muscovite. Rare: Flint. Very rare: Glauconite.

Matrix: 30-40%, Calcareous. Matrix colour in PPL: Mid yellowish red to light yellow brown. Matrix colour in XP: Mid yellow brown to mid yellow. Moderately optically active. Very rare textural feautres, eq and el, sr-rnd, <0.75mm - often iron poor with no zoning.

Voids: 20-30%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids. Some with secondary calcification.

Comment: Forming comments are not appropriate as this is a sampled handle, not body or rim sherd. The fabric has some resemblance to certain Wareham Coarseware samples, but displays muscovite thus is unlikely to hail from that source, thus assigned DWCW.

Site: East Worth, Verwood, Dorset (ACW1295) - SAMPLE: EWO8

Visual Fabric Assignment: EVER Broad Date/Period: Late medieval

Inclusions: 30-40%, eq and el, sa-sr. Close to single spaced. Inclusions aligned with nearest margin - centre is more randomly aligned. Bimodal grain size distribution.

Coarse Fraction: 50-60%, 3-0.1mm Frequent quartz; eq and el, ang - sr, <3mm. Monocrystalline quartz, some with undulose extinction. Polycrystalline quartz in the minority. Common - few muscovite, el, ang, <0.125mm. Few - rare ferrunginous inclusions; eq and el, sr-rnd, <1mm. Few - rare orthoclase feldspar, eq, sr, <0.25mm. Rare glauconite, sr-rnd, <0.1mm - heat affected mid reddish yellow. Rare argillaeceous inclusions, sr-rnd, <0.5mm - mixture of iron rich and iron poor, with quartz inclusions <0.1mm, eq, sa-rnd, and muscovite, el, sa, <0.1mm. Rare flint, eq, sa, <0.5mm. Very rare garnet, eq, sa, <0.75mm.

Fine Fraction: 40-50%, <0.1mm Frequent - dominant: Quartz. Common - frequent: Ferruginous inclusions. Common: Muscovite. Few - rare: Undifferentiated feldspar. Rare: Glauconite. Very rare: Flint.

Matrix: 40-50%, Iron-rich and micaceous. Matrix colour in PPL: Light yellowish brown to black. Matrix colour in XP: Light yellowish grey to black. Poorly optically active Some concentration and depletion features.

Voids: 10-20%, meso- to micro- sized vesicular voids. Meso- to micro-sized vugh-shaped voids.

Comment: Wheelthrown, some voids and inclusions and voids aligned to long axis of artefact. The iron-rich nature and high fine fraction suggest that this ware type is a product of the south Hampshire sandy clays. Matches other samples of SHRW from Lymington.

Appendix VIII:

Data Summaries, Tests of Normality and Q-Q Plots for Raw Data

Data Summary Table

	N	Range	Minimum	Maximum	Me	an	Std. Deviation	Variance	Skewr	ness	Kurt	osis
	Statistic	Statistic	Statistic	Statistic	Statistic	Std. Error	Statistic	Statistic	Statistic	Std. Error	Statistic	Std. Error
Rb	986	141.3	36.1	177.4	135.0	0.5	17.1	291.5	-1.8	0.1	5.5	0.2
Nb	986	26.9	1.5	28.3	14.7	0.1	3.3	11.0	-0.3	0.1	0.9	0.2
Sr	986	493.2	2.7	496.0	98.9	0.9	29.4	865.5	4.3	0.1	41.5	0.2
Zr	986	550.6	3.3	553.9	266.1	1.7	54.5	2968.3	0.3	0.1	1.8	0.2
Fe	986	78194.2	190.4	78384.6	26078.3	354.0	11114.3	123527289.2	0.9	0.1	0.6	0.2
AI	986	147465.0	1926.9	149391.9	90640.7	559.2	17558.2	308288817.8	0.3	0.1	0.8	0.2
Si	986	428482.2	1166.9	429649.1	281198.5	1123.4	35276.1	1244403517.4	-0.5	0.1	5.7	0.2
к	986	35708.1	233.0	35941.1	17759.4	128.6	4037.7	16302880.6	-0.1	0.1	0.5	0.2
Ca	986	121132.9	897.2	122030.0	10957.2	430.4	13516.0	182680927.9	3.8	0.1	16.6	0.2
Ti	986	6432.7	2414.9	8847.7	5270.3	28.2	885.6	784248.0	0.0	0.1	0.9	0.2
V	986	670.6	-17.2	653.5	105.5	1.9	59.6	3556.2	3.6	0.1	23.2	0.2
Cr	986	1084.9	-14.2	1070.7	84.1	1.5	47.1	2219.3	9.5	0.1	194.5	0.2
Zn	986	800.5	-37.2	763.3	85.7	2.1	64.7	4181.1	3.1	0.1	18.7	0.2
Ba	986	715.2	33.4	748.6	359.0	2.7	84.5	7141.4	0.4	0.1	1.1	0.2
Valid N	986											
(IISTWISE)												

(listwise)

Tests of Normality

	Kolmogorov-Smirnov ^a			Shapiro-Wilk				
	Statistic	df	Sig.	Statistic	df	Sig.		
Rb	0.147	986	0.000	0.864	986	<0.001		
Nb	0.078	986	0.000	0.975	986	<0.001		
Sr	0.167	986	0.000	0.719	986	<0.001		
Zr	0.032	986	0.019	0.980	986	<0.001		
Fe	0.107	986	0.000	0.936	986	<0.001		
AI	0.066	986	0.000	0.985	986	<0.001		
Si	0.077	986	0.000	0.931	986	<0.001		
К	0.061	986	0.000	0.986	986	<0.001		
Ca	0.354	986	0.000	0.468	986	<0.001		
Ti	0.048	986	0.000	0.986	986	<0.001		
V	0.134	986	0.000	0.745	986	<0.001		
Cr	0.094	986	0.000	0.654	986	<0.001		
Zn	0.174	986	0.000	0.740	986	<0.001		
Ba	0.051	986	0.000	0.986	986	<0.001		

a. Lilliefors Significance Correction

Q-Q Plots by Element (Samples identified by case number)

Aluminium (Al)



Barium (Ba)









Iron (Fe)









-5.0

-7.5



Observed Value



Silicon (Si)











Zirconium (Zr)







Appendix IX:

Data Summaries, Test of Normality, Q-Q Plots, Ancillary Data for Transformed Data Used in Discriminant Analysis (DFA) 2 and 3

Data Summary Table

	N	Range	Minimum	Maximum	Mean		Mean		Mean		Std. Deviation	Variance	Skew	ness	Kurt	osis
						Std.										
	Statistic	Statistic	Statistic	Statistic	Statistic	Error	Statistic	Statistic	Statistic	Std. Error	Statistic	Std. Error				
RbLG10	985	0.5	1.9	2.3	2.2	0.0	0.0	0.0	-2.7	0.1	11.7	0.2				
NbLG10	985	0.2	1.6	1.8	1.7	0.0	0.0	0.0	-0.5	0.1	0.7	0.2				
SrLG10	985	0.9	1.9	2.7	2.1	0.0	0.1	0.0	1.4	0.1	7.6	0.2				
ZrLG10	985	0.5	2.2	2.8	2.5	0.0	0.1	0.0	-0.3	0.1	0.3	0.2				
FeLG10	985	1.0	3.9	4.9	4.4	0.0	0.2	0.0	0.0	0.1	-0.6	0.2				
AILG10	985	0.5	4.7	5.2	4.9	0.0	0.1	0.0	-0.2	0.1	0.4	0.2				
SiLG10	985	0.4	5.2	5.6	5.4	0.0	0.1	0.0	-0.8	0.1	2.2	0.2				
KLG10	985	0.8	3.7	4.6	4.2	0.0	0.1	0.0	-1.0	0.1	2.0	0.2				
CaLG10	985	2.1	3.0	5.1	3.9	0.0	0.3	0.1	1.8	0.1	3.7	0.2				
TiLG10	985	0.6	3.4	3.9	3.7	0.0	0.1	0.0	-0.7	0.1	1.1	0.2				
VLG10	985	1.5	1.4	2.8	2.1	0.0	0.2	0.0	-0.2	0.1	4.0	0.2				
CrLG10	985	1.6	1.4	3.0	2.1	0.0	0.1	0.0	-0.2	0.1	3.6	0.2				
ZnLG10	985	2.5	0.4	2.9	2.1	0.0	0.2	0.0	-0.2	0.1	7.6	0.2				
BaLG10	985	1.0	1.9	2.9	2.6	0.0	0.1	0.0	-0.8	0.1	4.0	0.2				

Tests of Normality

	Kolmo	olmogorov-Smirnov ^a			Shapiro-Wilk				
	Statistic	df	Sig.	Statistic	df	Sig.			
RbLG10	0.178	985	<0.001	0.776	985	<0.01			
NbLG10	0.089	985	<0.001	0.968	985	<0.01			
SrLG10	0.110	985	<0.001	0.899	985	<0.01			
ZrLG10	0.064	985	<0.001	0.984	985	<0.01			
FeLG10	0.038	985	0.002	0.989	985	<0.01			
AILG10	0.050	985	<0.001	0.990	985	<0.01			
SiLG10	0.097	985	<0.001	0.937	985	<0.01			
KLG10	0.073	985	<0.001	0.946	985	<0.01			
CaLG10	0.235	985	<0.001	0.744	985	<0.01			
TiLG10	0.084	985	<0.001	0.968	985	<0.01			
VLG10	0.066	985	<0.001	0.942	985	<0.01			
CrLG10	0.044	985	<0.001	0.966	985	<0.01			
ZnLG10	0.107	985	<0.001	0.893	985	<0.01			
BaLG10	0.051	985	<0.001	0.968	985	< 0.01			

a. Lilliefors Significance Correction

Tests for Homogeneity of Variance

		Levene			
		Statistic	df1	df2	Sig.
RbLG10	Based on Mean	19.318	34	946	<0.01
	Based on Median	14.290	34	946	<0.01
	Based on Median and with adjusted df	14.290	34	93	<0.01
	Based on trimmed mean	18.754	34	946	<0.01
NbLG10	Based on Mean	5.977	34	946	<0.01
	Based on Median	4.012	34	946	<0.01
	Based on Median and with adjusted df	4.012	34	498	<0.01
	Based on trimmed mean	5.524	34	946	<0.01
SrLG10	Based on Mean	13.063	34	946	<0.01
	Based on Median	9.129	34	946	<0.01
	Based on Median and with adjusted df	9.129	34	270	<0.01
	Based on trimmed mean	12.365	34	946	<0.01
ZrLG10	Based on Mean	5.471	34	946	<0.01
	Based on Median	4.282	34	946	<0.01
	Based on Median and with adjusted df	4.282	34	555	<0.01
	Based on trimmed mean	5.376	34	946	<0.01
FeLG10	Based on Mean	4.495	34	946	<0.01
	Based on Median	3.997	34	946	<0.01
	Based on Median and with adjusted df	3,997	34	665	< 0.01
	Based on trimmed mean	4,438	34	946	<0.01
	Based on Mean	8 555	34	946	<0.01
	Based on Median	7.450	3/	946	<0.01
	Based on Median and with adjusted df	7.450	3/	0+0 020	<0.01
	Based on median and with adjusted di	9 402	24	003	<0.01
Sil C10	Based on Mean	6.507	24	940	<0.01
SILGIU	Based on Median	0.097	34	940	<0.01
	Based on Median	5.210	34	946	<0.01
	Based on Median and with adjusted of	5.216	34	605	<0.01
1/1 0 10	Based on trimmed mean	6.365	34	946	<0.01
KLG10	Based on Mean	19.674	34	946	<0.01
	Based on Median	12.929	34	946	<0.01
	Based on Median and with adjusted df	12.929	34	199	<0.01
	Based on trimmed mean	18.816	34	946	<0.01
CaLG10	Based on Mean	14.331	34	946	<0.01
	Based on Median	9.723	34	946	<0.01
	Based on Median and with adjusted df	9.723	34	276	<0.01
	Based on trimmed mean	12.668	34	946	<0.01
TiLG10	Based on Mean	6.137	34	946	<0.01
	Based on Median	4.707	34	946	<0.01
	Based on Median and with adjusted df	4.707	34	564	<0.01
	Based on trimmed mean	5.882	34	946	<0.01
VLG10	Based on Mean	4.238	34	946	<0.01
	Based on Median	3.403	34	946	<0.01
	Based on Median and with adjusted df	3.403	34	504	<0.01
	Based on trimmed mean	3.866	34	946	<0.01
CrLG10	Based on Mean	7.787	34	946	<0.01
	Based on Median	5.166	34	946	<0.01
	Based on Median and with adjusted df	5.166	34	137	< 0.01
	Based on trimmed mean	6.756	34	946	< 0.01
ZnLG10	Based on Mean	5.138	34	946	< 0.01
	Based on Median	3.910	.34	946	< 0.01
	Based on Median and with adjusted df	3 910	.34	274	<0.01
	Based on trimmed mean	1 860	34	0/6	~0.01
Bal G10	Based on Mean	5 110	34	940 046	<0.01
Balgiu	Based on Median	5.119	34	946	<0.01
	Dased on Median	4.065	34	946	<0.01
	Based on Median and with adjusted df	4.065	34	518	<0.01
	Based on trimmed mean	4.889	34	946	< 0.01

Coefficients When Dependent Variable is Site (collection unit) or Known/Unknown Groups (Fabric)

	Unstandardized Coefficients		Standardized Coefficients			Collir Stat	nearity tistics	
							Toleran	
	Model	В	Std. Error	Beta	t	Sig.	се	VIF
1	(Constant)	-88.621	26.042		-3.403	0.001		
	RbLG10	-51.565	7.150	-0.327	-7.212	0.000	0.289	3.458
	NbLG10	49.223	14.503	0.171	3.394	0.001	0.232	4.302
	SrLG10	6.277	2.882	0.062	2.178	0.030	0.726	1.378
	ZrLG10	-19.805	3.544	-0.202	-5.588	0.000	0.456	2.195
	FeLG10	5.521	1.888	0.131	2.924	0.004	0.294	3.396
	AILG10	-26.279	4.128	-0.290	-6.366	0.000	0.286	3.497
	SiLG10	57.223	5.398	0.411	10.602	0.000	0.395	2.531
	KLG10	-4.454	3.157	-0.062	-1.411	0.159	0.304	3.284
	CaLG10	8.418	0.916	0.309	9.194	0.000	0.523	1.911
	TiLG10	-20.919	6.205	-0.208	-3.371	0.001	0.155	6.434
	VLG10	2.423	1.571	0.049	1.542	0.123	0.588	1.701
	CrLG10	12.419	2.658	0.220	4.672	0.000	0.268	3.726
	ZnLG10	1.855	1.214	0.045	1.528	0.127	0.684	1.463
	BaLG10	-1.238	2.275	-0.016	-0.544	0.586	0.724	1.381

Q-Q Plots by Element





Barium (Ba)







Chromiun (Cr)



Potassium (K)



Niobium (Nb)



Rubidium (Rb)











Titanium (Ti)






Zirconium (Zr)







Ancillary Tables from DFA 2

Eigenvalues

Function	Eigenvalue	% of Variance	Cumulative %	Canonical Correlation
1	5.862	29.8	29.8	0.924
2	5.042	25.6	55.4	0.913
3	2.974	15.1	70.6	0.865
4	1.979	10.1	80.6	0.815
5	1.028	5.2	85.8	0.712
6	0.891	4.5	90.4	0.686
7	0.639	3.3	93.6	0.624
8	0.431	2.2	95.8	0.549
9	0.233	1.2	97.0	0.435
10	0.192	1.0	98.0	0.401
11	0.144	0.7	98.7	0.355
12	0.119	0.6	99.3	0.326
13	0.092	0.5	99.8	0.290
14	0.042	0.2	100.0	0.200

First 14 canonical discriminant functions were used in the analysis.

Wilks' Lambda

Test of Function(s)	Wilks' Lambda	Chi-square	df	Sig.
1 through 14	0.00	8764.7	532.0	<0.001
2 through 14	0.00	6920.6	481.0	<0.001
3 through 14	0.00	5198.3	432.0	<0.001
4 through 14	0.02	3877.3	385.0	<0.001
5 through 14	0.05	2832.1	340.0	<0.001
6 through 14	0.11	2155.2	297.0	<0.001
7 through 14	0.20	1545.3	256.0	<0.001
8 through 14	0.33	1072.1	217.0	<0.001
9 through 14	0.47	729.1	180.0	<0.001
10 through 14	0.58	528.2	145.0	<0.001
11 through 14	0.69	360.2	112.0	<0.001
12 through 14	0.79	231.0	81.0	<0.001
13 through 14	0.88	123.3	52.0	<0.001
14	0.96	39.2	25.0	0.035

Variables Used in the Analysis

Step	Variable	Tolerance	F to Remove	Wilks' Lambda
1	CaLG10	1.0	111.9	
2	CaLG10	1.0	104.9	0.253
	FeLG10	1.0	68.5	0.182
3	CaLG10	1.0	104.0	0.073
	FeLG10	1.0	69.2	0.053
	RbLG10	1.0	60.8	0.048
4	CaLG10	1.0	104.1	0.028
	FeLG10	1.0	63.1	0.019
	RbLG10	0.6	41.1	0.014
	KLG10	0.6	40.1	0.014
5	CaLG10	1.0	99.8	0.014
	FeLG10	1.0	51.2	0.008
	RbLG10	0.6	38.4	0.007
	KLG10	0.6	37.5	0.007
6	CaLG10	0.9	102.6	0.008
	FeLG10	1.0	51.1	0.005
	RbLG10	0.5	35.6	0.004
	KLG10	0.6	36.7	0.004
	ZrLG10	0.9	23.3	0.003
	SrLG10	0.8	18.8	0.003
7	CaLG10	0.9	100.3	0.005
	FeLG10	1.0	51.2	0.003
	RbLG10	0.5	36.6	0.003
	KLG10	0.6	36.4	0.003
	ZrLG10	0.7	19.8	0.002
	SrLG10	0.8	18.9	0.002
	NbLG10	0.7	12.0	0.002
8	CaLG10	0.9	64.3	0.003
	FeLG10	0.9	53.7	0.002
	RbLG10	0.5	36.7	0.002
	KLG10	0.6	34.5	0.002
	ZrLG10	0.7	19.7	0.001
	SrLG10	0.8	17.6	0.001
	NbLG10	0.6	11.8	0.001
	AILG10	0.7	11.1	0.001
9	CaLG10	0.9	65.8	0.001
	FeLG10	0.9	48.6	0.001
	RbLG10	0.5	33.7	0.001
	KLG10	0.6	30.8	0.001
	ZrLG10	0.7	19.4	0.001
	SrLG10	0.8	17.4	0.001
	NDLG10	0.6	11.8	0.001
	AILG10	0.4	28.7	0.001
	SILG10	0.4	22.5	0.001

			F to	Wilks'
Step	Variable	Tolerance	Remove	Lambda
10	CaLG10	0.9	64.8	0.001
	FeLG10	0.9	46.8	0.001
	RbLG10	0.5	35.0	0.001
	KLG10	0.5	29.9	0.001
	ZrLG10	0.7	19.2	0.001
	SrLG10	0.8	16.5	0.000
	NbLG10	0.6	11.8	0.000
	AILG10	0.4	27.2	0.001
	SiLG10	0.4	20.1	0.001
	BaLG10	0.8	7.8	0.000
11	CaLG10	0.9	58.7	0.001
	FeLG10	0.9	43.5	0.001
	R6LG10	0.5	33.7	0.001
	KLG10	0.5	30.1	0.000
	ZrLG10	0.7	18.5	0.000
	SrLG10	0.8	16.4	0.000
	NBLG10	0.6	10.2	0.000
	AILG10	0.4	27.0	0.000
	SiLG10	0.4	19.7	0.000
	BaLG10	0.8	7.9	0.000
	VLG10	0.8	7.4	0.000
12	CaLG10	0.8	60.2	0.001
	FeLG10	0.9	42.7	0.000
	RDLG10	0.4	35.6	0.000
-	KLG10	0.5	30.1	0.000
	ZrLG10	0.7	16.9	0.000
-	SILGIO	0.8	10.2	0.000
		0.3	10.6	0.000
	AILG10	0.3	20.0	0.000
	Bal G10	0.4	19.2	0.000
	VI G10	0.8	7.6	0.000
		0.0	7.0	0.000
12		0.3	60.5	0.000
13	Eel G10	0.0	36.3	0.000
	Rbl G10	0.0	34.3	0.000
	KLG10	0.1	26.8	0.000
	Zrl G10	0.0	15.7	0.000
	Srl G10	0.8	16.4	0,000
	Nbl G10	0.3	10.7	0.000
	AILG10	0.3	20.0	0.000
	SiLG10	0.4	19.4	0.000
	BaLG10	0.8	8.1	0.000
	VLG10	0.8	7.7	0.000
	TiLG10	0.3	7.6	0.000
	ZnLG10	0.9	6.7	0.000
14	CaLG10	0.8	60.1	0.000
	FeLG10	0.6	21.8	0.000
	RbLG10	0.4	33.4	0.000
	KLG10	0.5	26.8	0.000
	ZrLG10	0.7	15.6	0.000
	SrLG10	0.8	16.3	0.000
	NbLG10	0.3	10.8	0.000
	AILG10	0.3	20.2	0.000
	SiLG10	0.4	19.2	0.000
	BaLG10	0.8	8.1	0.000
	VLG10	0.8	7.1	0.000
	TiLG10	0.2	6.9	0.000
	ZnLG10	0.9	6.6	0.000
	CrLG10	0.5	5.9	0.000

Variables Used in the Analysis – Cont.

Standardised Canonical Discriminant Function Coefficient

	Function													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
RbLG10	0.284	0.115	-0.841	0.859	0.387	-0.438	0.007	-0.460	0.115	0.081	-0.133	-0.412	0.238	-0.034
NbLG10	-0.087	0.034	0.307	-0.540	-0.151	-0.680	-0.344	1.043	-0.625	-0.324	-0.962	0.002	-0.025	0.196
SrLG10	-0.171	-0.136	0.056	-0.045	0.797	0.259	0.081	0.454	-0.222	0.161	0.285	0.072	-0.339	-0.029
ZrLG10	-0.321	-0.034	0.115	0.586	0.084	0.516	-0.323	-0.126	0.080	0.379	-0.200	0.608	-0.258	0.017
FeLG10	-0.089	0.606	0.510	0.144	0.285	0.100	0.500	-0.249	-0.567	-0.131	-0.024	-0.056	0.422	0.209
AILG10	-0.570	-0.928	-0.084	-0.151	-0.285	0.370	0.758	0.041	0.014	-0.194	-0.519	0.395	0.091	0.832
SiLG10	0.418	0.687	0.288	-0.077	0.394	-0.216	-0.930	0.081	0.822	-0.118	0.203	-0.432	0.151	0.034
KLG10	0.241	0.452	-0.175	-0.751	-0.480	0.672	-0.017	0.188	-0.270	-0.103	0.214	0.354	-0.183	0.220
CaLG10	0.881	-0.230	0.204	0.308	-0.227	0.054	0.105	0.105	0.179	-0.019	0.144	0.088	0.173	0.257
TiLG10	0.093	-0.083	-0.147	0.586	-0.358	0.445	0.243	-0.571	-0.181	0.657	1.344	-0.843	0.248	-0.241
VLG10	-0.161	-0.022	-0.059	-0.081	0.058	-0.527	-0.164	0.092	0.134	0.127	0.520	0.659	0.326	0.078
CrLG10	0.062	0.125	-0.159	0.186	-0.242	-0.340	0.072	0.399	0.667	-0.381	-0.101	0.014	-0.915	-0.253
ZnLG10	-0.006	0.162	0.017	-0.203	-0.047	-0.250	0.099	0.012	0.339	0.869	-0.341	-0.103	0.055	0.087
BaLG10	-0.254	-0.045	0.103	0.207	-0.192	0.393	0.029	0.431	0.386	-0.096	-0.006	-0.175	0.530	-0.524

Structure Matrix

	Function													
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
CaLG10	.810 [*]	-0.233	0.259	0.241	-0.020	0.048	0.181	0.238	0.028	0.089	-0.010	0.221	0.104	0.059
FeLG10	-0.157	.648 [*]	0.337	0.302	0.045	-0.066	0.495	0.058	-0.065	-0.119	0.034	0.046	0.085	0.259
RbLG10	0.053	0.279	771 [*]	0.346	0.127	0.011	0.018	0.229	-0.068	-0.018	-0.121	-0.054	0.206	0.268
KLG10	0.105	0.505	579 [*]	-0.144	-0.191	0.376	0.014	0.300	-0.071	0.023	0.083	0.142	0.045	0.275
ZrLG10	-0.224	0.164	0.123	.594	-0.196	0.252	-0.445	0.064	-0.126	0.234	-0.130	0.277	-0.178	0.236
SrLG10	0.084	-0.091	-0.143	-0.030	.689 [*]	0.205	0.205	0.542	-0.047	0.176	0.214	-0.050	-0.149	0.083
NbLG10	-0.174	0.085	-0.029	0.294	-0.301	-0.178	-0.312	.544	-0.380	0.084	-0.024	-0.243	0.004	0.385
ZnLG10	0.074	0.225	0.007	-0.207	-0.007	-0.106	0.365	0.121	0.280	.776 [*]	-0.246	-0.033	0.021	0.007
VLG10	-0.240	0.150	-0.148	0.093	-0.087	-0.446	0.020	0.248	0.075	0.042	0.485	.513 [*]	0.290	0.178
BaLG10	-0.110	0.105	-0.145	0.121	-0.057	0.300	0.193	0.488	0.256	-0.058	-0.097	0.027	.537*	-0.453
CrLG10	-0.184	0.376	0.014	0.330	-0.259	-0.211	0.365	0.313	0.265	-0.141	0.166	-0.024	483 [*]	0.143
AILG10	-0.375	-0.088	-0.116	0.098	-0.069	0.108	0.076	0.167	0.256	-0.128	0.065	-0.210	0.067	.802*
SiLG10	-0.195	0.191	0.105	0.030	0.103	0.097	-0.407	0.087	0.357	-0.146	0.144	-0.338	0.061	.658*
TiLG10	-0.295	0.053	0.020	0.311	-0.376	-0.040	-0.140	0.246	-0.172	0.182	0.404	-0.412	-0.113	.426*
Pooled within	n-groups co	rrelations b	etween dis	criminatin	g variable	s and stan	dardized d	anonical d	liscriminar	t functions	Variables	ordered by	absolute s	ize of con

*. Largest absolute correlation between each variable and any discriminant function

		Predicted Group Membership																																				
Site		1	2	3	4	5	6	7	8	9	10	11 12	13	14	15	16	17	18	19	20	21	22 2	23	24	25	26	27	28	29	30	31 3	2 33	34	4 35	36	37	38	39
Original	1	1	0	0		0 0)	0 0) 0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	j l	0	0 0
Count	2	0	1	0		0 0)	0 0) 0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0 0
(a)	3	0	0	0		0 1		0 0) 1	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	J	0	0 0
	4	0	0	0		3 ()	0 0) 0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0)	0	0 0
	5	0	0	0		0 1		0 0	0 (0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0)	0	0 0
	6	0	0	0		0 0)	2 0) 0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	J	0	0 0
	7	0	0	0		0 0)	0 1	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	J	0	0 0
	8	0	0	0		0 0)	0 0) 1	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	J	0	0 0
	9	0	0	0		0 0)	0 0	0 0	35	10	0 0	0	0	0	0	0	0	0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	1	0)	0	0 0
	10	0	0	0		0 0)	0 0	0 0	1	45	2 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1)	0	0 0
	11	4	0	0		0 0)	0 0	0 0	0	2	39 1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0)	0	0 0
	12	0	0	0		0 0)	0 0) 1	0	1	3 26	5	2	1	0	1	4	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0)	0	0 0
	13	0	0	0		0 0)	0 0	0 0	0	0	0 0	44	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0)	0	0 0
	14	0	0	0		0 0)	0 0) 1	0	0	0 3	6	35	0	0	0	0	0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0	1)	0	0 0
	15	0	0	0		0 0)	0 0	0 0	0	0	0 0	0	0	32	0	7	4	1	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0)	0	0 0
	16	0	0	0		0 0)	0 0	0 0	0	0	0 0	0	0	0	44	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0)	6	0 0
	17	0	0	0		0 0)	0 0	0 0	0	0	0 0	0	1	9	0	19	2	5	11	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0)	0	0 0
	18	0	0	0		0 0)		0 0	0	0	0 5	1	1	5	0	2	29	1	5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0)	0	0 0
	19	0	0	0)		0 0	0	0	0 1	0	0	3	0	9	0	26	/	0	0	0	0	0	0	0	0	3	0	0	0	0	0	1)	0	0 0
	20	0	0	0)			0	0	0 1	0	0	9	0	9	3	5	21	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	2	0	0 0
	21	0	0	0			/			0	0	0 0	0	0	0	0	0	0	0	0	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	<u>/</u>	0	0 0
	22	0	0	0						0	1	0 0	0	0	0	0	0	0	1	0	0	41	5 42	0	0	0	0	0	0	0	0	0	0	0	0	<u>/</u>	0	1 2
	23	0	0	0			,			0	0	0 0	0	0	0	0	0	0	0	0	0	0	43	22	12	0	0	0	0	0	0	0	0	1	0	<u>/</u>	0	0 0
	24	0	0	0			<u>,</u>) 4) 0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	32	13	0	0	0	0	0	0	0	0	0	0	2	0	0 0
	26	0	0	0						0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	4/	8	0	0	0	1	2	0	0	0	1	2	0	0 0
	27	0	0	0						0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	5	1	0	0	0	0	0	1	1	2	0	1 0
	28	0	0	0						0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	3	0	0	0	0	0	2	0	0 0
	29	0	0	0		0 0			0	0	2	0 1	0	0	1	0	0	0	0	0	0	0	0	0	0	1	0	0	5	0	0	0	0	0	2	5	0	0 0
	30	0	0	0		0 0)	0 0) 0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	2	0	5	0	0 0
	31	0	0	0		0 0)	0 0) 0	0	0	0 0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	4	0	0	2	0	່ງ	0	0 0
	32	0	0	0		0 0)	0 0	0 0	0	0	0 0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	0	0	0	ງ	0	0 0
	33	0	0	0		0 0)	0 0) 0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	i T	1	0 0
	34	0	0	0		0 0)	0 0) 0	0	1	0 0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	1	2	0	0	7	1	5	0	0 0
	35	0	0	0		0 0)	0 0) 0	0	0	0 0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	1	0	0	0	0	0	0	0	9)	0	0 0
	36	0	0	0		0 0)	0 0	0 0	1	0	0 0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	1	0	1	0	0	Ĵ	0	0 0
	37	0	0	0		0 0)	0 0) 0	0	0	0 0	1	0	0	2	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	2	0	0)	5	0 0
	38	0	0	0		1 0)	0 0	0 0	0	0	0 0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0)	0	7 1
	39	0	0	0		0 0)	0 0	0 0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	J	0	1 5

Classification Results for Predicted Group Membership – Original Count

																			Pr	edicted	Group	Membe	rship																	
Site		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39
Cross-	1	0	0	0) (0 0	C	0	0	(0 .	1 0	0	0	0	0) (C	0 0	0	0	0	0	0) ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
validated	2	0	0	0) () 1	C	0	0	(0 (0 0	0	0	0	0) (C	0 0	0 0	0	0	0	0) ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Count	3	0	0	0) () 1	C	0	1	(0 (0 0	0	0	0	0) (C	0 0	0	0	0	0	0) ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
(b+c)	4	0	0	0	9	3 0	C	0	0	(0 (0 0	0	0	0	0) (C	0 0	0 0	0	0	0	0) ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	5	0	0	0) (0 0	1	0	0	(0 (0 0	0	0	0	0) (C	0 0	0	0	0	0	0) ()	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	6	0	0	0) 1	1	C	0	0	(0 (0 0	0	0	0	0) ()	0 0	0 0	0	0	0	0) 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	7	0	0	0) (0 0	C	0	0	(0 (0 (0	0	C	0) ()	0 0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
	8	0	0	0	1	0	C	0	0	(0 (0 0	0	0	C	0) (C	0 0	0 0	0	0	0	0) 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	9	0	0	0) (0 0	C	0	0	3	5 10	0 0	0	0	C	0) (C	0 0	0 0	0	0	0	1	0	1	1	1	0	0	0	0	0	0	1	0	0	0	0	0
	10	0	0	0	0 (0 0	C	0	0	1	2 4	1 2	0	0	0	0) ()	0 0	0 0	0	0	0	0	0 0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0
	11	4	0	0	0 (0 0	C	0	0	(0 3	3 38	1	0	0	0) ()	1 1	0	0	0	0	0	0 0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0
	12	0	0	0) (0 0	C	0	1	(0 .	1 3	25	5	3	1	()	1 4	0	2	0	0	0	0 0	0	0	0	0	0	0	0	2	0	1	0	0	0	0	0
	13	0	0	0	0 (0 0	C	0	0	(0 (0 (0	43	7	0) ()	0 0	0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	14	0	0	0	0 (0 0	C	0	1	(0 (0 (4	8	32	0) ()	0 0	0 0	0	0	0	0	0 0	0	0	2	0	1	0	0	0	0	0	1	0	0	0	0
	15	0	0	0	0 (0 0	C	0	0	(0 (0 (0	0	C	29) ()	7 5	i 3	6	0	0	0	0 0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	16	0	0	0) (0 (C	0	0	(0 (0 (0	0	C	0) 44	4	0 0	0 0	0	0	0	0	0 0	0	0	0	0	0	0	0	0	1	0	0	0	5	0	0
	17	0	0	0	(0 (C	0	0	(0 (0 (0	0	1	9	9 () 1	7 2	6	12	0	0	0	0 0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0
	18	0	0	0) (0 (C	0	0	(0 (0 (5	1	1	5	i (C	2 27	' 1	7	0	0	0	0 0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
	19	0	0	0	0 (0 0	C	0	0	(0 (0 0	1	0	C	4	1 (2	8 (26	7	0	0	0	0 0	0	0	0	0	3	0	0	0	0	0	1	0	0	0	0
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	25	0	0	0			(0	0	(0 0	0	0	()		0 0	0	0	0	0) 3	47	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	26	0	0	0		0	(0	0	(0 0	0	0	0)	0 0		0	0	0	0		0	1	0	0	0	1	3	0	0	0	1	0	0	0	0
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	28	0	0	0			U		0				0	0	U			7			0	0	0	0		0	0	0	5	0	3	0	0	0	0	0	0	0	0	0
	29	0	0	0			0		0				0	0				2			0		0			0	0		1	4	0	0	0	0	0	2	0	0	- 1	0
	21	0	0	0			0						1	1	1			2			0		0				0	0	2	0	2	2	0	0	2	0	0	0		0
	22	0	0	0			0						0		1			2			0		0	0		0	0	0	2	0	0	2	7	0	0	0	0	0	0	0
	32	0	0	0			0						0	0	0			ן 1			0	0	0	0		0	0	0	0	0	0	0	0	7	0	0	1	2	0	0
	33	0	0	0			0						0	0	0			1			0	0	0			2	1	1	0	0	1	2	0	0	5	1	0	2	0	0
	34	0	0	0			0	0	0				0	0	0			2			0	0	1	0		2	1	1	0	0	0	2	0	0	5 1	7	0	0	0	0
	35	0	0	0			0						0	0							0	2				0	0		0	0	0	1	0	2	0	/	8	0	0	0
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	38	0	0	0			0	0	0				0	0	0			2	0 0		1	0	0	1		0	0	1	1	0	0	0	0	0	0	0	0	- 0	5	2
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Classification Results for Predicted Group Membership (cont.) - Cross Validated Count

a. 69.0% of original grouped cases correctly classified.

b. Cross validation is done only for those cases in the analysis. In cross validation, each case is classified by the functions derived from all cases other than that case.

c. 64.0% of cross-validated grouped cases correctly classified.

Groups in Classification Results for Predicted Group Membership

- 1 Trigon, Wareham Clay
- 2 Wimborne Minster Clay
- 3 Horton Clay
- 4 Verwood Clay
- 5 Old Claygrounds, Crendell Clay
- 6 Crendell Common Clay
- 7 Petersfinger Clay
- 8 Farley Clay
- 9 Wareham (Coarseware)
- 10 Wareham (Fineware)
- 11 East Holme (Whiteware)
- 12 East Holme (Redware)
- 13 Horton (HOR2)
- 14 Horton (HOR1)
- 15 Verwood (VER3)
- 16 East Worth (VER2)
- 17 Harbridge (HAR1)
- 18 Edmondsham (EDM1)
- 19 Alderholt (ALD3)
- 20 Crendell (ALD3)
- 21 Southampton (SOU105)
- 22 Laverstock (Laverstock Coarseware)
- 23 Laverstock (Fineware)
- 24 Hermitage
- 25 Holnest
- 26 Poole Unprovenanced
- 27 Christchurch Unprovenanced
- 28 Dorchester Unprovenanced
- 29 Stratton Unprovenanced
- 30 Lymington Unprovenanced
- 31 Wimborne Minster Unprovenanced
- 32 Horton Unprovenanced
- 33 East Worth Unprovenanced
- 34 Southampton Unprovenanced
- 35 Fordingbridge Unprovenanced
- 36 Shaftesbury Unprovenanced
- 37 Gillingham Unprovenanced
- 38 Salisbury Unprovenanced
- 39 Wilton Unprovenanced

Ancillary Tables from DFA 3

Eiger	iva	lues

Function	Eigenvalue	% of Variance	Cumulative %	Canonical Correlation
1	3.992	35.4	35.4	0.894
2	3.08	27.3	62.6	0.869
3	1.796	15.9	78.5	0.801
4	0.735	6.5	85.1	0.651
5	0.591	5.2	90.3	0.609
6	0.51	4.5	94.8	0.581
7	0.261	2.3	97.1	0.455
8	0.137	1.2	98.3	0.347
9	0.09	0.8	99.1	0.287
10	0.049	0.4	99.6	0.216
11	0.043	0.4	99.9	0.204
12	0.004	0.0	100.0	0.063
13	0.002	0.0	100.0	0.047
14	0	0.0	100.0	0.010

a. First 14 canonical discriminant functions were used in the analysis.

Wilks' Lambda

Test of Function(s)	Wilks' Lambda	Chi-square	df	Sig.
1 through 14	0.00	5829.0	196.0	<0.001
2 through 14	0.01	4270.2	169.0	<0.001
3 through 14	0.05	2906.9	144.0	<0.001
4 through 14	0.14	1910.1	121.0	<0.001
5 through 14	0.24	1375.7	100.0	<0.001
6 through 14	0.38	925.7	81.0	<0.001
7 through 14	0.58	526.0	64.0	<0.001
8 through 14	0.73	301.2	49.0	<0.001
9 through 14	0.83	177.0	36.0	<0.001
10 through 14	0.91	93.7	25.0	<0.001
11 through 14	0.95	47.4	16.0	<0.001
12 through 14	0.99	6.1	9.0	0.7
13 through 14	1.00	2.3	4.0	0.684
14	1.00	0.1	1.0	0.758

Variables Used in the Analysis

Step	Variable	Tolerance	F to	Wilks'
4	Cal G10	1.0	Remove	Lambda
1		1.0	174.0	0 222
2	Eal G10	1.0	102.9	0.323
2	Cal G10	1.0	162.2	0.285
3	Eal G10	1.0	102.2	0.144
	KLG10	1.0	95.2	0.125
4	Cal G10	1.0	153.0	0.090
4	Eal G10	0.0	111.2	0.001
	KLG10	0.9	85.0	0.005
	7rl G10	1.0	49.9	0.030
5	Cal G10	1.0	154.8	0.040
5	Fel G10	0.9	103.4	0.038
	KLG10	0.0	86.8	0.035
	7rl G10	0.4	45.0	0.005
	Rbl G10	0.0	43.0	0.025
6	Cal G10	0.4	180.4	0.029
U	Fel G10	0.0	103.1	0.000
	KLG10	0.0	85.9	0.024
	Zrl G10	0.1	43.7	0.021
	Rbl G10	0.0	35.8	0.017
	Srl G10	0.7	28.6	0.015
7	CaLG10	0.8	179.1	0.030
-	FeLG10	0.9	103.4	0.021
	KLG10	0.4	85.3	0.019
	ZrLG10	0.7	39.4	0.013
	RbLG10	0.4	36.1	0.013
	SrLG10	0.7	28.7	0.012
	NbLG10	0.6	21.8	0.011
8	CaLG10	0.7	118.9	0.018
	FeLG10	0.9	108.8	0.017
	KLG10	0.4	80.5	0.014
	ZrLG10	0.7	39.2	0.010
	RbLG10	0.4	34.9	0.010
	SrLG10	0.7	25.4	0.009
	NbLG10	0.6	23.5	0.009
	AILG10	0.7	16.8	0.008
9	CaLG10	0.7	118.3	0.013
	FeLG10	0.9	99.1	0.012
	KLG10	0.4	72.4	0.010
	ZrLG10	0.7	37.0	0.007
	RbLG10	0.4	28.4	0.007
	SrLG10	0.7	26.9	0.007
	NbLG10	0.6	23.2	0.007
	AILG10	0.4	37.6	0.008
	SiLG10	0.5	25.1	0.007

Variables Used in the Analysis - Cont.

Step	Variable	Tolerance	F to	Wilks'
10		0.7	Remove	Lambda
10	Eal G10	0.7	70.1	0.011
	Felgio	0.9	79.1	0.009
	71 G10	0.4	22.9	0.008
	Phi G10	0.7	27.2	0.006
	Srl G10	0.4	27.2	0.000
	Nbl G10	0.7	27.9	0.006
		0.0	38.1	0.006
	Sil G10	0.4	26.2	0.006
	Znl G10	0.9	12.3	0.005
11	Cal G10	0.3	118.9	0.000
	Fel G10	0.6	43.8	0.006
	KLG10	0.4	63.9	0.007
	Zrl G10	0.7	33.8	0.005
	RbLG10	0.4	26.8	0.005
	SrLG10	0.7	26.8	0.005
	NbLG10	0.5	21.4	0.005
	AILG10	0.4	35.5	0.005
	SiLG10	0.5	25.7	0.005
	ZnLG10	0.9	11.9	0.004
	CrLG10	0.5	10.2	0.004
12	CaLG10	0.7	116.7	0.008
	FeLG10	0.6	42.7	0.005
	KLG10	0.4	61.7	0.006
	ZrLG10	0.7	32.7	0.005
	RbLG10	0.4	27.1	0.004
	SrLG10	0.7	25.5	0.004
	NbLG10	0.5	21.4	0.004
	AILG10	0.4	33.5	0.005
	SiLG10	0.4	24.7	0.004
	ZnLG10	0.9	12.1	0.004
	CrLG10	0.5	10.4	0.004
	BaLG10	0.8	10.3	0.004
13	CaLG10	0.7	104.7	0.007
	FeLG10	0.6	42.2	0.004
	KLG10	0.4	61.3	0.005
	ZrLG10	0.7	31.3	0.004
	RbLG10	0.4	25.2	0.004
	SrLG10	0.7	25.4	0.004
	NbLG10	0.5	19.2	0.004
	AILG10	0.4	34.4	0.004
	SiLG10	0.4	24.6	0.004
	ZnLG10	0.9	12.3	0.003
	CrLG10	0.5	9.4	0.003
	BaLG10	0.8	10.8	0.003
	VLG10	0.8	9.0	0.003
14	CaLG10	0.7	109.4	0.006
	FeLG10	0.6	41.5	0.004
	KLG10	0.4	60.9	0.005
	ZILG10	0.6	28.3	0.003
	RDLG10	0.3	23.3	0.003
	NILGIO	0.7	20.2	0.003
		0.3	15.9	0.003
	SiLG10	0.3	20.4	0.003
	Zpl G10	0.4	24.5	0.003
	Crl G10	0.9	12.3	0.003
	Bal G10	0.4	11 5	0.003
	VI G10	0.8	9.3	0.003
	12010	0.0	0.0	0.000

							Fund	tion						
	1	2	3	4	5	6	7	8	9	10	11	12	13	14
RbLG10	-0.197	-0.310	0.414	0.205	0.972	0.519	-0.518	-0.135	0.245	-0.281	-0.127	0.431	-0.591	-0.615
NbLG10	0.134	0.070	-0.153	-0.616	0.304	-0.984	0.351	0.420	-0.360	0.092	1.092	-0.498	-0.015	-0.391
SrLG10	0.026	-0.490	0.168	-0.300	-0.255	0.462	0.150	0.486	0.151	0.690	0.073	-0.087	-0.022	0.211
ZrLG10	0.187	-0.329	0.407	0.634	-0.127	0.172	-0.415	0.027	0.367	0.048	0.313	-0.262	0.348	0.440
FeLG10	0.562	0.389	0.395	-0.343	-0.255	0.458	0.003	0.552	-0.234	-0.520	-0.057	0.042	0.070	-0.324
AILG10	-0.688	-0.604	-0.185	-0.005	-0.200	0.380	0.397	-0.122	-0.180	-0.511	0.403	-0.315	0.964	-0.382
SiLG10	0.647	0.374	0.194	0.015	-0.002	-0.377	-0.298	-0.594	0.013	0.594	0.100	0.801	-0.223	-0.129
KLG10	0.202	0.433	-1.153	0.364	-0.630	-0.111	0.137	0.350	-0.186	0.161	-0.079	-0.271	0.513	0.173
CaLG10	-0.656	0.758	0.230	0.305	0.104	0.111	0.206	-0.057	-0.126	-0.012	0.018	0.274	0.321	-0.012
TiLG10	-0.202	0.189	0.230	0.633	-0.299	0.299	0.403	0.464	0.603	-0.172	-1.475	0.782	-0.509	0.077
VLG10	0.102	-0.088	-0.041	-0.221	0.513	-0.075	-0.157	0.164	-0.236	0.018	-0.122	0.436	0.448	0.632
CrLG10	0.069	0.018	0.008	0.148	0.502	-0.121	0.286	-0.870	-0.125	0.801	-0.055	-0.667	-0.086	0.079
ZnLG10	0.176	0.139	-0.153	-0.186	0.282	-0.006	0.204	-0.230	0.823	-0.229	0.311	0.178	0.033	0.108
BaLG10	0.119	-0.121	0.105	0.383	-0.244	0.032	0.451	-0.283	-0.335	-0.173	0.240	0.357	-0.531	0.331

Structure Matrix

							Fund	tion							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	
FeLG10	.640*	0.260	0.279	-0.018	0.125	0.391	0.295	0.114	-0.189	-0.182	-0.068	-0.153	0.210	-0.188	
CaLG10	-0.523	.650*	0.194	0.114	0.065	0.239	0.030	0.112	-0.034	0.216	0.321	0.109	0.048	0.115	
KLG10	0.269	0.123	651*	0.457	0.174	0.283	0.043	0.268	-0.086	0.178	0.140	0.064	0.060	-0.172	
ZrLG10	0.280	-0.117	0.399	.673 [*]	0.055	-0.182	-0.102	0.232	0.202	0.005	0.190	-0.170	0.293	0.068	
VLG10	VLG10 0.242 -0.181 -0.039 -0.032 .561* -0.061 0.156 0.178 -0.293 -0.041 -0.181 0.296 0.405 0.399 RbLG10 0.093 -0.093 -0.299 0.408 .529' 0.367 -0.084 0.248 -0.084 0.099 0.201 0.160 -0.158 -0.369 NbL G10 0.167 -0.122 0.142 0.307 0.304 -481* 0.395 0.467 0.004 0.108 0.166 0.026 0.095 -0.309														
RbLG10 0.093 -0.299 0.408 .529 0.367 -0.084 0.248 -0.084 0.099 0.201 0.160 -0.158 -0.366 NbLG10 0.167 -0.122 0.142 0.307 0.304 481 0.395 0.467 0.004 0.108 0.166 0.026 0.095 -0.306															
RbLG10 0.093 -0.093 -0.299 0.408 .529 [*] 0.367 -0.084 0.248 -0.084 0.099 0.201 0.160 -0.158 -0.36 NbLG10 0.167 -0.122 0.142 0.307 0.304 481 [*] 0.395 0.467 0.004 0.108 0.166 0.026 0.095 -0.30 CrLG10 0.391 0.036 0.114 0.212 0.428 0.129 .502 [*] -0.202 -0.106 0.220 -0.253 -0.362 0.175 -0.101															
RbLG10 0.093 -0.093 -0.299 0.408 .529 0.367 -0.084 0.248 -0.084 0.099 0.201 0.160 -0.158 -0.366 NbLG10 0.167 -0.122 0.142 0.307 0.304 481 0.395 0.467 0.004 0.108 0.166 0.026 0.095 -0.308 CrLG10 0.391 0.036 0.114 0.212 0.428 0.129 .502 -0.202 -0.106 0.220 -0.362 0.175 -0.108															
TiLG10	0.196	-0.207	0.196	0.350	0.130	-0.355	.493 [*]	0.265	0.171	0.046	-0.385	0.122	0.202	-0.259	
BaLG10	0.132	-0.110	-0.095	0.303	-0.008	0.255	.432*	-0.080	-0.350	-0.185	0.379	0.216	-0.407	0.316	
ZnLG10	0.161	0.215	-0.225	-0.218	0.173	0.243	0.332	-0.159	.678 [*]	-0.178	0.273	0.066	0.003	0.189	
SrLG10	-0.114	-0.106	-0.042	-0.182	-0.065	0.518	0.176	0.328	0.096	.629*	0.285	0.180	-0.102	0.031	
SiLG10	0.320	-0.111	0.109	0.112	-0.173	-0.196	0.011	-0.196	0.008	0.350	0.045	.537*	0.351	-0.467	
AILG10	0.107	-0.435	0.049	0.146	-0.020	-0.024	0.403	-0.151	-0.048	-0.030	-0.045	0.240	.562*	-0.460	
Pooled within-	groups co	orrelations	s betweer	n discrim	inating va	riables a	nd standa	ardized ca	anonical o	discrimina	ant functi	ons			

*. Largest absolute correlation between each variable and any discriminant function

Function at Group Centroid

Eabric							Fund	tion						
Fabric	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Clay Sample	2.389	1.293	0.248	2.389	-2.681	-1.000	-2.026	-0.216	1.604	0.259	-0.084	-0.068	-0.021	-0.014
Unprovenanced	0.250	0.476	-0.104	-0.617	-0.618	0.264	0.276	-0.135	0.004	0.280	-0.005	0.028	0.017	0.004
Dorset Whiteware (DWW)	-2.362	-1.657	-2.127	-0.159	0.130	-0.995	0.203	1.008	-0.007	0.236	-0.251	-0.059	-0.009	-0.007
Laverstock Fineware (LAVF)	-3.415	2.899	0.559	1.727	0.529	-0.754	-0.033	0.256	-0.066	0.066	0.324	0.103	-0.004	0.011
South Hampshire Redware (SHRW)	0.721	3.640	-0.429	0.936	-0.105	0.205	-0.271	0.263	0.069	0.053	0.993	-1.411	0.115	0.206
Southampton Coarse Sandy ware (SOUCSW)	2.167	2.343	-2.168	-0.433	-1.265	0.495	-1.031	-1.104	-1.262	0.506	-1.363	0.117	-1.373	0.066
Southampton Whiteware (SOUWW)	1.225	1.340	-1.239	-0.013	-1.672	-2.432	-0.739	-0.635	-1.121	-0.315	-0.183	-0.018	0.049	-0.002
West Dorset Sandy ware (WDSW)	3.299	2.550	-0.556	-0.237	1.120	-0.441	0.322	0.099	0.394	-0.299	-0.454	0.049	0.025	0.011
Dorset Whiteware - Post-medieval (DWWPM)	-1.861	-2.782	-2.159	1.240	0.341	-0.165	0.881	-0.911	0.240	-0.123	0.001	-0.018	-0.006	-0.001
Laverstock Coarseware (LAVC)	-4.634	3.554	1.266	-0.474	-0.057	0.845	0.051	-0.213	0.007	-0.196	-0.240	-0.089	-0.007	-0.014
Wareham Coarseware (WARC)	-1.391	-0.468	-2.816	-1.421	-0.306	0.721	-0.826	0.163	0.180	-0.409	0.295	0.050	-0.006	0.005
West Dorset Sandy ware - Post- medieval (WDSWPM)	3.726	2.495	-1.056	-0.227	0.867	-0.250	0.349	-0.004	-0.060	0.077	0.453	-0.074	-0.040	-0.018
Verwood-type (Undefined)	0.179	-1.321	0.956	-0.095	0.707	0.021	-0.447	-0.093	-0.063	0.055	-0.017	-0.004	0.003	0.000
Verwood-type (Horton)	1.719	-0.552	0.044	1.352	-0.622	1.138	0.144	0.357	-0.255	-0.152	-0.052	-0.002	0.004	-0.001
Verwood-type (East Worth)	0.109	-1.851	2.992	-0.832	-0.987	-0.998	0.806	0.259	0.242	-0.367	0.196	0.000	-0.034	0.000

Unstandardized canonical discriminant functions evaluated at group means

									Prec	licted Group Me	mbership							
Sampl /	les by F Analysis	abric S	Clay Sample	Un-provenanced	Dorset Whiteware (DWW)	Laverstock Fineware (LAVF)	South Hampshire Redware (SHRW)	Southampton Coarse Sandy ware (SOUCSW)	Southampton Whiteware (SOUWW)	West Dorset Sandy ware (WDSW)	Dorset Whiteware - Post- medieval (DWWPM)	Laverstock Coarseware (LAVC)	Wareham Coarseware (WARC)	West Dorset Sandy ware - Post-medieval (WDSWPM)	Verwood-type (Undefined)	Verwood- type (Horton)	Verwood- type (East Worth)	Total
		1	10	0	1	0	0	0	0	1	C	0	0	C	0	1	0	13
		2	2	89	5	7	2	0	7	4	6	3	8	5	28	17	15	198
		3	0	1	46	0	0	0	0	0	2	0	1	C	0	0	0	50
		4	0	1	1	48	0	0	0	0	C	0	0	0 0	0	0	0	50
		5	0	0	0	0	1	0	0	0	C	0	0	C	0	0	0	1
		6	0	0	0	0	0	1	0	0	C	0	0	C	0	0	0	1
al	ц	7	0	2	0	0	0	0	21	0	C	0	0	C	0	0	0	23
igi	no	8	1	1	0	0	0	0	0	35	C	0	0	13	0	0	0	50
ō	U U	9	0	0	7	0	0	0	0	0	40	0	0	C	3	0	0	50
		10	0	1	0	5	0	0	0	0	C	44	0	C	0	0	0	50
		11	0	1	10	1	0	0	0	0	C	0	37	1	0	0	0	50
		12	0	0	0	0	0	0	0	5	C	0	0	45	0	0	0	50
		13	0	10	0	0	0	0	0	0	C	0	1	1	231	7	0	250
		14	1	4	0	0	0	0	0	0	C	0	0	C	0	94	0	99
		15	0	1	0	0	0	0	0	0	C	0	0	0 0	3	0	46	50

Classification Results – Predicted Group Membership Count

Original Groups Classification Results Numbering:

- 1 Clay Sample
- 2 Unprovenanced
- 3 Dorset Whiteware
- 4 Laverstock Fineware
- 5 South Hampshire Redware (SHRW)
- 6 Southampton Coarse Sandy ware (SOUCSW)
- 7 Southampton Whiteware (SOUWW)
- 8 West Dorset Sandy ware (WDSW)
- 9 Dorset Whiteware Post-medieval (DWWPM)
- 10 Laverstock Coarseware (LAVC)
- 11- Wareham Coarseware (WARC)
- 12 West Dorset Sandy ware Post-medieval (WDSWPM)
- 13 Verwood-type (Undefined)
- 14 Verwood-type (Horton)
- 15 Verwood-type (East Worth)

Data Amended in line with Certified Reference Material

Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K20	*MnO	*TiO ₂	*P205	*As	*Ag	*Ba	*Bi	*Cr	*Cu	*Nb	*Pb	*Rb	*S	*Sr	*V	*Zn *Zr
TRIG 1	Trigon	Clay and Temper	745298.83	302604.73	10068.67	<lod< td=""><td>1855.60</td><td>23986.01</td><td><lod 1<="" td=""><td>13485.84</td><td>663.50</td><td>1.09</td><td><loi< td=""><td>D 359.45</td><td>-4.77</td><td>44.80</td><td>-11.59</td><td>22.31</td><td>39.90</td><td>130.90</td><td>-175.16</td><td>105.53</td><td>124.38</td><td>15.57 368.63</td></loi<></td></lod></td></lod<>	1855.60	23986.01	<lod 1<="" td=""><td>13485.84</td><td>663.50</td><td>1.09</td><td><loi< td=""><td>D 359.45</td><td>-4.77</td><td>44.80</td><td>-11.59</td><td>22.31</td><td>39.90</td><td>130.90</td><td>-175.16</td><td>105.53</td><td>124.38</td><td>15.57 368.63</td></loi<></td></lod>	13485.84	663.50	1.09	<loi< td=""><td>D 359.45</td><td>-4.77</td><td>44.80</td><td>-11.59</td><td>22.31</td><td>39.90</td><td>130.90</td><td>-175.16</td><td>105.53</td><td>124.38</td><td>15.57 368.63</td></loi<>	D 359.45	-4.77	44.80	-11.59	22.31	39.90	130.90	-175.16	105.53	124.38	15.57 368.63
TRIG 2	Trigon	Clay and Temper	729051.08	303187.47	9005.82	<lod< td=""><td>1830.89</td><td>23002.71</td><td><lod 1<="" td=""><td>13103.10</td><td>921.40</td><td>1.71</td><td><loi< td=""><td>D 360.61</td><td>-8.26</td><td>51.42</td><td>-19.34</td><td>20.14</td><td>37.16</td><td>123.65</td><td>-106.39</td><td>100.27</td><td>111.90</td><td>15.43 248.19</td></loi<></td></lod></td></lod<>	1830.89	23002.71	<lod 1<="" td=""><td>13103.10</td><td>921.40</td><td>1.71</td><td><loi< td=""><td>D 360.61</td><td>-8.26</td><td>51.42</td><td>-19.34</td><td>20.14</td><td>37.16</td><td>123.65</td><td>-106.39</td><td>100.27</td><td>111.90</td><td>15.43 248.19</td></loi<></td></lod>	13103.10	921.40	1.71	<loi< td=""><td>D 360.61</td><td>-8.26</td><td>51.42</td><td>-19.34</td><td>20.14</td><td>37.16</td><td>123.65</td><td>-106.39</td><td>100.27</td><td>111.90</td><td>15.43 248.19</td></loi<>	D 360.61	-8.26	51.42	-19.34	20.14	37.16	123.65	-106.39	100.27	111.90	15.43 248.19
TRIG_3	Trigon	Clay and Temper	729312.22	307436.59	7963.47	<lod< td=""><td>1846.87</td><td>22796.91</td><td><lod 1<="" td=""><td>12403.87</td><td>722.64</td><td><lod< td=""><td><loi< td=""><td>D 300.38</td><td>-15.05</td><td>36.64</td><td>-10.20</td><td>16.64</td><td>31.78</td><td>100.30</td><td>-144.34</td><td>80.22</td><td>93.52</td><td>19.48 245.87</td></loi<></td></lod<></td></lod></td></lod<>	1846.87	22796.91	<lod 1<="" td=""><td>12403.87</td><td>722.64</td><td><lod< td=""><td><loi< td=""><td>D 300.38</td><td>-15.05</td><td>36.64</td><td>-10.20</td><td>16.64</td><td>31.78</td><td>100.30</td><td>-144.34</td><td>80.22</td><td>93.52</td><td>19.48 245.87</td></loi<></td></lod<></td></lod>	12403.87	722.64	<lod< td=""><td><loi< td=""><td>D 300.38</td><td>-15.05</td><td>36.64</td><td>-10.20</td><td>16.64</td><td>31.78</td><td>100.30</td><td>-144.34</td><td>80.22</td><td>93.52</td><td>19.48 245.87</td></loi<></td></lod<>	<loi< td=""><td>D 300.38</td><td>-15.05</td><td>36.64</td><td>-10.20</td><td>16.64</td><td>31.78</td><td>100.30</td><td>-144.34</td><td>80.22</td><td>93.52</td><td>19.48 245.87</td></loi<>	D 300.38	-15.05	36.64	-10.20	16.64	31.78	100.30	-144.34	80.22	93.52	19.48 245.87
TRIG 4	Trigon	Clay and Temper	754302.36	288913.67	8162.76	<lod< td=""><td>1859.75</td><td>22336.98</td><td><lod 1<="" td=""><td>12724.06</td><td>758.27</td><td><lod< td=""><td><loi< td=""><td>D 331.19</td><td>-12.34</td><td>43.58</td><td>-19.19</td><td>18.37</td><td>33.95</td><td>103.19</td><td>-251.29</td><td>85.52</td><td>106.72</td><td>17.07 241.56</td></loi<></td></lod<></td></lod></td></lod<>	1859.75	22336.98	<lod 1<="" td=""><td>12724.06</td><td>758.27</td><td><lod< td=""><td><loi< td=""><td>D 331.19</td><td>-12.34</td><td>43.58</td><td>-19.19</td><td>18.37</td><td>33.95</td><td>103.19</td><td>-251.29</td><td>85.52</td><td>106.72</td><td>17.07 241.56</td></loi<></td></lod<></td></lod>	12724.06	758.27	<lod< td=""><td><loi< td=""><td>D 331.19</td><td>-12.34</td><td>43.58</td><td>-19.19</td><td>18.37</td><td>33.95</td><td>103.19</td><td>-251.29</td><td>85.52</td><td>106.72</td><td>17.07 241.56</td></loi<></td></lod<>	<loi< td=""><td>D 331.19</td><td>-12.34</td><td>43.58</td><td>-19.19</td><td>18.37</td><td>33.95</td><td>103.19</td><td>-251.29</td><td>85.52</td><td>106.72</td><td>17.07 241.56</td></loi<>	D 331.19	-12.34	43.58	-19.19	18.37	33.95	103.19	-251.29	85.52	106.72	17.07 241.56
TRIG_5	Trigon	Clay and Temper	733723.42	297998.32	8145.01	<lod< td=""><td>1929.49</td><td>23064.59</td><td><lod 1<="" td=""><td>12665.99</td><td>774.50</td><td><lod< td=""><td><loi< td=""><td>D 290.77</td><td>-14.14</td><td>44.09</td><td>-17.26</td><td>14.51</td><td>30.47</td><td>95.55</td><td>-200.16</td><td>77.23</td><td>94.93</td><td>17.66 245.25</td></loi<></td></lod<></td></lod></td></lod<>	1929.49	23064.59	<lod 1<="" td=""><td>12665.99</td><td>774.50</td><td><lod< td=""><td><loi< td=""><td>D 290.77</td><td>-14.14</td><td>44.09</td><td>-17.26</td><td>14.51</td><td>30.47</td><td>95.55</td><td>-200.16</td><td>77.23</td><td>94.93</td><td>17.66 245.25</td></loi<></td></lod<></td></lod>	12665.99	774.50	<lod< td=""><td><loi< td=""><td>D 290.77</td><td>-14.14</td><td>44.09</td><td>-17.26</td><td>14.51</td><td>30.47</td><td>95.55</td><td>-200.16</td><td>77.23</td><td>94.93</td><td>17.66 245.25</td></loi<></td></lod<>	<loi< td=""><td>D 290.77</td><td>-14.14</td><td>44.09</td><td>-17.26</td><td>14.51</td><td>30.47</td><td>95.55</td><td>-200.16</td><td>77.23</td><td>94.93</td><td>17.66 245.25</td></loi<>	D 290.77	-14.14	44.09	-17.26	14.51	30.47	95.55	-200.16	77.23	94.93	17.66 245.25
TRIG_6	Trigon	Clay and Temper	765336.20	296087.95	6560.62	<lod< td=""><td>2017.56</td><td>20369.12</td><td><lod 1<="" td=""><td>11910.27</td><td>717.58</td><td><lod< td=""><td><loi< td=""><td>D 271.92</td><td>-17.16</td><td>20.50</td><td>-18.04</td><td>10.64</td><td>24.81</td><td>78.17</td><td>-178.44</td><td>61.39</td><td>71.44</td><td>11.37 231.74</td></loi<></td></lod<></td></lod></td></lod<>	2017.56	20369.12	<lod 1<="" td=""><td>11910.27</td><td>717.58</td><td><lod< td=""><td><loi< td=""><td>D 271.92</td><td>-17.16</td><td>20.50</td><td>-18.04</td><td>10.64</td><td>24.81</td><td>78.17</td><td>-178.44</td><td>61.39</td><td>71.44</td><td>11.37 231.74</td></loi<></td></lod<></td></lod>	11910.27	717.58	<lod< td=""><td><loi< td=""><td>D 271.92</td><td>-17.16</td><td>20.50</td><td>-18.04</td><td>10.64</td><td>24.81</td><td>78.17</td><td>-178.44</td><td>61.39</td><td>71.44</td><td>11.37 231.74</td></loi<></td></lod<>	<loi< td=""><td>D 271.92</td><td>-17.16</td><td>20.50</td><td>-18.04</td><td>10.64</td><td>24.81</td><td>78.17</td><td>-178.44</td><td>61.39</td><td>71.44</td><td>11.37 231.74</td></loi<>	D 271.92	-17.16	20.50	-18.04	10.64	24.81	78.17	-178.44	61.39	71.44	11.37 231.74
	Old Claygrounds,		700 407 00								1.00													40.05.000.00
OCG_LC	London Clay	Clay	728427.86	144570.81	22621.08	<lod< td=""><td>7836.97</td><td>22496.34</td><td>330.66</td><td>8740.12</td><td><lod< td=""><td>-13.93</td><td>-32.9</td><td>0 218.70</td><td>-13.48</td><td>24.38</td><td><lod< td=""><td>12.16</td><td>22.81</td><td>119.65</td><td><lod< td=""><td>56.29</td><td>9.39</td><td>40.65 363.86</td></lod<></td></lod<></td></lod<></td></lod<>	7836.97	22496.34	330.66	8740.12	<lod< td=""><td>-13.93</td><td>-32.9</td><td>0 218.70</td><td>-13.48</td><td>24.38</td><td><lod< td=""><td>12.16</td><td>22.81</td><td>119.65</td><td><lod< td=""><td>56.29</td><td>9.39</td><td>40.65 363.86</td></lod<></td></lod<></td></lod<>	-13.93	-32.9	0 218.70	-13.48	24.38	<lod< td=""><td>12.16</td><td>22.81</td><td>119.65</td><td><lod< td=""><td>56.29</td><td>9.39</td><td>40.65 363.86</td></lod<></td></lod<>	12.16	22.81	119.65	<lod< td=""><td>56.29</td><td>9.39</td><td>40.65 363.86</td></lod<>	56.29	9.39	40.65 363.86
CR_RC	Crendell Common	Clay	713890.98	144959.56	25927.01	<lod< td=""><td>7830.97</td><td>22322.95</td><td>146.06 1</td><td>10104.17</td><td><lod< td=""><td>-12.34</td><td>-26.7</td><td>5 234.09</td><td>-11.58</td><td>69.28</td><td><lod< td=""><td>13.84</td><td>16.23</td><td>125.21</td><td><lod< td=""><td>57.62</td><td>19.02</td><td>105.36 521.85</td></lod<></td></lod<></td></lod<></td></lod<>	7830.97	22322.95	146.06 1	10104.17	<lod< td=""><td>-12.34</td><td>-26.7</td><td>5 234.09</td><td>-11.58</td><td>69.28</td><td><lod< td=""><td>13.84</td><td>16.23</td><td>125.21</td><td><lod< td=""><td>57.62</td><td>19.02</td><td>105.36 521.85</td></lod<></td></lod<></td></lod<>	-12.34	-26.7	5 234.09	-11.58	69.28	<lod< td=""><td>13.84</td><td>16.23</td><td>125.21</td><td><lod< td=""><td>57.62</td><td>19.02</td><td>105.36 521.85</td></lod<></td></lod<>	13.84	16.23	125.21	<lod< td=""><td>57.62</td><td>19.02</td><td>105.36 521.85</td></lod<>	57.62	19.02	105.36 521.85
CR_LC	Crendell, London Clay	Clay	705588.18	138629.41	28197.02	<lod< td=""><td>7738.35</td><td>19677.80</td><td>513.84</td><td>7461.45</td><td>5468.62</td><td>-12.94</td><td>-10.3</td><td>2 151.04</td><td>-14.95</td><td>18.22</td><td><lod< td=""><td>5.87</td><td>56.24</td><td>104.69</td><td><lod< td=""><td>43.62</td><td>-17.06</td><td>108.06 226.87</td></lod<></td></lod<></td></lod<>	7738.35	19677.80	513.84	7461.45	5468.62	-12.94	-10.3	2 151.04	-14.95	18.22	<lod< td=""><td>5.87</td><td>56.24</td><td>104.69</td><td><lod< td=""><td>43.62</td><td>-17.06</td><td>108.06 226.87</td></lod<></td></lod<>	5.87	56.24	104.69	<lod< td=""><td>43.62</td><td>-17.06</td><td>108.06 226.87</td></lod<>	43.62	-17.06	108.06 226.87
EWC	East Worth	Clay	2496.42	3640.78	244.91	<lod< td=""><td>27597.20</td><td>280.71</td><td><lod< td=""><td>9837.19</td><td>171.92</td><td>11.21</td><td><loi< td=""><td>D 558.56</td><td>-15.14</td><td>59.59</td><td>22.21</td><td>1.49</td><td>27.42</td><td>172.77</td><td>16596.64</td><td>2.71</td><td>90.54</td><td>199.13 3.32</td></loi<></td></lod<></td></lod<>	27597.20	280.71	<lod< td=""><td>9837.19</td><td>171.92</td><td>11.21</td><td><loi< td=""><td>D 558.56</td><td>-15.14</td><td>59.59</td><td>22.21</td><td>1.49</td><td>27.42</td><td>172.77</td><td>16596.64</td><td>2.71</td><td>90.54</td><td>199.13 3.32</td></loi<></td></lod<>	9837.19	171.92	11.21	<loi< td=""><td>D 558.56</td><td>-15.14</td><td>59.59</td><td>22.21</td><td>1.49</td><td>27.42</td><td>172.77</td><td>16596.64</td><td>2.71</td><td>90.54</td><td>199.13 3.32</td></loi<>	D 558.56	-15.14	59.59	22.21	1.49	27.42	172.77	16596.64	2.71	90.54	199.13 3.32
F_LC	Farley, London clay	Clay	671221.22	142197.47	61566.33	<lod< td=""><td>#VALUE!</td><td>27093.01</td><td>170.22</td><td>8527.92</td><td><lod< td=""><td>-2.43</td><td>7.0</td><td>8 360.03</td><td>-12.45</td><td>114.67</td><td><lod< td=""><td>11.27</td><td>16.90</td><td>126.39</td><td><lod< td=""><td>68.90</td><td>58.98</td><td>92.32 441.63</td></lod<></td></lod<></td></lod<></td></lod<>	#VALUE!	27093.01	170.22	8527.92	<lod< td=""><td>-2.43</td><td>7.0</td><td>8 360.03</td><td>-12.45</td><td>114.67</td><td><lod< td=""><td>11.27</td><td>16.90</td><td>126.39</td><td><lod< td=""><td>68.90</td><td>58.98</td><td>92.32 441.63</td></lod<></td></lod<></td></lod<>	-2.43	7.0	8 360.03	-12.45	114.67	<lod< td=""><td>11.27</td><td>16.90</td><td>126.39</td><td><lod< td=""><td>68.90</td><td>58.98</td><td>92.32 441.63</td></lod<></td></lod<>	11.27	16.90	126.39	<lod< td=""><td>68.90</td><td>58.98</td><td>92.32 441.63</td></lod<>	68.90	58.98	92.32 441.63
F_RC	Farley	Clay	679168.24	159751.83	60938.18	<lod< td=""><td>12242.25</td><td>23197.45</td><td>198.61 1</td><td>10265.05</td><td><lod< td=""><td>-7.58</td><td>-8.6</td><td>0 271.23</td><td>-5.40</td><td>158.84</td><td><lod< td=""><td>20.61</td><td>38.60</td><td>140.46</td><td><lod< td=""><td>91.47</td><td>125.27</td><td>104.18 330.97</td></lod<></td></lod<></td></lod<></td></lod<>	12242.25	23197.45	198.61 1	10265.05	<lod< td=""><td>-7.58</td><td>-8.6</td><td>0 271.23</td><td>-5.40</td><td>158.84</td><td><lod< td=""><td>20.61</td><td>38.60</td><td>140.46</td><td><lod< td=""><td>91.47</td><td>125.27</td><td>104.18 330.97</td></lod<></td></lod<></td></lod<>	-7.58	-8.6	0 271.23	-5.40	158.84	<lod< td=""><td>20.61</td><td>38.60</td><td>140.46</td><td><lod< td=""><td>91.47</td><td>125.27</td><td>104.18 330.97</td></lod<></td></lod<>	20.61	38.60	140.46	<lod< td=""><td>91.47</td><td>125.27</td><td>104.18 330.97</td></lod<>	91.47	125.27	104.18 330.97
H_LC	Horton, London clay	Clay	746084.86	140720.14	22665.93	<lod< td=""><td>7736.25</td><td>22310.98</td><td>300.32</td><td>7879.85</td><td>5715.79</td><td>-12.48</td><td>-14.3</td><td>1 280.29</td><td>-13.65</td><td>10.25</td><td><lod< td=""><td>9.91</td><td>33.50</td><td>116.79</td><td><lod< td=""><td>54.15</td><td>-12.57</td><td>63.29 368.06</td></lod<></td></lod<></td></lod<>	7736.25	22310.98	300.32	7879.85	5715.79	-12.48	-14.3	1 280.29	-13.65	10.25	<lod< td=""><td>9.91</td><td>33.50</td><td>116.79</td><td><lod< td=""><td>54.15</td><td>-12.57</td><td>63.29 368.06</td></lod<></td></lod<>	9.91	33.50	116.79	<lod< td=""><td>54.15</td><td>-12.57</td><td>63.29 368.06</td></lod<>	54.15	-12.57	63.29 368.06
H_RC	Horton	Clay	657815.87	154574.57	50561.09	<lod< td=""><td>7612.21</td><td>26835.79</td><td><lod< td=""><td>9503.30</td><td>10782.27</td><td>-4.62</td><td>6.0</td><td>7 420.81</td><td>-7.12</td><td>124.38</td><td><lod< td=""><td>15.99</td><td>26.36</td><td>142.99</td><td><lod< td=""><td>83.59</td><td>81.62</td><td>84.45 320.87</td></lod<></td></lod<></td></lod<></td></lod<>	7612.21	26835.79	<lod< td=""><td>9503.30</td><td>10782.27</td><td>-4.62</td><td>6.0</td><td>7 420.81</td><td>-7.12</td><td>124.38</td><td><lod< td=""><td>15.99</td><td>26.36</td><td>142.99</td><td><lod< td=""><td>83.59</td><td>81.62</td><td>84.45 320.87</td></lod<></td></lod<></td></lod<>	9503.30	10782.27	-4.62	6.0	7 420.81	-7.12	124.38	<lod< td=""><td>15.99</td><td>26.36</td><td>142.99</td><td><lod< td=""><td>83.59</td><td>81.62</td><td>84.45 320.87</td></lod<></td></lod<>	15.99	26.36	142.99	<lod< td=""><td>83.59</td><td>81.62</td><td>84.45 320.87</td></lod<>	83.59	81.62	84.45 320.87
PFR	Petersfinger	Clay	863269.97	168923.19	31056.17	<lod< td=""><td>15539.72</td><td>17859.97</td><td>266.34</td><td>9001.11</td><td>8367.76</td><td>-1.84</td><td><loi< td=""><td>D 386.83</td><td>-20.79</td><td>49.69</td><td>-16.91</td><td>15.61</td><td>20.05</td><td>63.05</td><td>1378.96</td><td>78.89</td><td>60.11</td><td>81.52 553.90</td></loi<></td></lod<>	15539.72	17859.97	266.34	9001.11	8367.76	-1.84	<loi< td=""><td>D 386.83</td><td>-20.79</td><td>49.69</td><td>-16.91</td><td>15.61</td><td>20.05</td><td>63.05</td><td>1378.96</td><td>78.89</td><td>60.11</td><td>81.52 553.90</td></loi<>	D 386.83	-20.79	49.69	-16.91	15.61	20.05	63.05	1378.96	78.89	60.11	81.52 553.90
TRIG_0	Trigon	Clay	730866.22	322128.39	11309.52	<lod< td=""><td>2113.00</td><td>25822.82</td><td><lod 1<="" td=""><td>14703.56</td><td>685.13</td><td><lod< td=""><td><loi< td=""><td>D 400.47</td><td>-3.28</td><td>56.29</td><td>-11.19</td><td>24.79</td><td>48.35</td><td>147.34</td><td>-118.55</td><td>124.25</td><td>134.95</td><td>22.03 262.88</td></loi<></td></lod<></td></lod></td></lod<>	2113.00	25822.82	<lod 1<="" td=""><td>14703.56</td><td>685.13</td><td><lod< td=""><td><loi< td=""><td>D 400.47</td><td>-3.28</td><td>56.29</td><td>-11.19</td><td>24.79</td><td>48.35</td><td>147.34</td><td>-118.55</td><td>124.25</td><td>134.95</td><td>22.03 262.88</td></loi<></td></lod<></td></lod>	14703.56	685.13	<lod< td=""><td><loi< td=""><td>D 400.47</td><td>-3.28</td><td>56.29</td><td>-11.19</td><td>24.79</td><td>48.35</td><td>147.34</td><td>-118.55</td><td>124.25</td><td>134.95</td><td>22.03 262.88</td></loi<></td></lod<>	<loi< td=""><td>D 400.47</td><td>-3.28</td><td>56.29</td><td>-11.19</td><td>24.79</td><td>48.35</td><td>147.34</td><td>-118.55</td><td>124.25</td><td>134.95</td><td>22.03 262.88</td></loi<>	D 400.47	-3.28	56.29	-11.19	24.79	48.35	147.34	-118.55	124.25	134.95	22.03 262.88
VER_A	Verw ood	Clay	701557.72	151987.85	36599.10	<lod< td=""><td>7291.80</td><td>25481.85</td><td>119.58</td><td>9562.60</td><td><lod< td=""><td>-9.51</td><td>-13.9</td><td>2 334.11</td><td>-7.75</td><td>99.24</td><td><lod< td=""><td>15.30</td><td>30.84</td><td>138.39</td><td><lod< td=""><td>70.72</td><td>73.36</td><td>43.46 382.97</td></lod<></td></lod<></td></lod<></td></lod<>	7291.80	25481.85	119.58	9562.60	<lod< td=""><td>-9.51</td><td>-13.9</td><td>2 334.11</td><td>-7.75</td><td>99.24</td><td><lod< td=""><td>15.30</td><td>30.84</td><td>138.39</td><td><lod< td=""><td>70.72</td><td>73.36</td><td>43.46 382.97</td></lod<></td></lod<></td></lod<>	-9.51	-13.9	2 334.11	-7.75	99.24	<lod< td=""><td>15.30</td><td>30.84</td><td>138.39</td><td><lod< td=""><td>70.72</td><td>73.36</td><td>43.46 382.97</td></lod<></td></lod<>	15.30	30.84	138.39	<lod< td=""><td>70.72</td><td>73.36</td><td>43.46 382.97</td></lod<>	70.72	73.36	43.46 382.97
VER_B	Verw ood	Clay	688466.81	152561.56	40715.47	<lod< td=""><td>7900.91</td><td>23514.06</td><td>106.63</td><td>9274.63</td><td><lod< td=""><td>-11.58</td><td>-17.2</td><td>8 293.65</td><td>-12.81</td><td>70.24</td><td><lod< td=""><td>13.36</td><td>29.76</td><td>131.25</td><td><lod< td=""><td>66.31</td><td>56.64</td><td>34.15 425.83</td></lod<></td></lod<></td></lod<></td></lod<>	7900.91	23514.06	106.63	9274.63	<lod< td=""><td>-11.58</td><td>-17.2</td><td>8 293.65</td><td>-12.81</td><td>70.24</td><td><lod< td=""><td>13.36</td><td>29.76</td><td>131.25</td><td><lod< td=""><td>66.31</td><td>56.64</td><td>34.15 425.83</td></lod<></td></lod<></td></lod<>	-11.58	-17.2	8 293.65	-12.81	70.24	<lod< td=""><td>13.36</td><td>29.76</td><td>131.25</td><td><lod< td=""><td>66.31</td><td>56.64</td><td>34.15 425.83</td></lod<></td></lod<>	13.36	29.76	131.25	<lod< td=""><td>66.31</td><td>56.64</td><td>34.15 425.83</td></lod<>	66.31	56.64	34.15 425.83
VER_C	Verw ood	Clay	699851.89	153518.21	32688.28	<lod< td=""><td>7934.14</td><td>25020.11</td><td>113.47</td><td>9351.98</td><td><lod< td=""><td>-13.81</td><td>-11.5</td><td>6 306.51</td><td>-12.48</td><td>72.24</td><td><lod< td=""><td>14.53</td><td>25.52</td><td>128.14</td><td><lod< td=""><td>65.21</td><td>67.03</td><td>33.94 419.00</td></lod<></td></lod<></td></lod<></td></lod<>	7934.14	25020.11	113.47	9351.98	<lod< td=""><td>-13.81</td><td>-11.5</td><td>6 306.51</td><td>-12.48</td><td>72.24</td><td><lod< td=""><td>14.53</td><td>25.52</td><td>128.14</td><td><lod< td=""><td>65.21</td><td>67.03</td><td>33.94 419.00</td></lod<></td></lod<></td></lod<>	-13.81	-11.5	6 306.51	-12.48	72.24	<lod< td=""><td>14.53</td><td>25.52</td><td>128.14</td><td><lod< td=""><td>65.21</td><td>67.03</td><td>33.94 419.00</td></lod<></td></lod<>	14.53	25.52	128.14	<lod< td=""><td>65.21</td><td>67.03</td><td>33.94 419.00</td></lod<>	65.21	67.03	33.94 419.00
WIM	Wimborne Minster	Clay	717871.81	137464.12	29095.35	<lod< td=""><td>11867.93</td><td>22659.03</td><td>997.08</td><td>7358.52</td><td>8538.98</td><td>3.52</td><td>-11.0</td><td>5 234.59</td><td>-10.04</td><td>3.83</td><td><lod< td=""><td>13.08</td><td>24.30</td><td>119.76</td><td>2932.71</td><td>90.08</td><td>-6.83</td><td>68.74 524.26</td></lod<></td></lod<>	11867.93	22659.03	997.08	7358.52	8538.98	3.52	-11.0	5 234.59	-10.04	3.83	<lod< td=""><td>13.08</td><td>24.30</td><td>119.76</td><td>2932.71</td><td>90.08</td><td>-6.83</td><td>68.74 524.26</td></lod<>	13.08	24.30	119.76	2932.71	90.08	-6.83	68.74 524.26
EHR1	Uncertain Redware	Control later changed	560984.10	167042.27	47875.00	<lod< td=""><td>7813.37</td><td>24057.23</td><td>469.64</td><td>9851.00</td><td>19552.43</td><td>32.51</td><td>5.8</td><td>9 471.29</td><td>-9.92</td><td>109.06</td><td>26.20</td><td>16.00</td><td>403.80</td><td>146.60</td><td>1516.82</td><td>106.42</td><td>118.45</td><td>189.67 312.01</td></lod<>	7813.37	24057.23	469.64	9851.00	19552.43	32.51	5.8	9 471.29	-9.92	109.06	26.20	16.00	403.80	146.60	1516.82	106.42	118.45	189.67 312.01
EHR2	Uncertain Redware	Control later Unprovenanced	580132.36	171234.37	48629.10	4905.75	8277.01	23734.01	167.59 1	10217.38	6407.57	29.58	2.2	0 464.29	-7.95	116.60	18.95	16.86	220.85	147.40	1209.43	108.02	96.63	95.43 282.79
EHR3	Uncertain Redware	Control later Unprovenanced	575321.20	227029.77	50104.38	<lod< td=""><td>7743.05</td><td>20726.91</td><td>263.05</td><td>9199.21</td><td>3367.05</td><td>131.74</td><td>16.7</td><td>0 486.42</td><td>0.51</td><td>129.14</td><td><lod< td=""><td>16.66</td><td>6544.90</td><td>145.02</td><td>768.56</td><td>96.36</td><td>117.42</td><td>147.22 235.19</td></lod<></td></lod<>	7743.05	20726.91	263.05	9199.21	3367.05	131.74	16.7	0 486.42	0.51	129.14	<lod< td=""><td>16.66</td><td>6544.90</td><td>145.02</td><td>768.56</td><td>96.36</td><td>117.42</td><td>147.22 235.19</td></lod<>	16.66	6544.90	145.02	768.56	96.36	117.42	147.22 235.19
EHR4	Uncertain Redware	Control later Unprovenanced	628456.57	187670.25	45130.84	8280.70	7806.11	23892.65	185.76 1	11393.80	1480.18	-3.32	19.0	2 392.64	-6.48	118.40	<lod< td=""><td>21.44</td><td>64.55</td><td>146.95</td><td>446.34</td><td>79.70</td><td>147.89</td><td>118.10 297.09</td></lod<>	21.44	64.55	146.95	446.34	79.70	147.89	118.10 297.09
EHR5	Uncertain Redware	Control later Unprovenanced	586158.76	207166.83	51266.53	<lod< td=""><td>7294.61</td><td>25994.93</td><td>45.06</td><td>8798.77</td><td>5634.04</td><td>-1.87</td><td>-0.0</td><td>5 373.04</td><td>-7.92</td><td>119.51</td><td><lod< td=""><td>12.94</td><td>504.98</td><td>142.26</td><td>1324.61</td><td>83.69</td><td>92.89</td><td>104.70 210.90</td></lod<></td></lod<>	7294.61	25994.93	45.06	8798.77	5634.04	-1.87	-0.0	5 373.04	-7.92	119.51	<lod< td=""><td>12.94</td><td>504.98</td><td>142.26</td><td>1324.61</td><td>83.69</td><td>92.89</td><td>104.70 210.90</td></lod<>	12.94	504.98	142.26	1324.61	83.69	92.89	104.70 210.90
EHR6	Uncertain Redware	Control later Unprovenanced	593672.92	218863.79	47696.58	8348.39	7667.87	27864.89	<lod< td=""><td>8951.32</td><td>4923.08</td><td><lod< td=""><td><loi< td=""><td>D 312.95</td><td>-10.73</td><td>125.48</td><td><lod< td=""><td>13.62</td><td>271.50</td><td>150.53</td><td>842.29</td><td>93.02</td><td>113.32</td><td>82.98 230.83</td></lod<></td></loi<></td></lod<></td></lod<>	8951.32	4923.08	<lod< td=""><td><loi< td=""><td>D 312.95</td><td>-10.73</td><td>125.48</td><td><lod< td=""><td>13.62</td><td>271.50</td><td>150.53</td><td>842.29</td><td>93.02</td><td>113.32</td><td>82.98 230.83</td></lod<></td></loi<></td></lod<>	<loi< td=""><td>D 312.95</td><td>-10.73</td><td>125.48</td><td><lod< td=""><td>13.62</td><td>271.50</td><td>150.53</td><td>842.29</td><td>93.02</td><td>113.32</td><td>82.98 230.83</td></lod<></td></loi<>	D 312.95	-10.73	125.48	<lod< td=""><td>13.62</td><td>271.50</td><td>150.53</td><td>842.29</td><td>93.02</td><td>113.32</td><td>82.98 230.83</td></lod<>	13.62	271.50	150.53	842.29	93.02	113.32	82.98 230.83
EHR7	Uncertain Redware	Control later Unprovenanced	637169.04	201085.31	34683.45	6791.38	7238.46	25073.38	39.41 1	10135.74	4329.01	81.95	-2.5	9 462.85	-0.60	96.71	34.79	18.32	2147.36	149.87	3147.65	95.91	118.59	54.02 256.94
EHR8	Uncertain Redware	Control later Unprovenanced	607091.93	155555.94	48872.83	4341.54	7551.30	24424.82	197.52	7369.45	4277.89	<lod< td=""><td>11.8</td><td>9 436.32</td><td>-9.53</td><td>89.47</td><td><lod< td=""><td>11.02</td><td>1050.97</td><td>136.41</td><td>589.81</td><td>77.72</td><td>71.52</td><td>71.31 205.53</td></lod<></td></lod<>	11.8	9 436.32	-9.53	89.47	<lod< td=""><td>11.02</td><td>1050.97</td><td>136.41</td><td>589.81</td><td>77.72</td><td>71.52</td><td>71.31 205.53</td></lod<>	11.02	1050.97	136.41	589.81	77.72	71.52	71.31 205.53
EHR9	Uncertain Redware	Control later Unprovenanced	600532.87	190824.65	51230.15	4367.90	<lod< td=""><td>24520.25</td><td>75.41</td><td>9723.63</td><td>8239.56</td><td>20.64</td><td>21.5</td><td>5 473.56</td><td>-5.07</td><td>123.86</td><td>28.46</td><td>16.11</td><td>978.68</td><td>149.60</td><td>2387.11</td><td>105.28</td><td>127.15</td><td>114.76 283.97</td></lod<>	24520.25	75.41	9723.63	8239.56	20.64	21.5	5 473.56	-5.07	123.86	28.46	16.11	978.68	149.60	2387.11	105.28	127.15	114.76 283.97
EHR10	Uncertain Redware	Control later Unprovenanced	625875.73	194131.48	63769.23	5575.72	6847.80	21577.71	322.15 1	10428.28	5946.06	18.26	-3.6	60 419.15	-2.05	116.84	<lod< td=""><td>18.26</td><td>254.93</td><td>140.32</td><td>688.85</td><td>76.72</td><td>121.20</td><td>94.44 257.00</td></lod<>	18.26	254.93	140.32	688.85	76.72	121.20	94.44 257.00
EHR11	Uncertain Redware	Control later Unprovenanced	592750.87	205911.79	60267.95	6460.60	7146.29	27159.53	512.21	9819.70	15003.38	25.07	16.9	3 404.61	-1.54	200.87	<lod< td=""><td>16.01</td><td>486.50</td><td>156.05</td><td>2613.93</td><td>74.76</td><td>169.71</td><td>78.58 350.28</td></lod<>	16.01	486.50	156.05	2613.93	74.76	169.71	78.58 350.28
EHR12	Uncertain Redware	Control later Unprovenanced	597985.69	215144.35	45279.90	3780.67	8659.33	17515.04	98.39 1	10021.03	2416.98	<lod< td=""><td>-2.7</td><td>0 337.59</td><td>1.51</td><td>133.01</td><td>26.89</td><td>14.69</td><td>631.27</td><td>135.86</td><td>866.65</td><td>102.14</td><td>148.81</td><td>45.60 299.06</td></lod<>	-2.7	0 337.59	1.51	133.01	26.89	14.69	631.27	135.86	866.65	102.14	148.81	45.60 299.06
EHR13	Uncertain Redware	Control later Unprovenanced	563229.10	164835.91	39498.59	<lod< td=""><td>7374.67</td><td>21681.68</td><td>118.47</td><td>9968.12</td><td>1143.97</td><td><lod< td=""><td>-17.6</td><td>320.55</td><td>-0.72</td><td>109.74</td><td><lod< td=""><td>14.68</td><td>761.00</td><td>130.93</td><td>969.44</td><td>58.40</td><td>141.22</td><td>59.43 257.39</td></lod<></td></lod<></td></lod<>	7374.67	21681.68	118.47	9968.12	1143.97	<lod< td=""><td>-17.6</td><td>320.55</td><td>-0.72</td><td>109.74</td><td><lod< td=""><td>14.68</td><td>761.00</td><td>130.93</td><td>969.44</td><td>58.40</td><td>141.22</td><td>59.43 257.39</td></lod<></td></lod<>	-17.6	320.55	-0.72	109.74	<lod< td=""><td>14.68</td><td>761.00</td><td>130.93</td><td>969.44</td><td>58.40</td><td>141.22</td><td>59.43 257.39</td></lod<>	14.68	761.00	130.93	969.44	58.40	141.22	59.43 257.39
EHR14	Uncertain Redware	Control later Unprovenanced	548226.84	218501.29	24673.00	<lod< td=""><td>6895.79</td><td>27126.55</td><td>241.45</td><td>8859.19</td><td>16709.22</td><td>-0.79</td><td>-29.9</td><td>1 394.42</td><td>0.56</td><td>118.56</td><td>20.38</td><td>12.23</td><td>659.20</td><td>146.97</td><td>1022.59</td><td>78.52</td><td>152.40</td><td>130.44 204.06</td></lod<>	6895.79	27126.55	241.45	8859.19	16709.22	-0.79	-29.9	1 394.42	0.56	118.56	20.38	12.23	659.20	146.97	1022.59	78.52	152.40	130.44 204.06
EHR15	Uncertain Redware	Control later Unprovenanced	617331.83	224652.87	43433.62	9621.89	6928.57	27731.79	104.27	9801.68	2900.01	<lod< td=""><td>6.2</td><td>8 546.06</td><td>6.50</td><td>130.99</td><td><lod< td=""><td>15.04</td><td>928.59</td><td>159.93</td><td>1558.53</td><td>105.78</td><td>184.32</td><td>38.26 231.63</td></lod<></td></lod<>	6.2	8 546.06	6.50	130.99	<lod< td=""><td>15.04</td><td>928.59</td><td>159.93</td><td>1558.53</td><td>105.78</td><td>184.32</td><td>38.26 231.63</td></lod<>	15.04	928.59	159.93	1558.53	105.78	184.32	38.26 231.63
EHR16	Uncertain Redware	Control later Unprovenanced	573196.78	152746.39	33756.42	7275.36	7331.90	23278.12	357.23	9725.38	2857.37	1458.92	11.0	5 428.41	-3.09	100.14	<lod< td=""><td>13.60</td><td>897.82</td><td>135.29</td><td>3243.66</td><td>74.67</td><td>111.14</td><td>50.49 259.38</td></lod<>	13.60	897.82	135.29	3243.66	74.67	111.14	50.49 259.38
EHR17	Uncertain Redware	Control later Unprovenanced	588842.05	175702.19	69083.94	6215.64	7024.37	22233.11	284.86	9525.61	2479.26	<lod< td=""><td>22.1</td><td>1 447.89</td><td>-3.03</td><td>157.24</td><td><lod< td=""><td>13.97</td><td>1934.40</td><td>132.39</td><td>1175.65</td><td>68.16</td><td>145.22</td><td>75.29 234.96</td></lod<></td></lod<>	22.1	1 447.89	-3.03	157.24	<lod< td=""><td>13.97</td><td>1934.40</td><td>132.39</td><td>1175.65</td><td>68.16</td><td>145.22</td><td>75.29 234.96</td></lod<>	13.97	1934.40	132.39	1175.65	68.16	145.22	75.29 234.96
EHR18	Uncertain Redware	Control later Unprovenanced	518643.15	150733.13	44956.84	4549.46	10579.30	18870.95	573.27	8826.98	2154.89	4.99	-9.7	1 350.58	-4.92	129.41	22.02	12.71	584.64	123.73	853.54	76.38	128.69	179.01 308.60
EHR19	Uncertain Redware	Control later Unprovenanced	519294.53	136101.98	42036.56	<lod< td=""><td>6681.43</td><td>16611.02</td><td><lod 1<="" td=""><td>10417.15</td><td>541.37</td><td><lod< td=""><td>-23.9</td><td>0 275.50</td><td>-0.80</td><td>116.32</td><td><lod< td=""><td>14.65</td><td>1239.42</td><td>120.99</td><td>1081.04</td><td>68.50</td><td>151.11</td><td>80.29 351.15</td></lod<></td></lod<></td></lod></td></lod<>	6681.43	16611.02	<lod 1<="" td=""><td>10417.15</td><td>541.37</td><td><lod< td=""><td>-23.9</td><td>0 275.50</td><td>-0.80</td><td>116.32</td><td><lod< td=""><td>14.65</td><td>1239.42</td><td>120.99</td><td>1081.04</td><td>68.50</td><td>151.11</td><td>80.29 351.15</td></lod<></td></lod<></td></lod>	10417.15	541.37	<lod< td=""><td>-23.9</td><td>0 275.50</td><td>-0.80</td><td>116.32</td><td><lod< td=""><td>14.65</td><td>1239.42</td><td>120.99</td><td>1081.04</td><td>68.50</td><td>151.11</td><td>80.29 351.15</td></lod<></td></lod<>	-23.9	0 275.50	-0.80	116.32	<lod< td=""><td>14.65</td><td>1239.42</td><td>120.99</td><td>1081.04</td><td>68.50</td><td>151.11</td><td>80.29 351.15</td></lod<>	14.65	1239.42	120.99	1081.04	68.50	151.11	80.29 351.15
EHR20	Uncertain Redware	Control later Unprovenanced	539999.94	160055.19	34014.34	<lod< td=""><td>7985.74</td><td>15452.99</td><td><lod< td=""><td>9969.52</td><td>630.83</td><td>-4.80</td><td>-13.6</td><td>67 273.34</td><td>-5.01</td><td>101.13</td><td>36.55</td><td>14.91</td><td>232.66</td><td>123.56</td><td>487.17</td><td>81.65</td><td>59.74</td><td>114.35 280.32</td></lod<></td></lod<>	7985.74	15452.99	<lod< td=""><td>9969.52</td><td>630.83</td><td>-4.80</td><td>-13.6</td><td>67 273.34</td><td>-5.01</td><td>101.13</td><td>36.55</td><td>14.91</td><td>232.66</td><td>123.56</td><td>487.17</td><td>81.65</td><td>59.74</td><td>114.35 280.32</td></lod<>	9969.52	630.83	-4.80	-13.6	67 273.34	-5.01	101.13	36.55	14.91	232.66	123.56	487.17	81.65	59.74	114.35 280.32
EHR21	Uncertain Redware	Control later Unprovenanced	598097.73	207366.76	24860.04	<lod< td=""><td>8064.99</td><td>22478.71</td><td><lod< td=""><td>9610.82</td><td>547.69</td><td><lod< td=""><td><loi< td=""><td>D 224.49</td><td>-1.33</td><td>88.65</td><td>127.67</td><td>15.91</td><td>401.79</td><td>135.26</td><td>-138.73</td><td>77.98</td><td>90.02</td><td>34.59 259.04</td></loi<></td></lod<></td></lod<></td></lod<>	8064.99	22478.71	<lod< td=""><td>9610.82</td><td>547.69</td><td><lod< td=""><td><loi< td=""><td>D 224.49</td><td>-1.33</td><td>88.65</td><td>127.67</td><td>15.91</td><td>401.79</td><td>135.26</td><td>-138.73</td><td>77.98</td><td>90.02</td><td>34.59 259.04</td></loi<></td></lod<></td></lod<>	9610.82	547.69	<lod< td=""><td><loi< td=""><td>D 224.49</td><td>-1.33</td><td>88.65</td><td>127.67</td><td>15.91</td><td>401.79</td><td>135.26</td><td>-138.73</td><td>77.98</td><td>90.02</td><td>34.59 259.04</td></loi<></td></lod<>	<loi< td=""><td>D 224.49</td><td>-1.33</td><td>88.65</td><td>127.67</td><td>15.91</td><td>401.79</td><td>135.26</td><td>-138.73</td><td>77.98</td><td>90.02</td><td>34.59 259.04</td></loi<>	D 224.49	-1.33	88.65	127.67	15.91	401.79	135.26	-138.73	77.98	90.02	34.59 259.04
EHR22	Uncertain Redware	Control later Unprovenanced	616971.26	189427.86	47494.67	<lod< td=""><td>8114.64</td><td>21931.48</td><td>76.91 1</td><td>10879.86</td><td>3271.54</td><td>8.92</td><td>-7.9</td><td>2 336.55</td><td>-2.56</td><td>114.62</td><td><lod< td=""><td>18.40</td><td>238.66</td><td>134.66</td><td>1257.13</td><td>72.40</td><td>125.11</td><td>48.02 267.26</td></lod<></td></lod<>	8114.64	21931.48	76.91 1	10879.86	3271.54	8.92	-7.9	2 336.55	-2.56	114.62	<lod< td=""><td>18.40</td><td>238.66</td><td>134.66</td><td>1257.13</td><td>72.40</td><td>125.11</td><td>48.02 267.26</td></lod<>	18.40	238.66	134.66	1257.13	72.40	125.11	48.02 267.26
EHR23	Uncertain Redware	Control later Unprovenanced	605306.45	222928.51	37179.55	<lod< td=""><td>7663.41</td><td>24255.37</td><td>140.91 1</td><td>11017.06</td><td>3185.25</td><td><lod< td=""><td>5.1</td><td>7 459.02</td><td>3.38</td><td>109.29</td><td><lod< td=""><td>19.12</td><td>485.17</td><td>145.28</td><td>862.84</td><td>87.58</td><td>96.15</td><td>56.74 302.84</td></lod<></td></lod<></td></lod<>	7663.41	24255.37	140.91 1	11017.06	3185.25	<lod< td=""><td>5.1</td><td>7 459.02</td><td>3.38</td><td>109.29</td><td><lod< td=""><td>19.12</td><td>485.17</td><td>145.28</td><td>862.84</td><td>87.58</td><td>96.15</td><td>56.74 302.84</td></lod<></td></lod<>	5.1	7 459.02	3.38	109.29	<lod< td=""><td>19.12</td><td>485.17</td><td>145.28</td><td>862.84</td><td>87.58</td><td>96.15</td><td>56.74 302.84</td></lod<>	19.12	485.17	145.28	862.84	87.58	96.15	56.74 302.84
EHR24	Uncertain Redware	Control later Unprovenanced	676058.59	180310.35	37531.01	6159.85	7672.51	22121.67	100.20	9433.12	2705.56	<lod< td=""><td>6.2</td><td>9 393.13</td><td>-4.10</td><td>87.02</td><td><lod< td=""><td>15.82</td><td>361.58</td><td>131.04</td><td>1295.18</td><td>73.38</td><td>86.48</td><td>35.87 262.07</td></lod<></td></lod<>	6.2	9 393.13	-4.10	87.02	<lod< td=""><td>15.82</td><td>361.58</td><td>131.04</td><td>1295.18</td><td>73.38</td><td>86.48</td><td>35.87 262.07</td></lod<>	15.82	361.58	131.04	1295.18	73.38	86.48	35.87 262.07
EHR25	Uncertain Redware	Control later Unprovenanced	649111.34	179742.78	37371.34	9476.53	8240.93	21898.72	187.11	9187.05	3242.28	<lod< td=""><td>10.1</td><td>5 432.61</td><td>-1.14</td><td>95.56</td><td><lod< td=""><td>15.78</td><td>1669.11</td><td>131.57</td><td>1289.44</td><td>75.24</td><td>96.39</td><td>59.71 263.89</td></lod<></td></lod<>	10.1	5 432.61	-1.14	95.56	<lod< td=""><td>15.78</td><td>1669.11</td><td>131.57</td><td>1289.44</td><td>75.24</td><td>96.39</td><td>59.71 263.89</td></lod<>	15.78	1669.11	131.57	1289.44	75.24	96.39	59.71 263.89
EHR26	Uncertain Redware	Control later Unprovenanced	559863.30	149369.95	28935.36	<lod< td=""><td>7625.42</td><td>16236.20</td><td><lod< td=""><td>9073.64</td><td>9082.39</td><td><lod< td=""><td>-26.2</td><td>1 212.49</td><td>-3.39</td><td>92.54</td><td>20.41</td><td>13.81</td><td>631.84</td><td>119.63</td><td>180.53</td><td>79.88</td><td>61.00</td><td>45.86 237.87</td></lod<></td></lod<></td></lod<>	7625.42	16236.20	<lod< td=""><td>9073.64</td><td>9082.39</td><td><lod< td=""><td>-26.2</td><td>1 212.49</td><td>-3.39</td><td>92.54</td><td>20.41</td><td>13.81</td><td>631.84</td><td>119.63</td><td>180.53</td><td>79.88</td><td>61.00</td><td>45.86 237.87</td></lod<></td></lod<>	9073.64	9082.39	<lod< td=""><td>-26.2</td><td>1 212.49</td><td>-3.39</td><td>92.54</td><td>20.41</td><td>13.81</td><td>631.84</td><td>119.63</td><td>180.53</td><td>79.88</td><td>61.00</td><td>45.86 237.87</td></lod<>	-26.2	1 212.49	-3.39	92.54	20.41	13.81	631.84	119.63	180.53	79.88	61.00	45.86 237.87
EHR27	Uncertain Redware	Control later Unprovenanced	628924.56	181609.00	29067.91	<lod< td=""><td>8385.12</td><td>17809.81</td><td><lod 1<="" td=""><td>10055.61</td><td>4440.92</td><td><lod< td=""><td>-7.0</td><td>0 331.97</td><td>0.99</td><td>110.44</td><td>33.65</td><td>17.58</td><td>382.60</td><td>135.61</td><td>778.26</td><td>107.02</td><td>108.67</td><td>42.95 294.97</td></lod<></td></lod></td></lod<>	8385.12	17809.81	<lod 1<="" td=""><td>10055.61</td><td>4440.92</td><td><lod< td=""><td>-7.0</td><td>0 331.97</td><td>0.99</td><td>110.44</td><td>33.65</td><td>17.58</td><td>382.60</td><td>135.61</td><td>778.26</td><td>107.02</td><td>108.67</td><td>42.95 294.97</td></lod<></td></lod>	10055.61	4440.92	<lod< td=""><td>-7.0</td><td>0 331.97</td><td>0.99</td><td>110.44</td><td>33.65</td><td>17.58</td><td>382.60</td><td>135.61</td><td>778.26</td><td>107.02</td><td>108.67</td><td>42.95 294.97</td></lod<>	-7.0	0 331.97	0.99	110.44	33.65	17.58	382.60	135.61	778.26	107.02	108.67	42.95 294.97
EHR28	Uncertain Redware	Control later Unprovenanced	591417.84	205695.63	29413.83	<lod< td=""><td>7795.53</td><td>27131.09</td><td><lod 1<="" td=""><td>10435.13</td><td>2219.33</td><td><lod< td=""><td>-10.9</td><td>2 501.53</td><td>5.62</td><td>103.67</td><td><lod< td=""><td>18.86</td><td>637.62</td><td>159.17</td><td>1148.75</td><td>98.43</td><td>103.68</td><td>46.08 269.36</td></lod<></td></lod<></td></lod></td></lod<>	7795.53	27131.09	<lod 1<="" td=""><td>10435.13</td><td>2219.33</td><td><lod< td=""><td>-10.9</td><td>2 501.53</td><td>5.62</td><td>103.67</td><td><lod< td=""><td>18.86</td><td>637.62</td><td>159.17</td><td>1148.75</td><td>98.43</td><td>103.68</td><td>46.08 269.36</td></lod<></td></lod<></td></lod>	10435.13	2219.33	<lod< td=""><td>-10.9</td><td>2 501.53</td><td>5.62</td><td>103.67</td><td><lod< td=""><td>18.86</td><td>637.62</td><td>159.17</td><td>1148.75</td><td>98.43</td><td>103.68</td><td>46.08 269.36</td></lod<></td></lod<>	-10.9	2 501.53	5.62	103.67	<lod< td=""><td>18.86</td><td>637.62</td><td>159.17</td><td>1148.75</td><td>98.43</td><td>103.68</td><td>46.08 269.36</td></lod<>	18.86	637.62	159.17	1148.75	98.43	103.68	46.08 269.36
EHR29	Uncertain Redware	Control later Unprovenanced	635789.95	216599.60	30953.98	5556.11	7822.87	25113.46	107.43 1	10257.35	4300.39	<lod< td=""><td>-8.0</td><td>19 447.81</td><td>4.66</td><td>94.58</td><td><lod< td=""><td>17.62</td><td>1420.06</td><td>145.41</td><td>2870.80</td><td>94.48</td><td>116.53</td><td>46.54 260.52</td></lod<></td></lod<>	-8.0	19 447.81	4.66	94.58	<lod< td=""><td>17.62</td><td>1420.06</td><td>145.41</td><td>2870.80</td><td>94.48</td><td>116.53</td><td>46.54 260.52</td></lod<>	17.62	1420.06	145.41	2870.80	94.48	116.53	46.54 260.52
EHR30	Uncertain Redware	Control later Unprovenanced	661250.11	190366.45	59896.38	6562.22	7338.01	22467.75	456.48 1	10077.96	6677.36	10.34	18.5	5 443.58	-3.68	119.71	<lod< td=""><td>17.62</td><td>144.53</td><td>139.00</td><td>314.72</td><td>79.03</td><td>135.15</td><td>135.95 293.47</td></lod<>	17.62	144.53	139.00	314.72	79.03	135.15	135.95 293.47

Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K ₂ O	*MnO	*TiO ₂	*P ₂ O ₅	*As	*Ag	*Ba	*Bi	*Cr	*Cu	*Nb	*Pb	*Rb	*S	*Sr	*V	*Zn	*Zr
EHR31	Uncertain Redware	Control later Unprovenanced	665460.02	174469.74	44056.15	3934.13	6825.86	22911.40	207.08	9084.64	3283.39	2.47	20.06	393.12	-6.78	83.49	24.31	16.84	63.27	138.09	169.51	105.84	105.06	99.78	299.36
EHR32	Uncertain Redware	Control later Unprovenanced	624188.75	220908.70	38332.54	4933.69	7488.62	21411.90	52.73	10678.82	3988.34	<lod< td=""><td>-18.85</td><td>350.15</td><td>-2.00</td><td>113.73</td><td><lod< td=""><td>17.25</td><td>528.24</td><td>136.11</td><td>600.35</td><td>82.69</td><td>114.68</td><td>62.45</td><td>296.62</td></lod<></td></lod<>	-18.85	350.15	-2.00	113.73	<lod< td=""><td>17.25</td><td>528.24</td><td>136.11</td><td>600.35</td><td>82.69</td><td>114.68</td><td>62.45</td><td>296.62</td></lod<>	17.25	528.24	136.11	600.35	82.69	114.68	62.45	296.62
EHR33	Uncertain Redware	Control later Unprovenanced	529016.61	215059.02	39268.68	5030.04	7968.56	24302.84	479.73	10422.80	6186.43	4.21	-23.47	429.41	3.66	121.53	<lod< td=""><td>17.32</td><td>1499.06</td><td>155.06</td><td>2494.13</td><td>99.91</td><td>166.22</td><td>180.96</td><td>270.74</td></lod<>	17.32	1499.06	155.06	2494.13	99.91	166.22	180.96	270.74
EHR34	Uncertain Redware	Control later Unprovenanced	579228.61	166613.72	25269.16	<lod< td=""><td>6956.97</td><td>15447.26</td><td><lod< td=""><td>9504.35</td><td>2059.55</td><td>4.62</td><td>-7.41</td><td>265.72</td><td>-2.23</td><td>89.98</td><td>36.11</td><td>16.96</td><td>270.99</td><td>128.54</td><td>1036.96</td><td>90.13</td><td>88.42</td><td>71.50</td><td>275.64</td></lod<></td></lod<>	6956.97	15447.26	<lod< td=""><td>9504.35</td><td>2059.55</td><td>4.62</td><td>-7.41</td><td>265.72</td><td>-2.23</td><td>89.98</td><td>36.11</td><td>16.96</td><td>270.99</td><td>128.54</td><td>1036.96</td><td>90.13</td><td>88.42</td><td>71.50</td><td>275.64</td></lod<>	9504.35	2059.55	4.62	-7.41	265.72	-2.23	89.98	36.11	16.96	270.99	128.54	1036.96	90.13	88.42	71.50	275.64
EHR35	Uncertain Redware	Control later Unprovenanced	646028.20	218118.46	34270.64	<lod< td=""><td>7192.67</td><td>24408.29</td><td><lod< td=""><td>9286.19</td><td>3278.78</td><td>9.69</td><td>9.15</td><td>469.12</td><td>-2.67</td><td>108.90</td><td>27.23</td><td>15.63</td><td>531.33</td><td>150.51</td><td>1753.58</td><td>102.62</td><td>165.46</td><td>64.97</td><td>267.50</td></lod<></td></lod<>	7192.67	24408.29	<lod< td=""><td>9286.19</td><td>3278.78</td><td>9.69</td><td>9.15</td><td>469.12</td><td>-2.67</td><td>108.90</td><td>27.23</td><td>15.63</td><td>531.33</td><td>150.51</td><td>1753.58</td><td>102.62</td><td>165.46</td><td>64.97</td><td>267.50</td></lod<>	9286.19	3278.78	9.69	9.15	469.12	-2.67	108.90	27.23	15.63	531.33	150.51	1753.58	102.62	165.46	64.97	267.50
EHR36	Uncertain Redware	Control later Unprovenanced	635350.57	218523.77	31595.27	<lod< td=""><td><lod< td=""><td>25926.68</td><td><lod< td=""><td>10728.83</td><td>8049.71</td><td>-0.29</td><td>1.23</td><td>468.59</td><td>-2.44</td><td>96.42</td><td><lod< td=""><td>18.35</td><td>140.30</td><td>153.80</td><td>1259.65</td><td>100.18</td><td>101.42</td><td>54.49</td><td>281.49</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>25926.68</td><td><lod< td=""><td>10728.83</td><td>8049.71</td><td>-0.29</td><td>1.23</td><td>468.59</td><td>-2.44</td><td>96.42</td><td><lod< td=""><td>18.35</td><td>140.30</td><td>153.80</td><td>1259.65</td><td>100.18</td><td>101.42</td><td>54.49</td><td>281.49</td></lod<></td></lod<></td></lod<>	25926.68	<lod< td=""><td>10728.83</td><td>8049.71</td><td>-0.29</td><td>1.23</td><td>468.59</td><td>-2.44</td><td>96.42</td><td><lod< td=""><td>18.35</td><td>140.30</td><td>153.80</td><td>1259.65</td><td>100.18</td><td>101.42</td><td>54.49</td><td>281.49</td></lod<></td></lod<>	10728.83	8049.71	-0.29	1.23	468.59	-2.44	96.42	<lod< td=""><td>18.35</td><td>140.30</td><td>153.80</td><td>1259.65</td><td>100.18</td><td>101.42</td><td>54.49</td><td>281.49</td></lod<>	18.35	140.30	153.80	1259.65	100.18	101.42	54.49	281.49
EHR37	Uncertain Redware	Control later Unprovenanced	627871.88	222216.84	35308.33	5710.28	7923.07	26743.36	<lod< td=""><td>10373.98</td><td>6387.91</td><td><lod< td=""><td>-4.96</td><td>429.07</td><td>-0.42</td><td>104.03</td><td><lod< td=""><td>18.12</td><td>381.53</td><td>156.77</td><td>1669.91</td><td>101.85</td><td>115.59</td><td>48.17</td><td>271.15</td></lod<></td></lod<></td></lod<>	10373.98	6387.91	<lod< td=""><td>-4.96</td><td>429.07</td><td>-0.42</td><td>104.03</td><td><lod< td=""><td>18.12</td><td>381.53</td><td>156.77</td><td>1669.91</td><td>101.85</td><td>115.59</td><td>48.17</td><td>271.15</td></lod<></td></lod<>	-4.96	429.07	-0.42	104.03	<lod< td=""><td>18.12</td><td>381.53</td><td>156.77</td><td>1669.91</td><td>101.85</td><td>115.59</td><td>48.17</td><td>271.15</td></lod<>	18.12	381.53	156.77	1669.91	101.85	115.59	48.17	271.15
EHR38	Uncertain Redware	Control later Unprovenanced	671934.16	224555.39	33955.15	5813.56	7277.39	23108.89	94.40	9744.27	3513.59	<lod< td=""><td>-3.74</td><td>393.58</td><td>2.63</td><td>118.46</td><td>26.03</td><td>14.86</td><td>595.11</td><td>139.92</td><td>1421.05</td><td>88.87</td><td>125.11</td><td>77.88</td><td>281.64</td></lod<>	-3.74	393.58	2.63	118.46	26.03	14.86	595.11	139.92	1421.05	88.87	125.11	77.88	281.64
EHR39	Uncertain Redware	Control later Unprovenanced	644653.80	211786.14	38064.88	4876.45	7557.38	16874.42	<lod< td=""><td>10603.79</td><td>2172.51</td><td>14.57</td><td>-27.21</td><td>245.91</td><td>-1.58</td><td>110.58</td><td>39.37</td><td>17.12</td><td>461.00</td><td>134.84</td><td>1585.58</td><td>91.21</td><td>108.16</td><td>59.40</td><td>289.95</td></lod<>	10603.79	2172.51	14.57	-27.21	245.91	-1.58	110.58	39.37	17.12	461.00	134.84	1585.58	91.21	108.16	59.40	289.95
EHR40	Uncertain Redware	Control later Unprovenanced	590403.56	209437.70	29650.82	<lod< td=""><td>7639.27</td><td>25830.67</td><td><lod< td=""><td>9502.72</td><td>4426.37</td><td>183.59</td><td>1.76</td><td>459.02</td><td>1.36</td><td>89.83</td><td><lod< td=""><td>16.25</td><td>1935.73</td><td>150.61</td><td>4020.64</td><td>94.74</td><td>150.34</td><td>51.09</td><td>227.76</td></lod<></td></lod<></td></lod<>	7639.27	25830.67	<lod< td=""><td>9502.72</td><td>4426.37</td><td>183.59</td><td>1.76</td><td>459.02</td><td>1.36</td><td>89.83</td><td><lod< td=""><td>16.25</td><td>1935.73</td><td>150.61</td><td>4020.64</td><td>94.74</td><td>150.34</td><td>51.09</td><td>227.76</td></lod<></td></lod<>	9502.72	4426.37	183.59	1.76	459.02	1.36	89.83	<lod< td=""><td>16.25</td><td>1935.73</td><td>150.61</td><td>4020.64</td><td>94.74</td><td>150.34</td><td>51.09</td><td>227.76</td></lod<>	16.25	1935.73	150.61	4020.64	94.74	150.34	51.09	227.76
EHR41	Uncertain Redware	Control later Unprovenanced	586705.71	233000.56	34895.65	4064.35	7187.81	26909.01	55.52	11948.38	1026.00	4.49	-6.43	499.35	-0.58	113.24	<lod :<="" td=""><td>21.23</td><td>475.17</td><td>153.18</td><td>281.13</td><td>100.14</td><td>165.30</td><td>92.16</td><td>262.46</td></lod>	21.23	475.17	153.18	281.13	100.14	165.30	92.16	262.46
EHR42	Uncertain Redware	Control later Unprovenanced	652576.92	163228.47	60247.20	5101.73	10505.37	18297.63	506.40	8890.75	3571.35	16.53	-2.47	304.04	-5.75	129.43	<lod< td=""><td>17.24</td><td>143.64</td><td>125.17</td><td>263.57</td><td>64.53</td><td>87.02</td><td>81.39</td><td>484.38</td></lod<>	17.24	143.64	125.17	263.57	64.53	87.02	81.39	484.38
EHR43	Uncertain Redware	Control later Unprovenanced	640507.62	170733.01	47282.84	<lod< td=""><td>8122.81</td><td>26780.31</td><td>100.42</td><td>9704.94</td><td>3353.26</td><td>10.66</td><td>15.24</td><td>511.73</td><td>-6.20</td><td>139.92</td><td><lod< td=""><td>18.72</td><td>61.07</td><td>150.59</td><td>503.63</td><td>92.20</td><td>112.61</td><td>55.29</td><td>325.99</td></lod<></td></lod<>	8122.81	26780.31	100.42	9704.94	3353.26	10.66	15.24	511.73	-6.20	139.92	<lod< td=""><td>18.72</td><td>61.07</td><td>150.59</td><td>503.63</td><td>92.20</td><td>112.61</td><td>55.29</td><td>325.99</td></lod<>	18.72	61.07	150.59	503.63	92.20	112.61	55.29	325.99
EHR44	Uncertain Redware	Control later Unprovenanced	695429.95	193994.08	44278.92	8242.16	7711.68	29236.04	426.69	10087.48	4880.51	10.66	4.49	481.34	-2.99	111.12	13.12	18.81	55.59	151.80	488.69	92.76	151.10	106.34	299.08
EHR45	Uncertain Redware	Control later Unprovenanced	575264.06	190851.65	42911.90	<lod< td=""><td>9284.38</td><td>24747.67</td><td>155.49</td><td>8440.64</td><td>14288.85</td><td>33.09</td><td>-0.12</td><td>443.58</td><td>-4.65</td><td>118.09</td><td><lod< td=""><td>13.01</td><td>989.65</td><td>136.63</td><td>1527.05</td><td>80.41</td><td>105.53</td><td>96.54</td><td>229.52</td></lod<></td></lod<>	9284.38	24747.67	155.49	8440.64	14288.85	33.09	-0.12	443.58	-4.65	118.09	<lod< td=""><td>13.01</td><td>989.65</td><td>136.63</td><td>1527.05</td><td>80.41</td><td>105.53</td><td>96.54</td><td>229.52</td></lod<>	13.01	989.65	136.63	1527.05	80.41	105.53	96.54	229.52
EHR46	Uncertain Redware	Control later Unprovenanced	592727.16	211255.10	25952.43	3770.80	7505.45	25274.22	265.92	9192.89	3384.51	<lod< td=""><td>-18.29</td><td>469.47</td><td>-0.25</td><td>92.32</td><td><lod< td=""><td>14.65</td><td>821.57</td><td>149.45</td><td>1377.78</td><td>96.88</td><td>110.39</td><td>47.22</td><td>234.28</td></lod<></td></lod<>	-18.29	469.47	-0.25	92.32	<lod< td=""><td>14.65</td><td>821.57</td><td>149.45</td><td>1377.78</td><td>96.88</td><td>110.39</td><td>47.22</td><td>234.28</td></lod<>	14.65	821.57	149.45	1377.78	96.88	110.39	47.22	234.28
EHR47	Uncertain Redware	Control later Unprovenanced	432800.85	131959.58	40586.54	<lod< td=""><td>7635.27</td><td>21847.54</td><td><lod< td=""><td>7339.33</td><td>6796.95</td><td>39.90</td><td>-16.96</td><td>478.34</td><td>3.64</td><td>91.40</td><td><lod< td=""><td>10.42</td><td>2018.78</td><td>139.67</td><td>2816.30</td><td>72.08</td><td>124.46</td><td>94.48</td><td>229.55</td></lod<></td></lod<></td></lod<>	7635.27	21847.54	<lod< td=""><td>7339.33</td><td>6796.95</td><td>39.90</td><td>-16.96</td><td>478.34</td><td>3.64</td><td>91.40</td><td><lod< td=""><td>10.42</td><td>2018.78</td><td>139.67</td><td>2816.30</td><td>72.08</td><td>124.46</td><td>94.48</td><td>229.55</td></lod<></td></lod<>	7339.33	6796.95	39.90	-16.96	478.34	3.64	91.40	<lod< td=""><td>10.42</td><td>2018.78</td><td>139.67</td><td>2816.30</td><td>72.08</td><td>124.46</td><td>94.48</td><td>229.55</td></lod<>	10.42	2018.78	139.67	2816.30	72.08	124.46	94.48	229.55
EHR48	Uncertain Redware	Control later Unprovenanced	481020.44	149561.90	14167.38	3429.73	7722.80	24951.23	<lod< td=""><td>7684.15</td><td>733.44</td><td><lod< td=""><td>-23.92</td><td>350.64</td><td>5.03</td><td>65.72</td><td><lod< td=""><td>11.33</td><td>1877.01</td><td>148.65</td><td>673.92</td><td>82.84</td><td>89.43</td><td>256.79</td><td>206.62</td></lod<></td></lod<></td></lod<>	7684.15	733.44	<lod< td=""><td>-23.92</td><td>350.64</td><td>5.03</td><td>65.72</td><td><lod< td=""><td>11.33</td><td>1877.01</td><td>148.65</td><td>673.92</td><td>82.84</td><td>89.43</td><td>256.79</td><td>206.62</td></lod<></td></lod<>	-23.92	350.64	5.03	65.72	<lod< td=""><td>11.33</td><td>1877.01</td><td>148.65</td><td>673.92</td><td>82.84</td><td>89.43</td><td>256.79</td><td>206.62</td></lod<>	11.33	1877.01	148.65	673.92	82.84	89.43	256.79	206.62
EHR49	Uncertain Redware	Control later Unprovenanced	640648.33	212128.20	55072.62	10056.23	9466.68	26088.82	472.10	8392.70	2090.39	3.28	17.17	492.51	-2.92	118.54	24.43	14.60	530.10	149.35	1167.35	91.89	125.29	103.52	238.96
EHW1	DWWPM	Control	664047.45	231233.54	10668.39	<lod< td=""><td>7850.20</td><td>24275.00</td><td><lod< td=""><td>14666.07</td><td>2942.68</td><td><lod< td=""><td>-18.14</td><td>399.80</td><td>-0.79</td><td>45.11</td><td>71.88</td><td>28.34</td><td>1202.78</td><td>150.45</td><td>1624.91</td><td>112.37</td><td>133.59</td><td>58.25</td><td>295.30</td></lod<></td></lod<></td></lod<>	7850.20	24275.00	<lod< td=""><td>14666.07</td><td>2942.68</td><td><lod< td=""><td>-18.14</td><td>399.80</td><td>-0.79</td><td>45.11</td><td>71.88</td><td>28.34</td><td>1202.78</td><td>150.45</td><td>1624.91</td><td>112.37</td><td>133.59</td><td>58.25</td><td>295.30</td></lod<></td></lod<>	14666.07	2942.68	<lod< td=""><td>-18.14</td><td>399.80</td><td>-0.79</td><td>45.11</td><td>71.88</td><td>28.34</td><td>1202.78</td><td>150.45</td><td>1624.91</td><td>112.37</td><td>133.59</td><td>58.25</td><td>295.30</td></lod<>	-18.14	399.80	-0.79	45.11	71.88	28.34	1202.78	150.45	1624.91	112.37	133.59	58.25	295.30
EHW2	DWWPM	Control	614619.09	233339.54	18261.88	3684.74	7641.95	25260.77	<lod< td=""><td>8783.45</td><td>4189.09</td><td>7.91</td><td>-32.20</td><td>397.63</td><td>-2.54</td><td>86.41</td><td><lod< td=""><td>13.84</td><td>693.86</td><td>151.76</td><td>2056.47</td><td>109.04</td><td>115.99</td><td>40.58</td><td>233.66</td></lod<></td></lod<>	8783.45	4189.09	7.91	-32.20	397.63	-2.54	86.41	<lod< td=""><td>13.84</td><td>693.86</td><td>151.76</td><td>2056.47</td><td>109.04</td><td>115.99</td><td>40.58</td><td>233.66</td></lod<>	13.84	693.86	151.76	2056.47	109.04	115.99	40.58	233.66
EHW3	DWWPM	Control	565246.64	190379.26	12882.79	<lod< td=""><td>7567.50</td><td>24600.70</td><td><lod< td=""><td>11886.46</td><td>7069.04</td><td><lod< td=""><td>-16.57</td><td>422.84</td><td>-4.55</td><td>56.19</td><td>225.99</td><td>18.97</td><td>330.18</td><td>144.04</td><td>244.96</td><td>86.81</td><td>107.75</td><td>84.30</td><td>223.59</td></lod<></td></lod<></td></lod<>	7567.50	24600.70	<lod< td=""><td>11886.46</td><td>7069.04</td><td><lod< td=""><td>-16.57</td><td>422.84</td><td>-4.55</td><td>56.19</td><td>225.99</td><td>18.97</td><td>330.18</td><td>144.04</td><td>244.96</td><td>86.81</td><td>107.75</td><td>84.30</td><td>223.59</td></lod<></td></lod<>	11886.46	7069.04	<lod< td=""><td>-16.57</td><td>422.84</td><td>-4.55</td><td>56.19</td><td>225.99</td><td>18.97</td><td>330.18</td><td>144.04</td><td>244.96</td><td>86.81</td><td>107.75</td><td>84.30</td><td>223.59</td></lod<>	-16.57	422.84	-4.55	56.19	225.99	18.97	330.18	144.04	244.96	86.81	107.75	84.30	223.59
EHW4	DWWPM	Control	539210.92	187461.72	14410.05	4371.01	7787.41	25587.21	<lod< td=""><td>7677.26</td><td>-140.56</td><td><lod< td=""><td>-20.69</td><td>369.50</td><td>-9.40</td><td>60.43</td><td>268.80</td><td>11.54</td><td>3811.49</td><td>154.69</td><td>2631.84</td><td>101.73</td><td>98.39</td><td>59.42</td><td>194.57</td></lod<></td></lod<>	7677.26	-140.56	<lod< td=""><td>-20.69</td><td>369.50</td><td>-9.40</td><td>60.43</td><td>268.80</td><td>11.54</td><td>3811.49</td><td>154.69</td><td>2631.84</td><td>101.73</td><td>98.39</td><td>59.42</td><td>194.57</td></lod<>	-20.69	369.50	-9.40	60.43	268.80	11.54	3811.49	154.69	2631.84	101.73	98.39	59.42	194.57
EHW5	DWWPM	Control	605219.03	208495.00	15094.50	<lod< td=""><td>6899.94</td><td>25007.71</td><td><lod< td=""><td>7963.56</td><td>1926.64</td><td><lod< td=""><td><lod< td=""><td>319.22</td><td>-6.87</td><td>61.86</td><td><lod< td=""><td>13.05</td><td>2422.66</td><td>152.55</td><td>1475.43</td><td>102.25</td><td>100.62</td><td>78.20</td><td>239.17</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	6899.94	25007.71	<lod< td=""><td>7963.56</td><td>1926.64</td><td><lod< td=""><td><lod< td=""><td>319.22</td><td>-6.87</td><td>61.86</td><td><lod< td=""><td>13.05</td><td>2422.66</td><td>152.55</td><td>1475.43</td><td>102.25</td><td>100.62</td><td>78.20</td><td>239.17</td></lod<></td></lod<></td></lod<></td></lod<>	7963.56	1926.64	<lod< td=""><td><lod< td=""><td>319.22</td><td>-6.87</td><td>61.86</td><td><lod< td=""><td>13.05</td><td>2422.66</td><td>152.55</td><td>1475.43</td><td>102.25</td><td>100.62</td><td>78.20</td><td>239.17</td></lod<></td></lod<></td></lod<>	<lod< td=""><td>319.22</td><td>-6.87</td><td>61.86</td><td><lod< td=""><td>13.05</td><td>2422.66</td><td>152.55</td><td>1475.43</td><td>102.25</td><td>100.62</td><td>78.20</td><td>239.17</td></lod<></td></lod<>	319.22	-6.87	61.86	<lod< td=""><td>13.05</td><td>2422.66</td><td>152.55</td><td>1475.43</td><td>102.25</td><td>100.62</td><td>78.20</td><td>239.17</td></lod<>	13.05	2422.66	152.55	1475.43	102.25	100.62	78.20	239.17
EHW6	DWWPM	Control	593075.60	208955.28	15222.04	<lod< td=""><td>7541.60</td><td>24156.06</td><td><lod< td=""><td>7996.34</td><td>2583.59</td><td><lod< td=""><td>-16.40</td><td>395.79</td><td>-10.23</td><td>81.17</td><td><lod< td=""><td>11.54</td><td>473.43</td><td>141.83</td><td>255.77</td><td>88.60</td><td>106.17</td><td>32.83</td><td>297.90</td></lod<></td></lod<></td></lod<></td></lod<>	7541.60	24156.06	<lod< td=""><td>7996.34</td><td>2583.59</td><td><lod< td=""><td>-16.40</td><td>395.79</td><td>-10.23</td><td>81.17</td><td><lod< td=""><td>11.54</td><td>473.43</td><td>141.83</td><td>255.77</td><td>88.60</td><td>106.17</td><td>32.83</td><td>297.90</td></lod<></td></lod<></td></lod<>	7996.34	2583.59	<lod< td=""><td>-16.40</td><td>395.79</td><td>-10.23</td><td>81.17</td><td><lod< td=""><td>11.54</td><td>473.43</td><td>141.83</td><td>255.77</td><td>88.60</td><td>106.17</td><td>32.83</td><td>297.90</td></lod<></td></lod<>	-16.40	395.79	-10.23	81.17	<lod< td=""><td>11.54</td><td>473.43</td><td>141.83</td><td>255.77</td><td>88.60</td><td>106.17</td><td>32.83</td><td>297.90</td></lod<>	11.54	473.43	141.83	255.77	88.60	106.17	32.83	297.90
EHW7	DWWPM	Control	578067.72	227391.59	16318.25	4157.79	7121.04	23762.73	<lod< td=""><td>7795.90</td><td>3580.40</td><td><lod< td=""><td>-25.87</td><td>385.94</td><td>2.93</td><td>73.13</td><td>23.59</td><td>12.81</td><td>2556.44</td><td>149.71</td><td>918.01</td><td>96.46</td><td>104.10</td><td>80.25</td><td>225.71</td></lod<></td></lod<>	7795.90	3580.40	<lod< td=""><td>-25.87</td><td>385.94</td><td>2.93</td><td>73.13</td><td>23.59</td><td>12.81</td><td>2556.44</td><td>149.71</td><td>918.01</td><td>96.46</td><td>104.10</td><td>80.25</td><td>225.71</td></lod<>	-25.87	385.94	2.93	73.13	23.59	12.81	2556.44	149.71	918.01	96.46	104.10	80.25	225.71
EHW8	DWWPM	Control	577425.17	208812.28	15689.72	5474.10	7017.57	26320.70	1279.65	7823.84	7179.76	47.69	-18.36	425.19	-1.50	66.45	22.41	12.81	673.64	161.47	4054.43	113.78	115.17	108.50	217.65
EHW9	DWWPM	Control	653904.56	239948.08	18054.15	<lod< td=""><td>6987.24</td><td>24939.03</td><td><lod< td=""><td>8489.74</td><td>-686.30</td><td><lod< td=""><td>-4.83</td><td>432.57</td><td>-3.42</td><td>83.88</td><td>253.21</td><td>13.84</td><td>1102.14</td><td>159.49</td><td>435.96</td><td>114.16</td><td>103.70</td><td>57.60</td><td>243.12</td></lod<></td></lod<></td></lod<>	6987.24	24939.03	<lod< td=""><td>8489.74</td><td>-686.30</td><td><lod< td=""><td>-4.83</td><td>432.57</td><td>-3.42</td><td>83.88</td><td>253.21</td><td>13.84</td><td>1102.14</td><td>159.49</td><td>435.96</td><td>114.16</td><td>103.70</td><td>57.60</td><td>243.12</td></lod<></td></lod<>	8489.74	-686.30	<lod< td=""><td>-4.83</td><td>432.57</td><td>-3.42</td><td>83.88</td><td>253.21</td><td>13.84</td><td>1102.14</td><td>159.49</td><td>435.96</td><td>114.16</td><td>103.70</td><td>57.60</td><td>243.12</td></lod<>	-4.83	432.57	-3.42	83.88	253.21	13.84	1102.14	159.49	435.96	114.16	103.70	57.60	243.12
EHW10	DWWPM	Control	588432.19	257335.88	20036.14	<lod< td=""><td>7599.68</td><td>27619.25</td><td>58.43</td><td>13436.52</td><td>2400.21</td><td><lod< td=""><td>-27.75</td><td>483.42</td><td>4.98</td><td>103.57</td><td><lod< td=""><td>20.53</td><td>783.76</td><td>159.43</td><td>479.05</td><td>106.05</td><td>156.88</td><td>154.37</td><td>235.10</td></lod<></td></lod<></td></lod<>	7599.68	27619.25	58.43	13436.52	2400.21	<lod< td=""><td>-27.75</td><td>483.42</td><td>4.98</td><td>103.57</td><td><lod< td=""><td>20.53</td><td>783.76</td><td>159.43</td><td>479.05</td><td>106.05</td><td>156.88</td><td>154.37</td><td>235.10</td></lod<></td></lod<>	-27.75	483.42	4.98	103.57	<lod< td=""><td>20.53</td><td>783.76</td><td>159.43</td><td>479.05</td><td>106.05</td><td>156.88</td><td>154.37</td><td>235.10</td></lod<>	20.53	783.76	159.43	479.05	106.05	156.88	154.37	235.10
EHW11	DWWPM	Control	595848.75	250046.90	22451.57	<lod< td=""><td>7395.43</td><td>23417.14</td><td>62.78</td><td>8895.93</td><td>2081.38</td><td>24.47</td><td>-31.16</td><td>479.49</td><td>-1.75</td><td>91.31</td><td><lod< td=""><td>12.63</td><td>807.38</td><td>154.66</td><td>320.55</td><td>100.73</td><td>104.73</td><td>52.48</td><td>210.25</td></lod<></td></lod<>	7395.43	23417.14	62.78	8895.93	2081.38	24.47	-31.16	479.49	-1.75	91.31	<lod< td=""><td>12.63</td><td>807.38</td><td>154.66</td><td>320.55</td><td>100.73</td><td>104.73</td><td>52.48</td><td>210.25</td></lod<>	12.63	807.38	154.66	320.55	100.73	104.73	52.48	210.25
EHW12	DWWPM	Control	627314.08	230755.50	13349.87	<lod< td=""><td>7259.11</td><td>25150.39</td><td>40.11</td><td>14528.03</td><td>3597.50</td><td><lod< td=""><td>-10.26</td><td>447.38</td><td>0.94</td><td>80.17</td><td><lod< td=""><td>26.05</td><td>577.28</td><td>151.55</td><td>752.88</td><td>104.94</td><td>119.88</td><td>150.44</td><td>277.88</td></lod<></td></lod<></td></lod<>	7259.11	25150.39	40.11	14528.03	3597.50	<lod< td=""><td>-10.26</td><td>447.38</td><td>0.94</td><td>80.17</td><td><lod< td=""><td>26.05</td><td>577.28</td><td>151.55</td><td>752.88</td><td>104.94</td><td>119.88</td><td>150.44</td><td>277.88</td></lod<></td></lod<>	-10.26	447.38	0.94	80.17	<lod< td=""><td>26.05</td><td>577.28</td><td>151.55</td><td>752.88</td><td>104.94</td><td>119.88</td><td>150.44</td><td>277.88</td></lod<>	26.05	577.28	151.55	752.88	104.94	119.88	150.44	277.88
EHW13	DWWPM	Control	595561.82	212092.17	14641.64	<lod< td=""><td>7678.62</td><td>23368.19</td><td><lod< td=""><td>7405.97</td><td>-426.46</td><td>364.60</td><td>-6.69</td><td>488.84</td><td>-5.65</td><td>48.24</td><td>293.65</td><td>12.04</td><td>4838.75</td><td>168.15</td><td>12.20</td><td>114.59</td><td>80.67</td><td>120.98</td><td>249.80</td></lod<></td></lod<>	7678.62	23368.19	<lod< td=""><td>7405.97</td><td>-426.46</td><td>364.60</td><td>-6.69</td><td>488.84</td><td>-5.65</td><td>48.24</td><td>293.65</td><td>12.04</td><td>4838.75</td><td>168.15</td><td>12.20</td><td>114.59</td><td>80.67</td><td>120.98</td><td>249.80</td></lod<>	7405.97	-426.46	364.60	-6.69	488.84	-5.65	48.24	293.65	12.04	4838.75	168.15	12.20	114.59	80.67	120.98	249.80
EHW14	DWWPM	Control	560493.41	253346.23	22474.81	<lod< td=""><td><lod< td=""><td>25252.54</td><td>108.50</td><td>9023.30</td><td>2342.47</td><td><lod< td=""><td>-15.67</td><td>517.55</td><td>3.65</td><td>118.97</td><td><lod< td=""><td>13.04</td><td>1343.35</td><td>155.65</td><td>997.64</td><td>102.21</td><td>107.29</td><td>76.84</td><td>215.01</td></lod<></td></lod<></td></lod<></td></lod<>	<lod< td=""><td>25252.54</td><td>108.50</td><td>9023.30</td><td>2342.47</td><td><lod< td=""><td>-15.67</td><td>517.55</td><td>3.65</td><td>118.97</td><td><lod< td=""><td>13.04</td><td>1343.35</td><td>155.65</td><td>997.64</td><td>102.21</td><td>107.29</td><td>76.84</td><td>215.01</td></lod<></td></lod<></td></lod<>	25252.54	108.50	9023.30	2342.47	<lod< td=""><td>-15.67</td><td>517.55</td><td>3.65</td><td>118.97</td><td><lod< td=""><td>13.04</td><td>1343.35</td><td>155.65</td><td>997.64</td><td>102.21</td><td>107.29</td><td>76.84</td><td>215.01</td></lod<></td></lod<>	-15.67	517.55	3.65	118.97	<lod< td=""><td>13.04</td><td>1343.35</td><td>155.65</td><td>997.64</td><td>102.21</td><td>107.29</td><td>76.84</td><td>215.01</td></lod<>	13.04	1343.35	155.65	997.64	102.21	107.29	76.84	215.01
EHW15	DWWPM	Control	609392.74	265074.40	18175.79	7875.92	7651.82	24928.36	97.58	13020.97	3501.56	<lod< td=""><td>-13.79</td><td>466.62</td><td>4.83</td><td>99.99</td><td><lod< td=""><td>22.19</td><td>1244.62</td><td>155.63</td><td>1069.65</td><td>104.75</td><td>131.87</td><td>64.14</td><td>239.32</td></lod<></td></lod<>	-13.79	466.62	4.83	99.99	<lod< td=""><td>22.19</td><td>1244.62</td><td>155.63</td><td>1069.65</td><td>104.75</td><td>131.87</td><td>64.14</td><td>239.32</td></lod<>	22.19	1244.62	155.63	1069.65	104.75	131.87	64.14	239.32
EHW16	DWWPM	Control	629326.44	253165.34	20882.97	<lod< td=""><td>7024.08</td><td>25976.47</td><td><lod< td=""><td>8862.09</td><td>787.49</td><td>-3.09</td><td>-9.09</td><td>481.25</td><td>0.65</td><td>88.79</td><td><lod< td=""><td>14.13</td><td>277.05</td><td>158.76</td><td>274.15</td><td>108.89</td><td>126.24</td><td>33.38</td><td>223.93</td></lod<></td></lod<></td></lod<>	7024.08	25976.47	<lod< td=""><td>8862.09</td><td>787.49</td><td>-3.09</td><td>-9.09</td><td>481.25</td><td>0.65</td><td>88.79</td><td><lod< td=""><td>14.13</td><td>277.05</td><td>158.76</td><td>274.15</td><td>108.89</td><td>126.24</td><td>33.38</td><td>223.93</td></lod<></td></lod<>	8862.09	787.49	-3.09	-9.09	481.25	0.65	88.79	<lod< td=""><td>14.13</td><td>277.05</td><td>158.76</td><td>274.15</td><td>108.89</td><td>126.24</td><td>33.38</td><td>223.93</td></lod<>	14.13	277.05	158.76	274.15	108.89	126.24	33.38	223.93
EHW17	DWWPM	Control	598217.40	236459.29	17425.57	5452.61	7283.67	24438.88	70.17	9318.24	3152.64	-3.09	-24.21	438.39	-1.47	98.75	<lod< td=""><td>13.51</td><td>461.17</td><td>154.15</td><td>1263.82</td><td>104.78</td><td>138.62</td><td>48.10</td><td>215.36</td></lod<>	13.51	461.17	154.15	1263.82	104.78	138.62	48.10	215.36
EHVV18	DWWWPM	Control	576553.42	189795.22	11/1/.1/	6487.03	7283.20	23106.58	110.59	13874.79	2519.94	175.80	-28.35	409.12	4.78	85.62	<lod 1<="" td=""><td>25.75</td><td>1225.44</td><td>149.16</td><td>1181.47</td><td>106.71</td><td>110.88</td><td>43.24</td><td>307.52</td></lod>	25.75	1225.44	149.16	1181.47	106.71	110.88	43.24	307.52
EHVV19	DWWWPM	Control	407612.67	142071.27	32004.94	<lod< td=""><td>7638.80</td><td>21819.23</td><td><lod< td=""><td>7537.84</td><td>1328.54</td><td><lod< td=""><td>-28.35</td><td>393.17</td><td>6.07</td><td>115.64</td><td><lod< td=""><td>9.16</td><td>2674.49</td><td>148.66</td><td>3612.64</td><td>61.22</td><td>131.91</td><td>69.55</td><td>213.52</td></lod<></td></lod<></td></lod<></td></lod<>	7638.80	21819.23	<lod< td=""><td>7537.84</td><td>1328.54</td><td><lod< td=""><td>-28.35</td><td>393.17</td><td>6.07</td><td>115.64</td><td><lod< td=""><td>9.16</td><td>2674.49</td><td>148.66</td><td>3612.64</td><td>61.22</td><td>131.91</td><td>69.55</td><td>213.52</td></lod<></td></lod<></td></lod<>	7537.84	1328.54	<lod< td=""><td>-28.35</td><td>393.17</td><td>6.07</td><td>115.64</td><td><lod< td=""><td>9.16</td><td>2674.49</td><td>148.66</td><td>3612.64</td><td>61.22</td><td>131.91</td><td>69.55</td><td>213.52</td></lod<></td></lod<>	-28.35	393.17	6.07	115.64	<lod< td=""><td>9.16</td><td>2674.49</td><td>148.66</td><td>3612.64</td><td>61.22</td><td>131.91</td><td>69.55</td><td>213.52</td></lod<>	9.16	2674.49	148.66	3612.64	61.22	131.91	69.55	213.52
EHVV20	DVVVPVI	Control	581340.13	241279.80	21385.31	4494.31	7596.41	23630.57	<lod< td=""><td>3052.92</td><td>4183.98</td><td><lud< td=""><td>-37.20</td><td>326.69</td><td>-4.87</td><td>11.23</td><td><lod< td=""><td>14.28</td><td>1398.12</td><td>145.67</td><td>1080.35</td><td>94.13</td><td>120.61</td><td>49.84</td><td>264.17</td></lod<></td></lud<></td></lod<>	3052.92	4183.98	<lud< td=""><td>-37.20</td><td>326.69</td><td>-4.87</td><td>11.23</td><td><lod< td=""><td>14.28</td><td>1398.12</td><td>145.67</td><td>1080.35</td><td>94.13</td><td>120.61</td><td>49.84</td><td>264.17</td></lod<></td></lud<>	-37.20	326.69	-4.87	11.23	<lod< td=""><td>14.28</td><td>1398.12</td><td>145.67</td><td>1080.35</td><td>94.13</td><td>120.61</td><td>49.84</td><td>264.17</td></lod<>	14.28	1398.12	145.67	1080.35	94.13	120.61	49.84	264.17
EHVV21	DVVVPVI	Control	649/85.5/	248458.34	15289.92	<lud< td=""><td>7623.23</td><td>26074.64</td><td></td><td>7989.09</td><td>-7.74</td><td>200.97</td><td>-14.41</td><td>507.83</td><td>-4.03</td><td>87.63</td><td>200.00</td><td>14.68</td><td>340.11</td><td>168.01</td><td>122.23</td><td>120.73</td><td>110.09</td><td>107.72</td><td>230.91</td></lud<>	7623.23	26074.64		7989.09	-7.74	200.97	-14.41	507.83	-4.03	87.63	200.00	14.68	340.11	168.01	122.23	120.73	110.09	107.72	230.91
EHVV22	DVVVPVI	Control	525117.28	185751.71	14413.80	5743.28	7562.64	20134.32	105.77	6942.77	382.37	200.97	-0.93	573.92	-1.81	63.94	200.00	12.39	10207.68	156.03	8062.97	99.24	55.75	103.84	226.07
EHVV23	DVVVVPVI	Control	423970.67	192279.38	15/58./5	4571.60	8076.45	21785.60	201.33	9224.72	1339.22	200.97	-30.64	473.26	-1.44	103.52	257.91	13.18	5090.53	147.42	14518.72	88.55	87.47	75.96	211.55
EHVV24	DVVVVPVI	Control	5/2017.07	183384.43	16288.98	<lud< td=""><td>7180.45</td><td>23809.94</td><td>102.20</td><td>8694.59</td><td>1080.70</td><td>5.85</td><td>-17.52</td><td>403.57</td><td>-2.13</td><td>87.76</td><td>258.67</td><td>15.04</td><td>388.97</td><td>151.27</td><td>1690.04</td><td>100.72</td><td>72.47</td><td>07.03</td><td>269.07</td></lud<>	7180.45	23809.94	102.20	8694.59	1080.70	5.85	-17.52	403.57	-2.13	87.76	258.67	15.04	388.97	151.27	1690.04	100.72	72.47	07.03	269.07
EHW25	DVVVVPVI	Control	48/52/.49	156702.26	23991.92	3887.52	7009.83	24993.18		0204.00	800.28	4.96	-21.11	434.61	-7.40	100.83	<lod< td=""><td>13.78</td><td>765.02</td><td>150.72</td><td>1703.14</td><td>92.47</td><td>05.22</td><td>72.25</td><td>230.76</td></lod<>	13.78	765.02	150.72	1703.14	92.47	05.22	72.25	230.76
		Control	092413.08	200811.30	200/3.03	<lud< td=""><td>7/10.55</td><td>20420.01</td><td><lod< td=""><td>9394.96</td><td>800.82</td><td>50.27</td><td>-13.30</td><td>345.∠5 220.27</td><td>-1.12</td><td>95.67</td><td>201.94</td><td>12.90</td><td>2096.35</td><td>138.85</td><td>25/1./3</td><td>02.08</td><td>69.38</td><td>JZ.94 €</td><td>5∠4.75</td></lod<></td></lud<>	7/10.55	20420.01	<lod< td=""><td>9394.96</td><td>800.82</td><td>50.27</td><td>-13.30</td><td>345.∠5 220.27</td><td>-1.12</td><td>95.67</td><td>201.94</td><td>12.90</td><td>2096.35</td><td>138.85</td><td>25/1./3</td><td>02.08</td><td>69.38</td><td>JZ.94 €</td><td>5∠4.75</td></lod<>	9394.96	800.82	50.27	-13.30	345.∠5 220.27	-1.12	95.67	201.94	12.90	2096.35	138.85	25/1./3	02.08	69.38	JZ.94 €	5∠4.75
		Control	000315.31	109629.00	14054.36	3623.24	7457.64	20114.27	<lod< td=""><td>10/5./9</td><td>048.45</td><td>4.67</td><td>-14.17</td><td>320.27</td><td>-9.94</td><td>38.80</td><td><lud< td=""><td>10.54</td><td>070.18</td><td>134.13</td><td>801.81</td><td>01.05</td><td>20.12</td><td>10.04</td><td>210.90</td></lud<></td></lod<>	10/5./9	048.45	4.67	-14.17	320.27	-9.94	38.80	<lud< td=""><td>10.54</td><td>070.18</td><td>134.13</td><td>801.81</td><td>01.05</td><td>20.12</td><td>10.04</td><td>210.90</td></lud<>	10.54	070.18	134.13	801.81	01.05	20.12	10.04	210.90
		Control	0049/1.88	208534.56	2/909.44		7000.04	100/3.88	<lod< td=""><td>9015.78</td><td>1325.42</td><td>21.83</td><td>-11.95</td><td>511.59</td><td>-8.68</td><td>61.00</td><td>200.02</td><td>17.42</td><td>235.22</td><td>135.79</td><td>1507.87</td><td>100.17</td><td>108.97</td><td>02.41</td><td>200.96</td></lod<>	9015.78	1325.42	21.83	-11.95	511.59	-8.68	61.00	200.02	17.42	235.22	135.79	1507.87	100.17	108.97	02.41	200.96
ENV/29			020987.61	220443.49	14252.76	<lud< td=""><td>1238.31</td><td>20108.80</td><td><lod< td=""><td>0140.37</td><td>802.11</td><td>0.54</td><td>-3.75</td><td>008.44</td><td>-7.40</td><td>01.98</td><td><lod< td=""><td>12.44</td><td>302.68</td><td>109.08</td><td>015.94</td><td>108.94</td><td>108.99</td><td>02.51</td><td>231.10</td></lod<></td></lod<></td></lud<>	1238.31	20108.80	<lod< td=""><td>0140.37</td><td>802.11</td><td>0.54</td><td>-3.75</td><td>008.44</td><td>-7.40</td><td>01.98</td><td><lod< td=""><td>12.44</td><td>302.68</td><td>109.08</td><td>015.94</td><td>108.94</td><td>108.99</td><td>02.51</td><td>231.10</td></lod<></td></lod<>	0140.37	802.11	0.54	-3.75	008.44	-7.40	01.98	<lod< td=""><td>12.44</td><td>302.68</td><td>109.08</td><td>015.94</td><td>108.94</td><td>108.99</td><td>02.51</td><td>231.10</td></lod<>	12.44	302.68	109.08	015.94	108.94	108.99	02.51	231.10
EHM30	DVVVVHVI	Control	592135.90	223057.61	16424.49	3833.90	7435.99	24696.29	<lod< td=""><td>8620.04</td><td>1312.89</td><td><lod< td=""><td>-31.31</td><td>447.84</td><td>0.58</td><td>86.00</td><td><lod< td=""><td>13.48</td><td>954.28</td><td>153.99</td><td>1257.14</td><td>98.51</td><td>144.80</td><td>164.32</td><td>216.88</td></lod<></td></lod<></td></lod<>	8620.04	1312.89	<lod< td=""><td>-31.31</td><td>447.84</td><td>0.58</td><td>86.00</td><td><lod< td=""><td>13.48</td><td>954.28</td><td>153.99</td><td>1257.14</td><td>98.51</td><td>144.80</td><td>164.32</td><td>216.88</td></lod<></td></lod<>	-31.31	447.84	0.58	86.00	<lod< td=""><td>13.48</td><td>954.28</td><td>153.99</td><td>1257.14</td><td>98.51</td><td>144.80</td><td>164.32</td><td>216.88</td></lod<>	13.48	954.28	153.99	1257.14	98.51	144.80	164.32	216.88

Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K ₂ O	*MnO	*TiO ₂	*P ₂ O ₅	*As	*Ag	*Ba	*Bi	*Cr	*Cu	*Nb	*Pb	*Rb	*S	*Sr	*V	*Zn *Zr
EHW31	DWWPM	Control	500141.28	193219.40	15042.38	<lod< td=""><td>7479.52</td><td>24329.14</td><td>82.55</td><td>8384.54</td><td>1234.36</td><td>6.55</td><td>-24.83</td><td>439.69</td><td>0.07</td><td>92.09</td><td>24.85</td><td>13.51</td><td>462.91</td><td>153.07</td><td>859.60</td><td>102.28</td><td>90.84</td><td>84.46 254.86</td></lod<>	7479.52	24329.14	82.55	8384.54	1234.36	6.55	-24.83	439.69	0.07	92.09	24.85	13.51	462.91	153.07	859.60	102.28	90.84	84.46 254.86
EHW32	DWWPM	Control	567971.71	222665.23	15355.91	3845.02	7628.35	23582.96	<lod< td=""><td>8654.67</td><td>152.54</td><td>14.70</td><td>-32.20</td><td>407.41</td><td>-3.31</td><td>84.53</td><td><lod< td=""><td>12.51</td><td>469.81</td><td>148.80</td><td>563.91</td><td>96.13</td><td>94.86</td><td>93.30 226.27</td></lod<></td></lod<>	8654.67	152.54	14.70	-32.20	407.41	-3.31	84.53	<lod< td=""><td>12.51</td><td>469.81</td><td>148.80</td><td>563.91</td><td>96.13</td><td>94.86</td><td>93.30 226.27</td></lod<>	12.51	469.81	148.80	563.91	96.13	94.86	93.30 226.27
EHW33	DWWPM	Control	592198.18	210898.19	14946.36	<lod< td=""><td>7756.07</td><td>26012.09</td><td><lod< td=""><td>8125.35</td><td>1330.90</td><td>12.46</td><td>-13.65</td><td>502.77</td><td>-1.14</td><td>71.82</td><td>23.94</td><td>13.03</td><td>250.27</td><td>158.58</td><td>1035.61</td><td>110.64</td><td>121.03</td><td>91.37 220.80</td></lod<></td></lod<>	7756.07	26012.09	<lod< td=""><td>8125.35</td><td>1330.90</td><td>12.46</td><td>-13.65</td><td>502.77</td><td>-1.14</td><td>71.82</td><td>23.94</td><td>13.03</td><td>250.27</td><td>158.58</td><td>1035.61</td><td>110.64</td><td>121.03</td><td>91.37 220.80</td></lod<>	8125.35	1330.90	12.46	-13.65	502.77	-1.14	71.82	23.94	13.03	250.27	158.58	1035.61	110.64	121.03	91.37 220.80
EHW34	DWWPM	Control	598976.93	194402.66	13815.78	14571.59	7690.34	23638.03	<lod< td=""><td>13775.88</td><td>2552.61</td><td>10.14</td><td>-22.73</td><td>446.87</td><td>-0.17</td><td>80.41</td><td><lod< td=""><td>23.12</td><td>548.37</td><td>149.73</td><td>1096.98</td><td>105.14</td><td>126.66</td><td>52.07 253.65</td></lod<></td></lod<>	13775.88	2552.61	10.14	-22.73	446.87	-0.17	80.41	<lod< td=""><td>23.12</td><td>548.37</td><td>149.73</td><td>1096.98</td><td>105.14</td><td>126.66</td><td>52.07 253.65</td></lod<>	23.12	548.37	149.73	1096.98	105.14	126.66	52.07 253.65
EHW35	DWWPM	Control	597839.03	220439.67	15943.81	<lod< td=""><td>7574.65</td><td>25226.73</td><td>141.56</td><td>13156.62</td><td>1217.20</td><td>1708.97</td><td>2.82</td><td>441.77</td><td>7.84</td><td>61.31</td><td>24.50</td><td>25.26</td><td>11554.52</td><td>140.31</td><td>11756.11</td><td>92.73</td><td>94.11</td><td>69.07 236.93</td></lod<>	7574.65	25226.73	141.56	13156.62	1217.20	1708.97	2.82	441.77	7.84	61.31	24.50	25.26	11554.52	140.31	11756.11	92.73	94.11	69.07 236.93
EHW36	DWWPM	Control	605715.80	169283.62	15888.02	<lod< td=""><td>7688.13</td><td>22171.05</td><td><lod< td=""><td>7744.90</td><td>1453.21</td><td>6.86</td><td>-9.01</td><td>415.60</td><td>-4.93</td><td>43.26</td><td><lod< td=""><td>10.78</td><td>365.93</td><td>138.31</td><td>1214.51</td><td>85.61</td><td>68.06</td><td>42.82 242.94</td></lod<></td></lod<></td></lod<>	7688.13	22171.05	<lod< td=""><td>7744.90</td><td>1453.21</td><td>6.86</td><td>-9.01</td><td>415.60</td><td>-4.93</td><td>43.26</td><td><lod< td=""><td>10.78</td><td>365.93</td><td>138.31</td><td>1214.51</td><td>85.61</td><td>68.06</td><td>42.82 242.94</td></lod<></td></lod<>	7744.90	1453.21	6.86	-9.01	415.60	-4.93	43.26	<lod< td=""><td>10.78</td><td>365.93</td><td>138.31</td><td>1214.51</td><td>85.61</td><td>68.06</td><td>42.82 242.94</td></lod<>	10.78	365.93	138.31	1214.51	85.61	68.06	42.82 242.94
EHW37	DWWPM	Control	569179.97	193426.98	16639.30	9932.01	8268.58	24035.01	100.43	8002.97	1187.30	212.57	-14.95	489.10	-2.77	87.79	<lod< td=""><td>12.55</td><td>529.49</td><td>148.93</td><td>1408.57</td><td>90.41</td><td>127.88</td><td>58.09 247.12</td></lod<>	12.55	529.49	148.93	1408.57	90.41	127.88	58.09 247.12
EHW38	DWWPM	Control	624453.52	224899.55	22477.24	4743.96	7829.91	25089.95	65.12	9992.43	1320.24	4.46	0.07	527.74	-3.32	75.08	<lod< td=""><td>17.39</td><td>566.18</td><td>155.36</td><td>2043.70</td><td>97.44</td><td>118.19</td><td>57.45 274.13</td></lod<>	17.39	566.18	155.36	2043.70	97.44	118.19	57.45 274.13
EHW39	DWWPM	Control	612152.11	203061.57	16497.86	5190.99	7537.13	24586.86	<lod< td=""><td>8450.20</td><td>1246.90</td><td>-0.60</td><td>-9.05</td><td>464.52</td><td>-4.71</td><td>54.21</td><td><lod< td=""><td>12.75</td><td>406.67</td><td>148.37</td><td>1097.99</td><td>98.64</td><td>78.85</td><td>41.26 247.07</td></lod<></td></lod<>	8450.20	1246.90	-0.60	-9.05	464.52	-4.71	54.21	<lod< td=""><td>12.75</td><td>406.67</td><td>148.37</td><td>1097.99</td><td>98.64</td><td>78.85</td><td>41.26 247.07</td></lod<>	12.75	406.67	148.37	1097.99	98.64	78.85	41.26 247.07
EHW40	DWWPM	Control	593867.96	275484.08	19296.27	<lod< td=""><td>7213.34</td><td>26600.81</td><td>95.09</td><td>13215.66</td><td>1457.59</td><td><lod< td=""><td>23.18</td><td>596.84</td><td>2.50</td><td>91.65</td><td><lod< td=""><td>20.79</td><td>2051.33</td><td>154.62</td><td>800.64</td><td>103.08</td><td>117.51</td><td>74.42 256.80</td></lod<></td></lod<></td></lod<>	7213.34	26600.81	95.09	13215.66	1457.59	<lod< td=""><td>23.18</td><td>596.84</td><td>2.50</td><td>91.65</td><td><lod< td=""><td>20.79</td><td>2051.33</td><td>154.62</td><td>800.64</td><td>103.08</td><td>117.51</td><td>74.42 256.80</td></lod<></td></lod<>	23.18	596.84	2.50	91.65	<lod< td=""><td>20.79</td><td>2051.33</td><td>154.62</td><td>800.64</td><td>103.08</td><td>117.51</td><td>74.42 256.80</td></lod<>	20.79	2051.33	154.62	800.64	103.08	117.51	74.42 256.80
EHW41	DWWPM	Control	556376.09	173332.47	18063.03	4356.86	7566.61	22714.05	149.62	9006.35	4598.80	2.93	-14.26	357.81	-5.14	41.44	<lod< td=""><td>13.50</td><td>406.37</td><td>137.61</td><td>873.60</td><td>79.47</td><td>90.52</td><td>85.86 246.29</td></lod<>	13.50	406.37	137.61	873.60	79.47	90.52	85.86 246.29
EHW42	DWWPM	Control	514717.78	176114.27	18737.48	6874.65	1932.37	25867.46	<lod< td=""><td>7840.72</td><td>10795.77</td><td>220.56</td><td>23.45</td><td>490.87</td><td>10.55</td><td>88.65</td><td>23.49</td><td>13.92</td><td>7035.85</td><td>159.94</td><td>16516.07</td><td>110.36</td><td>146.74</td><td>52.24 196.69</td></lod<>	7840.72	10795.77	220.56	23.45	490.87	10.55	88.65	23.49	13.92	7035.85	159.94	16516.07	110.36	146.74	52.24 196.69
EHW43	DWWPM	Control	548400.36	216156.38	27104.41	<lod< td=""><td>7582.92</td><td>22133.72</td><td><lod< td=""><td>9235.15</td><td>3951.18</td><td>42.69</td><td>-6.68</td><td>411.10</td><td>-3.18</td><td>105.61</td><td><lod< td=""><td>12.48</td><td>491.45</td><td>140.61</td><td>685.33</td><td>86.74</td><td>121.88</td><td>85.20 264.12</td></lod<></td></lod<></td></lod<>	7582.92	22133.72	<lod< td=""><td>9235.15</td><td>3951.18</td><td>42.69</td><td>-6.68</td><td>411.10</td><td>-3.18</td><td>105.61</td><td><lod< td=""><td>12.48</td><td>491.45</td><td>140.61</td><td>685.33</td><td>86.74</td><td>121.88</td><td>85.20 264.12</td></lod<></td></lod<>	9235.15	3951.18	42.69	-6.68	411.10	-3.18	105.61	<lod< td=""><td>12.48</td><td>491.45</td><td>140.61</td><td>685.33</td><td>86.74</td><td>121.88</td><td>85.20 264.12</td></lod<>	12.48	491.45	140.61	685.33	86.74	121.88	85.20 264.12
EHW44	DWWPM	Control	576727.80	211991.25	16860.86	9007.96	7734.88	26117.03	<lod< td=""><td>8237.29</td><td>469.03</td><td>7.29</td><td>-2.65</td><td>440.00</td><td>0.80</td><td>72.50</td><td>28.75</td><td>12.89</td><td>1014.15</td><td>159.56</td><td>643.22</td><td>105.17</td><td>94.34</td><td>117.96 237.91</td></lod<>	8237.29	469.03	7.29	-2.65	440.00	0.80	72.50	28.75	12.89	1014.15	159.56	643.22	105.17	94.34	117.96 237.91
EHW45	DWWPM	Control	658765.12	186809.47	11901.89	11822.61	7769.04	22898.20	<lod< td=""><td>11640.77</td><td>2559.17</td><td>6.54</td><td>-8.22</td><td>407.16</td><td>-1.14</td><td>31.28</td><td><lod< td=""><td>21.51</td><td>1942.97</td><td>146.12</td><td>5239.63</td><td>97.48</td><td>222.02</td><td>33.10 262.44</td></lod<></td></lod<>	11640.77	2559.17	6.54	-8.22	407.16	-1.14	31.28	<lod< td=""><td>21.51</td><td>1942.97</td><td>146.12</td><td>5239.63</td><td>97.48</td><td>222.02</td><td>33.10 262.44</td></lod<>	21.51	1942.97	146.12	5239.63	97.48	222.02	33.10 262.44
EHW46	DWWPM	Control	581510.04	204399.74	19090.25	<lod< td=""><td>7380.24</td><td>22059.61</td><td>339.16</td><td>13064.62</td><td>3182.93</td><td>623.14</td><td>9.08</td><td>468.02</td><td>-1.33</td><td>59.86</td><td><lod< td=""><td>18.75</td><td>4156.27</td><td>136.77</td><td>6356.80</td><td>86.01</td><td>85.76</td><td>80.52 251.64</td></lod<></td></lod<>	7380.24	22059.61	339.16	13064.62	3182.93	623.14	9.08	468.02	-1.33	59.86	<lod< td=""><td>18.75</td><td>4156.27</td><td>136.77</td><td>6356.80</td><td>86.01</td><td>85.76</td><td>80.52 251.64</td></lod<>	18.75	4156.27	136.77	6356.80	86.01	85.76	80.52 251.64
EHW47	DWWPM	Control	572126.02	264070.70	27915.99	3772.10	7101.54	25282.72	86.00	10172.58	1670.01	<lod< td=""><td>0.80</td><td>440.30</td><td>3.75</td><td>88.40</td><td><lod< td=""><td>14.19</td><td>1288.29</td><td>150.47</td><td>1219.69</td><td>91.75</td><td>111.44</td><td>77.27 244.22</td></lod<></td></lod<>	0.80	440.30	3.75	88.40	<lod< td=""><td>14.19</td><td>1288.29</td><td>150.47</td><td>1219.69</td><td>91.75</td><td>111.44</td><td>77.27 244.22</td></lod<>	14.19	1288.29	150.47	1219.69	91.75	111.44	77.27 244.22
EHW48	DWWPM	Control	544934.63	273913.98	24397.65	4966.65	7049.04	24924.44	96.06	9865.10	2971.57	-1.14	-23.96	408.28	-2.46	90.57	<lod< td=""><td>14.07</td><td>817.32</td><td>149.62</td><td>2086.19</td><td>100.83</td><td>111.02</td><td>91.58 253.76</td></lod<>	14.07	817.32	149.62	2086.19	100.83	111.02	91.58 253.76
EHW49	DWWPM	Control	554646.36	219816.11	15940.30	4552.89	7333.89	22845.54	<lod< td=""><td>8530.47</td><td>2248.45</td><td>-4.86</td><td>-18.29</td><td>338.82</td><td>-1.01</td><td>60.47</td><td>23.20</td><td>12.94</td><td>1114.03</td><td>138.55</td><td>2020.00</td><td>86.02</td><td>62.62</td><td>117.86 282.71</td></lod<>	8530.47	2248.45	-4.86	-18.29	338.82	-1.01	60.47	23.20	12.94	1114.03	138.55	2020.00	86.02	62.62	117.86 282.71
EHW50	DWWPM	Control	632241.69	211181.33	17691.12	5490.64	7451.30	25644.50	<lod< td=""><td>8615.73</td><td>784.26</td><td>-11.59</td><td>-18.61</td><td>457.85</td><td>-4.80</td><td>69.24</td><td>23.07</td><td>13.49</td><td>197.78</td><td>157.26</td><td>374.77</td><td>104.71</td><td>97.83</td><td>43.65 258.58</td></lod<>	8615.73	784.26	-11.59	-18.61	457.85	-4.80	69.24	23.07	13.49	197.78	157.26	374.77	104.71	97.83	43.65 258.58
LAVC1	LAVC	Control	438768.94	112276.45	21541.00	<lod< td=""><td>118859.50</td><td>13181.97</td><td>129.39</td><td>6724.35</td><td>6361.88</td><td>41.84</td><td>-7.82</td><td>197.40</td><td>-9.20</td><td>50.22</td><td>40.40</td><td>11.03</td><td>376.89</td><td>107.03</td><td>2468.70</td><td>102.74</td><td>23.48</td><td>82.50 209.70</td></lod<>	118859.50	13181.97	129.39	6724.35	6361.88	41.84	-7.82	197.40	-9.20	50.22	40.40	11.03	376.89	107.03	2468.70	102.74	23.48	82.50 209.70
LAVC2	LAVC	Control	417866.62	106406.29	17272.98	8861.33	113181.07	13596.81	117.04	5855.98	4392.34	51.09	4.79	336.20	10.25	30.33	<lod< td=""><td>8.10</td><td>533.93</td><td>113.03</td><td>2234.92</td><td>109.80</td><td>12.45</td><td>78.03 192.34</td></lod<>	8.10	533.93	113.03	2234.92	109.80	12.45	78.03 192.34
LAVC3	LAVC	Control	452727.51	107651.77	17314.55	5660.60	90256.47	14722.29	117.92	5928.63	6561.92	41.21	-15.79	369.42	10.52	30.54	41.11	8.31	505.90	114.78	2528.77	116.41	29.72	110.91 193.93
LAVC4	LAVC	Control	503725.29	128061.98	18881.18	<lod< td=""><td>75374.31</td><td>14412.26</td><td>43.84</td><td>6459.74</td><td>5110.77</td><td>35.21</td><td>-9.73</td><td>291.38</td><td>-8.09</td><td>44.53</td><td>36.67</td><td>9.11</td><td>442.37</td><td>117.89</td><td>2448.36</td><td>107.53</td><td>56.80</td><td>67.91 184.03</td></lod<>	75374.31	14412.26	43.84	6459.74	5110.77	35.21	-9.73	291.38	-8.09	44.53	36.67	9.11	442.37	117.89	2448.36	107.53	56.80	67.91 184.03
LAVC5	LAVC	Control	547540.22	156873.69	26640.31	6489.81	64174.18	15066.58	83.13	7720.85	7633.80	65.11	-5.13	304.23	10.35	73.13	62.88	11.58	643.04	122.95	2852.71	113.11	91.54	105.86 224.38
LAVC6	LAVC	Control	493262.94	130426.71	18917.05	<lod< td=""><td>72705.55</td><td>13851.68</td><td>34.18</td><td>6227.50</td><td>4108.00</td><td>16.72</td><td>7.06</td><td>325.29</td><td>-9.72</td><td>40.69</td><td><lod< td=""><td>7.78</td><td>266.83</td><td>120.91</td><td>1327.68</td><td>96.70</td><td>40.64</td><td>77.32 177.10</td></lod<></td></lod<>	72705.55	13851.68	34.18	6227.50	4108.00	16.72	7.06	325.29	-9.72	40.69	<lod< td=""><td>7.78</td><td>266.83</td><td>120.91</td><td>1327.68</td><td>96.70</td><td>40.64</td><td>77.32 177.10</td></lod<>	7.78	266.83	120.91	1327.68	96.70	40.64	77.32 177.10
LAVC7	LAVC	Control	540127.69	151970.14	22637.47	<lod< td=""><td>69232.67</td><td>14928.75</td><td>108.58</td><td>7723.66</td><td>6382.85</td><td>31.11</td><td>-12.95</td><td>309.70</td><td>-5.26</td><td>50.95</td><td>45.47</td><td>13.04</td><td>254.94</td><td>128.24</td><td>2526.57</td><td>112.64</td><td>73.32</td><td>79.55 220.68</td></lod<>	69232.67	14928.75	108.58	7723.66	6382.85	31.11	-12.95	309.70	-5.26	50.95	45.47	13.04	254.94	128.24	2526.57	112.64	73.32	79.55 220.68
LAVC8	LAVC	Control	503983.56	132552.86	44308.29	8320.46	63369.73	16084.48	157.71	7294.08	7173.18	85.30	-13.34	271.55	-6.92	84.32	34.27	12.36	434.44	129.06	11726.35	122.30	97.57	68.30 207.94
LAVC9	LAVC	Control	486556.93	117989.10	18891.74	<lod< td=""><td>66373.39</td><td>13806.52</td><td>174.29</td><td>6608.35</td><td>3140.66</td><td>25.43</td><td>-4.69</td><td>294.38</td><td>-7.41</td><td>48.66</td><td>32.71</td><td>10.83</td><td>437.75</td><td>116.71</td><td>1431.48</td><td>105.03</td><td>27.55</td><td>73.57 195.44</td></lod<>	66373.39	13806.52	174.29	6608.35	3140.66	25.43	-4.69	294.38	-7.41	48.66	32.71	10.83	437.75	116.71	1431.48	105.03	27.55	73.57 195.44
LAVC10	LAVC	Control	459228.88	101882.38	26222.70	<lod< td=""><td>79140.93</td><td>19994.30</td><td>35.82</td><td>7131.60</td><td>10650.93</td><td>250.54</td><td>-16.73</td><td>399.72</td><td>-6.59</td><td>53.23</td><td>76.81</td><td>15.56</td><td>3792.17</td><td>146.40</td><td>3803.20</td><td>111.88</td><td>53.15</td><td>49.22 265.42</td></lod<>	79140.93	19994.30	35.82	7131.60	10650.93	250.54	-16.73	399.72	-6.59	53.23	76.81	15.56	3792.17	146.40	3803.20	111.88	53.15	49.22 265.42
LAVC11	LAVC	Control	423126.18	108422.93	21465.25	<lod< td=""><td>50268.71</td><td>14201.10</td><td>22.65</td><td>6266.02</td><td>9649.42</td><td>316.03</td><td>-23.09</td><td>159.63</td><td>-3.80</td><td>38.09</td><td>37.04</td><td>8.50</td><td>2616.89</td><td>116.02</td><td>11223.19</td><td>94.39</td><td>43.81</td><td>45.29 185.24</td></lod<>	50268.71	14201.10	22.65	6266.02	9649.42	316.03	-23.09	159.63	-3.80	38.09	37.04	8.50	2616.89	116.02	11223.19	94.39	43.81	45.29 185.24
LAVC12	LAVC	Control	470564.55	127743.94	21610.47	<lod< td=""><td>44804.20</td><td>15196.46</td><td>-34.97</td><td>7189.57</td><td>3082.87</td><td>32.52</td><td>-35.65</td><td>124.96</td><td>-8.53</td><td>34.40</td><td>41.88</td><td>12.02</td><td>248.50</td><td>120.77</td><td>4741.74</td><td>89.80</td><td>52.17</td><td>60.56 191.55</td></lod<>	44804.20	15196.46	-34.97	7189.57	3082.87	32.52	-35.65	124.96	-8.53	34.40	41.88	12.02	248.50	120.77	4741.74	89.80	52.17	60.56 191.55
LAVC13	LAVC	Control	466880.31	115500.88	22912.12	<lod< td=""><td>52878.66</td><td>14758.00</td><td><lod< td=""><td>7022.15</td><td>6487.31</td><td>49.62</td><td>-26.03</td><td>297.47</td><td>-5.44</td><td>37.31</td><td>35.14</td><td>11.21</td><td>324.06</td><td>122.68</td><td>6637.06</td><td>121.60</td><td>56.03</td><td>112.28 188.25</td></lod<></td></lod<>	52878.66	14758.00	<lod< td=""><td>7022.15</td><td>6487.31</td><td>49.62</td><td>-26.03</td><td>297.47</td><td>-5.44</td><td>37.31</td><td>35.14</td><td>11.21</td><td>324.06</td><td>122.68</td><td>6637.06</td><td>121.60</td><td>56.03</td><td>112.28 188.25</td></lod<>	7022.15	6487.31	49.62	-26.03	297.47	-5.44	37.31	35.14	11.21	324.06	122.68	6637.06	121.60	56.03	112.28 188.25
LAVC14	LAVC	Control	666240.89	167194.93	22815.89	<lod< td=""><td>28291.69</td><td>14165.38</td><td><lod< td=""><td>7886.05</td><td>6082.01</td><td>58.37</td><td>-8.07</td><td>264.88</td><td>10.70</td><td>56.79</td><td>30.09</td><td>11.40</td><td>426.05</td><td>113.17</td><td>2161.82</td><td>114.03</td><td>58.26</td><td>39.76 210.07</td></lod<></td></lod<>	28291.69	14165.38	<lod< td=""><td>7886.05</td><td>6082.01</td><td>58.37</td><td>-8.07</td><td>264.88</td><td>10.70</td><td>56.79</td><td>30.09</td><td>11.40</td><td>426.05</td><td>113.17</td><td>2161.82</td><td>114.03</td><td>58.26</td><td>39.76 210.07</td></lod<>	7886.05	6082.01	58.37	-8.07	264.88	10.70	56.79	30.09	11.40	426.05	113.17	2161.82	114.03	58.26	39.76 210.07
LAVC15	LAVC	Control	607405.24	149896.08	22431.44	5510.56	28354.69	14464.00	<lod< td=""><td>6764.43</td><td>7173.13</td><td>361.61</td><td>-7.76</td><td>236.57</td><td>-7.36</td><td>52.78</td><td><lod< td=""><td>9.31</td><td>3033.61</td><td>107.93</td><td>7802.93</td><td>92.44</td><td>11.80</td><td>51.01 195.23</td></lod<></td></lod<>	6764.43	7173.13	361.61	-7.76	236.57	-7.36	52.78	<lod< td=""><td>9.31</td><td>3033.61</td><td>107.93</td><td>7802.93</td><td>92.44</td><td>11.80</td><td>51.01 195.23</td></lod<>	9.31	3033.61	107.93	7802.93	92.44	11.80	51.01 195.23
LAVC16	LAVC	Control	541183.08	130088.69	27766.13	<lod< td=""><td>39998.91</td><td>17867.66</td><td>124.48</td><td>6975.58</td><td>3098.18</td><td>339.13</td><td>9.22</td><td>249.71</td><td>11.01</td><td>59.97</td><td>19.01</td><td>12.95</td><td>2898.27</td><td>117.08</td><td>4024.44</td><td>99.06</td><td>32.10</td><td>61.73 209.03</td></lod<>	39998.91	17867.66	124.48	6975.58	3098.18	339.13	9.22	249.71	11.01	59.97	19.01	12.95	2898.27	117.08	4024.44	99.06	32.10	61.73 209.03
LAVC17	LAVC	Control	700277.24	177119.16	21386.73	3715.09	15701.35	14385.25	<lod< td=""><td>7706.57</td><td>3596.99</td><td>33.59</td><td>-3.02</td><td>286.83</td><td>-9.98</td><td>42.82</td><td>24.83</td><td>11.44</td><td>229.44</td><td>115.50</td><td>1781.83</td><td>97.52</td><td>55.24</td><td>35.59 206.56</td></lod<>	7706.57	3596.99	33.59	-3.02	286.83	-9.98	42.82	24.83	11.44	229.44	115.50	1781.83	97.52	55.24	35.59 206.56
LAVC18	LAVC	Control	625199.84	144021.99	19714.71	8119.97	41254.71	18012.12	188.79	7217.56	353.04	3598.41	66.37	251.43	-7.25	41.93	216.06	10.03	29164.87	118.46	-377.89	88.73	37.44	34.63 174.75
LAVC19	LAVC	Control	468260.74	127497.78	22999.88	<lod< td=""><td>77261.67</td><td>13526.41</td><td>116.34</td><td>6417.47</td><td>7594.34</td><td>39.92</td><td>4.26</td><td>233.84</td><td>10.73</td><td>29.30</td><td><lod< td=""><td>11.88</td><td>338.58</td><td>114.77</td><td>2406.20</td><td>100.50</td><td>21.78</td><td>83.05 209.88</td></lod<></td></lod<>	77261.67	13526.41	116.34	6417.47	7594.34	39.92	4.26	233.84	10.73	29.30	<lod< td=""><td>11.88</td><td>338.58</td><td>114.77</td><td>2406.20</td><td>100.50</td><td>21.78</td><td>83.05 209.88</td></lod<>	11.88	338.58	114.77	2406.20	100.50	21.78	83.05 209.88
LAVC20	LAVC	Control	448732.11	125359.34	22102.89	9869.17	93702.51	14307.97	102.49	6788.34	11942.69	66.42	-4.54	292.03	-4.26	50.45	25.98	9.05	777.78	114.05	2108.29	123.39	44.37	114.69 196.32
LAVC21	LAVC	Control	585582.64	147668.70	19544.73	6644.57	30242.98	17182.59	98.08	7263.90	6584.33	182.44	-7.78	294.97	-5.09	40.39	35.46	9.22	1856.67	115.87	855.63	117.74	46.97	53.49 157.85
LAVC22	LAVC	Control	521518.93	140986.24	23779.38	<lod< td=""><td>68365.21</td><td>14395.87</td><td>125.38</td><td>7325.37</td><td>3730.24</td><td>16.23</td><td>-5.34</td><td>248.03</td><td>-6.35</td><td>57.95</td><td>22.02</td><td>7.57</td><td>246.85</td><td>108.67</td><td>214.44</td><td>106.98</td><td>33.75</td><td>99.94 215.35</td></lod<>	68365.21	14395.87	125.38	7325.37	3730.24	16.23	-5.34	248.03	-6.35	57.95	22.02	7.57	246.85	108.67	214.44	106.98	33.75	99.94 215.35
LAVC23	LAVC	Control	437369.92	106794.90	17185.10	<lod< td=""><td>80868.21</td><td>16998.42</td><td>39.91</td><td>5915.65</td><td>7142.11</td><td>1143.99</td><td>-5.21</td><td>355.09</td><td>2.22</td><td>26.04</td><td>27.09</td><td>6.68</td><td>8440.54</td><td>117.76</td><td>18126.18</td><td>97.64</td><td>23.70</td><td>54.65 178.79</td></lod<>	80868.21	16998.42	39.91	5915.65	7142.11	1143.99	-5.21	355.09	2.22	26.04	27.09	6.68	8440.54	117.76	18126.18	97.64	23.70	54.65 178.79
LAVC24	LAVC	Control	517296.87	152851.33	25785.26	3582.29	30642.40	13749.82	39.99	7801.46	3778.45	0.73	-5.33	250.23	-5.85	72.26	22.86	9.34	57.14	109.27	-429.95	104.39	56.62	85.44 197.49
LAVC25	LAVC	Control	373560.08	89073.69	15939.44	<lod< td=""><td>149353.76</td><td>14132.21</td><td>664.26</td><td>5415.43</td><td>5656.47</td><td>48.82</td><td>-4.29</td><td>315.93</td><td>10.63</td><td>0.80</td><td>23.50</td><td>8.56</td><td>453.42</td><td>112.66</td><td>1246.07</td><td>126.06</td><td>-5.83</td><td>72.89 193.13</td></lod<>	149353.76	14132.21	664.26	5415.43	5656.47	48.82	-4.29	315.93	10.63	0.80	23.50	8.56	453.42	112.66	1246.07	126.06	-5.83	72.89 193.13
LAVC26	LAVC	Control	446828.47	110363.99	20142.75	5727.98	105723.34	13903.06	76.04	6105.61	5930.39	54.11	-0.15	237.93	-7.04	35.77	38.49	7.80	533.57	113.72	2996.14	102.92	16.49	71.63 195.06
LAVC27	LAVC	Control	373222.25	101839.37	19570.46	19882.22	103739.12	15671.31	123.08	5414.21	10014.58	49.80	35.40	324.20	-4.27	20.04	473.32	8.36	947.43	111.54	3350.07	102.04	-1.36	55.39 201.68
LAVC28	LAVC	Control	466233.59	122328.90	21995.66	8922.19	82585.40	15681.40	<lod< td=""><td>6426.68</td><td>3822.45</td><td>112.16</td><td>0.18</td><td>229.67</td><td>-7.47</td><td>52.00</td><td>2894.11</td><td>10.52</td><td>682.81</td><td>119.84</td><td>4266.71</td><td>107.16</td><td>36.23</td><td>56.58 205.41</td></lod<>	6426.68	3822.45	112.16	0.18	229.67	-7.47	52.00	2894.11	10.52	682.81	119.84	4266.71	107.16	36.23	56.58 205.41
LAVC29	LAVC	Control	499056.12	121811.44	19791.27	<lod< td=""><td>63240.30</td><td>14411.83</td><td>150.11</td><td>6294.25</td><td>4577.40</td><td>44.59</td><td>-9.26</td><td>287.36</td><td>-7.63</td><td>34.32</td><td>24.68</td><td>7.28</td><td>629.32</td><td>106.37</td><td>1901.16</td><td>95.76</td><td>24.05</td><td>116.35 177.58</td></lod<>	63240.30	14411.83	150.11	6294.25	4577.40	44.59	-9.26	287.36	-7.63	34.32	24.68	7.28	629.32	106.37	1901.16	95.76	24.05	116.35 177.58
LAVC30	LAVC	Control	513220.07	120570.87	17902.77	<lod< td=""><td>35782.29</td><td>17772.92</td><td>123.75</td><td>7223.57</td><td>5444.38</td><td>178.14</td><td>-19.59</td><td>266.12</td><td>-8.57</td><td>56.65</td><td>42.73</td><td>8.06</td><td>4323.72</td><td>116.27</td><td>3996.29</td><td>88.09</td><td>55.20</td><td>65.82 180.18</td></lod<>	35782.29	17772.92	123.75	7223.57	5444.38	178.14	-19.59	266.12	-8.57	56.65	42.73	8.06	4323.72	116.27	3996.29	88.09	55.20	65.82 180.18

Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K₂O	*MnO	*TiO ₂	*P ₂ O ₅	*As	*Ag	*Ba	*Bi	*Cr	*Cu	*Nb	*Pb	*Rb	*S	*Sr	*V	*Zn *Zr
LAVC31	LAVC	Control	485441.91	107336.20	22768.37	12960.86	80521.20	24907.98	278.87	6795.38	9103.86	224.09	3.72	401.28	-3.53	53.11	18.59	14.13	6107.59	141.30	12381.06	104.33	61.21	48.57 263.61
LAVC32	LAVC	Control	389113.42	93479.61	16832.91	<lod< td=""><td>122452.67</td><td>14362.97</td><td>115.31</td><td>5909.13</td><td>3912.57</td><td>38.23</td><td>-21.21</td><td>346.02</td><td>10.00</td><td>34.46</td><td>19.03</td><td>8.84</td><td>371.66</td><td>113.80</td><td>1190.69</td><td>116.89</td><td>32.30</td><td>73.47 181.90</td></lod<>	122452.67	14362.97	115.31	5909.13	3912.57	38.23	-21.21	346.02	10.00	34.46	19.03	8.84	371.66	113.80	1190.69	116.89	32.30	73.47 181.90
LAVC33	LAVC	Control	401901.83	97112.24	18890.53	<lod< td=""><td>115526.15</td><td>19143.85</td><td>324.50</td><td>5190.31</td><td>6215.64</td><td>383.98</td><td>38.84</td><td>338.43</td><td>5.75</td><td>50.13</td><td><lod< td=""><td>6.95</td><td>21685.70</td><td>118.44</td><td>11433.16</td><td>99.77</td><td>15.70</td><td>113.39 165.22</td></lod<></td></lod<>	115526.15	19143.85	324.50	5190.31	6215.64	383.98	38.84	338.43	5.75	50.13	<lod< td=""><td>6.95</td><td>21685.70</td><td>118.44</td><td>11433.16</td><td>99.77</td><td>15.70</td><td>113.39 165.22</td></lod<>	6.95	21685.70	118.44	11433.16	99.77	15.70	113.39 165.22
LAVC34	LAVC	Control	439260.25	112594.13	25388.90	<lod< td=""><td>67480.93</td><td>15580.17</td><td>137.57</td><td>6328.24</td><td>3452.47</td><td>14.96</td><td>-6.84</td><td>298.84</td><td>12.66</td><td>52.28</td><td><lod< td=""><td>9.09</td><td>185.90</td><td>122.63</td><td>771.62</td><td>121.14</td><td>38.79</td><td>78.15 181.55</td></lod<></td></lod<>	67480.93	15580.17	137.57	6328.24	3452.47	14.96	-6.84	298.84	12.66	52.28	<lod< td=""><td>9.09</td><td>185.90</td><td>122.63</td><td>771.62</td><td>121.14</td><td>38.79</td><td>78.15 181.55</td></lod<>	9.09	185.90	122.63	771.62	121.14	38.79	78.15 181.55
LAVC35	LAVC	Control	483105.95	121691.31	22702.47	7093.67	66146.32	13048.03	61.68	7017.69	4188.84	67.29	-9.88	302.38	-9.40	63.28	18.81	11.35	575.43	102.75	1797.14	110.56	63.10	60.11 203.34
LAVC36	LAVC	Control	346809.17	87103.08	15675.35	<lod< td=""><td>170736.09</td><td>15911.29</td><td>269.03</td><td>5265.28</td><td>9268.52</td><td>103.32</td><td>-22.95</td><td>238.23</td><td>-9.65</td><td>36.91</td><td>18.22</td><td>7.75</td><td>1108.03</td><td>113.93</td><td>3605.64</td><td>131.97</td><td>6.89</td><td>82.66 193.99</td></lod<>	170736.09	15911.29	269.03	5265.28	9268.52	103.32	-22.95	238.23	-9.65	36.91	18.22	7.75	1108.03	113.93	3605.64	131.97	6.89	82.66 193.99
LAVC37	LAVC	Control	465987.50	133000.33	26176.32	<lod< td=""><td>75346.05</td><td>12802.91</td><td>146.63</td><td>7152.62</td><td>4763.37</td><td>58.15</td><td>-26.62</td><td>335.83</td><td>12.89</td><td>75.80</td><td>43.86</td><td>9.50</td><td>525.38</td><td>112.15</td><td>1401.77</td><td>131.81</td><td>57.52</td><td>112.28 194.88</td></lod<>	75346.05	12802.91	146.63	7152.62	4763.37	58.15	-26.62	335.83	12.89	75.80	43.86	9.50	525.38	112.15	1401.77	131.81	57.52	112.28 194.88
LAVC38	LAVC	Control	437403.89	114523.65	21413.70	<lod< td=""><td>102504.67</td><td>13813.80</td><td>96.21</td><td>6057.99</td><td>3462.03</td><td>42.95</td><td>-16.67</td><td>204.23</td><td>10.36</td><td>48.26</td><td>21.77</td><td>9.97</td><td>435.27</td><td>111.49</td><td>1995.08</td><td>104.24</td><td>22.76</td><td>57.25 193.81</td></lod<>	102504.67	13813.80	96.21	6057.99	3462.03	42.95	-16.67	204.23	10.36	48.26	21.77	9.97	435.27	111.49	1995.08	104.24	22.76	57.25 193.81
LAVC39	LAVC	Control	429203.78	95739.77	15929.64	<lod< td=""><td>118474.37</td><td>13898.58</td><td>151.60</td><td>5250.03</td><td>3454.99</td><td>51.50</td><td>-11.11</td><td>296.71</td><td>10.58</td><td>19.80</td><td>17.47</td><td>8.04</td><td>569.01</td><td>113.28</td><td>1251.74</td><td>127.68</td><td>17.00</td><td>52.47 184.37</td></lod<>	118474.37	13898.58	151.60	5250.03	3454.99	51.50	-11.11	296.71	10.58	19.80	17.47	8.04	569.01	113.28	1251.74	127.68	17.00	52.47 184.37
LAVC40	LAVC	Control	464391.33	109393.74	16310.61	<lod< td=""><td>73705.85</td><td>26485.48</td><td>123.61</td><td>5449.93</td><td>6634.22</td><td>487.49</td><td>-8.41</td><td>263.18</td><td>-4.25</td><td>0.08</td><td>28.13</td><td>6.74</td><td>8100.98</td><td>116.20</td><td>7844.24</td><td>91.89</td><td>25.25</td><td>82.37 161.22</td></lod<>	73705.85	26485.48	123.61	5449.93	6634.22	487.49	-8.41	263.18	-4.25	0.08	28.13	6.74	8100.98	116.20	7844.24	91.89	25.25	82.37 161.22
LAVC41	LAVC	Control	521738.75	138379.25	26465.75	<lod< td=""><td>56098.65</td><td>15380.77</td><td>127.95</td><td>6891.07</td><td>6294.88</td><td>23.46</td><td>-22.74</td><td>247.92</td><td>12.53</td><td>65.83</td><td><lod< td=""><td>9.29</td><td>330.52</td><td>108.67</td><td>353.30</td><td>111.62</td><td>53.69</td><td>103.39 196.62</td></lod<></td></lod<>	56098.65	15380.77	127.95	6891.07	6294.88	23.46	-22.74	247.92	12.53	65.83	<lod< td=""><td>9.29</td><td>330.52</td><td>108.67</td><td>353.30</td><td>111.62</td><td>53.69</td><td>103.39 196.62</td></lod<>	9.29	330.52	108.67	353.30	111.62	53.69	103.39 196.62
LAVC42	LAVC	Control	542540.54	147222.55	24388.23	4294.42	28413.19	15666.05	37.68	7756.73	2801.32	16.64	-29.59	215.80	14.76	54.05	24.82	9.41	175.04	115.31	195.31	101.09	64.36	78.83 191.25
LAVC43	LAVC	Control	530540.90	138906.81	31596.00	6676.27	78782.18	20707.57	206.57	7616.34	5773.26	24.29	-17.09	357.47	11.34	69.64	38.21	15.33	366.56	122.39	208.16	92.94	89.06	99.91 290.12
LAVC44	LAVC	Control	543087.20	164227.41	34933.54	4746.37	34417.23	17287.15	61.27	8239.53	4938.94	26.24	-7.25	296.01	11.09	79.85	<lod< td=""><td>11.91</td><td>481.94</td><td>120.36</td><td>225.85</td><td>85.61</td><td>80.86</td><td>103.32 213.71</td></lod<>	11.91	481.94	120.36	225.85	85.61	80.86	103.32 213.71
LAVC45	LAVC	Control	500734.40	143445.29	28576.89	6070.07	43235.86	16124.41	225.11	7708.16	3375.16	69.91	-17.65	244.75	-8.61	52.33	26.54	9.50	1823.58	113.35	974.99	105.81	39.01	107.04 195.03
LAVC46	LAVC	Control	488369.80	128726.78	23197.22	<lod< td=""><td>44199.63</td><td>14282.22</td><td>93.38</td><td>7137.17</td><td>3980.94</td><td>22.66</td><td>-18.00</td><td>264.39</td><td>12.84</td><td>41.12</td><td>41.17</td><td>9.08</td><td>649.51</td><td>108.87</td><td>102.03</td><td>107.55</td><td>36.35</td><td>111.13 192.71</td></lod<>	44199.63	14282.22	93.38	7137.17	3980.94	22.66	-18.00	264.39	12.84	41.12	41.17	9.08	649.51	108.87	102.03	107.55	36.35	111.13 192.71
LAVC47	LAVC	Control	463988.23	125799.74	26852.93	<lod< td=""><td>93945.84</td><td>15864.85</td><td>364.28</td><td>6498.31</td><td>6577.57</td><td>225.75</td><td>-20.58</td><td>189.39</td><td>-8.41</td><td>29.29</td><td>28.36</td><td>10.62</td><td>1334.58</td><td>114.47</td><td>7574.85</td><td>107.34</td><td>18.74</td><td>72.38 224.78</td></lod<>	93945.84	15864.85	364.28	6498.31	6577.57	225.75	-20.58	189.39	-8.41	29.29	28.36	10.62	1334.58	114.47	7574.85	107.34	18.74	72.38 224.78
LAVC48	LAVC	Control	525214.92	158954.81	28286.33	<lod< td=""><td>32299.51</td><td>14427.04</td><td><lod< td=""><td>7251.92</td><td>2138.44</td><td>7.80</td><td>-19.67</td><td>219.68</td><td>11.20</td><td>55.02</td><td>21.22</td><td>9.89</td><td>410.28</td><td>114.39</td><td>46.39</td><td>79.00</td><td>57.43</td><td>142.64 206.09</td></lod<></td></lod<>	32299.51	14427.04	<lod< td=""><td>7251.92</td><td>2138.44</td><td>7.80</td><td>-19.67</td><td>219.68</td><td>11.20</td><td>55.02</td><td>21.22</td><td>9.89</td><td>410.28</td><td>114.39</td><td>46.39</td><td>79.00</td><td>57.43</td><td>142.64 206.09</td></lod<>	7251.92	2138.44	7.80	-19.67	219.68	11.20	55.02	21.22	9.89	410.28	114.39	46.39	79.00	57.43	142.64 206.09
LAVC49	LAVC	Control	518631.32	115627.80	36240.73	<lod< td=""><td>50031.88</td><td>20256.31</td><td>553.71</td><td>7191.57</td><td>2545.28</td><td>17.15</td><td>1.20</td><td>340.46</td><td>15.35</td><td>54.92</td><td>40.29</td><td>14.23</td><td>343.39</td><td>120.45</td><td>892.58</td><td>76.50</td><td>77.51</td><td>113.82 283.01</td></lod<>	50031.88	20256.31	553.71	7191.57	2545.28	17.15	1.20	340.46	15.35	54.92	40.29	14.23	343.39	120.45	892.58	76.50	77.51	113.82 283.01
LAVC50	LAVC	Control	538146.47	145326.42	40471.46	7186.10	48084.60	20107.07	400.93	8302.52	2789.25	39.33	6.08	317.96	11.50	74.33	<lod< td=""><td>14.67</td><td>289.52</td><td>130.30</td><td>1002.86</td><td>77.05</td><td>77.45</td><td>82.72 259.99</td></lod<>	14.67	289.52	130.30	1002.86	77.05	77.45	82.72 259.99
LAVF1	LAVF	Control	479346.82	110471.68	18287.26	<lod< td=""><td>32611.58</td><td>19258.69</td><td><lod< td=""><td>7785.21</td><td>1715.49</td><td>33.26</td><td>-23.79</td><td>277.53</td><td>-9.59</td><td>75.62</td><td>20.25</td><td>13.09</td><td>3313.21</td><td>129.62</td><td>2454.47</td><td>87.35</td><td>66.33</td><td>32.53 239.34</td></lod<></td></lod<>	32611.58	19258.69	<lod< td=""><td>7785.21</td><td>1715.49</td><td>33.26</td><td>-23.79</td><td>277.53</td><td>-9.59</td><td>75.62</td><td>20.25</td><td>13.09</td><td>3313.21</td><td>129.62</td><td>2454.47</td><td>87.35</td><td>66.33</td><td>32.53 239.34</td></lod<>	7785.21	1715.49	33.26	-23.79	277.53	-9.59	75.62	20.25	13.09	3313.21	129.62	2454.47	87.35	66.33	32.53 239.34
LAVF2	LAVF	Control	553262.35	132291.72	17413.82	10929.36	51123.99	20899.97	121.49	7020.58	5774.23	505.79	15.90	384.90	-5.70	49.23	18.77	13.46	18348.95	134.62	17034.17	84.55	63.07	46.31 251.77
LAVF3	LAVF	Control	484697.49	128731.52	16812.57	5971.57	78282.94	19569.16	122.16	7893.50	11165.33	221.25	6.85	385.61	-9.49	64.81	<lod< td=""><td>16.18</td><td>1827.96</td><td>137.82</td><td>10875.29</td><td>83.50</td><td>172.36</td><td>63.47 276.28</td></lod<>	16.18	1827.96	137.82	10875.29	83.50	172.36	63.47 276.28
LAVF4	LAVF	Control	642278.17	169579.40	16095.24	<lod< td=""><td>28689.91</td><td>22090.20</td><td>73.24</td><td>9088.27</td><td>4853.24</td><td><lod< td=""><td>11.02</td><td>290.97</td><td>11.09</td><td>78.65</td><td><lod< td=""><td>15.53</td><td>1180.80</td><td>132.76</td><td>2022.85</td><td>78.21</td><td>75.06</td><td>39.88 265.15</td></lod<></td></lod<></td></lod<>	28689.91	22090.20	73.24	9088.27	4853.24	<lod< td=""><td>11.02</td><td>290.97</td><td>11.09</td><td>78.65</td><td><lod< td=""><td>15.53</td><td>1180.80</td><td>132.76</td><td>2022.85</td><td>78.21</td><td>75.06</td><td>39.88 265.15</td></lod<></td></lod<>	11.02	290.97	11.09	78.65	<lod< td=""><td>15.53</td><td>1180.80</td><td>132.76</td><td>2022.85</td><td>78.21</td><td>75.06</td><td>39.88 265.15</td></lod<>	15.53	1180.80	132.76	2022.85	78.21	75.06	39.88 265.15
LAVF5	LAVF	Control	480460.99	119533.12	18955.37	23151.48	21050.58	23525.14	137.83	8539.80	17857.45	45.47	-10.89	312.83	-7.47	60.58	<lod< td=""><td>14.54</td><td>599.32</td><td>135.27</td><td>5183.05</td><td>84.96</td><td>86.08</td><td>44.87 244.39</td></lod<>	14.54	599.32	135.27	5183.05	84.96	86.08	44.87 244.39
LAVF6	LAVF	Control	614945.93	147732.98	16520.77	<lod< td=""><td>26143.74</td><td>21927.27</td><td>136.03</td><td>8539.55</td><td>6929.40</td><td>207.39</td><td>-20.50</td><td>342.61</td><td>8.57</td><td>62.54</td><td><lod< td=""><td>15.84</td><td>3710.14</td><td>136.64</td><td>5019.60</td><td>83.25</td><td>66.24</td><td>58.12 274.18</td></lod<></td></lod<>	26143.74	21927.27	136.03	8539.55	6929.40	207.39	-20.50	342.61	8.57	62.54	<lod< td=""><td>15.84</td><td>3710.14</td><td>136.64</td><td>5019.60</td><td>83.25</td><td>66.24</td><td>58.12 274.18</td></lod<>	15.84	3710.14	136.64	5019.60	83.25	66.24	58.12 274.18
LAVF7	LAVF	Control	474117.97	118656.85	19591.36	<lod< td=""><td>59059.86</td><td>19203.26</td><td><lod< td=""><td>8088.03</td><td>3958.69</td><td>78.04</td><td>-14.27</td><td>283.33</td><td>-0.76</td><td>65.83</td><td>19.22</td><td>16.62</td><td>3417.53</td><td>137.14</td><td>6812.89</td><td>96.25</td><td>57.05</td><td>45.49 315.85</td></lod<></td></lod<>	59059.86	19203.26	<lod< td=""><td>8088.03</td><td>3958.69</td><td>78.04</td><td>-14.27</td><td>283.33</td><td>-0.76</td><td>65.83</td><td>19.22</td><td>16.62</td><td>3417.53</td><td>137.14</td><td>6812.89</td><td>96.25</td><td>57.05</td><td>45.49 315.85</td></lod<>	8088.03	3958.69	78.04	-14.27	283.33	-0.76	65.83	19.22	16.62	3417.53	137.14	6812.89	96.25	57.05	45.49 315.85
LAVF8	LAVF	Control	458502.76	125853.04	23479.48	<lod< td=""><td>116119.76</td><td>20717.14</td><td>209.88</td><td>8847.79</td><td>6645.28</td><td>95.58</td><td>-14.87</td><td>385.93</td><td>-5.73</td><td>90.38</td><td>38.33</td><td>17.92</td><td>713.99</td><td>144.87</td><td>4564.79</td><td>120.18</td><td>102.81</td><td>79.75 275.27</td></lod<>	116119.76	20717.14	209.88	8847.79	6645.28	95.58	-14.87	385.93	-5.73	90.38	38.33	17.92	713.99	144.87	4564.79	120.18	102.81	79.75 275.27
LAVF9	LAVF	Control	597816.14	158335.07	21676.91	5376.15	42032.69	20302.48	<lod< td=""><td>8720.16</td><td>2850.27</td><td>-5.01</td><td>-15.47</td><td>301.85</td><td>11.57</td><td>71.11</td><td><lod< td=""><td>14.68</td><td>316.77</td><td>132.72</td><td>1293.99</td><td>85.18</td><td>82.93</td><td>40.30 245.14</td></lod<></td></lod<>	8720.16	2850.27	-5.01	-15.47	301.85	11.57	71.11	<lod< td=""><td>14.68</td><td>316.77</td><td>132.72</td><td>1293.99</td><td>85.18</td><td>82.93</td><td>40.30 245.14</td></lod<>	14.68	316.77	132.72	1293.99	85.18	82.93	40.30 245.14
LAVF10	LAVF	Control	575965.48	132701.64	26980.17	<lod< td=""><td>39170.18</td><td>21860.57</td><td>111.52</td><td>9551.17</td><td>8315.75</td><td><lod< td=""><td><lod< td=""><td>265.42</td><td>-4.18</td><td>74.98</td><td><lod< td=""><td>14.57</td><td>1664.12</td><td>157.36</td><td>1756.63</td><td>101.22</td><td>66.45</td><td>89.75 305.89</td></lod<></td></lod<></td></lod<></td></lod<>	39170.18	21860.57	111.52	9551.17	8315.75	<lod< td=""><td><lod< td=""><td>265.42</td><td>-4.18</td><td>74.98</td><td><lod< td=""><td>14.57</td><td>1664.12</td><td>157.36</td><td>1756.63</td><td>101.22</td><td>66.45</td><td>89.75 305.89</td></lod<></td></lod<></td></lod<>	<lod< td=""><td>265.42</td><td>-4.18</td><td>74.98</td><td><lod< td=""><td>14.57</td><td>1664.12</td><td>157.36</td><td>1756.63</td><td>101.22</td><td>66.45</td><td>89.75 305.89</td></lod<></td></lod<>	265.42	-4.18	74.98	<lod< td=""><td>14.57</td><td>1664.12</td><td>157.36</td><td>1756.63</td><td>101.22</td><td>66.45</td><td>89.75 305.89</td></lod<>	14.57	1664.12	157.36	1756.63	101.22	66.45	89.75 305.89
LAVF11	LAVF	Control	397860.23	96640.87	18626.64	<lod< td=""><td>117345.40</td><td>17930.57</td><td>-4.88</td><td>7275.73</td><td>6055.41</td><td><lod< td=""><td>-27.03</td><td>235.18</td><td>0.78</td><td>57.67</td><td>156.84</td><td>17.04</td><td>5093.42</td><td>136.36</td><td>10322.44</td><td>102.84</td><td>7.58</td><td>54.16 328.28</td></lod<></td></lod<>	117345.40	17930.57	-4.88	7275.73	6055.41	<lod< td=""><td>-27.03</td><td>235.18</td><td>0.78</td><td>57.67</td><td>156.84</td><td>17.04</td><td>5093.42</td><td>136.36</td><td>10322.44</td><td>102.84</td><td>7.58</td><td>54.16 328.28</td></lod<>	-27.03	235.18	0.78	57.67	156.84	17.04	5093.42	136.36	10322.44	102.84	7.58	54.16 328.28
LAVF12	LAVF	Control	489729.89	111258.01	19760.03	12857.70	73410.16	19570.15	52.17	7424.04	5889.12	75.35	0.59	355.30	-5.75	54.01	<lod< td=""><td>14.48</td><td>750.19</td><td>135.59</td><td>3315.00</td><td>86.36</td><td>25.33</td><td>61.14 252.37</td></lod<>	14.48	750.19	135.59	3315.00	86.36	25.33	61.14 252.37
LAVF13	LAVF	Control	397313.17	87522.81	22597.35	15822.91	98460.52	18729.82	53.22	6617.20	3294.66	881.98	-14.03	325.79	-5.92	56.50	46.33	14.20	4179.84	130.67	14671.81	80.47	-17.15	46.91 282.83
LAVF14	LAVF	Control	446586.40	102094.75	16921.96	<lod< td=""><td>89804.64</td><td>19475.45</td><td>24.62</td><td>7788.81</td><td>6645.65</td><td>172.09</td><td>-27.87</td><td>259.69</td><td>-5.93</td><td>56.01</td><td>27.42</td><td>15.68</td><td>2780.13</td><td>131.65</td><td>11382.62</td><td>84.30</td><td>22.03</td><td>61.21 294.43</td></lod<>	89804.64	19475.45	24.62	7788.81	6645.65	172.09	-27.87	259.69	-5.93	56.01	27.42	15.68	2780.13	131.65	11382.62	84.30	22.03	61.21 294.43
LAVF15	LAVF	Control	523597.48	137294.50	20566.26	5074.10	56675.28	20731.14	-7.05	9474.72	3431.51	7.47	-11.11	332.07	-2.30	67.67	<lod< td=""><td>17.62</td><td>1702.97</td><td>140.51</td><td>3488.06</td><td>96.80</td><td>54.18</td><td>47.90 277.82</td></lod<>	17.62	1702.97	140.51	3488.06	96.80	54.18	47.90 277.82
LAVF16	LAVF	Control	594399.68	146804.95	17845.17	4913.35	30310.54	22232.85	<lod< td=""><td>9618.46</td><td>2681.39</td><td>31.13</td><td>-28.68</td><td>318.27</td><td>-1.20</td><td>64.04</td><td>55.67</td><td>14.53</td><td>3080.27</td><td>133.66</td><td>2004.90</td><td>87.76</td><td>53.02</td><td>58.27 272.57</td></lod<>	9618.46	2681.39	31.13	-28.68	318.27	-1.20	64.04	55.67	14.53	3080.27	133.66	2004.90	87.76	53.02	58.27 272.57
LAVF17	LAVF	Control	627270.14	155922.29	19418.52	5601.80	18757.52	23938.40	<lod< td=""><td>9940.85</td><td>4563.35</td><td>92.52</td><td>-44.23</td><td>206.62</td><td>-3.63</td><td>69.47</td><td>98.01</td><td>17.97</td><td>6847.74</td><td>138.56</td><td>10625.32</td><td>89.99</td><td>39.03</td><td>39.52 338.03</td></lod<>	9940.85	4563.35	92.52	-44.23	206.62	-3.63	69.47	98.01	17.97	6847.74	138.56	10625.32	89.99	39.03	39.52 338.03
LAVF18	LAVF	Control	630143.81	170745.11	22001.10	6978.74	25894.55	21723.85	82.51	9441.63	6321.76	<lod< td=""><td>-30.18</td><td>370.66</td><td>0.35</td><td>76.31</td><td>43.19</td><td>14.76</td><td>2244.64</td><td>131.01</td><td>952.41</td><td>90.51</td><td>47.99</td><td>114.31 292.71</td></lod<>	-30.18	370.66	0.35	76.31	43.19	14.76	2244.64	131.01	952.41	90.51	47.99	114.31 292.71
LAVF19	LAVF	Control	603298.75	163597.06	26772.71	5023.02	27331.80	21160.99	32.71	9428.65	3447.89	29.21	-46.58	281.58	-7.40	92.85	<lod< td=""><td>16.71</td><td>1167.80</td><td>141.15</td><td>1299.08</td><td>85.58</td><td>51.53</td><td>48.00 280.85</td></lod<>	16.71	1167.80	141.15	1299.08	85.58	51.53	48.00 280.85
LAVF20	LAVF	Control	636911.61	173264.79	26857.62	6025.04	12660.91	19609.22	<lod< td=""><td>9467.41</td><td>2215.02</td><td>18.52</td><td>-11.83</td><td>285.41</td><td>10.00</td><td>67.14</td><td>21.57</td><td>14.64</td><td>1200.21</td><td>133.19</td><td>487.88</td><td>75.49</td><td>79.53</td><td>41.53 271.13</td></lod<>	9467.41	2215.02	18.52	-11.83	285.41	10.00	67.14	21.57	14.64	1200.21	133.19	487.88	75.49	79.53	41.53 271.13
LAVF21	LAVF	Control	571238.18	141748.16	18455.71	<lod< td=""><td>26255.00</td><td>20130.71</td><td>137.34</td><td>8245.92</td><td>2703.18</td><td>384.89</td><td>-36.13</td><td>340.37</td><td>-1.92</td><td>39.61</td><td>30.92</td><td>15.72</td><td>3299.02</td><td>145.91</td><td>5522.50</td><td>97.02</td><td>45.23</td><td>40.17 294.50</td></lod<>	26255.00	20130.71	137.34	8245.92	2703.18	384.89	-36.13	340.37	-1.92	39.61	30.92	15.72	3299.02	145.91	5522.50	97.02	45.23	40.17 294.50
LAVF22	LAVF	Control	491959.83	115331.18	21082.63	6988.14	72456.03	21035.17	163.17	7748.30	9477.52	16.19	2.41	337.16	-3.52	42.24	242.47	14.82	4942.35	137.93	6937.20	87.98	71.16	51.47 261.66
LAVF23	LAVF	Control	464877.61	107142.40	23765.08	5620.15	65788.54	20014.80	118.04	7755.66	4454.78	138.77	-6.03	392.73	-5.59	63.75	<lod< td=""><td>14.36</td><td>3330.72</td><td>136.39</td><td>11828.17</td><td>85.09</td><td>65.79</td><td>40.31 269.82</td></lod<>	14.36	3330.72	136.39	11828.17	85.09	65.79	40.31 269.82
LAVF24	LAVF	Control	450318.01	94386.41	17670.82	<lod< td=""><td>61112.37</td><td>18844.30</td><td>283.98</td><td>7378.01</td><td>1512.93</td><td><lod< td=""><td>25.45</td><td>302.84</td><td>2.65</td><td>40.00</td><td>34.33</td><td>13.55</td><td>8017.41</td><td>130.11</td><td>5855.06</td><td>78.00</td><td>40.02</td><td>35.14 260.27</td></lod<></td></lod<>	61112.37	18844.30	283.98	7378.01	1512.93	<lod< td=""><td>25.45</td><td>302.84</td><td>2.65</td><td>40.00</td><td>34.33</td><td>13.55</td><td>8017.41</td><td>130.11</td><td>5855.06</td><td>78.00</td><td>40.02</td><td>35.14 260.27</td></lod<>	25.45	302.84	2.65	40.00	34.33	13.55	8017.41	130.11	5855.06	78.00	40.02	35.14 260.27
LAVF25	LAVE	Control	428614.28	94247.29	14812.03	26588.00	24333.32	18193.26	301.17	6759.92	10799.55	1949.39	6.96	357.88	-5.26	25.84	34.81	14.33	9127.91	141.62	60373.42	80.04	62.52	29.85 291.12
LAVF26	LAVF	Control	464535.61	99731.94	15844.01	<lod< td=""><td>42071.35</td><td>19456.35</td><td><lod< td=""><td>8126.09</td><td>4585.33</td><td>203.39</td><td>-5.25</td><td>273.56</td><td>-7.84</td><td>50.80</td><td>165.43</td><td>12.78</td><td>6589.94</td><td>132.71</td><td>4890.05</td><td>81.22</td><td>50.21</td><td>27.37 283.60</td></lod<></td></lod<>	42071.35	19456.35	<lod< td=""><td>8126.09</td><td>4585.33</td><td>203.39</td><td>-5.25</td><td>273.56</td><td>-7.84</td><td>50.80</td><td>165.43</td><td>12.78</td><td>6589.94</td><td>132.71</td><td>4890.05</td><td>81.22</td><td>50.21</td><td>27.37 283.60</td></lod<>	8126.09	4585.33	203.39	-5.25	273.56	-7.84	50.80	165.43	12.78	6589.94	132.71	4890.05	81.22	50.21	27.37 283.60
LAVF27	LAVE	Control	440523.81	102476.19	18403.35	<lod< td=""><td>93496.82</td><td>17441.44</td><td>239.58</td><td>6520.24</td><td>3661.34</td><td>34.45</td><td>-6.52</td><td>333.92</td><td>10.47</td><td>30.02</td><td><lod< td=""><td>14.30</td><td>823.69</td><td>128.17</td><td>4888.76</td><td>82.53</td><td>38.44</td><td>43.42 271.90</td></lod<></td></lod<>	93496.82	17441.44	239.58	6520.24	3661.34	34.45	-6.52	333.92	10.47	30.02	<lod< td=""><td>14.30</td><td>823.69</td><td>128.17</td><td>4888.76</td><td>82.53</td><td>38.44</td><td>43.42 271.90</td></lod<>	14.30	823.69	128.17	4888.76	82.53	38.44	43.42 271.90
LAVF28	LAVE	Control	568823.14	148989.80	22945.85	4985.93	53635.90	20276.24	85.97	9066.37	2818.85	22.78	-1.41	386.77	10.72	56.57	<lod< td=""><td>17.60</td><td>1317.97</td><td>141.62</td><td>5577.88</td><td>106.64</td><td>109.32</td><td>45.08 303.44</td></lod<>	17.60	1317.97	141.62	5577.88	106.64	109.32	45.08 303.44
LAVF29	LAVE	Control	489847.94	119851.03	17337.20	17119.39	84582.87	19245.21	<lod< td=""><td>7461.35</td><td>3891.51</td><td>34.14</td><td>-16.51</td><td>318.36</td><td>11.40</td><td>28.21</td><td><lod< td=""><td>17.50</td><td>728.25</td><td>135.81</td><td>3540.42</td><td>87.08</td><td>67.61</td><td>34.50 290.45</td></lod<></td></lod<>	7461.35	3891.51	34.14	-16.51	318.36	11.40	28.21	<lod< td=""><td>17.50</td><td>728.25</td><td>135.81</td><td>3540.42</td><td>87.08</td><td>67.61</td><td>34.50 290.45</td></lod<>	17.50	728.25	135.81	3540.42	87.08	67.61	34.50 290.45
LAVF30	LAVF	Control	540353.09	149960.60	19429.63	10803.70	74903.84	22404.98	109.26	8417.65	7879.53	<lod< td=""><td>-2.94</td><td>371.78</td><td>-8.92</td><td>39.70</td><td><lod< td=""><td>15.80</td><td>1338.49</td><td>139.80</td><td>2764.19</td><td>105.83</td><td>76.27</td><td>45.60 286.24</td></lod<></td></lod<>	-2.94	371.78	-8.92	39.70	<lod< td=""><td>15.80</td><td>1338.49</td><td>139.80</td><td>2764.19</td><td>105.83</td><td>76.27</td><td>45.60 286.24</td></lod<>	15.80	1338.49	139.80	2764.19	105.83	76.27	45.60 286.24

Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K ₂ O	*MnO	*TiO ₂	*P ₂ O ₅	*As	*Ag	*Ba	*Bi	*Cr	*Cu	*Nb	*Pb	*Rb	*S	*Sr	*V	*Zn *Z	.r
LAVF31	LAVF	Control	493759.21	127460.85	20695.53	12418.75	43437.85	26060.33	149.73	7600.05	9430.29	1170.37	-1.22	367.97	-7.71	38.63	<lod< td=""><td>15.28</td><td>7209.93</td><td>139.23</td><td>21165.44</td><td>99.18</td><td>83.25</td><td>86.60 252.</td><td>.67</td></lod<>	15.28	7209.93	139.23	21165.44	99.18	83.25	86.60 252.	.67
LAVF32	LAVF	Control	453761.81	117667.30	20288.49	16899.35	31747.02	24126.58	153.49	6630.08	25225.49	2246.57	-10.13	419.81	12.24	26.31	<lod< td=""><td>14.00</td><td>11749.42</td><td>141.18</td><td>42472.87</td><td>91.09</td><td>73.32</td><td>52.86 251.</td><td>.71</td></lod<>	14.00	11749.42	141.18	42472.87	91.09	73.32	52.86 251.	.71
LAVF33	LAVF	Control	472960.29	119903.86	21269.35	9642.14	34569.61	26059.18	206.65	7428.60	13612.19	1301.46	-18.43	368.47	11.06	40.75	96.20	17.90	8570.45	147.75	34771.22	101.03	205.06	123.48 264.	.83
LAVF34	LAVF	Control	614738.66	161291.70	20651.84	22105.31	40544.14	23287.29	239.81	8958.70	3572.64	4233.54	35.56	367.42	-1.01	62.80	36.54	17.75	24960.52	137.11	6434.27	98.07	72.95	39.02 289.	.17
LAVF35	LAVF	Control	589182.08	142442.03	23434.17	5095.66	51738.40	20008.83	<lod< td=""><td>7783.49</td><td>2262.34</td><td>35.47</td><td>-4.80</td><td>342.90</td><td>-13.30</td><td>46.22</td><td><lod< td=""><td>14.92</td><td>365.64</td><td>132.81</td><td>2874.97</td><td>78.60</td><td>73.49</td><td>38.37 259.</td><td>.40</td></lod<></td></lod<>	7783.49	2262.34	35.47	-4.80	342.90	-13.30	46.22	<lod< td=""><td>14.92</td><td>365.64</td><td>132.81</td><td>2874.97</td><td>78.60</td><td>73.49</td><td>38.37 259.</td><td>.40</td></lod<>	14.92	365.64	132.81	2874.97	78.60	73.49	38.37 259.	.40
LAVF36	LAVF	Control	555869.23	140639.18	22456.99	<lod< td=""><td>52819.33</td><td>21688.77</td><td>153.46</td><td>8142.99</td><td>2821.01</td><td>93.60</td><td>21.58</td><td>450.68</td><td>-4.31</td><td>33.15</td><td>33.75</td><td>15.15</td><td>1970.34</td><td>136.53</td><td>11108.61</td><td>97.48</td><td>67.42</td><td>37.22 262.</td><td>.88</td></lod<>	52819.33	21688.77	153.46	8142.99	2821.01	93.60	21.58	450.68	-4.31	33.15	33.75	15.15	1970.34	136.53	11108.61	97.48	67.42	37.22 262.	.88
LAVF37	LAVF	Control	483338.39	122633.94	19923.08	23544.70	50017.87	18973.92	244.03	7445.37	3912.66	5556.84	5.24	316.82	-0.20	69.97	278.20	13.53	5032.12	130.15	8018.44	79.76	54.01	40.54 226.	.17
LAVF38	LAVF	Control	697221.27	161084.80	20663.38	6593.95	36492.10	21604.44	<lod< td=""><td>8788.99</td><td>5965.44</td><td>471.76</td><td>-24.11</td><td>253.88</td><td>-5.06</td><td>45.59</td><td><lod< td=""><td>18.04</td><td>5853.48</td><td>136.50</td><td>10953.56</td><td>82.97</td><td>72.28</td><td>44.62 260.</td><td>.28</td></lod<></td></lod<>	8788.99	5965.44	471.76	-24.11	253.88	-5.06	45.59	<lod< td=""><td>18.04</td><td>5853.48</td><td>136.50</td><td>10953.56</td><td>82.97</td><td>72.28</td><td>44.62 260.</td><td>.28</td></lod<>	18.04	5853.48	136.50	10953.56	82.97	72.28	44.62 260.	.28
LAVF39	LAVF	Control	555062.04	143371.39	23093.53	<lod< td=""><td>48272.13</td><td>20563.83</td><td>206.40</td><td>8914.90</td><td>4111.58</td><td>83.91</td><td>-5.80</td><td>456.15</td><td>-8.20</td><td>78.56</td><td>25.20</td><td>16.26</td><td>929.92</td><td>147.42</td><td>4745.79</td><td>78.13</td><td>96.30</td><td>98.75 253.</td><td>.19</td></lod<>	48272.13	20563.83	206.40	8914.90	4111.58	83.91	-5.80	456.15	-8.20	78.56	25.20	16.26	929.92	147.42	4745.79	78.13	96.30	98.75 253.	.19
LAVF40	LAVF	Control	648398.29	189044.52	23714.00	5470.82	37359.76	18469.01	201.86	9030.21	2217.29	3.39	-17.10	287.79	-5.56	50.90	25.87	16.82	651.01	128.30	190.96	89.23	32.92	75.04 265.	.81
LAVF41	LAVF	Control	586654.94	172883.54	27835.41	7283.31	40627.66	18846.70	235.93	8941.11	5973.17	317.51	-4.96	347.30	1.17	75.42	44.56	15.11	3790.85	129.11	4083.45	80.93	70.53	56.75 247.	.97
LAVF42	LAVF	Control	632483.52	194636.05	30150.25	7089.90	31225.31	20454.87	118.95	9965.15	2716.79	27.76	-17.31	329.94	-2.23	72.32	<lod< td=""><td>16.67</td><td>1170.63</td><td>135.58</td><td>214.08</td><td>83.92</td><td>61.38</td><td>73.67 263.</td><td>.87</td></lod<>	16.67	1170.63	135.58	214.08	83.92	61.38	73.67 263.	.87
LAVF43	LAVF	Control	589284.73	162245.78	26057.39	9072.73	72452.17	19070.16	245.01	8655.54	3037.06	17.10	-2.17	237.01	-4.22	62.05	<lod< td=""><td>16.84</td><td>554.47</td><td>132.40</td><td>526.06</td><td>88.08</td><td>78.15</td><td>64.34 279.</td><td>.87</td></lod<>	16.84	554.47	132.40	526.06	88.08	78.15	64.34 279.	.87
LAVF44	LAVF	Control	569826.96	171454.40	22165.83	5837.06	80162.88	18423.33	289.81	7647.96	4019.39	50.40	-24.98	271.81	-3.37	49.23	27.46	17.11	2106.16	125.12	2025.05	75.57	49.95	83.90 338.	.01
LAVF45	LAVF	Control	636381.08	190120.66	28016.41	14437.04	55775.25	18939.99	225.46	9390.53	4338.68	58.58	-16.63	293.85	0.89	67.01	150.99	17.54	2078.86	131.86	2903.48	81.42	80.89	90.43 256.	.88
LAVF46	LAVF	Control	608280.25	179959.66	29176.52	4938.61	29869.41	19069.47	178.81	8852.51	2045.57	236.62	-9.49	292.93	-0.52	83.72	110.35	15.95	3002.27	127.37	3453.49	79.05	71.06	47.67 251.	.28
LAVF47	LAVF	Control	567114.46	159010.28	27617.89	6639.10	31969.06	19279.30	224.91	9571.84	2681.71	56.07	-6.50	344.57	-2.28	81.39	32.69	16.11	917.34	134.41	921.57	76.50	61.52	76.78 290.	.99
LAVF48	LAVF	Control	549411.35	177170.85	20816.06	5895.00	15233.69	21021.80	112.58	9816.38	4620.91	297.72	-32.93	362.97	2.42	67.63	56.72	16.75	3057.68	129.86	5355.16	84.93	46.90	62.89 298.	.63
LAVF49	LAVF	Control	556996.30	136838.06	27525.44	7563.18	59330.19	18909.86	258.89	8295.31	3010.35	18.40	-11.08	333.29	-4.02	62.10	<lod< td=""><td>15.34</td><td>458.92</td><td>136.06</td><td>460.73</td><td>92.25</td><td>60.18</td><td>82.03 300.</td><td>.52</td></lod<>	15.34	458.92	136.06	460.73	92.25	60.18	82.03 300.	.52
LAVF50	LAVF	Control	553795.96	150148.04	27198.12	<lod< td=""><td>52507.88</td><td>18810.73</td><td>106.89</td><td>8744.07</td><td>4752.07</td><td>13.75</td><td>-19.93</td><td>264.59</td><td>0.44</td><td>63.18</td><td>27.80</td><td>14.80</td><td>1300.50</td><td>132.52</td><td>889.57</td><td>75.98</td><td>66.44</td><td>70.45 296.</td><td>.23</td></lod<>	52507.88	18810.73	106.89	8744.07	4752.07	13.75	-19.93	264.59	0.44	63.18	27.80	14.80	1300.50	132.52	889.57	75.98	66.44	70.45 296.	.23
HST-1	WDSWPM	Control	653921.39	152917.93	51675.61	<lod< td=""><td>9337.90</td><td>27230.84</td><td>458.63</td><td>9572.19</td><td><lod< td=""><td>99.00</td><td>39.41</td><td>358.77</td><td>-0.83</td><td>124.91</td><td><lod< td=""><td>18.18</td><td>1074.11</td><td>146.78</td><td>1381.09</td><td>90.82</td><td>128.57</td><td>170.30 278.</td><td>.93</td></lod<></td></lod<></td></lod<>	9337.90	27230.84	458.63	9572.19	<lod< td=""><td>99.00</td><td>39.41</td><td>358.77</td><td>-0.83</td><td>124.91</td><td><lod< td=""><td>18.18</td><td>1074.11</td><td>146.78</td><td>1381.09</td><td>90.82</td><td>128.57</td><td>170.30 278.</td><td>.93</td></lod<></td></lod<>	99.00	39.41	358.77	-0.83	124.91	<lod< td=""><td>18.18</td><td>1074.11</td><td>146.78</td><td>1381.09</td><td>90.82</td><td>128.57</td><td>170.30 278.</td><td>.93</td></lod<>	18.18	1074.11	146.78	1381.09	90.82	128.57	170.30 278.	.93
HST-2	WDSWPM	Control	630099.27	150569.97	62646.19	<lod< td=""><td>8993.66</td><td>29559.56</td><td>456.48</td><td>8851.51</td><td>14524.91</td><td>102.31</td><td>52.61</td><td>377.63</td><td>3.93</td><td>159.52</td><td><lod< td=""><td>18.59</td><td>1444.03</td><td>151.34</td><td>1172.89</td><td>86.26</td><td>125.25</td><td>168.18 297.</td><td>.61</td></lod<></td></lod<>	8993.66	29559.56	456.48	8851.51	14524.91	102.31	52.61	377.63	3.93	159.52	<lod< td=""><td>18.59</td><td>1444.03</td><td>151.34</td><td>1172.89</td><td>86.26</td><td>125.25</td><td>168.18 297.</td><td>.61</td></lod<>	18.59	1444.03	151.34	1172.89	86.26	125.25	168.18 297.	.61
HST-3	WDSWPM	Control	621440.80	149512.83	61601.62	<lod< td=""><td>8637.08</td><td>28801.48</td><td>839.55</td><td>8063.60</td><td><lod< td=""><td><lod< td=""><td>76.17</td><td>417.70</td><td>6.93</td><td>128.86</td><td><lod< td=""><td>17.34</td><td>3228.59</td><td>147.07</td><td>903.65</td><td>88.41</td><td>94.10</td><td>150.74 269.</td><td>.08</td></lod<></td></lod<></td></lod<></td></lod<>	8637.08	28801.48	839.55	8063.60	<lod< td=""><td><lod< td=""><td>76.17</td><td>417.70</td><td>6.93</td><td>128.86</td><td><lod< td=""><td>17.34</td><td>3228.59</td><td>147.07</td><td>903.65</td><td>88.41</td><td>94.10</td><td>150.74 269.</td><td>.08</td></lod<></td></lod<></td></lod<>	<lod< td=""><td>76.17</td><td>417.70</td><td>6.93</td><td>128.86</td><td><lod< td=""><td>17.34</td><td>3228.59</td><td>147.07</td><td>903.65</td><td>88.41</td><td>94.10</td><td>150.74 269.</td><td>.08</td></lod<></td></lod<>	76.17	417.70	6.93	128.86	<lod< td=""><td>17.34</td><td>3228.59</td><td>147.07</td><td>903.65</td><td>88.41</td><td>94.10</td><td>150.74 269.</td><td>.08</td></lod<>	17.34	3228.59	147.07	903.65	88.41	94.10	150.74 269.	.08
HST-4	WDSWPM	Control	634875.15	151444.03	59047.83	<lod< td=""><td>9774.55</td><td>30599.78</td><td>433.39</td><td>8549.79</td><td><lod< td=""><td><lod< td=""><td>61.35</td><td>387.31</td><td>2.09</td><td>126.00</td><td><lod< td=""><td>17.40</td><td>2080.21</td><td>152.45</td><td>1055.63</td><td>90.24</td><td>114.96</td><td>132.35 290.</td><td>.83</td></lod<></td></lod<></td></lod<></td></lod<>	9774.55	30599.78	433.39	8549.79	<lod< td=""><td><lod< td=""><td>61.35</td><td>387.31</td><td>2.09</td><td>126.00</td><td><lod< td=""><td>17.40</td><td>2080.21</td><td>152.45</td><td>1055.63</td><td>90.24</td><td>114.96</td><td>132.35 290.</td><td>.83</td></lod<></td></lod<></td></lod<>	<lod< td=""><td>61.35</td><td>387.31</td><td>2.09</td><td>126.00</td><td><lod< td=""><td>17.40</td><td>2080.21</td><td>152.45</td><td>1055.63</td><td>90.24</td><td>114.96</td><td>132.35 290.</td><td>.83</td></lod<></td></lod<>	61.35	387.31	2.09	126.00	<lod< td=""><td>17.40</td><td>2080.21</td><td>152.45</td><td>1055.63</td><td>90.24</td><td>114.96</td><td>132.35 290.</td><td>.83</td></lod<>	17.40	2080.21	152.45	1055.63	90.24	114.96	132.35 290.	.83
HST-5	WDSWPM	Control	625224.59	149360.48	59437.58	<lod< td=""><td>8001.20</td><td>27317.78</td><td>535.57</td><td>8850.73</td><td>5592.72</td><td>225.34</td><td>61.64</td><td>449.45</td><td>2.18</td><td>156.72</td><td><lod< td=""><td>16.73</td><td>2330.84</td><td>145.56</td><td>1657.60</td><td>84.49</td><td>174.55</td><td>224.16 251.</td><td>.50</td></lod<></td></lod<>	8001.20	27317.78	535.57	8850.73	5592.72	225.34	61.64	449.45	2.18	156.72	<lod< td=""><td>16.73</td><td>2330.84</td><td>145.56</td><td>1657.60</td><td>84.49</td><td>174.55</td><td>224.16 251.</td><td>.50</td></lod<>	16.73	2330.84	145.56	1657.60	84.49	174.55	224.16 251.	.50
HST-6	WDSWPM	Control	646802.93	149084.48	59281.82	<lod< td=""><td>9009.30</td><td>29709.59</td><td>708.71</td><td>8520.14</td><td>6306.15</td><td>67.28</td><td>6.27</td><td>383.21</td><td>-9.42</td><td>138.22</td><td><lod< td=""><td>17.49</td><td>815.61</td><td>149.85</td><td>1471.07</td><td>87.46</td><td>147.49</td><td>118.72 283.</td><td>.29</td></lod<></td></lod<>	9009.30	29709.59	708.71	8520.14	6306.15	67.28	6.27	383.21	-9.42	138.22	<lod< td=""><td>17.49</td><td>815.61</td><td>149.85</td><td>1471.07</td><td>87.46</td><td>147.49</td><td>118.72 283.</td><td>.29</td></lod<>	17.49	815.61	149.85	1471.07	87.46	147.49	118.72 283.	.29
HST-7	WDSWPM	Control	651695.73	152233.29	60063.96	<lod< td=""><td>8643.91</td><td>30535.93</td><td>333.49</td><td>8534.29</td><td><lod< td=""><td>18.16</td><td>13.64</td><td>381.16</td><td>-6.35</td><td>141.84</td><td><lod< td=""><td>16.28</td><td>957.07</td><td>147.16</td><td>1299.21</td><td>81.94</td><td>146.47</td><td>146.14 286.</td><td>.06</td></lod<></td></lod<></td></lod<>	8643.91	30535.93	333.49	8534.29	<lod< td=""><td>18.16</td><td>13.64</td><td>381.16</td><td>-6.35</td><td>141.84</td><td><lod< td=""><td>16.28</td><td>957.07</td><td>147.16</td><td>1299.21</td><td>81.94</td><td>146.47</td><td>146.14 286.</td><td>.06</td></lod<></td></lod<>	18.16	13.64	381.16	-6.35	141.84	<lod< td=""><td>16.28</td><td>957.07</td><td>147.16</td><td>1299.21</td><td>81.94</td><td>146.47</td><td>146.14 286.</td><td>.06</td></lod<>	16.28	957.07	147.16	1299.21	81.94	146.47	146.14 286.	.06
HST-8	WDSWPM	Control	666065.51	152293.81	54321.91	<lod< td=""><td>11667.85</td><td>30018.06</td><td>317.48</td><td>8311.09</td><td><lod< td=""><td>44.32</td><td>17.22</td><td>385.98</td><td>-10.40</td><td>117.95</td><td><lod< td=""><td>15.99</td><td>816.69</td><td>144.85</td><td>1143.19</td><td>88.62</td><td>127.55</td><td>127.10 275.</td><td>.41</td></lod<></td></lod<></td></lod<>	11667.85	30018.06	317.48	8311.09	<lod< td=""><td>44.32</td><td>17.22</td><td>385.98</td><td>-10.40</td><td>117.95</td><td><lod< td=""><td>15.99</td><td>816.69</td><td>144.85</td><td>1143.19</td><td>88.62</td><td>127.55</td><td>127.10 275.</td><td>.41</td></lod<></td></lod<>	44.32	17.22	385.98	-10.40	117.95	<lod< td=""><td>15.99</td><td>816.69</td><td>144.85</td><td>1143.19</td><td>88.62</td><td>127.55</td><td>127.10 275.</td><td>.41</td></lod<>	15.99	816.69	144.85	1143.19	88.62	127.55	127.10 275.	.41
HST-9	WDSWPM	Control	651184.44	154974.84	59768.94	<lod< td=""><td>10949.35</td><td>29923.65</td><td>341.18</td><td>9419.64</td><td><lod< td=""><td>55.70</td><td>21.66</td><td>406.71</td><td>-8.93</td><td>155.32</td><td><lod< td=""><td>16.87</td><td>686.36</td><td>149.58</td><td>943.32</td><td>88.92</td><td>137.00</td><td>162.37 291.</td><td>.05</td></lod<></td></lod<></td></lod<>	10949.35	29923.65	341.18	9419.64	<lod< td=""><td>55.70</td><td>21.66</td><td>406.71</td><td>-8.93</td><td>155.32</td><td><lod< td=""><td>16.87</td><td>686.36</td><td>149.58</td><td>943.32</td><td>88.92</td><td>137.00</td><td>162.37 291.</td><td>.05</td></lod<></td></lod<>	55.70	21.66	406.71	-8.93	155.32	<lod< td=""><td>16.87</td><td>686.36</td><td>149.58</td><td>943.32</td><td>88.92</td><td>137.00</td><td>162.37 291.</td><td>.05</td></lod<>	16.87	686.36	149.58	943.32	88.92	137.00	162.37 291.	.05
HST-10	WDSWPM	Control	657540.62	153626.74	58289.25	<lod< td=""><td>9948.29</td><td>29835.23</td><td>756.48</td><td>8670.88</td><td><lod< td=""><td>21.42</td><td>15.00</td><td>372.05</td><td>-3.51</td><td>116.17</td><td>22.81</td><td>15.80</td><td>2776.03</td><td>146.14</td><td>1612.16</td><td>83.00</td><td>121.79</td><td>148.58 303.</td><td>.73</td></lod<></td></lod<>	9948.29	29835.23	756.48	8670.88	<lod< td=""><td>21.42</td><td>15.00</td><td>372.05</td><td>-3.51</td><td>116.17</td><td>22.81</td><td>15.80</td><td>2776.03</td><td>146.14</td><td>1612.16</td><td>83.00</td><td>121.79</td><td>148.58 303.</td><td>.73</td></lod<>	21.42	15.00	372.05	-3.51	116.17	22.81	15.80	2776.03	146.14	1612.16	83.00	121.79	148.58 303.	.73
HST-11	WDSWPM	Control	636233.51	150751.43	94222.31	<lod< td=""><td>10050.62</td><td>26758.61</td><td>819.34</td><td>8606.07</td><td>8251.45</td><td>476.35</td><td>58.36</td><td>555.64</td><td>7.35</td><td>179.36</td><td>34.57</td><td>13.03</td><td>11546.18</td><td>130.25</td><td>4005.82</td><td>55.54</td><td>203.46</td><td>156.76 249.</td><td>.56</td></lod<>	10050.62	26758.61	819.34	8606.07	8251.45	476.35	58.36	555.64	7.35	179.36	34.57	13.03	11546.18	130.25	4005.82	55.54	203.46	156.76 249.	.56
HST-12	WDSWPM	Control	640006.00	154802.73	62519.49	<lod< td=""><td>8897.94</td><td>29285.43</td><td>992.25</td><td>9230.25</td><td><lod< td=""><td>53.00</td><td>30.75</td><td>466.67</td><td>-8.00</td><td>160.43</td><td><lod< td=""><td>17.85</td><td>535.07</td><td>152.96</td><td>896.88</td><td>92.05</td><td>175.40</td><td>161.60 284.</td><td>.09</td></lod<></td></lod<></td></lod<>	8897.94	29285.43	992.25	9230.25	<lod< td=""><td>53.00</td><td>30.75</td><td>466.67</td><td>-8.00</td><td>160.43</td><td><lod< td=""><td>17.85</td><td>535.07</td><td>152.96</td><td>896.88</td><td>92.05</td><td>175.40</td><td>161.60 284.</td><td>.09</td></lod<></td></lod<>	53.00	30.75	466.67	-8.00	160.43	<lod< td=""><td>17.85</td><td>535.07</td><td>152.96</td><td>896.88</td><td>92.05</td><td>175.40</td><td>161.60 284.</td><td>.09</td></lod<>	17.85	535.07	152.96	896.88	92.05	175.40	161.60 284.	.09
HST-13	WDSWPM	Control	663806.39	152922.01	61338.18	<lod< td=""><td>12938.81</td><td>31598.13</td><td>378.46</td><td>8773.14</td><td><lod< td=""><td>25.63</td><td>5.97</td><td>381.26</td><td>-8.12</td><td>137.79</td><td><lod< td=""><td>16.64</td><td>724.88</td><td>153.55</td><td>1106.17</td><td>91.15</td><td>132.63</td><td>137.27 287.</td><td>.24</td></lod<></td></lod<></td></lod<>	12938.81	31598.13	378.46	8773.14	<lod< td=""><td>25.63</td><td>5.97</td><td>381.26</td><td>-8.12</td><td>137.79</td><td><lod< td=""><td>16.64</td><td>724.88</td><td>153.55</td><td>1106.17</td><td>91.15</td><td>132.63</td><td>137.27 287.</td><td>.24</td></lod<></td></lod<>	25.63	5.97	381.26	-8.12	137.79	<lod< td=""><td>16.64</td><td>724.88</td><td>153.55</td><td>1106.17</td><td>91.15</td><td>132.63</td><td>137.27 287.</td><td>.24</td></lod<>	16.64	724.88	153.55	1106.17	91.15	132.63	137.27 287.	.24
HST-14	WDSWPM	Control	636266.75	150541.30	63205.50	<lod< td=""><td>9958.39</td><td>27649.17</td><td>571.13</td><td>8606.82</td><td>6574.85</td><td>175.14</td><td>15.16</td><td>393.70</td><td>-7.00</td><td>154.88</td><td><lod< td=""><td>18.69</td><td>1627.38</td><td>147.96</td><td>2167.47</td><td>90.55</td><td>158.33</td><td>182.21 280.</td><td>.65</td></lod<></td></lod<>	9958.39	27649.17	571.13	8606.82	6574.85	175.14	15.16	393.70	-7.00	154.88	<lod< td=""><td>18.69</td><td>1627.38</td><td>147.96</td><td>2167.47</td><td>90.55</td><td>158.33</td><td>182.21 280.</td><td>.65</td></lod<>	18.69	1627.38	147.96	2167.47	90.55	158.33	182.21 280.	.65
HST-15	WDSWPM	Control	660121.55	152150.84	58062.38	<lod< td=""><td>13694.97</td><td>30294.82</td><td>454.48</td><td>8629.76</td><td><lod< td=""><td>93.32</td><td>23.44</td><td>434.12</td><td>-10.00</td><td>135.32</td><td><lod< td=""><td>16.05</td><td>785.92</td><td>149.39</td><td>1192.08</td><td>94.43</td><td>154.94</td><td>133.92 292.</td><td>.61</td></lod<></td></lod<></td></lod<>	13694.97	30294.82	454.48	8629.76	<lod< td=""><td>93.32</td><td>23.44</td><td>434.12</td><td>-10.00</td><td>135.32</td><td><lod< td=""><td>16.05</td><td>785.92</td><td>149.39</td><td>1192.08</td><td>94.43</td><td>154.94</td><td>133.92 292.</td><td>.61</td></lod<></td></lod<>	93.32	23.44	434.12	-10.00	135.32	<lod< td=""><td>16.05</td><td>785.92</td><td>149.39</td><td>1192.08</td><td>94.43</td><td>154.94</td><td>133.92 292.</td><td>.61</td></lod<>	16.05	785.92	149.39	1192.08	94.43	154.94	133.92 292.	.61
HST-16	WDSWPM	Control	650675.81	148846.90	54566.53	<lod< td=""><td>9985.95</td><td>28402.12</td><td>460.33</td><td>8934.49</td><td><lod< td=""><td>10.43</td><td>34.09</td><td>404.24</td><td>-4.00</td><td>130.52</td><td><lod< td=""><td>15.48</td><td>850.50</td><td>143.59</td><td>791.96</td><td>83.05</td><td>89.75</td><td>162.03 297.</td><td>.79</td></lod<></td></lod<></td></lod<>	9985.95	28402.12	460.33	8934.49	<lod< td=""><td>10.43</td><td>34.09</td><td>404.24</td><td>-4.00</td><td>130.52</td><td><lod< td=""><td>15.48</td><td>850.50</td><td>143.59</td><td>791.96</td><td>83.05</td><td>89.75</td><td>162.03 297.</td><td>.79</td></lod<></td></lod<>	10.43	34.09	404.24	-4.00	130.52	<lod< td=""><td>15.48</td><td>850.50</td><td>143.59</td><td>791.96</td><td>83.05</td><td>89.75</td><td>162.03 297.</td><td>.79</td></lod<>	15.48	850.50	143.59	791.96	83.05	89.75	162.03 297.	.79
HST-17	WDSWPM	Control	636061.22	152106.51	62704.44	<lod< td=""><td>8057.18</td><td>30152.79</td><td>479.66</td><td>8638.92</td><td><lod< td=""><td>24.75</td><td>15.61</td><td>409.29</td><td>-2.64</td><td>141.24</td><td><lod< td=""><td>14.99</td><td>1446.83</td><td>140.08</td><td>1001.82</td><td>74.43</td><td>105.28</td><td>177.99 259.</td><td>.89</td></lod<></td></lod<></td></lod<>	8057.18	30152.79	479.66	8638.92	<lod< td=""><td>24.75</td><td>15.61</td><td>409.29</td><td>-2.64</td><td>141.24</td><td><lod< td=""><td>14.99</td><td>1446.83</td><td>140.08</td><td>1001.82</td><td>74.43</td><td>105.28</td><td>177.99 259.</td><td>.89</td></lod<></td></lod<>	24.75	15.61	409.29	-2.64	141.24	<lod< td=""><td>14.99</td><td>1446.83</td><td>140.08</td><td>1001.82</td><td>74.43</td><td>105.28</td><td>177.99 259.</td><td>.89</td></lod<>	14.99	1446.83	140.08	1001.82	74.43	105.28	177.99 259.	.89
HST-18	WDSWPM	Control	688468.86	156404.61	57627.72	<lod< td=""><td>14292.50</td><td>31831.93</td><td>351.93</td><td>8873.70</td><td>5912.72</td><td>18.66</td><td>12.38</td><td>410.61</td><td>-3.73</td><td>137.20</td><td><lod< td=""><td>18.08</td><td>243.91</td><td>158.92</td><td>626.93</td><td>108.00</td><td>133.63</td><td>131.87 294.</td><td>.93</td></lod<></td></lod<>	14292.50	31831.93	351.93	8873.70	5912.72	18.66	12.38	410.61	-3.73	137.20	<lod< td=""><td>18.08</td><td>243.91</td><td>158.92</td><td>626.93</td><td>108.00</td><td>133.63</td><td>131.87 294.</td><td>.93</td></lod<>	18.08	243.91	158.92	626.93	108.00	133.63	131.87 294.	.93
HST-19	WDSWPM	Control	620600.69	149232.62	63989.38	<lod< td=""><td>10613.65</td><td>28162.11</td><td>1959.92</td><td>8863.19</td><td>6746.27</td><td>444.68</td><td>18.54</td><td>396.30</td><td>-3.33</td><td>145.18</td><td>89.47</td><td>16.15</td><td>2863.44</td><td>149.19</td><td>3256.77</td><td>84.97</td><td>145.22</td><td>251.27 216.</td><td>.09</td></lod<>	10613.65	28162.11	1959.92	8863.19	6746.27	444.68	18.54	396.30	-3.33	145.18	89.47	16.15	2863.44	149.19	3256.77	84.97	145.22	251.27 216.	.09
HST-20	WDSWPM	Control	648614.09	152796.67	57788.84	<lod< td=""><td>7453.46</td><td>28888.40</td><td>336.66</td><td>8724.50</td><td><lod< td=""><td>88.44</td><td>19.70</td><td>380.72</td><td>-7.27</td><td>123.55</td><td><lod< td=""><td>16.55</td><td>684.82</td><td>147.43</td><td>1140.58</td><td>80.84</td><td>109.90</td><td>135.35 272.</td><td>.34</td></lod<></td></lod<></td></lod<>	7453.46	28888.40	336.66	8724.50	<lod< td=""><td>88.44</td><td>19.70</td><td>380.72</td><td>-7.27</td><td>123.55</td><td><lod< td=""><td>16.55</td><td>684.82</td><td>147.43</td><td>1140.58</td><td>80.84</td><td>109.90</td><td>135.35 272.</td><td>.34</td></lod<></td></lod<>	88.44	19.70	380.72	-7.27	123.55	<lod< td=""><td>16.55</td><td>684.82</td><td>147.43</td><td>1140.58</td><td>80.84</td><td>109.90</td><td>135.35 272.</td><td>.34</td></lod<>	16.55	684.82	147.43	1140.58	80.84	109.90	135.35 272.	.34
HST-21	WDSWPM	Control	639770.58	153135.87	65453.26	<lod< td=""><td>#VALUE!</td><td>30378.97</td><td>289.55</td><td>8901.42</td><td><lod< td=""><td>108.61</td><td>18.30</td><td>375.68</td><td>-5.98</td><td>132.35</td><td><lod< td=""><td>16.74</td><td>851.02</td><td>152.70</td><td>1364.03</td><td>84.27</td><td>114.66</td><td>128.36 270.</td><td>.68</td></lod<></td></lod<></td></lod<>	#VALUE!	30378.97	289.55	8901.42	<lod< td=""><td>108.61</td><td>18.30</td><td>375.68</td><td>-5.98</td><td>132.35</td><td><lod< td=""><td>16.74</td><td>851.02</td><td>152.70</td><td>1364.03</td><td>84.27</td><td>114.66</td><td>128.36 270.</td><td>.68</td></lod<></td></lod<>	108.61	18.30	375.68	-5.98	132.35	<lod< td=""><td>16.74</td><td>851.02</td><td>152.70</td><td>1364.03</td><td>84.27</td><td>114.66</td><td>128.36 270.</td><td>.68</td></lod<>	16.74	851.02	152.70	1364.03	84.27	114.66	128.36 270.	.68
HST-22	WDSWPM	Control	623854.45	151578.39	57164.59	<lod< td=""><td>8110.40</td><td>29739.17</td><td>510.57</td><td>8641.61</td><td>35847.57</td><td>127.38</td><td>3.77</td><td>352.91</td><td>5.86</td><td>149.21</td><td><lod< td=""><td>15.28</td><td>3794.50</td><td>139.48</td><td>1756.47</td><td>76.69</td><td>101.73</td><td>197.55 255.</td><td>.73</td></lod<></td></lod<>	8110.40	29739.17	510.57	8641.61	35847.57	127.38	3.77	352.91	5.86	149.21	<lod< td=""><td>15.28</td><td>3794.50</td><td>139.48</td><td>1756.47</td><td>76.69</td><td>101.73</td><td>197.55 255.</td><td>.73</td></lod<>	15.28	3794.50	139.48	1756.47	76.69	101.73	197.55 255.	.73
HST-23	WDSWPM	Control	639946.06	146173.78	55948.32	<lod< td=""><td>8339.09</td><td>29019.49</td><td>432.24</td><td>7703.07</td><td><lod< td=""><td>14.69</td><td>3.73</td><td>334.52</td><td>-6.53</td><td>120.44</td><td><lod< td=""><td>14.45</td><td>760.15</td><td>143.74</td><td>658.37</td><td>80.63</td><td>83.06</td><td>103.97 317.</td><td>.81</td></lod<></td></lod<></td></lod<>	8339.09	29019.49	432.24	7703.07	<lod< td=""><td>14.69</td><td>3.73</td><td>334.52</td><td>-6.53</td><td>120.44</td><td><lod< td=""><td>14.45</td><td>760.15</td><td>143.74</td><td>658.37</td><td>80.63</td><td>83.06</td><td>103.97 317.</td><td>.81</td></lod<></td></lod<>	14.69	3.73	334.52	-6.53	120.44	<lod< td=""><td>14.45</td><td>760.15</td><td>143.74</td><td>658.37</td><td>80.63</td><td>83.06</td><td>103.97 317.</td><td>.81</td></lod<>	14.45	760.15	143.74	658.37	80.63	83.06	103.97 317.	.81
HST-24	WDSWPM	Control	645738.68	153584.36	50997.38	<lod< td=""><td>9271.78</td><td>30827.78</td><td>328.00</td><td>9405.41</td><td>14425.34</td><td>22.05</td><td>-20.83</td><td>340.96</td><td>-3.09</td><td>133.30</td><td><lod< td=""><td>16.47</td><td>2279.48</td><td>149.53</td><td>1193.83</td><td>97.33</td><td>146.17</td><td>147.52 273.</td><td>.85</td></lod<></td></lod<>	9271.78	30827.78	328.00	9405.41	14425.34	22.05	-20.83	340.96	-3.09	133.30	<lod< td=""><td>16.47</td><td>2279.48</td><td>149.53</td><td>1193.83</td><td>97.33</td><td>146.17</td><td>147.52 273.</td><td>.85</td></lod<>	16.47	2279.48	149.53	1193.83	97.33	146.17	147.52 273.	.85
HST-25	WDSWPM	Control	643758.39	153562.46	60935.24	<lod< td=""><td>8546.01</td><td>30026.18</td><td>534.06</td><td>9101.92</td><td><lod< td=""><td>18.15</td><td>-1.02</td><td>366.31</td><td>-3.26</td><td>141.78</td><td><lod< td=""><td>16.04</td><td>478.29</td><td>147.60</td><td>686.21</td><td>84.32</td><td>114.54</td><td>149.65 267.</td><td>.41</td></lod<></td></lod<></td></lod<>	8546.01	30026.18	534.06	9101.92	<lod< td=""><td>18.15</td><td>-1.02</td><td>366.31</td><td>-3.26</td><td>141.78</td><td><lod< td=""><td>16.04</td><td>478.29</td><td>147.60</td><td>686.21</td><td>84.32</td><td>114.54</td><td>149.65 267.</td><td>.41</td></lod<></td></lod<>	18.15	-1.02	366.31	-3.26	141.78	<lod< td=""><td>16.04</td><td>478.29</td><td>147.60</td><td>686.21</td><td>84.32</td><td>114.54</td><td>149.65 267.</td><td>.41</td></lod<>	16.04	478.29	147.60	686.21	84.32	114.54	149.65 267.	.41
HST-26	WDSWPM	Control	620866.14	144814.86	57325.14	<lod< td=""><td>11666.31</td><td>28966.64</td><td>455.08</td><td>8216.61</td><td><lod< td=""><td>36.59</td><td>-0.43</td><td>341.41</td><td>-3.19</td><td>135.35</td><td><lod< td=""><td>16.93</td><td>647.40</td><td>148.69</td><td>1146.59</td><td>87.79</td><td>138.19</td><td>111.10 297.</td><td>.39</td></lod<></td></lod<></td></lod<>	11666.31	28966.64	455.08	8216.61	<lod< td=""><td>36.59</td><td>-0.43</td><td>341.41</td><td>-3.19</td><td>135.35</td><td><lod< td=""><td>16.93</td><td>647.40</td><td>148.69</td><td>1146.59</td><td>87.79</td><td>138.19</td><td>111.10 297.</td><td>.39</td></lod<></td></lod<>	36.59	-0.43	341.41	-3.19	135.35	<lod< td=""><td>16.93</td><td>647.40</td><td>148.69</td><td>1146.59</td><td>87.79</td><td>138.19</td><td>111.10 297.</td><td>.39</td></lod<>	16.93	647.40	148.69	1146.59	87.79	138.19	111.10 297.	.39
HST-27	WDSWPM	Control	620787.99	148155.64	66835.80	<lod< td=""><td>8633.81</td><td>28718.11</td><td>363.52</td><td>8405.55</td><td><lod< td=""><td>75.27</td><td>7.96</td><td>395.47</td><td>11.56</td><td>138.50</td><td><lod< td=""><td>14.66</td><td>4604.77</td><td>135.02</td><td>1779.23</td><td>67.79</td><td>133.66</td><td>211.54 294.</td><td>.12</td></lod<></td></lod<></td></lod<>	8633.81	28718.11	363.52	8405.55	<lod< td=""><td>75.27</td><td>7.96</td><td>395.47</td><td>11.56</td><td>138.50</td><td><lod< td=""><td>14.66</td><td>4604.77</td><td>135.02</td><td>1779.23</td><td>67.79</td><td>133.66</td><td>211.54 294.</td><td>.12</td></lod<></td></lod<>	75.27	7.96	395.47	11.56	138.50	<lod< td=""><td>14.66</td><td>4604.77</td><td>135.02</td><td>1779.23</td><td>67.79</td><td>133.66</td><td>211.54 294.</td><td>.12</td></lod<>	14.66	4604.77	135.02	1779.23	67.79	133.66	211.54 294.	.12
HST-28	WDSWPM	Control	650426.31	151602.09	54027.36	<lod< td=""><td>8607.12</td><td>27640.58</td><td>270.37</td><td>9127.35</td><td><lod< td=""><td>59.76</td><td>15.86</td><td>358.31</td><td>-3.37</td><td>127.46</td><td><lod< td=""><td>18.81</td><td>1002.15</td><td>140.47</td><td>1230.76</td><td>80.40</td><td>157.17</td><td>141.40 302.</td><td>.01</td></lod<></td></lod<></td></lod<>	8607.12	27640.58	270.37	9127.35	<lod< td=""><td>59.76</td><td>15.86</td><td>358.31</td><td>-3.37</td><td>127.46</td><td><lod< td=""><td>18.81</td><td>1002.15</td><td>140.47</td><td>1230.76</td><td>80.40</td><td>157.17</td><td>141.40 302.</td><td>.01</td></lod<></td></lod<>	59.76	15.86	358.31	-3.37	127.46	<lod< td=""><td>18.81</td><td>1002.15</td><td>140.47</td><td>1230.76</td><td>80.40</td><td>157.17</td><td>141.40 302.</td><td>.01</td></lod<>	18.81	1002.15	140.47	1230.76	80.40	157.17	141.40 302.	.01
HST-29	WDSWPM	Control	624450.39	152218.21	71832.98	<lod< td=""><td>8575.41</td><td>28736.56</td><td>594.85</td><td>8906.19</td><td>5758.70</td><td>149.76</td><td>14.87</td><td>374.36</td><td>-1.97</td><td>143.94</td><td><lod< td=""><td>17.28</td><td>1317.89</td><td>146.69</td><td>1952.74</td><td>79.48</td><td>149.53</td><td>149.72 295.</td><td>.51</td></lod<></td></lod<>	8575.41	28736.56	594.85	8906.19	5758.70	149.76	14.87	374.36	-1.97	143.94	<lod< td=""><td>17.28</td><td>1317.89</td><td>146.69</td><td>1952.74</td><td>79.48</td><td>149.53</td><td>149.72 295.</td><td>.51</td></lod<>	17.28	1317.89	146.69	1952.74	79.48	149.53	149.72 295.	.51
HST-30	WDSWPM	Control	614287.60	154910.05	72925.20	<lod< td=""><td>8890.36</td><td>27956.43</td><td>560.68</td><td>8068.02</td><td>6538.78</td><td>80.41</td><td>31.20</td><td>452.93</td><td>20.67</td><td>143.46</td><td><lod< td=""><td>15.68</td><td>9968.98</td><td>137.68</td><td>2618.55</td><td>65.94</td><td>168.60</td><td>281.69 266.</td><td>.93</td></lod<></td></lod<>	8890.36	27956.43	560.68	8068.02	6538.78	80.41	31.20	452.93	20.67	143.46	<lod< td=""><td>15.68</td><td>9968.98</td><td>137.68</td><td>2618.55</td><td>65.94</td><td>168.60</td><td>281.69 266.</td><td>.93</td></lod<>	15.68	9968.98	137.68	2618.55	65.94	168.60	281.69 266.	.93

Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K ₂ O	*MnO	*TiO ₂	*P ₂ O ₅	*As	*Ag	*Ba	*Bi	*Cr	*Cu	*Nb	*Pb	*Rb	*S	*Sr	*V	*Zn	*Zr
HST-31	WDSWPM	Control	617758.46	149486.57	59986.31	<lod< td=""><td>9295.55</td><td>28057.89</td><td>908.84</td><td>8542.27</td><td><lod< td=""><td>1319.56</td><td>8.71</td><td>371.67</td><td>-5.81</td><td>153.65</td><td><lod< td=""><td>15.09</td><td>10115.46</td><td>140.78</td><td>4672.28</td><td>71.42</td><td>148.47</td><td>272.74</td><td>268.60</td></lod<></td></lod<></td></lod<>	9295.55	28057.89	908.84	8542.27	<lod< td=""><td>1319.56</td><td>8.71</td><td>371.67</td><td>-5.81</td><td>153.65</td><td><lod< td=""><td>15.09</td><td>10115.46</td><td>140.78</td><td>4672.28</td><td>71.42</td><td>148.47</td><td>272.74</td><td>268.60</td></lod<></td></lod<>	1319.56	8.71	371.67	-5.81	153.65	<lod< td=""><td>15.09</td><td>10115.46</td><td>140.78</td><td>4672.28</td><td>71.42</td><td>148.47</td><td>272.74</td><td>268.60</td></lod<>	15.09	10115.46	140.78	4672.28	71.42	148.47	272.74	268.60
HST-32	WDSWPM	Control	633222.10	148740.54	59640.34	<lod< td=""><td>8922.01</td><td>28103.66</td><td>526.72</td><td>9283.76</td><td><lod< td=""><td>78.27</td><td>-16.38</td><td>265.18</td><td>-6.92</td><td>134.31</td><td><lod< td=""><td>18.34</td><td>1368.74</td><td>144.05</td><td>1401.00</td><td>83.49</td><td>140.86</td><td>193.76</td><td>294.77</td></lod<></td></lod<></td></lod<>	8922.01	28103.66	526.72	9283.76	<lod< td=""><td>78.27</td><td>-16.38</td><td>265.18</td><td>-6.92</td><td>134.31</td><td><lod< td=""><td>18.34</td><td>1368.74</td><td>144.05</td><td>1401.00</td><td>83.49</td><td>140.86</td><td>193.76</td><td>294.77</td></lod<></td></lod<>	78.27	-16.38	265.18	-6.92	134.31	<lod< td=""><td>18.34</td><td>1368.74</td><td>144.05</td><td>1401.00</td><td>83.49</td><td>140.86</td><td>193.76</td><td>294.77</td></lod<>	18.34	1368.74	144.05	1401.00	83.49	140.86	193.76	294.77
HST-33	WDSWPM	Control	647036.70	151551.62	63264.83	<lod< td=""><td>8932.34</td><td>28575.70</td><td>492.22</td><td>8951.79</td><td>6586.23</td><td>69.87</td><td>-9.78</td><td>355.66</td><td>-8.21</td><td>128.44</td><td><lod< td=""><td>19.51</td><td>874.58</td><td>154.02</td><td>1062.29</td><td>96.25</td><td>179.10</td><td>149.29</td><td>288.55</td></lod<></td></lod<>	8932.34	28575.70	492.22	8951.79	6586.23	69.87	-9.78	355.66	-8.21	128.44	<lod< td=""><td>19.51</td><td>874.58</td><td>154.02</td><td>1062.29</td><td>96.25</td><td>179.10</td><td>149.29</td><td>288.55</td></lod<>	19.51	874.58	154.02	1062.29	96.25	179.10	149.29	288.55
HST-34	WDSWPM	Control	661366.28	154499.76	59411.99	<lod< td=""><td>13982.38</td><td>29713.43</td><td>561.17</td><td>9195.58</td><td><lod< td=""><td>67.51</td><td>6.91</td><td>369.15</td><td>-10.91</td><td>130.74</td><td><lod< td=""><td>16.39</td><td>620.36</td><td>150.75</td><td>1250.52</td><td>93.95</td><td>155.20</td><td>158.29</td><td>313.53</td></lod<></td></lod<></td></lod<>	13982.38	29713.43	561.17	9195.58	<lod< td=""><td>67.51</td><td>6.91</td><td>369.15</td><td>-10.91</td><td>130.74</td><td><lod< td=""><td>16.39</td><td>620.36</td><td>150.75</td><td>1250.52</td><td>93.95</td><td>155.20</td><td>158.29</td><td>313.53</td></lod<></td></lod<>	67.51	6.91	369.15	-10.91	130.74	<lod< td=""><td>16.39</td><td>620.36</td><td>150.75</td><td>1250.52</td><td>93.95</td><td>155.20</td><td>158.29</td><td>313.53</td></lod<>	16.39	620.36	150.75	1250.52	93.95	155.20	158.29	313.53
HST-35	WDSWPM	Control	671630.61	156907.76	55185.45	<lod< td=""><td>12513.15</td><td>28874.90</td><td>495.23</td><td>9364.23</td><td><lod< td=""><td>52.53</td><td>-1.53</td><td>364.91</td><td>-4.21</td><td>130.37</td><td><lod< td=""><td>18.65</td><td>1036.28</td><td>147.57</td><td>1241.40</td><td>90.14</td><td>154.04</td><td>176.06</td><td>322.00</td></lod<></td></lod<></td></lod<>	12513.15	28874.90	495.23	9364.23	<lod< td=""><td>52.53</td><td>-1.53</td><td>364.91</td><td>-4.21</td><td>130.37</td><td><lod< td=""><td>18.65</td><td>1036.28</td><td>147.57</td><td>1241.40</td><td>90.14</td><td>154.04</td><td>176.06</td><td>322.00</td></lod<></td></lod<>	52.53	-1.53	364.91	-4.21	130.37	<lod< td=""><td>18.65</td><td>1036.28</td><td>147.57</td><td>1241.40</td><td>90.14</td><td>154.04</td><td>176.06</td><td>322.00</td></lod<>	18.65	1036.28	147.57	1241.40	90.14	154.04	176.06	322.00
HST-36	WDSWPM	Control	643296.73	154460.05	54827.31	<lod< td=""><td>13612.46</td><td>27609.40</td><td>399.90</td><td>9640.14</td><td><lod< td=""><td>14.38</td><td>7.86</td><td>333.06</td><td>-5.42</td><td>162.19</td><td><lod< td=""><td>16.62</td><td>1057.47</td><td>145.10</td><td>984.96</td><td>89.47</td><td>157.89</td><td>190.08</td><td>277.81</td></lod<></td></lod<></td></lod<>	13612.46	27609.40	399.90	9640.14	<lod< td=""><td>14.38</td><td>7.86</td><td>333.06</td><td>-5.42</td><td>162.19</td><td><lod< td=""><td>16.62</td><td>1057.47</td><td>145.10</td><td>984.96</td><td>89.47</td><td>157.89</td><td>190.08</td><td>277.81</td></lod<></td></lod<>	14.38	7.86	333.06	-5.42	162.19	<lod< td=""><td>16.62</td><td>1057.47</td><td>145.10</td><td>984.96</td><td>89.47</td><td>157.89</td><td>190.08</td><td>277.81</td></lod<>	16.62	1057.47	145.10	984.96	89.47	157.89	190.08	277.81
HST-37	WDSWPM	Control	656761.65	156312.95	56843.23	<lod< td=""><td>11157.13</td><td>28239.48</td><td>296.02</td><td>10061.84</td><td><lod< td=""><td>93.56</td><td>9.40</td><td>370.03</td><td>-3.70</td><td>148.46</td><td><lod< td=""><td>18.20</td><td>1543.11</td><td>147.58</td><td>1586.43</td><td>88.47</td><td>198.37</td><td>245.43</td><td>299.71</td></lod<></td></lod<></td></lod<>	11157.13	28239.48	296.02	10061.84	<lod< td=""><td>93.56</td><td>9.40</td><td>370.03</td><td>-3.70</td><td>148.46</td><td><lod< td=""><td>18.20</td><td>1543.11</td><td>147.58</td><td>1586.43</td><td>88.47</td><td>198.37</td><td>245.43</td><td>299.71</td></lod<></td></lod<>	93.56	9.40	370.03	-3.70	148.46	<lod< td=""><td>18.20</td><td>1543.11</td><td>147.58</td><td>1586.43</td><td>88.47</td><td>198.37</td><td>245.43</td><td>299.71</td></lod<>	18.20	1543.11	147.58	1586.43	88.47	198.37	245.43	299.71
HST-38	WDSWPM	Control	659576.37	155358.47	58367.59	<lod< td=""><td>13273.38</td><td>29014.13</td><td>366.21</td><td>9149.32</td><td>8211.90</td><td>44.27</td><td>19.63</td><td>387.72</td><td>-6.14</td><td>131.68</td><td><lod< td=""><td>17.53</td><td>1202.17</td><td>145.56</td><td>1046.76</td><td>95.93</td><td>148.64</td><td>191.73</td><td>293.24</td></lod<></td></lod<>	13273.38	29014.13	366.21	9149.32	8211.90	44.27	19.63	387.72	-6.14	131.68	<lod< td=""><td>17.53</td><td>1202.17</td><td>145.56</td><td>1046.76</td><td>95.93</td><td>148.64</td><td>191.73</td><td>293.24</td></lod<>	17.53	1202.17	145.56	1046.76	95.93	148.64	191.73	293.24
HST-39	WDSWPM	Control	654700.96	150133.08	55710.83	<lod< td=""><td>8817.97</td><td>28507.74</td><td>452.71</td><td>8425.09</td><td><lod< td=""><td>44.37</td><td>19.80</td><td>395.94</td><td>-7.08</td><td>143.19</td><td><lod< td=""><td>14.96</td><td>625.16</td><td>147.78</td><td>1131.54</td><td>82.53</td><td>138.30</td><td>128.13</td><td>282.13</td></lod<></td></lod<></td></lod<>	8817.97	28507.74	452.71	8425.09	<lod< td=""><td>44.37</td><td>19.80</td><td>395.94</td><td>-7.08</td><td>143.19</td><td><lod< td=""><td>14.96</td><td>625.16</td><td>147.78</td><td>1131.54</td><td>82.53</td><td>138.30</td><td>128.13</td><td>282.13</td></lod<></td></lod<>	44.37	19.80	395.94	-7.08	143.19	<lod< td=""><td>14.96</td><td>625.16</td><td>147.78</td><td>1131.54</td><td>82.53</td><td>138.30</td><td>128.13</td><td>282.13</td></lod<>	14.96	625.16	147.78	1131.54	82.53	138.30	128.13	282.13
HST-40	WDSWPM	Control	642675.56	152407.20	67143.10	<lod< td=""><td>9594.49</td><td>29064.34</td><td>1027.81</td><td>8555.63</td><td>6044.15</td><td>371.30</td><td>9.71</td><td>353.02</td><td>-1.72</td><td>136.32</td><td><lod< td=""><td>15.16</td><td>2908.59</td><td>144.05</td><td>2673.24</td><td>74.90</td><td>171.96</td><td>181.36</td><td>274.28</td></lod<></td></lod<>	9594.49	29064.34	1027.81	8555.63	6044.15	371.30	9.71	353.02	-1.72	136.32	<lod< td=""><td>15.16</td><td>2908.59</td><td>144.05</td><td>2673.24</td><td>74.90</td><td>171.96</td><td>181.36</td><td>274.28</td></lod<>	15.16	2908.59	144.05	2673.24	74.90	171.96	181.36	274.28
HST-41	WDSWPM	Control	602862.01	150534.10	75635.46	<lod< td=""><td>9693.58</td><td>27785.11</td><td>641.10</td><td>7612.72</td><td>6038.95</td><td>510.87</td><td>11.85</td><td>410.45</td><td>8.05</td><td>150.47</td><td><lod< td=""><td>16.19</td><td>5550.60</td><td>137.15</td><td>3353.08</td><td>81.56</td><td>167.88</td><td>383.75</td><td>266.28</td></lod<></td></lod<>	9693.58	27785.11	641.10	7612.72	6038.95	510.87	11.85	410.45	8.05	150.47	<lod< td=""><td>16.19</td><td>5550.60</td><td>137.15</td><td>3353.08</td><td>81.56</td><td>167.88</td><td>383.75</td><td>266.28</td></lod<>	16.19	5550.60	137.15	3353.08	81.56	167.88	383.75	266.28
HST-42	WDSWPM	Control	631025.11	149091.36	61209.52	<lod< td=""><td>8760.30</td><td>29719.31</td><td>749.94</td><td>8751.18</td><td>7022.57</td><td>60.51</td><td>7.77</td><td>429.27</td><td>-0.49</td><td>139.13</td><td><lod< td=""><td>17.00</td><td>552.36</td><td>152.75</td><td>1269.83</td><td>99.64</td><td>169.59</td><td>123.94</td><td>233.37</td></lod<></td></lod<>	8760.30	29719.31	749.94	8751.18	7022.57	60.51	7.77	429.27	-0.49	139.13	<lod< td=""><td>17.00</td><td>552.36</td><td>152.75</td><td>1269.83</td><td>99.64</td><td>169.59</td><td>123.94</td><td>233.37</td></lod<>	17.00	552.36	152.75	1269.83	99.64	169.59	123.94	233.37
HST-43	WDSWPM	Control	638707.21	151876.22	68946.46	<lod< td=""><td>9977.81</td><td>28644.26</td><td>1672.29</td><td>9584.24</td><td>5989.76</td><td>49.66</td><td>7.94</td><td>421.09</td><td>5.16</td><td>174.31</td><td><lod< td=""><td>16.88</td><td>3209.55</td><td>149.87</td><td>1886.09</td><td>89.41</td><td>157.99</td><td>197.57</td><td>239.40</td></lod<></td></lod<>	9977.81	28644.26	1672.29	9584.24	5989.76	49.66	7.94	421.09	5.16	174.31	<lod< td=""><td>16.88</td><td>3209.55</td><td>149.87</td><td>1886.09</td><td>89.41</td><td>157.99</td><td>197.57</td><td>239.40</td></lod<>	16.88	3209.55	149.87	1886.09	89.41	157.99	197.57	239.40
HST-44	WDSWPM	Control	595568.10	144519.49	43432.99	<lod< td=""><td>9079.15</td><td>27456.83</td><td>332.78</td><td>6980.68</td><td>6701.24</td><td>2486.71</td><td>10.13</td><td>432.88</td><td>7.45</td><td>91.72</td><td><lod< td=""><td>12.92</td><td>14378.74</td><td>136.82</td><td>14048.89</td><td>67.20</td><td>53.89</td><td>184.05</td><td>193.34</td></lod<></td></lod<>	9079.15	27456.83	332.78	6980.68	6701.24	2486.71	10.13	432.88	7.45	91.72	<lod< td=""><td>12.92</td><td>14378.74</td><td>136.82</td><td>14048.89</td><td>67.20</td><td>53.89</td><td>184.05</td><td>193.34</td></lod<>	12.92	14378.74	136.82	14048.89	67.20	53.89	184.05	193.34
HST-45	WDSWPM	Control	638625.83	150205.73	58474.43	<lod< td=""><td>10300.38</td><td>28232.80</td><td>418.05</td><td>8636.44</td><td><lod< td=""><td>103.36</td><td>3.14</td><td>386.09</td><td>3.01</td><td>132.22</td><td><lod< td=""><td>16.14</td><td>1800.44</td><td>143.53</td><td>1454.59</td><td>97.32</td><td>135.97</td><td>175.90</td><td>261.96</td></lod<></td></lod<></td></lod<>	10300.38	28232.80	418.05	8636.44	<lod< td=""><td>103.36</td><td>3.14</td><td>386.09</td><td>3.01</td><td>132.22</td><td><lod< td=""><td>16.14</td><td>1800.44</td><td>143.53</td><td>1454.59</td><td>97.32</td><td>135.97</td><td>175.90</td><td>261.96</td></lod<></td></lod<>	103.36	3.14	386.09	3.01	132.22	<lod< td=""><td>16.14</td><td>1800.44</td><td>143.53</td><td>1454.59</td><td>97.32</td><td>135.97</td><td>175.90</td><td>261.96</td></lod<>	16.14	1800.44	143.53	1454.59	97.32	135.97	175.90	261.96
HST-46	WDSWPM	Control	642321.56	147931.08	62082.43	<lod< td=""><td>8733.65</td><td>29768.20</td><td>631.69</td><td>8669.11</td><td><lod< td=""><td>62.75</td><td>17.69</td><td>423.98</td><td>1.63</td><td>139.10</td><td><lod< td=""><td>14.16</td><td>683.69</td><td>148.12</td><td>1340.50</td><td>83.40</td><td>152.54</td><td>118.57</td><td>223.54</td></lod<></td></lod<></td></lod<>	8733.65	29768.20	631.69	8669.11	<lod< td=""><td>62.75</td><td>17.69</td><td>423.98</td><td>1.63</td><td>139.10</td><td><lod< td=""><td>14.16</td><td>683.69</td><td>148.12</td><td>1340.50</td><td>83.40</td><td>152.54</td><td>118.57</td><td>223.54</td></lod<></td></lod<>	62.75	17.69	423.98	1.63	139.10	<lod< td=""><td>14.16</td><td>683.69</td><td>148.12</td><td>1340.50</td><td>83.40</td><td>152.54</td><td>118.57</td><td>223.54</td></lod<>	14.16	683.69	148.12	1340.50	83.40	152.54	118.57	223.54
HST-47	WDSWPM	Control	645529.96	157808.11	73275.85	<lod< td=""><td>7891.16</td><td>29768.78</td><td>448.40</td><td>9392.43</td><td>6176.28</td><td>108.87</td><td>24.62</td><td>448.78</td><td>0.63</td><td>171.21</td><td><lod< td=""><td>16.84</td><td>1268.85</td><td>146.42</td><td>1360.14</td><td>81.16</td><td>140.06</td><td>183.07</td><td>266.63</td></lod<></td></lod<>	7891.16	29768.78	448.40	9392.43	6176.28	108.87	24.62	448.78	0.63	171.21	<lod< td=""><td>16.84</td><td>1268.85</td><td>146.42</td><td>1360.14</td><td>81.16</td><td>140.06</td><td>183.07</td><td>266.63</td></lod<>	16.84	1268.85	146.42	1360.14	81.16	140.06	183.07	266.63
HST-48	WDSWPM	Control	640031.03	154128.42	61354.05	<lod< td=""><td>9489.28</td><td>30179.49</td><td>354.47</td><td>9604.76</td><td>6003.55</td><td>28.85</td><td>3.33</td><td>383.64</td><td>2.11</td><td>166.85</td><td><lod< td=""><td>18.96</td><td>881.69</td><td>149.84</td><td>1190.79</td><td>94.06</td><td>167.70</td><td>178.79</td><td>236.59</td></lod<></td></lod<>	9489.28	30179.49	354.47	9604.76	6003.55	28.85	3.33	383.64	2.11	166.85	<lod< td=""><td>18.96</td><td>881.69</td><td>149.84</td><td>1190.79</td><td>94.06</td><td>167.70</td><td>178.79</td><td>236.59</td></lod<>	18.96	881.69	149.84	1190.79	94.06	167.70	178.79	236.59
HST-49	WDSWPM	Control	644539.49	151476.02	55539.64	<lod< td=""><td>9532.34</td><td>29857.90</td><td>462.93</td><td>9478.37</td><td>17224.49</td><td>39.56</td><td>5.23</td><td>393.73</td><td>-0.17</td><td>125.60</td><td><lod< td=""><td>16.19</td><td>886.29</td><td>146.40</td><td>1316.73</td><td>95.86</td><td>130.74</td><td>147.60</td><td>259.57</td></lod<></td></lod<>	9532.34	29857.90	462.93	9478.37	17224.49	39.56	5.23	393.73	-0.17	125.60	<lod< td=""><td>16.19</td><td>886.29</td><td>146.40</td><td>1316.73</td><td>95.86</td><td>130.74</td><td>147.60</td><td>259.57</td></lod<>	16.19	886.29	146.40	1316.73	95.86	130.74	147.60	259.57
HST-50	WDSWPM	Control	644328.79	154165.99	57893.82	<lod< td=""><td>11626.03</td><td>30418.27</td><td>572.95</td><td>9002.81</td><td>6060.66</td><td>138.90</td><td>13.10</td><td>454.28</td><td>-3.11</td><td>128.11</td><td><lod< td=""><td>15.89</td><td>1042.07</td><td>150.46</td><td>1718.24</td><td>95.66</td><td>163.43</td><td>171.51</td><td>234.88</td></lod<></td></lod<>	11626.03	30418.27	572.95	9002.81	6060.66	138.90	13.10	454.28	-3.11	128.11	<lod< td=""><td>15.89</td><td>1042.07</td><td>150.46</td><td>1718.24</td><td>95.66</td><td>163.43</td><td>171.51</td><td>234.88</td></lod<>	15.89	1042.07	150.46	1718.24	95.66	163.43	171.51	234.88
SOW1	SOU105 Wasters	Control	568539.87	131713.00	33795.07	<lod< td=""><td>7886.01</td><td>23650.47</td><td>350.25</td><td>7464.02</td><td>2550.62</td><td>2018.15</td><td><lod< td=""><td>341.40</td><td><lod< td=""><td>51.20</td><td>113.40</td><td>16.54</td><td>4580.18</td><td>126.93</td><td>7593.94</td><td>70.18</td><td>76.58</td><td>62.26</td><td>273.37</td></lod<></td></lod<></td></lod<>	7886.01	23650.47	350.25	7464.02	2550.62	2018.15	<lod< td=""><td>341.40</td><td><lod< td=""><td>51.20</td><td>113.40</td><td>16.54</td><td>4580.18</td><td>126.93</td><td>7593.94</td><td>70.18</td><td>76.58</td><td>62.26</td><td>273.37</td></lod<></td></lod<>	341.40	<lod< td=""><td>51.20</td><td>113.40</td><td>16.54</td><td>4580.18</td><td>126.93</td><td>7593.94</td><td>70.18</td><td>76.58</td><td>62.26</td><td>273.37</td></lod<>	51.20	113.40	16.54	4580.18	126.93	7593.94	70.18	76.58	62.26	273.37
SOW2	SOU105 Wasters	Control	517046.19	141265.70	18632.02	<lod< td=""><td>5912.10</td><td>26090.48</td><td>282.64</td><td>7635.88</td><td>2357.77</td><td>109.14</td><td><lod< td=""><td>321.65</td><td>-24.51</td><td>51.85</td><td>110.64</td><td>12.26</td><td>3203.71</td><td>109.46</td><td>1334.05</td><td>55.30</td><td>57.93</td><td>31.60</td><td>160.60</td></lod<></td></lod<>	5912.10	26090.48	282.64	7635.88	2357.77	109.14	<lod< td=""><td>321.65</td><td>-24.51</td><td>51.85</td><td>110.64</td><td>12.26</td><td>3203.71</td><td>109.46</td><td>1334.05</td><td>55.30</td><td>57.93</td><td>31.60</td><td>160.60</td></lod<>	321.65	-24.51	51.85	110.64	12.26	3203.71	109.46	1334.05	55.30	57.93	31.60	160.60
SOW3	SOU105 Wasters	Control	574502.93	147852.13	22487.99	<lod< td=""><td>6920.60</td><td>21106.30</td><td><lod< td=""><td>8679.77</td><td>3480.64</td><td>681.93</td><td><lod< td=""><td>345.15</td><td><lod< td=""><td>47.35</td><td>125.69</td><td>16.74</td><td>12916.92</td><td>126.58</td><td>10072.32</td><td>51.72</td><td>88.79</td><td>40.33</td><td>170.95</td></lod<></td></lod<></td></lod<></td></lod<>	6920.60	21106.30	<lod< td=""><td>8679.77</td><td>3480.64</td><td>681.93</td><td><lod< td=""><td>345.15</td><td><lod< td=""><td>47.35</td><td>125.69</td><td>16.74</td><td>12916.92</td><td>126.58</td><td>10072.32</td><td>51.72</td><td>88.79</td><td>40.33</td><td>170.95</td></lod<></td></lod<></td></lod<>	8679.77	3480.64	681.93	<lod< td=""><td>345.15</td><td><lod< td=""><td>47.35</td><td>125.69</td><td>16.74</td><td>12916.92</td><td>126.58</td><td>10072.32</td><td>51.72</td><td>88.79</td><td>40.33</td><td>170.95</td></lod<></td></lod<>	345.15	<lod< td=""><td>47.35</td><td>125.69</td><td>16.74</td><td>12916.92</td><td>126.58</td><td>10072.32</td><td>51.72</td><td>88.79</td><td>40.33</td><td>170.95</td></lod<>	47.35	125.69	16.74	12916.92	126.58	10072.32	51.72	88.79	40.33	170.95
SOW4	SOU105 Wasters	Control	727439.51	179243.31	28407.44	<lod< td=""><td>8690.89</td><td>21286.02</td><td><lod< td=""><td>8740.25</td><td>2908.29</td><td>105.76</td><td><lod< td=""><td>338.83</td><td><lod< td=""><td>59.06</td><td>122.73</td><td>16.99</td><td>3190.99</td><td>111.33</td><td>2247.30</td><td>59.62</td><td>78.16</td><td>34.24</td><td>255.18</td></lod<></td></lod<></td></lod<></td></lod<>	8690.89	21286.02	<lod< td=""><td>8740.25</td><td>2908.29</td><td>105.76</td><td><lod< td=""><td>338.83</td><td><lod< td=""><td>59.06</td><td>122.73</td><td>16.99</td><td>3190.99</td><td>111.33</td><td>2247.30</td><td>59.62</td><td>78.16</td><td>34.24</td><td>255.18</td></lod<></td></lod<></td></lod<>	8740.25	2908.29	105.76	<lod< td=""><td>338.83</td><td><lod< td=""><td>59.06</td><td>122.73</td><td>16.99</td><td>3190.99</td><td>111.33</td><td>2247.30</td><td>59.62</td><td>78.16</td><td>34.24</td><td>255.18</td></lod<></td></lod<>	338.83	<lod< td=""><td>59.06</td><td>122.73</td><td>16.99</td><td>3190.99</td><td>111.33</td><td>2247.30</td><td>59.62</td><td>78.16</td><td>34.24</td><td>255.18</td></lod<>	59.06	122.73	16.99	3190.99	111.33	2247.30	59.62	78.16	34.24	255.18
SOW5	SOU105 Wasters	Control	709080.12	167200.77	33524.01	<lod< td=""><td>12078.26</td><td>21979.50</td><td>297.99</td><td>9038.68</td><td>4067.24</td><td><lod< td=""><td><lod< td=""><td>319.05</td><td>-20.81</td><td>61.78</td><td>93.21</td><td>16.89</td><td>461.90</td><td>117.49</td><td>1327.15</td><td>66.23</td><td>91.00</td><td>37.04</td><td>274.31</td></lod<></td></lod<></td></lod<>	12078.26	21979.50	297.99	9038.68	4067.24	<lod< td=""><td><lod< td=""><td>319.05</td><td>-20.81</td><td>61.78</td><td>93.21</td><td>16.89</td><td>461.90</td><td>117.49</td><td>1327.15</td><td>66.23</td><td>91.00</td><td>37.04</td><td>274.31</td></lod<></td></lod<>	<lod< td=""><td>319.05</td><td>-20.81</td><td>61.78</td><td>93.21</td><td>16.89</td><td>461.90</td><td>117.49</td><td>1327.15</td><td>66.23</td><td>91.00</td><td>37.04</td><td>274.31</td></lod<>	319.05	-20.81	61.78	93.21	16.89	461.90	117.49	1327.15	66.23	91.00	37.04	274.31
SOW6	SOU105 Wasters	Control	655237.11	154511.80	28831.08	<lod< td=""><td>7566.24</td><td>20015.12</td><td><lod< td=""><td>8213.94</td><td>2779.35</td><td>79.32</td><td><lod< td=""><td>268.70</td><td><lod< td=""><td>51.97</td><td>151.81</td><td>15.37</td><td>7514.00</td><td>103.15</td><td>5725.62</td><td>48.56</td><td>78.24</td><td>33.61</td><td>258.04</td></lod<></td></lod<></td></lod<></td></lod<>	7566.24	20015.12	<lod< td=""><td>8213.94</td><td>2779.35</td><td>79.32</td><td><lod< td=""><td>268.70</td><td><lod< td=""><td>51.97</td><td>151.81</td><td>15.37</td><td>7514.00</td><td>103.15</td><td>5725.62</td><td>48.56</td><td>78.24</td><td>33.61</td><td>258.04</td></lod<></td></lod<></td></lod<>	8213.94	2779.35	79.32	<lod< td=""><td>268.70</td><td><lod< td=""><td>51.97</td><td>151.81</td><td>15.37</td><td>7514.00</td><td>103.15</td><td>5725.62</td><td>48.56</td><td>78.24</td><td>33.61</td><td>258.04</td></lod<></td></lod<>	268.70	<lod< td=""><td>51.97</td><td>151.81</td><td>15.37</td><td>7514.00</td><td>103.15</td><td>5725.62</td><td>48.56</td><td>78.24</td><td>33.61</td><td>258.04</td></lod<>	51.97	151.81	15.37	7514.00	103.15	5725.62	48.56	78.24	33.61	258.04
SOW7	SOU105 Wasters	Control	698742.05	200653.69	28094.42	<lod< td=""><td>6401.38</td><td>23296.22</td><td><lod< td=""><td>10752.45</td><td>2628.44</td><td>18.72</td><td><lod< td=""><td>322.28</td><td>-18.88</td><td>54.89</td><td>57.98</td><td>19.79</td><td>2108.13</td><td>138.22</td><td>2707.99</td><td>69.29</td><td>109.30</td><td>36.08</td><td>196.72</td></lod<></td></lod<></td></lod<>	6401.38	23296.22	<lod< td=""><td>10752.45</td><td>2628.44</td><td>18.72</td><td><lod< td=""><td>322.28</td><td>-18.88</td><td>54.89</td><td>57.98</td><td>19.79</td><td>2108.13</td><td>138.22</td><td>2707.99</td><td>69.29</td><td>109.30</td><td>36.08</td><td>196.72</td></lod<></td></lod<>	10752.45	2628.44	18.72	<lod< td=""><td>322.28</td><td>-18.88</td><td>54.89</td><td>57.98</td><td>19.79</td><td>2108.13</td><td>138.22</td><td>2707.99</td><td>69.29</td><td>109.30</td><td>36.08</td><td>196.72</td></lod<>	322.28	-18.88	54.89	57.98	19.79	2108.13	138.22	2707.99	69.29	109.30	36.08	196.72
SOW8	SOU105 Wasters	Control	655376.11	150566.81	24455.45	<lod< td=""><td>5921.32</td><td>18871.35</td><td><lod< td=""><td>7286.74</td><td>1976.09</td><td>285.90</td><td><lod< td=""><td>340.64</td><td>-5.70</td><td>43.65</td><td>225.85</td><td>15.13</td><td>11108.15</td><td>104.58</td><td>4204.96</td><td>50.92</td><td>69.38</td><td>47.04</td><td>244.56</td></lod<></td></lod<></td></lod<>	5921.32	18871.35	<lod< td=""><td>7286.74</td><td>1976.09</td><td>285.90</td><td><lod< td=""><td>340.64</td><td>-5.70</td><td>43.65</td><td>225.85</td><td>15.13</td><td>11108.15</td><td>104.58</td><td>4204.96</td><td>50.92</td><td>69.38</td><td>47.04</td><td>244.56</td></lod<></td></lod<>	7286.74	1976.09	285.90	<lod< td=""><td>340.64</td><td>-5.70</td><td>43.65</td><td>225.85</td><td>15.13</td><td>11108.15</td><td>104.58</td><td>4204.96</td><td>50.92</td><td>69.38</td><td>47.04</td><td>244.56</td></lod<>	340.64	-5.70	43.65	225.85	15.13	11108.15	104.58	4204.96	50.92	69.38	47.04	244.56
SOW9	SOU105 Wasters	Control	639909.07	147474.78	21899.75	<lod< td=""><td>6905.35</td><td>18874.09</td><td><lod< td=""><td>7802.90</td><td>3185.96</td><td>158.68</td><td><lod< td=""><td>400.39</td><td><lod< td=""><td>50.93</td><td>239.50</td><td>14.29</td><td>6892.64</td><td>95.49</td><td>4835.08</td><td>46.02</td><td>67.82</td><td>32.10</td><td>257.65</td></lod<></td></lod<></td></lod<></td></lod<>	6905.35	18874.09	<lod< td=""><td>7802.90</td><td>3185.96</td><td>158.68</td><td><lod< td=""><td>400.39</td><td><lod< td=""><td>50.93</td><td>239.50</td><td>14.29</td><td>6892.64</td><td>95.49</td><td>4835.08</td><td>46.02</td><td>67.82</td><td>32.10</td><td>257.65</td></lod<></td></lod<></td></lod<>	7802.90	3185.96	158.68	<lod< td=""><td>400.39</td><td><lod< td=""><td>50.93</td><td>239.50</td><td>14.29</td><td>6892.64</td><td>95.49</td><td>4835.08</td><td>46.02</td><td>67.82</td><td>32.10</td><td>257.65</td></lod<></td></lod<>	400.39	<lod< td=""><td>50.93</td><td>239.50</td><td>14.29</td><td>6892.64</td><td>95.49</td><td>4835.08</td><td>46.02</td><td>67.82</td><td>32.10</td><td>257.65</td></lod<>	50.93	239.50	14.29	6892.64	95.49	4835.08	46.02	67.82	32.10	257.65
SOW10	SOU105 Wasters	Control	670044.82	154653.02	22869.15	<lod< td=""><td>7410.50</td><td>18990.09</td><td><lod< td=""><td>7672.37</td><td>2734.02</td><td><lod< td=""><td><lod< td=""><td>308.29</td><td>-9.80</td><td>42.28</td><td>233.77</td><td>14.26</td><td>5829.32</td><td>102.82</td><td>3620.62</td><td>57.89</td><td>60.43</td><td>29.84</td><td>253.62</td></lod<></td></lod<></td></lod<></td></lod<>	7410.50	18990.09	<lod< td=""><td>7672.37</td><td>2734.02</td><td><lod< td=""><td><lod< td=""><td>308.29</td><td>-9.80</td><td>42.28</td><td>233.77</td><td>14.26</td><td>5829.32</td><td>102.82</td><td>3620.62</td><td>57.89</td><td>60.43</td><td>29.84</td><td>253.62</td></lod<></td></lod<></td></lod<>	7672.37	2734.02	<lod< td=""><td><lod< td=""><td>308.29</td><td>-9.80</td><td>42.28</td><td>233.77</td><td>14.26</td><td>5829.32</td><td>102.82</td><td>3620.62</td><td>57.89</td><td>60.43</td><td>29.84</td><td>253.62</td></lod<></td></lod<>	<lod< td=""><td>308.29</td><td>-9.80</td><td>42.28</td><td>233.77</td><td>14.26</td><td>5829.32</td><td>102.82</td><td>3620.62</td><td>57.89</td><td>60.43</td><td>29.84</td><td>253.62</td></lod<>	308.29	-9.80	42.28	233.77	14.26	5829.32	102.82	3620.62	57.89	60.43	29.84	253.62
SOW11	SOU105 Wasters	Control	716209.45	155926.60	31652.09	<lod< td=""><td>6676.98</td><td>21996.60</td><td><lod< td=""><td>8656.16</td><td>1379.64</td><td>48.40</td><td><lod< td=""><td>298.71</td><td>-14.18</td><td>64.48</td><td>158.91</td><td>15.82</td><td>4334.24</td><td>118.92</td><td>2120.77</td><td>61.71</td><td>76.21</td><td>28.01</td><td>265.41</td></lod<></td></lod<></td></lod<>	6676.98	21996.60	<lod< td=""><td>8656.16</td><td>1379.64</td><td>48.40</td><td><lod< td=""><td>298.71</td><td>-14.18</td><td>64.48</td><td>158.91</td><td>15.82</td><td>4334.24</td><td>118.92</td><td>2120.77</td><td>61.71</td><td>76.21</td><td>28.01</td><td>265.41</td></lod<></td></lod<>	8656.16	1379.64	48.40	<lod< td=""><td>298.71</td><td>-14.18</td><td>64.48</td><td>158.91</td><td>15.82</td><td>4334.24</td><td>118.92</td><td>2120.77</td><td>61.71</td><td>76.21</td><td>28.01</td><td>265.41</td></lod<>	298.71	-14.18	64.48	158.91	15.82	4334.24	118.92	2120.77	61.71	76.21	28.01	265.41
SOW12	SOU105 Wasters	Control	668428.45	151807.57	29864.36	<lod< td=""><td>6401.29</td><td>21192.41</td><td><lod< td=""><td>8507.78</td><td>1552.30</td><td>154.26</td><td><lod< td=""><td>220.28</td><td>-21.02</td><td>72.25</td><td>128.66</td><td>14.25</td><td>3418.68</td><td>110.72</td><td>3105.86</td><td>57.92</td><td>66.45</td><td>23.38</td><td>243.22</td></lod<></td></lod<></td></lod<>	6401.29	21192.41	<lod< td=""><td>8507.78</td><td>1552.30</td><td>154.26</td><td><lod< td=""><td>220.28</td><td>-21.02</td><td>72.25</td><td>128.66</td><td>14.25</td><td>3418.68</td><td>110.72</td><td>3105.86</td><td>57.92</td><td>66.45</td><td>23.38</td><td>243.22</td></lod<></td></lod<>	8507.78	1552.30	154.26	<lod< td=""><td>220.28</td><td>-21.02</td><td>72.25</td><td>128.66</td><td>14.25</td><td>3418.68</td><td>110.72</td><td>3105.86</td><td>57.92</td><td>66.45</td><td>23.38</td><td>243.22</td></lod<>	220.28	-21.02	72.25	128.66	14.25	3418.68	110.72	3105.86	57.92	66.45	23.38	243.22
SOW13	SOU105 Wasters	Control	664319.99	146506.09	31666.30	<lod< td=""><td>7506.47</td><td>19776.17</td><td><lod< td=""><td>8290.07</td><td>3476.76</td><td>37.88</td><td><lod< td=""><td>225.21</td><td><lod< td=""><td>60.57</td><td>55.41</td><td>12.23</td><td>6898.51</td><td>96.61</td><td>4125.25</td><td>45.29</td><td>72.78</td><td>36.53</td><td>290.07</td></lod<></td></lod<></td></lod<></td></lod<>	7506.47	19776.17	<lod< td=""><td>8290.07</td><td>3476.76</td><td>37.88</td><td><lod< td=""><td>225.21</td><td><lod< td=""><td>60.57</td><td>55.41</td><td>12.23</td><td>6898.51</td><td>96.61</td><td>4125.25</td><td>45.29</td><td>72.78</td><td>36.53</td><td>290.07</td></lod<></td></lod<></td></lod<>	8290.07	3476.76	37.88	<lod< td=""><td>225.21</td><td><lod< td=""><td>60.57</td><td>55.41</td><td>12.23</td><td>6898.51</td><td>96.61</td><td>4125.25</td><td>45.29</td><td>72.78</td><td>36.53</td><td>290.07</td></lod<></td></lod<>	225.21	<lod< td=""><td>60.57</td><td>55.41</td><td>12.23</td><td>6898.51</td><td>96.61</td><td>4125.25</td><td>45.29</td><td>72.78</td><td>36.53</td><td>290.07</td></lod<>	60.57	55.41	12.23	6898.51	96.61	4125.25	45.29	72.78	36.53	290.07
SOW14	SOU105 Wasters	Control	645447.66	153591.50	32493.37	<lod< td=""><td>7881.86</td><td>19933.39</td><td><lod< td=""><td>7853.97</td><td>3470.90</td><td><lod< td=""><td><lod< td=""><td>334.62</td><td><lod< td=""><td>58.91</td><td>80.26</td><td>12.98</td><td>12074.04</td><td>94.62</td><td>4774.75</td><td>43.00</td><td>85.98</td><td>43.57</td><td>258.72</td></lod<></td></lod<></td></lod<></td></lod<></td></lod<>	7881.86	19933.39	<lod< td=""><td>7853.97</td><td>3470.90</td><td><lod< td=""><td><lod< td=""><td>334.62</td><td><lod< td=""><td>58.91</td><td>80.26</td><td>12.98</td><td>12074.04</td><td>94.62</td><td>4774.75</td><td>43.00</td><td>85.98</td><td>43.57</td><td>258.72</td></lod<></td></lod<></td></lod<></td></lod<>	7853.97	3470.90	<lod< td=""><td><lod< td=""><td>334.62</td><td><lod< td=""><td>58.91</td><td>80.26</td><td>12.98</td><td>12074.04</td><td>94.62</td><td>4774.75</td><td>43.00</td><td>85.98</td><td>43.57</td><td>258.72</td></lod<></td></lod<></td></lod<>	<lod< td=""><td>334.62</td><td><lod< td=""><td>58.91</td><td>80.26</td><td>12.98</td><td>12074.04</td><td>94.62</td><td>4774.75</td><td>43.00</td><td>85.98</td><td>43.57</td><td>258.72</td></lod<></td></lod<>	334.62	<lod< td=""><td>58.91</td><td>80.26</td><td>12.98</td><td>12074.04</td><td>94.62</td><td>4774.75</td><td>43.00</td><td>85.98</td><td>43.57</td><td>258.72</td></lod<>	58.91	80.26	12.98	12074.04	94.62	4774.75	43.00	85.98	43.57	258.72
SOW15	SOU105 Wasters	Control	696686.04	156366.19	32640.27	<lod< td=""><td>11273.99</td><td>22010.00</td><td><lod< td=""><td>8726.22</td><td>2909.57</td><td>83.35</td><td><lod< td=""><td>270.76</td><td>-15.16</td><td>63.26</td><td>0.94</td><td>13.25</td><td>2732.22</td><td>110.23</td><td>1035.17</td><td>58.73</td><td>84.21</td><td>42.95</td><td>316.72</td></lod<></td></lod<></td></lod<>	11273.99	22010.00	<lod< td=""><td>8726.22</td><td>2909.57</td><td>83.35</td><td><lod< td=""><td>270.76</td><td>-15.16</td><td>63.26</td><td>0.94</td><td>13.25</td><td>2732.22</td><td>110.23</td><td>1035.17</td><td>58.73</td><td>84.21</td><td>42.95</td><td>316.72</td></lod<></td></lod<>	8726.22	2909.57	83.35	<lod< td=""><td>270.76</td><td>-15.16</td><td>63.26</td><td>0.94</td><td>13.25</td><td>2732.22</td><td>110.23</td><td>1035.17</td><td>58.73</td><td>84.21</td><td>42.95</td><td>316.72</td></lod<>	270.76	-15.16	63.26	0.94	13.25	2732.22	110.23	1035.17	58.73	84.21	42.95	316.72
SOW16	SOU105 Wasters	Control	700898.28	165621.05	29322.69	<lod< td=""><td>8502.73</td><td>20671.39</td><td><lod< td=""><td>8591.15</td><td>3001.75</td><td>77.41</td><td><lod< td=""><td>352.26</td><td>-18.15</td><td>60.15</td><td>2.31</td><td>14.65</td><td>1008.96</td><td>115.83</td><td>1209.78</td><td>67.61</td><td>80.35</td><td>45.38</td><td>311.39</td></lod<></td></lod<></td></lod<>	8502.73	20671.39	<lod< td=""><td>8591.15</td><td>3001.75</td><td>77.41</td><td><lod< td=""><td>352.26</td><td>-18.15</td><td>60.15</td><td>2.31</td><td>14.65</td><td>1008.96</td><td>115.83</td><td>1209.78</td><td>67.61</td><td>80.35</td><td>45.38</td><td>311.39</td></lod<></td></lod<>	8591.15	3001.75	77.41	<lod< td=""><td>352.26</td><td>-18.15</td><td>60.15</td><td>2.31</td><td>14.65</td><td>1008.96</td><td>115.83</td><td>1209.78</td><td>67.61</td><td>80.35</td><td>45.38</td><td>311.39</td></lod<>	352.26	-18.15	60.15	2.31	14.65	1008.96	115.83	1209.78	67.61	80.35	45.38	311.39
SOW17	SOU105 Wasters	Control	651818.73	147051.89	30347.32	<lod< td=""><td>8279.07</td><td>19089.24</td><td>274.07</td><td>7872.34</td><td>3054.62</td><td>515.75</td><td><lod< td=""><td>385.47</td><td>-13.70</td><td>60.23</td><td>-3.91</td><td>10.19</td><td>5636.95</td><td>98.12</td><td>4619.98</td><td>39.95</td><td>66.23</td><td>44.55</td><td>276.13</td></lod<></td></lod<>	8279.07	19089.24	274.07	7872.34	3054.62	515.75	<lod< td=""><td>385.47</td><td>-13.70</td><td>60.23</td><td>-3.91</td><td>10.19</td><td>5636.95</td><td>98.12</td><td>4619.98</td><td>39.95</td><td>66.23</td><td>44.55</td><td>276.13</td></lod<>	385.47	-13.70	60.23	-3.91	10.19	5636.95	98.12	4619.98	39.95	66.23	44.55	276.13
SOW18	SOU105 Wasters	Control	706916.35	174889.40	28781.79	<lod< td=""><td>8481.34</td><td>21047.30</td><td><lod< td=""><td>8889.47</td><td>3022.12</td><td>319.57</td><td><lod< td=""><td>296.52</td><td>-9.43</td><td>56.85</td><td>132.49</td><td>14.73</td><td>4776.65</td><td>117.08</td><td>4486.80</td><td>57.50</td><td>85.20</td><td>45.58</td><td>299.18</td></lod<></td></lod<></td></lod<>	8481.34	21047.30	<lod< td=""><td>8889.47</td><td>3022.12</td><td>319.57</td><td><lod< td=""><td>296.52</td><td>-9.43</td><td>56.85</td><td>132.49</td><td>14.73</td><td>4776.65</td><td>117.08</td><td>4486.80</td><td>57.50</td><td>85.20</td><td>45.58</td><td>299.18</td></lod<></td></lod<>	8889.47	3022.12	319.57	<lod< td=""><td>296.52</td><td>-9.43</td><td>56.85</td><td>132.49</td><td>14.73</td><td>4776.65</td><td>117.08</td><td>4486.80</td><td>57.50</td><td>85.20</td><td>45.58</td><td>299.18</td></lod<>	296.52	-9.43	56.85	132.49	14.73	4776.65	117.08	4486.80	57.50	85.20	45.58	299.18
SOW19	SOU105 Wasters	Control	638852.17	143687.94	25846.99	<lod< td=""><td>8520.98</td><td>19561.28</td><td><lod< td=""><td>7821.90</td><td>2802.70</td><td>241.39</td><td><lod< td=""><td>348.07</td><td>-7.90</td><td>56.94</td><td>29.40</td><td>11.84</td><td>6059.27</td><td>98.35</td><td>3159.42</td><td>50.66</td><td>65.75</td><td>42.60</td><td>258.81</td></lod<></td></lod<></td></lod<>	8520.98	19561.28	<lod< td=""><td>7821.90</td><td>2802.70</td><td>241.39</td><td><lod< td=""><td>348.07</td><td>-7.90</td><td>56.94</td><td>29.40</td><td>11.84</td><td>6059.27</td><td>98.35</td><td>3159.42</td><td>50.66</td><td>65.75</td><td>42.60</td><td>258.81</td></lod<></td></lod<>	7821.90	2802.70	241.39	<lod< td=""><td>348.07</td><td>-7.90</td><td>56.94</td><td>29.40</td><td>11.84</td><td>6059.27</td><td>98.35</td><td>3159.42</td><td>50.66</td><td>65.75</td><td>42.60</td><td>258.81</td></lod<>	348.07	-7.90	56.94	29.40	11.84	6059.27	98.35	3159.42	50.66	65.75	42.60	258.81
SOW20	SOU105 Wasters	Control	700754.41	161491.06	26413.27	<lod< td=""><td>7358.37</td><td>21499.98</td><td><lod< td=""><td>8794.48</td><td>2182.11</td><td>11.73</td><td><lod< td=""><td>326.97</td><td>-15.10</td><td>58.96</td><td>17.70</td><td>11.36</td><td>523.09</td><td>104.79</td><td>1542.54</td><td>53.79</td><td>85.25</td><td>41.71</td><td>278.60</td></lod<></td></lod<></td></lod<>	7358.37	21499.98	<lod< td=""><td>8794.48</td><td>2182.11</td><td>11.73</td><td><lod< td=""><td>326.97</td><td>-15.10</td><td>58.96</td><td>17.70</td><td>11.36</td><td>523.09</td><td>104.79</td><td>1542.54</td><td>53.79</td><td>85.25</td><td>41.71</td><td>278.60</td></lod<></td></lod<>	8794.48	2182.11	11.73	<lod< td=""><td>326.97</td><td>-15.10</td><td>58.96</td><td>17.70</td><td>11.36</td><td>523.09</td><td>104.79</td><td>1542.54</td><td>53.79</td><td>85.25</td><td>41.71</td><td>278.60</td></lod<>	326.97	-15.10	58.96	17.70	11.36	523.09	104.79	1542.54	53.79	85.25	41.71	278.60
SOW21	SOU105 Wasters	Control	639948.39	129234.75	27885.98	<lod< td=""><td>11819.64</td><td>20401.80</td><td><lod< td=""><td>7862.91</td><td>4428.18</td><td>10.65</td><td><lod< td=""><td>345.62</td><td>-17.87</td><td>78.55</td><td>34.27</td><td>11.90</td><td>773.40</td><td>105.33</td><td>2384.69</td><td>57.80</td><td>80.64</td><td>40.44</td><td>238.46</td></lod<></td></lod<></td></lod<>	11819.64	20401.80	<lod< td=""><td>7862.91</td><td>4428.18</td><td>10.65</td><td><lod< td=""><td>345.62</td><td>-17.87</td><td>78.55</td><td>34.27</td><td>11.90</td><td>773.40</td><td>105.33</td><td>2384.69</td><td>57.80</td><td>80.64</td><td>40.44</td><td>238.46</td></lod<></td></lod<>	7862.91	4428.18	10.65	<lod< td=""><td>345.62</td><td>-17.87</td><td>78.55</td><td>34.27</td><td>11.90</td><td>773.40</td><td>105.33</td><td>2384.69</td><td>57.80</td><td>80.64</td><td>40.44</td><td>238.46</td></lod<>	345.62	-17.87	78.55	34.27	11.90	773.40	105.33	2384.69	57.80	80.64	40.44	238.46
ALD8-1	VER	Control	597460.62	205356.03	33763.35	<lod< td=""><td>7679.39</td><td>18530.95</td><td><lod< td=""><td>9572.09</td><td>737.33</td><td>56.77</td><td>-8.79</td><td>369.02</td><td>-1.56</td><td>97.13</td><td>60.96</td><td>17.03</td><td>2415.09</td><td>148.59</td><td>4979.03</td><td>101.40</td><td>230.86</td><td>46.18</td><td>252.30</td></lod<></td></lod<>	7679.39	18530.95	<lod< td=""><td>9572.09</td><td>737.33</td><td>56.77</td><td>-8.79</td><td>369.02</td><td>-1.56</td><td>97.13</td><td>60.96</td><td>17.03</td><td>2415.09</td><td>148.59</td><td>4979.03</td><td>101.40</td><td>230.86</td><td>46.18</td><td>252.30</td></lod<>	9572.09	737.33	56.77	-8.79	369.02	-1.56	97.13	60.96	17.03	2415.09	148.59	4979.03	101.40	230.86	46.18	252.30
ALD8-2	VER	Control	571193.98	164306.73	52531.79	<lod< td=""><td>8509.10</td><td>20378.50</td><td>265.70</td><td>7526.54</td><td>1850.75</td><td>385.06</td><td>26.67</td><td>415.11</td><td>-2.42</td><td>102.27</td><td>32.24</td><td>13.05</td><td>9012.57</td><td>133.96</td><td>13870.08</td><td>77.35</td><td>104.79</td><td>190.77</td><td>278.85</td></lod<>	8509.10	20378.50	265.70	7526.54	1850.75	385.06	26.67	415.11	-2.42	102.27	32.24	13.05	9012.57	133.96	13870.08	77.35	104.79	190.77	278.85
ALD8-3	VER	Control	591205.34	171409.64	24665.96	<lod< td=""><td>7853.86</td><td>18276.65</td><td>84.20</td><td>8516.96</td><td>1790.14</td><td>1236.07</td><td>5.64</td><td>349.84</td><td>-2.40</td><td>50.84</td><td>64.49</td><td>15.47</td><td>7469.40</td><td>140.31</td><td>21815.24</td><td>99.19</td><td>93.86</td><td>46.05</td><td>247.34</td></lod<>	7853.86	18276.65	84.20	8516.96	1790.14	1236.07	5.64	349.84	-2.40	50.84	64.49	15.47	7469.40	140.31	21815.24	99.19	93.86	46.05	247.34
ALD8-4	VER	Control	704749.38	278600.15	35944.73	<lod< td=""><td>9955.65</td><td>18853.85</td><td>216.90</td><td>10100.78</td><td>1073.05</td><td>656.92</td><td>49.37</td><td>401.86</td><td>-0.85</td><td>87.94</td><td>76.17</td><td>19.05</td><td>8620.51</td><td>157.00</td><td>5039.94</td><td>110.45</td><td>141.14</td><td>51.60</td><td>333.10</td></lod<>	9955.65	18853.85	216.90	10100.78	1073.05	656.92	49.37	401.86	-0.85	87.94	76.17	19.05	8620.51	157.00	5039.94	110.45	141.14	51.60	333.10
ALD8-5	VER	Control	590707.25	179426.95	25336.19	<lod< td=""><td>8556.56</td><td>19326.25</td><td>263.93</td><td>8662.40</td><td>1451.54</td><td>170.92</td><td>9.72</td><td>369.89</td><td>-7.58</td><td>75.73</td><td>56.60</td><td>15.86</td><td>9846.96</td><td>135.81</td><td>8630.40</td><td>90.86</td><td>154.23</td><td>60.16</td><td>248.67</td></lod<>	8556.56	19326.25	263.93	8662.40	1451.54	170.92	9.72	369.89	-7.58	75.73	56.60	15.86	9846.96	135.81	8630.40	90.86	154.23	60.16	248.67
ALD8-6		Control	524881.62	123123.30	14506.53	<lod< td=""><td>9519.85</td><td>15823.28</td><td>247.41</td><td>5672.81</td><td>4417.57</td><td>3967.61</td><td>13.67</td><td>350.44</td><td>-8.14</td><td>15.87</td><td>38.71</td><td>9.01</td><td>26160.92</td><td>127.84</td><td>5/328.23</td><td>70.66</td><td>24.16</td><td>56.22</td><td>200.21</td></lod<>	9519.85	15823.28	247.41	5672.81	4417.57	3967.61	13.67	350.44	-8.14	15.87	38.71	9.01	26160.92	127.84	5/328.23	70.66	24.16	56.22	200.21
ALD8-7	VER	Control	644368.86	196113.96	29319.24	<lod< td=""><td>8084.02</td><td>19573.30</td><td>238.52</td><td>9336.45</td><td>1197.54</td><td>2856.27</td><td>69.63</td><td>282.86</td><td>-3.86</td><td>104.24</td><td>51.93</td><td>16.72</td><td>23557.70</td><td>141.42</td><td>9035.80</td><td>90.69</td><td>585.32</td><td>33.50</td><td>265.63</td></lod<>	8084.02	19573.30	238.52	9336.45	1197.54	2856.27	69.63	282.86	-3.86	104.24	51.93	16.72	23557.70	141.42	9035.80	90.69	585.32	33.50	265.63
ALD8-8	VER	Control	674091.73	1/6694.49	27042.24	<lod< td=""><td>7617.94</td><td>16904.69</td><td>240.79</td><td>/853.99</td><td>1581.30</td><td>703.11</td><td>55.10</td><td>339.80</td><td>-8.37</td><td>46.72</td><td>40.95</td><td>11.36</td><td>12633.41</td><td>126.72</td><td>2543.36</td><td>84.75</td><td>108.65</td><td>26.97</td><td>226.63</td></lod<>	7617.94	16904.69	240.79	/853.99	1581.30	703.11	55.10	339.80	-8.37	46.72	40.95	11.36	12633.41	126.72	2543.36	84.75	108.65	26.97	226.63
ALD8-9	VER	Control	607052.29	161194.43	24760.58	<lod< td=""><td>8388.01</td><td>16798.63</td><td>70.51</td><td>/734.60</td><td>1209.52</td><td>78.78</td><td>22.68</td><td>372.85</td><td>-4.95</td><td>50.78</td><td>43.53</td><td>12.67</td><td>1286.28</td><td>131.06</td><td>2744.01</td><td>87.98</td><td>107.03</td><td>29.55</td><td>228.12</td></lod<>	8388.01	16798.63	70.51	/734.60	1209.52	78.78	22.68	372.85	-4.95	50.78	43.53	12.67	1286.28	131.06	2744.01	87.98	107.03	29.55	228.12
ALD8-10	VER	Control	669124.07	1/3521.46	21733.84	<lod< td=""><td>8500.20</td><td>18291.21</td><td>103.08</td><td>8323.21</td><td>1815.10</td><td>99.07</td><td>-6.97</td><td>283.71</td><td>-1.77</td><td>56.28</td><td>50.91</td><td>15.05</td><td>977.63</td><td>134.37</td><td>6423.75</td><td>98.50</td><td>91.51</td><td>30.13</td><td>241.69</td></lod<>	8500.20	18291.21	103.08	8323.21	1815.10	99.07	-6.97	283.71	-1.77	56.28	50.91	15.05	977.63	134.37	6423.75	98.50	91.51	30.13	241.69

Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K₂O	*MnO	*TiO ₂	*P ₂ O ₅	*As	*Ag	*Ba	*Bi	*Cr	*Cu	*Nb	*Pb	*Rb	*S	*Sr	*V	*Zn *7	Zr
ALD8-11	VER	Control	680798.51	196431.27	32243.69	<lod< td=""><td>9817.53</td><td>18717.65</td><td>119.79</td><td>9234.50</td><td>659.17</td><td>15.26</td><td>-5.21 3</td><td>34.04</td><td>5.69</td><td>109.27</td><td>55.67</td><td>17.01</td><td>2729.79</td><td>138.17</td><td>1632.30</td><td>94.89</td><td>117.65</td><td>48.92 279</td><td>9.62</td></lod<>	9817.53	18717.65	119.79	9234.50	659.17	15.26	-5.21 3	34.04	5.69	109.27	55.67	17.01	2729.79	138.17	1632.30	94.89	117.65	48.92 279	9.62
ALD8-12	VER	Control	672448.19	178956.30	28536.19	<lod< td=""><td>8722.89</td><td>18655.87</td><td>212.56</td><td>8135.52</td><td>2834.87</td><td>341.63</td><td>5.97 3</td><td>25.30</td><td>-5.29</td><td>73.58</td><td>39.58</td><td>13.88</td><td>2101.16</td><td>135.14</td><td>7345.60</td><td>98.80</td><td>128.16</td><td>33.95 247</td><td>7.19</td></lod<>	8722.89	18655.87	212.56	8135.52	2834.87	341.63	5.97 3	25.30	-5.29	73.58	39.58	13.88	2101.16	135.14	7345.60	98.80	128.16	33.95 247	7.19
ALD8-13	VER	Control	683643.02	185244.74	31775.47	<lod< td=""><td>9298.90</td><td>18029.99</td><td>122.15</td><td>8844.72</td><td>1874.56</td><td>72.49</td><td>-4.67 2</td><td>87.47</td><td>-2.02</td><td>99.85</td><td>60.95</td><td>15.42</td><td>566.32</td><td>136.51</td><td>2415.17</td><td>100.52</td><td>101.52</td><td>41.43 285</td><td>5.21</td></lod<>	9298.90	18029.99	122.15	8844.72	1874.56	72.49	-4.67 2	87.47	-2.02	99.85	60.95	15.42	566.32	136.51	2415.17	100.52	101.52	41.43 285	5.21
ALD8-14	VER	Control	626518.42	180256.12	28988.73	<lod< td=""><td>8117.85</td><td>17361.04</td><td>121.62</td><td>8564.09</td><td>1953.25</td><td>108.23</td><td>-4.10 3</td><td>00.96</td><td>-5.01</td><td>74.01</td><td>53.97</td><td>14.50</td><td>1146.04</td><td>133.77</td><td>4233.74</td><td>96.74</td><td>222.31</td><td>37.77 295</td><td>5.63</td></lod<>	8117.85	17361.04	121.62	8564.09	1953.25	108.23	-4.10 3	00.96	-5.01	74.01	53.97	14.50	1146.04	133.77	4233.74	96.74	222.31	37.77 295	5.63
ALD8-15	VER	Control	683087.40	207943.96	31762.62	<lod< td=""><td>8165.99</td><td>18017.86</td><td>45.68</td><td>8979.09</td><td>973.09</td><td>42.21</td><td>8.04 2</td><td>94.51</td><td>-3.09</td><td>87.52</td><td>54.97</td><td>15.40</td><td>383.51</td><td>140.04</td><td>1326.55</td><td>102.06</td><td>88.67</td><td>32.83 247</td><td>7.15</td></lod<>	8165.99	18017.86	45.68	8979.09	973.09	42.21	8.04 2	94.51	-3.09	87.52	54.97	15.40	383.51	140.04	1326.55	102.06	88.67	32.83 247	7.15
ALD8-16	VER	Control	672003.97	189488.78	31040.98	<lod< td=""><td>7377.31</td><td>17446.34</td><td><lod< td=""><td>8308.71</td><td>706.19</td><td>24.02</td><td>8.39 2</td><td>96.32</td><td>-6.05</td><td>72.48</td><td>44.97</td><td>13.72</td><td>341.55</td><td>133.75</td><td>1172.44</td><td>94.87</td><td>85.81</td><td>28.38 239</td><td>9.37</td></lod<></td></lod<>	7377.31	17446.34	<lod< td=""><td>8308.71</td><td>706.19</td><td>24.02</td><td>8.39 2</td><td>96.32</td><td>-6.05</td><td>72.48</td><td>44.97</td><td>13.72</td><td>341.55</td><td>133.75</td><td>1172.44</td><td>94.87</td><td>85.81</td><td>28.38 239</td><td>9.37</td></lod<>	8308.71	706.19	24.02	8.39 2	96.32	-6.05	72.48	44.97	13.72	341.55	133.75	1172.44	94.87	85.81	28.38 239	9.37
ALD8-17	VER	Control	897069.32	242814.71	27631.26	<lod< td=""><td>7415.26</td><td>22215.56</td><td>159.34</td><td>8844.00</td><td>961.20</td><td>61.35</td><td>1.14 3</td><td>43.06</td><td>2.16</td><td>78.92</td><td>55.61</td><td>13.85</td><td>774.05</td><td>133.72</td><td>2081.12</td><td>86.86</td><td>88.27</td><td>60.28 269</td><td>9.36</td></lod<>	7415.26	22215.56	159.34	8844.00	961.20	61.35	1.14 3	43.06	2.16	78.92	55.61	13.85	774.05	133.72	2081.12	86.86	88.27	60.28 269	9.36
ALD8-18	VER	Control	916550.73	259893.17	32184.23	<lod< td=""><td>9945.02</td><td>19907.73</td><td>54.98</td><td>9840.74</td><td>1203.86</td><td>103.71</td><td>-1.60 3</td><td>62.12</td><td>3.71</td><td>103.24</td><td>44.74</td><td>15.07</td><td>2203.87</td><td>136.02</td><td>2572.58</td><td>103.56</td><td>102.16</td><td>54.80 31f</td><td>6.79</td></lod<>	9945.02	19907.73	54.98	9840.74	1203.86	103.71	-1.60 3	62.12	3.71	103.24	44.74	15.07	2203.87	136.02	2572.58	103.56	102.16	54.80 31f	6.79
ALD8-19	VER	Control	905582.89	261299.35	30574.53	<lod< td=""><td>9925.12</td><td>17949.85</td><td>40.61</td><td>9101.84</td><td>1281.54</td><td>17.84</td><td>-6.80 3</td><td>11.12</td><td>4.90</td><td>82.82</td><td>72.67</td><td>14.18</td><td>1018.26</td><td>138.35</td><td>2751.42</td><td>96.60</td><td>133.80</td><td>36.73 247</td><td>7.53</td></lod<>	9925.12	17949.85	40.61	9101.84	1281.54	17.84	-6.80 3	11.12	4.90	82.82	72.67	14.18	1018.26	138.35	2751.42	96.60	133.80	36.73 247	7.53
ALD8-20	VER	Control	898065.28	259113.92	32105.72	<lod< td=""><td>12911.93</td><td>19038.17</td><td>107.43</td><td>9548.58</td><td>5889.87</td><td>319.62</td><td>-5.70 3</td><td>18.44</td><td>7.99</td><td>93.14</td><td>78.53</td><td>16.12</td><td>2944.29</td><td>149.59</td><td>15821.37</td><td>95.48</td><td>342.76</td><td>52.10 260</td><td>0.64</td></lod<>	12911.93	19038.17	107.43	9548.58	5889.87	319.62	-5.70 3	18.44	7.99	93.14	78.53	16.12	2944.29	149.59	15821.37	95.48	342.76	52.10 260	0.64
ALD8-21	VER	Control	877969.40	240157.74	33626.89	<lod< td=""><td>8842.93</td><td>18868.50</td><td>223.62</td><td>8553.11</td><td>1124.14</td><td><lod< td=""><td>-15.08 2</td><td>26.38</td><td>7.88</td><td>81.17</td><td>48.73</td><td>15.40</td><td>9745.63</td><td>138.87</td><td>8726.56</td><td>107.87</td><td>109.45</td><td>40.66 250</td><td>0.68</td></lod<></td></lod<>	8842.93	18868.50	223.62	8553.11	1124.14	<lod< td=""><td>-15.08 2</td><td>26.38</td><td>7.88</td><td>81.17</td><td>48.73</td><td>15.40</td><td>9745.63</td><td>138.87</td><td>8726.56</td><td>107.87</td><td>109.45</td><td>40.66 250</td><td>0.68</td></lod<>	-15.08 2	26.38	7.88	81.17	48.73	15.40	9745.63	138.87	8726.56	107.87	109.45	40.66 250	0.68
ALD8-22	VER	Control	725563.88	196878.02	22471.31	<lod< td=""><td>9939.52</td><td>16227.79</td><td>124.55</td><td>6931.98</td><td>6698.88</td><td>1942.51</td><td>22.79 3</td><td>80.12</td><td>15.86</td><td>45.53</td><td>47.94</td><td>10.41</td><td>10076.18</td><td>133.00</td><td>43572.72</td><td>83.98</td><td>372.17</td><td>54.68 222</td><td>2.02</td></lod<>	9939.52	16227.79	124.55	6931.98	6698.88	1942.51	22.79 3	80.12	15.86	45.53	47.94	10.41	10076.18	133.00	43572.72	83.98	372.17	54.68 222	2.02
ALD8-23	VER	Control	884823.79	249480.39	30406.90	<lod< td=""><td>8415.48</td><td>19325.09</td><td>49.44</td><td>9248.92</td><td>1600.30</td><td>5.29</td><td>-3.14 3</td><td>44.16</td><td>0.19</td><td>88.52</td><td>43.34</td><td>14.02</td><td>538.47</td><td>136.77</td><td>1161.66</td><td>93.25</td><td>87.76</td><td>36.41 295</td><td>5.75</td></lod<>	8415.48	19325.09	49.44	9248.92	1600.30	5.29	-3.14 3	44.16	0.19	88.52	43.34	14.02	538.47	136.77	1161.66	93.25	87.76	36.41 295	5.75
ALD8-24	VER	Control	869023.89	233106.51	28689.22	<lod< td=""><td>11393.33</td><td>19108.53</td><td>41.04</td><td>8938.12</td><td>1365.93</td><td>2331.85</td><td>-20.96 2</td><td>53.59</td><td>11.73</td><td>73.86</td><td>51.65</td><td>15.42</td><td>6494.40</td><td>137.39</td><td>2237.15</td><td>102.72</td><td>90.44</td><td>52.87 302</td><td>2.22</td></lod<>	11393.33	19108.53	41.04	8938.12	1365.93	2331.85	-20.96 2	53.59	11.73	73.86	51.65	15.42	6494.40	137.39	2237.15	102.72	90.44	52.87 302	2.22
ALD8-25	VER	Control	919181.86	254590.42	33316.77	<lod< td=""><td>9170.99</td><td>19249.17</td><td>96.31</td><td>9270.22</td><td>3053.58</td><td>107.98</td><td>-7.43 3</td><td>46.50</td><td>2.30</td><td>97.73</td><td>57.02</td><td>15.05</td><td>1792.10</td><td>139.16</td><td>5193.91</td><td>122.78</td><td>117.56</td><td>44.56 316</td><td>6.32</td></lod<>	9170.99	19249.17	96.31	9270.22	3053.58	107.98	-7.43 3	46.50	2.30	97.73	57.02	15.05	1792.10	139.16	5193.91	122.78	117.56	44.56 316	6.32
ALD8-26	VER	Control	877438.17	260217.27	34554.06	<lod< td=""><td>9555.90</td><td>18535.46</td><td>216.73</td><td>9419.67</td><td>743.22</td><td>17.39</td><td>-23.63 3</td><td>02.41</td><td>10.73</td><td>89.69</td><td>73.62</td><td>15.64</td><td>3363.69</td><td>145.89</td><td>3143.75</td><td>94.62</td><td>92.47</td><td>45.26 25f</td><td>6.70</td></lod<>	9555.90	18535.46	216.73	9419.67	743.22	17.39	-23.63 3	02.41	10.73	89.69	73.62	15.64	3363.69	145.89	3143.75	94.62	92.47	45.26 25f	6.70
ALD8-27	VER	Control	608724.47	171352.45	34121.30	<lod< td=""><td>8392.26</td><td>19159.07</td><td>417.46</td><td>10099.36</td><td>1146.49</td><td>50.29</td><td>-2.88 2</td><td>97.30</td><td>5.52</td><td>126.18</td><td>37.49</td><td>16.06</td><td>3169.47</td><td>137.55</td><td>2285.82</td><td>95.97</td><td>133.76</td><td>157.44 250</td><td>0.25</td></lod<>	8392.26	19159.07	417.46	10099.36	1146.49	50.29	-2.88 2	97.30	5.52	126.18	37.49	16.06	3169.47	137.55	2285.82	95.97	133.76	157.44 250	0.25
ALD8-28	VER	Control	628111.85	187445.53	34913.72	<lod< td=""><td>7422.24</td><td>19564.32</td><td><lod< td=""><td>9121.24</td><td>65.28</td><td><lod< td=""><td>-1.04 3</td><td>10.43</td><td>5.17</td><td>105.11</td><td>63.72</td><td>15.92</td><td>1094.19</td><td>142.98</td><td>1181.86</td><td>101.32</td><td>101.93</td><td>35.50 23</td><td>8.07</td></lod<></td></lod<></td></lod<>	7422.24	19564.32	<lod< td=""><td>9121.24</td><td>65.28</td><td><lod< td=""><td>-1.04 3</td><td>10.43</td><td>5.17</td><td>105.11</td><td>63.72</td><td>15.92</td><td>1094.19</td><td>142.98</td><td>1181.86</td><td>101.32</td><td>101.93</td><td>35.50 23</td><td>8.07</td></lod<></td></lod<>	9121.24	65.28	<lod< td=""><td>-1.04 3</td><td>10.43</td><td>5.17</td><td>105.11</td><td>63.72</td><td>15.92</td><td>1094.19</td><td>142.98</td><td>1181.86</td><td>101.32</td><td>101.93</td><td>35.50 23</td><td>8.07</td></lod<>	-1.04 3	10.43	5.17	105.11	63.72	15.92	1094.19	142.98	1181.86	101.32	101.93	35.50 23	8.07
ALD8-29	VER	Control	644389.27	189705.20	36989.16	<lod< td=""><td>9642.09</td><td>19283.67</td><td>100.59</td><td>9277.92</td><td>2615.35</td><td>112.10</td><td>-8.04 3</td><td>10.89</td><td>1.38</td><td>96.41</td><td>59.46</td><td>16.53</td><td>1752.39</td><td>144.36</td><td>5653.70</td><td>116.50</td><td>144.13</td><td>38.41 279</td><td>9.14</td></lod<>	9642.09	19283.67	100.59	9277.92	2615.35	112.10	-8.04 3	10.89	1.38	96.41	59.46	16.53	1752.39	144.36	5653.70	116.50	144.13	38.41 279	9.14
ALD8-30	VER	Control	592912.79	169596.97	32720.43	<lod< td=""><td>11267.22</td><td>17376.25</td><td>106.66</td><td>9474.10</td><td>1498.29</td><td><lod< td=""><td>-3.51 2</td><td>87.21</td><td>2.45</td><td>86.67</td><td>51.06</td><td>15.70</td><td>903.46</td><td>139.50</td><td>2802.56</td><td>96.87</td><td>79.85</td><td>53.02 244</td><td>4.99</td></lod<></td></lod<>	11267.22	17376.25	106.66	9474.10	1498.29	<lod< td=""><td>-3.51 2</td><td>87.21</td><td>2.45</td><td>86.67</td><td>51.06</td><td>15.70</td><td>903.46</td><td>139.50</td><td>2802.56</td><td>96.87</td><td>79.85</td><td>53.02 244</td><td>4.99</td></lod<>	-3.51 2	87.21	2.45	86.67	51.06	15.70	903.46	139.50	2802.56	96.87	79.85	53.02 244	4.99
ALD8-31	VER	Control	571319.48	173107.02	27076.73	<lod< td=""><td>9454.75</td><td>18450.53</td><td>120.09</td><td>10082.51</td><td>7402.57</td><td>8742.23</td><td>-8.04 3</td><td>54.60</td><td>3.96</td><td>108.50</td><td>31.12</td><td>15.57</td><td>1881.22</td><td>131.49</td><td>2436.58</td><td>91.37</td><td>115.71</td><td>208.97 293</td><td>3.22</td></lod<>	9454.75	18450.53	120.09	10082.51	7402.57	8742.23	-8.04 3	54.60	3.96	108.50	31.12	15.57	1881.22	131.49	2436.58	91.37	115.71	208.97 293	3.22
ALD8-32	VER	Control	597437.92	180408.15	25889.67	<lod< td=""><td>8336.25</td><td>17255.76</td><td><lod< td=""><td>9490.59</td><td>2492.07</td><td><lod< td=""><td>-5.58 3</td><td>12.15</td><td>2.11</td><td>89.14</td><td>58.34</td><td>15.88</td><td>826.30</td><td>142.91</td><td>1308.87</td><td>94.30</td><td>70.22</td><td>45.75 296</td><td>6.07</td></lod<></td></lod<></td></lod<>	8336.25	17255.76	<lod< td=""><td>9490.59</td><td>2492.07</td><td><lod< td=""><td>-5.58 3</td><td>12.15</td><td>2.11</td><td>89.14</td><td>58.34</td><td>15.88</td><td>826.30</td><td>142.91</td><td>1308.87</td><td>94.30</td><td>70.22</td><td>45.75 296</td><td>6.07</td></lod<></td></lod<>	9490.59	2492.07	<lod< td=""><td>-5.58 3</td><td>12.15</td><td>2.11</td><td>89.14</td><td>58.34</td><td>15.88</td><td>826.30</td><td>142.91</td><td>1308.87</td><td>94.30</td><td>70.22</td><td>45.75 296</td><td>6.07</td></lod<>	-5.58 3	12.15	2.11	89.14	58.34	15.88	826.30	142.91	1308.87	94.30	70.22	45.75 296	6.07
ALD8-33	VER	Control	548870.32	163388.27	29019.84	<lod< td=""><td>11973.41</td><td>18647.96</td><td>110.98</td><td>9969.80</td><td>6620.38</td><td>593.16</td><td>-9.10 3</td><td>43.40</td><td>-4.41</td><td>101.05</td><td>55.14</td><td>15.35</td><td>5243.03</td><td>132.52</td><td>8480.97</td><td>110.35</td><td>148.48</td><td>222.75 294</td><td>4.23</td></lod<>	11973.41	18647.96	110.98	9969.80	6620.38	593.16	-9.10 3	43.40	-4.41	101.05	55.14	15.35	5243.03	132.52	8480.97	110.35	148.48	222.75 294	4.23
ALD8-34	VER	Control	621707.65	181529.15	25202.82	<lod< td=""><td>10585.30</td><td>17754.43</td><td><lod< td=""><td>10547.18</td><td>2229.50</td><td><lod< td=""><td>-8.06 3</td><td>62.65</td><td>1.48</td><td>70.79</td><td>53.23</td><td>16.32</td><td>3017.87</td><td>131.39</td><td>1645.95</td><td>95.97</td><td>117.49</td><td>230.72 264</td><td>4.06</td></lod<></td></lod<></td></lod<>	10585.30	17754.43	<lod< td=""><td>10547.18</td><td>2229.50</td><td><lod< td=""><td>-8.06 3</td><td>62.65</td><td>1.48</td><td>70.79</td><td>53.23</td><td>16.32</td><td>3017.87</td><td>131.39</td><td>1645.95</td><td>95.97</td><td>117.49</td><td>230.72 264</td><td>4.06</td></lod<></td></lod<>	10547.18	2229.50	<lod< td=""><td>-8.06 3</td><td>62.65</td><td>1.48</td><td>70.79</td><td>53.23</td><td>16.32</td><td>3017.87</td><td>131.39</td><td>1645.95</td><td>95.97</td><td>117.49</td><td>230.72 264</td><td>4.06</td></lod<>	-8.06 3	62.65	1.48	70.79	53.23	16.32	3017.87	131.39	1645.95	95.97	117.49	230.72 264	4.06
ALD8-35	VER	Control	597635.02	173235.71	22906.71	<lod< td=""><td>10276.62</td><td>18122.44</td><td>82.10</td><td>9170.11</td><td>3444.52</td><td>33.29</td><td>-16.94 2</td><td>76.41</td><td>-4.03</td><td>72.16</td><td>39.82</td><td>14.99</td><td>2570.19</td><td>127.24</td><td>2975.65</td><td>94.73</td><td>124.28</td><td>168.06 280</td><td>0.11</td></lod<>	10276.62	18122.44	82.10	9170.11	3444.52	33.29	-16.94 2	76.41	-4.03	72.16	39.82	14.99	2570.19	127.24	2975.65	94.73	124.28	168.06 280	0.11
ALD8-36	VER	Control	590810.28	174941.08	29832.74	<lod< td=""><td>10024.37</td><td>18946.78</td><td>113.91</td><td>9909.43</td><td>3497.11</td><td>20.82</td><td>-19.38 3</td><td>27.42</td><td>2.31</td><td>79.77</td><td>29.24</td><td>16.73</td><td>2409.04</td><td>146.68</td><td>4671.66</td><td>96.13</td><td>176.46</td><td>120.79 264</td><td>4.79</td></lod<>	10024.37	18946.78	113.91	9909.43	3497.11	20.82	-19.38 3	27.42	2.31	79.77	29.24	16.73	2409.04	146.68	4671.66	96.13	176.46	120.79 264	4.79
ALD8-37	VER	Control	644229.07	179815.00	29277.06	<lod< td=""><td>9060.99</td><td>18447.28</td><td>69.17</td><td>10423.69</td><td>2385.16</td><td>8.47</td><td>-4.58 3</td><td>38.00</td><td>-3.82</td><td>68.70</td><td>54.78</td><td>19.27</td><td>228.02</td><td>141.47</td><td>1233.35</td><td>106.43</td><td>122.53</td><td>37.90 32!</td><td>5.47</td></lod<>	9060.99	18447.28	69.17	10423.69	2385.16	8.47	-4.58 3	38.00	-3.82	68.70	54.78	19.27	228.02	141.47	1233.35	106.43	122.53	37.90 32!	5.47
ALD8-38	VER	Control	464803.95	132107.94	21298.72	<lod< td=""><td>10355.41</td><td>18592.34</td><td>265.43</td><td>6225.31</td><td>9576.64</td><td>3611.01</td><td>28.92 5</td><td>20.43</td><td>14.79</td><td>26.02</td><td>42.66</td><td>11.45</td><td>20566.76</td><td>133.48</td><td>45475.72</td><td>98.12</td><td>220.00</td><td>105.68 25'</td><td>1.95</td></lod<>	10355.41	18592.34	265.43	6225.31	9576.64	3611.01	28.92 5	20.43	14.79	26.02	42.66	11.45	20566.76	133.48	45475.72	98.12	220.00	105.68 25'	1.95
ALD8-39	VER	Control	539757.25	168642.11	32743.36	<lod< td=""><td>8529.36</td><td>17452.16</td><td>615.07</td><td>8769.44</td><td>2538.34</td><td>6018.19</td><td>96.92 3</td><td>54.25</td><td>-3.42</td><td>143.96</td><td>58.41</td><td>14.71</td><td>44147.05</td><td>133.68</td><td>3517.18</td><td>83.75</td><td>131.87</td><td>157.18 264</td><td>64.24</td></lod<>	8529.36	17452.16	615.07	8769.44	2538.34	6018.19	96.92 3	54.25	-3.42	143.96	58.41	14.71	44147.05	133.68	3517.18	83.75	131.87	157.18 264	64.24
ALD8-40	VER	Control	614672.49	165402.21	32655.04	<lod< td=""><td>8290.60</td><td>18918.92</td><td><lod< td=""><td>8297.34</td><td>2345.38</td><td>82.72</td><td>-35.49 2</td><td>47.12</td><td>-1.11</td><td>77.56</td><td>56.29</td><td>14.32</td><td>1679.35</td><td>140.01</td><td>4388.83</td><td>109.01</td><td>129.68</td><td>51.24 242</td><td>2.66</td></lod<></td></lod<>	8290.60	18918.92	<lod< td=""><td>8297.34</td><td>2345.38</td><td>82.72</td><td>-35.49 2</td><td>47.12</td><td>-1.11</td><td>77.56</td><td>56.29</td><td>14.32</td><td>1679.35</td><td>140.01</td><td>4388.83</td><td>109.01</td><td>129.68</td><td>51.24 242</td><td>2.66</td></lod<>	8297.34	2345.38	82.72	-35.49 2	47.12	-1.11	77.56	56.29	14.32	1679.35	140.01	4388.83	109.01	129.68	51.24 242	2.66
ALD8-41	VER	Control	602184.41	157454.00	22695.87	<lod< td=""><td>9236.76</td><td>18652.21</td><td>64.65</td><td>8525.41</td><td>3486.04</td><td>589.66</td><td>-21.03 2</td><td>86.09</td><td>6.67</td><td>24.53</td><td>46.06</td><td>12.45</td><td>9827.65</td><td>131.69</td><td>30353.35</td><td>82.45</td><td>82.00</td><td>60.71 24</td><td>8.16</td></lod<>	9236.76	18652.21	64.65	8525.41	3486.04	589.66	-21.03 2	86.09	6.67	24.53	46.06	12.45	9827.65	131.69	30353.35	82.45	82.00	60.71 24	8.16
ALD8-42	VER	Control	574635.64	158653.58	28207.97	<lod< td=""><td>8307.29</td><td>18763.68</td><td>770.49</td><td>7789.38</td><td>2634.28</td><td>94.65</td><td>6.31 3</td><td>91.74</td><td>3.85</td><td>56.17</td><td>57.33</td><td>13.19</td><td>3770.81</td><td>131.10</td><td>6674.27</td><td>86.42</td><td>230.78</td><td>45.24 22</td><td>2.56</td></lod<>	8307.29	18763.68	770.49	7789.38	2634.28	94.65	6.31 3	91.74	3.85	56.17	57.33	13.19	3770.81	131.10	6674.27	86.42	230.78	45.24 22	2.56
ALD8-43	VER	Control	570873.39	145470.82	21948.48	<lod< td=""><td>8814.95</td><td>17394.15</td><td>347.64</td><td>7604.98</td><td>1056.46</td><td>3743.11</td><td>45.48 3</td><td>25.45</td><td>29.50</td><td>49.54</td><td>38.89</td><td>14.19</td><td>32991.18</td><td>131.21</td><td>14515.43</td><td>81.47</td><td>166.10</td><td>40.99 21:</td><td>3.41</td></lod<>	8814.95	17394.15	347.64	7604.98	1056.46	3743.11	45.48 3	25.45	29.50	49.54	38.89	14.19	32991.18	131.21	14515.43	81.47	166.10	40.99 21:	3.41
ALD8-44	VER	Control	466047.53	132255.36	17118.33	<lod< td=""><td>10784.19</td><td>17992.20</td><td>336.19</td><td>5885.02</td><td>5940.45</td><td>4502.42</td><td>41.02 4</td><td>64.83</td><td>27.69</td><td>30.10</td><td>51.16</td><td>11.51</td><td>23910.22</td><td>132.72</td><td>57068.82</td><td>74.43</td><td>135.49</td><td>43.53 219</td><td>9.70</td></lod<>	10784.19	17992.20	336.19	5885.02	5940.45	4502.42	41.02 4	64.83	27.69	30.10	51.16	11.51	23910.22	132.72	57068.82	74.43	135.49	43.53 219	9.70
ALD8-45	VER	Control	652029.28	174815.75	22212.93	<lod< td=""><td>7554.53</td><td>18872.04</td><td>697.15</td><td>8557.77</td><td>158.98</td><td>7461.70</td><td>93.74 3</td><td>28.68</td><td>-4.10</td><td>65.92</td><td>45.23</td><td>13.84</td><td>55375.38</td><td>131.67</td><td>3439.32</td><td>88.68</td><td>66.67</td><td>33.28 23</td><td>7.36</td></lod<>	7554.53	18872.04	697.15	8557.77	158.98	7461.70	93.74 3	28.68	-4.10	65.92	45.23	13.84	55375.38	131.67	3439.32	88.68	66.67	33.28 23	7.36
ALD8-46	VER	Control	578993.72	144412.11	21473.13	<lod< td=""><td>8340.69</td><td>17465.81</td><td>732.91</td><td>7849.85</td><td>1091.79</td><td>7362.37</td><td>239.47 3</td><td>69.91</td><td>-1.81</td><td>80.75</td><td>70.67</td><td>11.30</td><td>80648.69</td><td>129.87</td><td>8523.92</td><td>96.29</td><td>125.89</td><td>29.88 22</td><td>8.50</td></lod<>	8340.69	17465.81	732.91	7849.85	1091.79	7362.37	239.47 3	69.91	-1.81	80.75	70.67	11.30	80648.69	129.87	8523.92	96.29	125.89	29.88 22	8.50
ALD8-47	VER	Control	580461.98	151263.09	30932.60	<lod< td=""><td>7785.48</td><td>18554.26</td><td>538.61</td><td>8329.13</td><td>1473.86</td><td>35.56</td><td>10.72 3</td><td>66.18</td><td>11.24</td><td>75.65</td><td>47.21</td><td>13.14</td><td>5901.25</td><td>129.64</td><td>4194.10</td><td>86.77</td><td>124.85</td><td>32.77 24:</td><td>3.57</td></lod<>	7785.48	18554.26	538.61	8329.13	1473.86	35.56	10.72 3	66.18	11.24	75.65	47.21	13.14	5901.25	129.64	4194.10	86.77	124.85	32.77 24:	3.57
ALD8-48	VER	Control	625860.24	149318.08	22149.17	<lod< td=""><td>9306.33</td><td>17655.04</td><td><lod< td=""><td>8463.26</td><td>1202.97</td><td>101.78</td><td>-21.12 2</td><td>64.01</td><td>-6.51</td><td>52.47</td><td>34.13</td><td>13.32</td><td>1892.77</td><td>130.99</td><td>8288.55</td><td>92.99</td><td>84.24</td><td>25.35 233</td><td>3.68</td></lod<></td></lod<>	9306.33	17655.04	<lod< td=""><td>8463.26</td><td>1202.97</td><td>101.78</td><td>-21.12 2</td><td>64.01</td><td>-6.51</td><td>52.47</td><td>34.13</td><td>13.32</td><td>1892.77</td><td>130.99</td><td>8288.55</td><td>92.99</td><td>84.24</td><td>25.35 233</td><td>3.68</td></lod<>	8463.26	1202.97	101.78	-21.12 2	64.01	-6.51	52.47	34.13	13.32	1892.77	130.99	8288.55	92.99	84.24	25.35 233	3.68
ALD8-49	VER	Control	569015.64	167654.47	25460.39	<lod< td=""><td>10017.22</td><td>18311.28</td><td>125.99</td><td>7756.03</td><td>1959.55</td><td>2784.71</td><td>2.94 3</td><td>52.33</td><td>1.77</td><td>63.76</td><td>39.78</td><td>12.18</td><td>16478.24</td><td>135.97</td><td>18027.52</td><td>88.04</td><td>99.14</td><td>39.16 257</td><td>7.36</td></lod<>	10017.22	18311.28	125.99	7756.03	1959.55	2784.71	2.94 3	52.33	1.77	63.76	39.78	12.18	16478.24	135.97	18027.52	88.04	99.14	39.16 257	7.36
ALD8-50	VER	Control	536136.23	157354.70	29583.94	<lod< td=""><td>9053.70</td><td>19433.34</td><td>70.05</td><td>8066.69</td><td>4074.75</td><td>272.31</td><td>-7.30 3</td><td>25.93</td><td>9.91</td><td>85.61</td><td>39.52</td><td>13.85</td><td>2337.85</td><td>134.89</td><td>10178.64</td><td>93.71</td><td>109.99</td><td>37.52 25</td><td>7.45</td></lod<>	9053.70	19433.34	70.05	8066.69	4074.75	272.31	-7.30 3	25.93	9.91	85.61	39.52	13.85	2337.85	134.89	10178.64	93.71	109.99	37.52 25	7.45
ALD3-1	VER	Control	530037.85	147832.05	22987.80	<lod< td=""><td>12094.56</td><td>19945.77</td><td>528.75</td><td>8117.45</td><td>1148.78</td><td>1253.70</td><td>22.46 4</td><td>07.98</td><td>-3.47</td><td>58.99</td><td>55.01</td><td>15.46</td><td>11073.03</td><td>132.65</td><td>8794.77</td><td>86.78</td><td>92.61</td><td>82.42 23</td><td>1.65</td></lod<>	12094.56	19945.77	528.75	8117.45	1148.78	1253.70	22.46 4	07.98	-3.47	58.99	55.01	15.46	11073.03	132.65	8794.77	86.78	92.61	82.42 23	1.65
ALD3-2	VER	Control	628336.04	181289.66	31833.94	<lod< td=""><td>8005.34</td><td>17606.54</td><td><lod< td=""><td>8923.02</td><td>331.77</td><td>13.26</td><td>-12.36 3</td><td>46.49</td><td>-3.73</td><td>59.12</td><td>52.77</td><td>15.42</td><td>1099.42</td><td>140.49</td><td>2223.11</td><td>93.11</td><td>79.78</td><td>42.15 24</td><td>5.67</td></lod<></td></lod<>	8005.34	17606.54	<lod< td=""><td>8923.02</td><td>331.77</td><td>13.26</td><td>-12.36 3</td><td>46.49</td><td>-3.73</td><td>59.12</td><td>52.77</td><td>15.42</td><td>1099.42</td><td>140.49</td><td>2223.11</td><td>93.11</td><td>79.78</td><td>42.15 24</td><td>5.67</td></lod<>	8923.02	331.77	13.26	-12.36 3	46.49	-3.73	59.12	52.77	15.42	1099.42	140.49	2223.11	93.11	79.78	42.15 24	5.67
ALD3-3	VER	Control	627647.09	203013.45	39418.43	<lod< td=""><td>11001.71</td><td>19449.42</td><td>73.63</td><td>10238.88</td><td>1711.21</td><td>76.47</td><td><lod 2<="" td=""><td>25.35</td><td>2.18</td><td>112.87</td><td>60.40</td><td>19.03</td><td>3119.89</td><td>144.52</td><td>4323.79</td><td>120.55</td><td>119.69</td><td>68.02 352</td><td>2.52</td></lod></td></lod<>	11001.71	19449.42	73.63	10238.88	1711.21	76.47	<lod 2<="" td=""><td>25.35</td><td>2.18</td><td>112.87</td><td>60.40</td><td>19.03</td><td>3119.89</td><td>144.52</td><td>4323.79</td><td>120.55</td><td>119.69</td><td>68.02 352</td><td>2.52</td></lod>	25.35	2.18	112.87	60.40	19.03	3119.89	144.52	4323.79	120.55	119.69	68.02 352	2.52
ALD3-4	VER	Control	577246.86	171626.16	22732.24	<lod< td=""><td>9058.81</td><td>17388.36</td><td>153.64</td><td>8278.79</td><td>2604.10</td><td>996.04</td><td>-5.62 3</td><td>47.71</td><td>4.46</td><td>58.11</td><td>65.54</td><td>15.84</td><td>8841.26</td><td>133.93</td><td>25561.11</td><td>97.65</td><td>97.04</td><td>48.07 27!</td><td>5.02</td></lod<>	9058.81	17388.36	153.64	8278.79	2604.10	996.04	-5.62 3	47.71	4.46	58.11	65.54	15.84	8841.26	133.93	25561.11	97.65	97.04	48.07 27!	5.02
ALD3-5	VER	Control	614428.52	200521.50	36569.34	<lod< td=""><td>11187.78</td><td>18592.95</td><td>239.92</td><td>9425.96</td><td>303.04</td><td>9.71</td><td>3.21 3</td><td>98.82</td><td>0.57</td><td>107.59</td><td>65.73</td><td>15.96</td><td>471.17</td><td>137.19</td><td>486.00</td><td>101.03</td><td>117.30</td><td>44.19 250</td><td>0.57</td></lod<>	11187.78	18592.95	239.92	9425.96	303.04	9.71	3.21 3	98.82	0.57	107.59	65.73	15.96	471.17	137.19	486.00	101.03	117.30	44.19 250	0.57
ALD3-6	VER	Control	654009.54	205325.42	35869.19	<lod< td=""><td>8967.01</td><td>19086.82</td><td>60.80</td><td>9615.24</td><td>365.53</td><td>0.85</td><td>4.68 3</td><td>39.38</td><td>2.73</td><td>80.79</td><td>68.67</td><td>18.39</td><td>661.65</td><td>148.03</td><td>1893.52</td><td>108.27</td><td>96.68</td><td>49.93 34'</td><td>1.00</td></lod<>	8967.01	19086.82	60.80	9615.24	365.53	0.85	4.68 3	39.38	2.73	80.79	68.67	18.39	661.65	148.03	1893.52	108.27	96.68	49.93 34'	1.00
ALD3-7	VER	Control	470798.96	144070.04	23116.44	<lod< td=""><td>11379.76</td><td>19275.88</td><td>516.80</td><td>8364.47</td><td>4113.68</td><td>224.57</td><td>28.99 4</td><td>32.76</td><td>-5.68</td><td>77.54</td><td>78.76</td><td>15.06</td><td>2821.02</td><td>136.01</td><td>5907.07</td><td>87.81</td><td>109.37</td><td>44.63 26</td><td>7.06</td></lod<>	11379.76	19275.88	516.80	8364.47	4113.68	224.57	28.99 4	32.76	-5.68	77.54	78.76	15.06	2821.02	136.01	5907.07	87.81	109.37	44.63 26	7.06
ALD3-8	VER	Control	692069.58	171817.40	25804.65	<lod< td=""><td>8004.55</td><td>17109.05</td><td>163.23</td><td>9520.22</td><td>836.16</td><td>59.07</td><td>-14.66 2</td><td>71.38</td><td>-0.52</td><td>60.42</td><td>79.82</td><td>17.38</td><td>854.63</td><td>134.00</td><td>2401.90</td><td>90.73</td><td>144.82</td><td>45.50 28;</td><td>2.59</td></lod<>	8004.55	17109.05	163.23	9520.22	836.16	59.07	-14.66 2	71.38	-0.52	60.42	79.82	17.38	854.63	134.00	2401.90	90.73	144.82	45.50 28;	2.59
ALD3-9	VER	Control	596158.15	174410.05	34185.33	<lod< td=""><td>8359.97</td><td>18963.02</td><td>55.69</td><td>9618.95</td><td>40.72</td><td>16.00</td><td>9.90 3</td><td>50.13</td><td>1.46</td><td>102.71</td><td>59.21</td><td>16.39</td><td>660.98</td><td>141.06</td><td>796.37</td><td>105.13</td><td>111.36</td><td>39.16 32;</td><td>2.23</td></lod<>	8359.97	18963.02	55.69	9618.95	40.72	16.00	9.90 3	50.13	1.46	102.71	59.21	16.39	660.98	141.06	796.37	105.13	111.36	39.16 32;	2.23
ALD3-10	VER	Control	598002.40	176851.34	32020.14	<lod< td=""><td>9966.14</td><td>17397.17</td><td>52.63</td><td>9154.33</td><td>68.95</td><td>4542.58</td><td>-27.47 3</td><td>62.33</td><td>-0.28</td><td>79.97</td><td>48.94</td><td>14.70</td><td>5345.18</td><td>130.66</td><td>3650.91</td><td>94.20</td><td>93.57</td><td>40.04 326</td><td>6.78</td></lod<>	9966.14	17397.17	52.63	9154.33	68.95	4542.58	-27.47 3	62.33	-0.28	79.97	48.94	14.70	5345.18	130.66	3650.91	94.20	93.57	40.04 326	6.78
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Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K ₂ O	*MnO	*TiO ₂	*P ₂ O ₅	*As	*Ag	*Ba	*Bi	*Cr	*Cu	*Nb	*Pb	*Rb	*S	*Sr	*V	*Zn *Zr
ALD3-11	VER	Control	617647.06	197993.75	36728.33	<lod< td=""><td>10244.58</td><td>19451.24</td><td>125.31</td><td>9385.64</td><td>-86.73</td><td>15.97</td><td>-1.74 3</td><td>353.55</td><td>-1.81</td><td>117.46</td><td>61.26</td><td>16.71</td><td>325.15</td><td>148.86</td><td>959.29</td><td>114.22</td><td>106.08</td><td>39.32 311.78</td></lod<>	10244.58	19451.24	125.31	9385.64	-86.73	15.97	-1.74 3	353.55	-1.81	117.46	61.26	16.71	325.15	148.86	959.29	114.22	106.08	39.32 311.78
ALD3-12	VER	Control	603363.08	166544.22	36903.31	<lod< td=""><td>8786.13</td><td>20054.09</td><td>45.65</td><td>9236.90</td><td>-24.29</td><td>28.26</td><td>-12.79 3</td><td>309.87</td><td>-3.54</td><td>113.27</td><td>60.34</td><td>16.61</td><td>223.27</td><td>146.95</td><td>1312.56</td><td>111.79</td><td>109.15</td><td>39.13 338.87</td></lod<>	8786.13	20054.09	45.65	9236.90	-24.29	28.26	-12.79 3	309.87	-3.54	113.27	60.34	16.61	223.27	146.95	1312.56	111.79	109.15	39.13 338.87
ALD3-13	VER	Control	628006.21	202163.21	39108.52	<lod< td=""><td>11617.85</td><td>19668.45</td><td>130.21</td><td>9933.18</td><td>531.63</td><td>12.26</td><td>-3.89 3</td><td>320.02</td><td>-3.01</td><td>127.42</td><td>60.42</td><td>18.16</td><td>466.26</td><td>146.31</td><td>1055.76</td><td>112.04</td><td>128.78</td><td>46.92 316.28</td></lod<>	11617.85	19668.45	130.21	9933.18	531.63	12.26	-3.89 3	320.02	-3.01	127.42	60.42	18.16	466.26	146.31	1055.76	112.04	128.78	46.92 316.28
ALD3-14	VFR	Control	547884.22	158776.59	33193.06	<lod< td=""><td>9745.30</td><td>19448.60</td><td>395.83</td><td>9691.83</td><td>629.45</td><td>35.83</td><td>5.89 3</td><td>341.26</td><td>-5.73</td><td>115.62</td><td>34.61</td><td>15.67</td><td>2175.03</td><td>139.54</td><td>2707.28</td><td>105.58</td><td>159.68</td><td>41.03 282.73</td></lod<>	9745.30	19448.60	395.83	9691.83	629.45	35.83	5.89 3	341.26	-5.73	115.62	34.61	15.67	2175.03	139.54	2707.28	105.58	159.68	41.03 282.73
ALD3-15	VER	Control	537551.73	175202.64	33193.92	<lod< td=""><td>9964.23</td><td>19570.89</td><td><lod< td=""><td>9161.54</td><td>992.69</td><td>223.88</td><td>-32.27 1</td><td>197.72</td><td><lod< td=""><td>119.05</td><td>36.75</td><td>16.55</td><td>9271.68</td><td>142.43</td><td>8684.90</td><td>103.41</td><td>105.27</td><td>32.89 294.52</td></lod<></td></lod<></td></lod<>	9964.23	19570.89	<lod< td=""><td>9161.54</td><td>992.69</td><td>223.88</td><td>-32.27 1</td><td>197.72</td><td><lod< td=""><td>119.05</td><td>36.75</td><td>16.55</td><td>9271.68</td><td>142.43</td><td>8684.90</td><td>103.41</td><td>105.27</td><td>32.89 294.52</td></lod<></td></lod<>	9161.54	992.69	223.88	-32.27 1	197.72	<lod< td=""><td>119.05</td><td>36.75</td><td>16.55</td><td>9271.68</td><td>142.43</td><td>8684.90</td><td>103.41</td><td>105.27</td><td>32.89 294.52</td></lod<>	119.05	36.75	16.55	9271.68	142.43	8684.90	103.41	105.27	32.89 294.52
ALD3-16	VER	Control	559491.95	169865.45	34403.65	<lod< td=""><td>9989.93</td><td>19876.76</td><td>185.63</td><td>9337.88</td><td>256.39</td><td>26.14</td><td>6.62 3</td><td>391.02</td><td>-1.56</td><td>108.81</td><td>40.29</td><td>14.52</td><td>4311.31</td><td>133.56</td><td>3978.14</td><td>92.43</td><td>202.11</td><td>42.80 313.01</td></lod<>	9989.93	19876.76	185.63	9337.88	256.39	26.14	6.62 3	391.02	-1.56	108.81	40.29	14.52	4311.31	133.56	3978.14	92.43	202.11	42.80 313.01
ALD3-17	VFR	Control	597046 74	179384 97	29079 54		8175 48	17149 27		9458 95	-582 91	3 71	-42.86 2	215.06	-6.06	96 10	37.87	14.83	1393.00	138 74	564.63	92 42	93 43	35.81 271.80
ALD3-18	VER	Control	468917 42	150637 71	23233.82		9178.88	16951 23	100 12	6990 11	1571.89	1817 24	21 40 3	394.36	-9.58	55.80	41 74	11 84	9469.04	133.63	36172.56	77.85	105.03	46.30 250.78
AL D3-10	VER	Control	526632.51	110613.07	34513 54		8380.51	18/38 08	7/8 80	7622.76	104 47		-24.63.0	071 74	-10.58	76.04	33.07	13 53	2887.33	126.63	1252.27	82.15	138.03	49.35 261.60
ALD3-19		Control	611667.50	172513.22	32040.65		8701 57	17602.35	330.27	0/02 /2	637.86		-24.00 2	010/7	-1.80	73.27	33.40	15.00	3305.00	120.00	3606.65	02.10	04.60	49.33 201.00
ALD2 21		Control	606579 72	170616.41	24124 46		0010 60	17102.00	-1.00	9540 92	210.17	0.02	15 20 2	070 17	- 1.00	71.04	60.65	16 14	244 50	100.00	276.27	04 77	79.20	40.47 274.34
ALD3-21		Control	500000.00	190029 56	20065 44		0040.02	17906.64		0701.00	400.42	12 50	0.45 2	222.17	2.00	100.70	67.67	16.60	250.25	142.15	624.02	101 10	111 21	47.01 230.00
ALD3-23		Control	500929.02	167265.50	27606.62		9210.00	10/01/26	112 62	9004.62	400.42	224.04	12 40 0	022.44	-2.90	91 50	64.62	16.09	7012.00	143.15	6279 74	95 10	121.01	40.67 271.40
ALD3-23		Control	507709.88	137233.07	2/000.02		9000.00	10401.20	112.02	0334.02	767.20	524.94	-13.42 2	201.02	-2.00	100.00	57.02	15.04	1912.90	102.90	0210.14	100.19	121.01	20.00 200.74
ALD3-24	VER	Control	584965.13	171029.32	34535.90	<lod< td=""><td>8848.73</td><td>18268.61</td><td>403.86</td><td>9707.76</td><td>767.30</td><td>6940.81</td><td>82.90 3</td><td>372.49</td><td>-6.01</td><td>109.36</td><td>57.23</td><td>15.84</td><td>42446.39</td><td>138.28</td><td>2/1/./6</td><td>100.42</td><td>121.43</td><td>32.88 314.41</td></lod<>	8848.73	18268.61	403.86	9707.76	767.30	6940.81	82.90 3	372.49	-6.01	109.36	57.23	15.84	42446.39	138.28	2/1/./6	100.42	121.43	32.88 314.41
ALD3-25	VER	Control	042734.10	100014.30	34057.91		0073.33	20010.01	123.40	9707.93	012.05	12.37	7.00	090.10	-3.90	114.00	03.10	10.01	204.70	140.70	1224.45	100.76	122.71	36.91 324.22
ALD3-26	VER	Control	609167.15	1/112/.//	34090.50	<lod< td=""><td>8909.94</td><td>19524.91</td><td>127.39</td><td>9723.70</td><td>368.21</td><td>6.91</td><td>-7.23 3</td><td>312.72</td><td>-4.38</td><td>112.00</td><td>41.40</td><td>10.17</td><td>387.68</td><td>138.42</td><td>690.50</td><td>99.84</td><td>80.80</td><td>38.25 358.43</td></lod<>	8909.94	19524.91	127.39	9723.70	368.21	6.91	-7.23 3	312.72	-4.38	112.00	41.40	10.17	387.68	138.42	690.50	99.84	80.80	38.25 358.43
ALD3-27	VER	Control	653634.57	196312.64	31668.14	<lod< td=""><td>8/15.29</td><td>18969.89</td><td>431.04</td><td>9808.49</td><td>624.20</td><td>10334.83</td><td>96.26 3</td><td>382.60</td><td>8.95</td><td>67.42</td><td>82.19</td><td>17.46</td><td>63030.46</td><td>141.47</td><td>-521.03</td><td>103.08</td><td>132.58</td><td>44.85 303.96</td></lod<>	8/15.29	18969.89	431.04	9808.49	624.20	10334.83	96.26 3	382.60	8.95	67.42	82.19	17.46	63030.46	141.47	-521.03	103.08	132.58	44.85 303.96
ALD3-28	VER	Control	610386.55	188878.05	40295.52	<lod< td=""><td>10272.27</td><td>19051.96</td><td>216.42</td><td>9649.55</td><td>1944.24</td><td>344.56</td><td>-9.81 3</td><td>370.56</td><td>0.28</td><td>122.02</td><td>53.51</td><td>17.37</td><td>3732.73</td><td>148.00</td><td>8150.58</td><td>112.69</td><td>113.07</td><td>42.10 326.37</td></lod<>	10272.27	19051.96	216.42	9649.55	1944.24	344.56	-9.81 3	370.56	0.28	122.02	53.51	17.37	3732.73	148.00	8150.58	112.69	113.07	42.10 326.37
ALD3-29	VER	Control	647537.06	198600.75	31479.57	<lod< td=""><td>8865.96</td><td>17975.94</td><td>252.24</td><td>9819.63</td><td>1335.69</td><td>54.60</td><td>-6.56 2</td><td>290.58</td><td>-3.19</td><td>96.74</td><td>56.33</td><td>16.23</td><td>1200.45</td><td>133.87</td><td>2131.28</td><td>87.59</td><td>111.69</td><td>36.56 274.21</td></lod<>	8865.96	17975.94	252.24	9819.63	1335.69	54.60	-6.56 2	290.58	-3.19	96.74	56.33	16.23	1200.45	133.87	2131.28	87.59	111.69	36.56 274.21
ALD3-30	VER	Control	619005.95	176485.61	25736.15	<lod< td=""><td>11605.60</td><td>18126.45</td><td>145.64</td><td>9091.74</td><td>928.23</td><td>9.81</td><td>-12.29 3</td><td>367.27</td><td>-8.38</td><td>92.58</td><td>57.98</td><td>14.85</td><td>894.38</td><td>132.40</td><td>899.00</td><td>124.38</td><td>106.51</td><td>47.64 278.18</td></lod<>	11605.60	18126.45	145.64	9091.74	928.23	9.81	-12.29 3	367.27	-8.38	92.58	57.98	14.85	894.38	132.40	899.00	124.38	106.51	47.64 278.18
ALD3-31	VER	Control	547762.98	161746.88	20414.62	<lod< td=""><td>7845.03</td><td>18359.60</td><td>370.30</td><td>8351.72</td><td>368.41</td><td>4827.87</td><td>91.68 3</td><td>313.72</td><td>-0.32</td><td>52.97</td><td>72.76</td><td>13.19</td><td>34656.54</td><td>131.96</td><td>16007.11</td><td>73.75</td><td>75.16</td><td>39.36 266.03</td></lod<>	7845.03	18359.60	370.30	8351.72	368.41	4827.87	91.68 3	313.72	-0.32	52.97	72.76	13.19	34656.54	131.96	16007.11	73.75	75.16	39.36 266.03
ALD3-32	VER	Control	603889.11	185831.31	31432.05	<lod< td=""><td>9042.00</td><td>18766.87</td><td>138.12</td><td>8949.80</td><td>2616.91</td><td>130.52</td><td>-0.86 3</td><td>363.69</td><td>-1.85</td><td>93.47</td><td>57.00</td><td>16.96</td><td>2786.79</td><td>138.81</td><td>7946.01</td><td>89.04</td><td>376.71</td><td>49.76 318.93</td></lod<>	9042.00	18766.87	138.12	8949.80	2616.91	130.52	-0.86 3	363.69	-1.85	93.47	57.00	16.96	2786.79	138.81	7946.01	89.04	376.71	49.76 318.93
ALD3-33	VER	Control	526188.27	169011.85	23861.12	<lod< td=""><td>10609.88</td><td>15653.24</td><td>104.94</td><td>6806.07</td><td>4915.06</td><td>3713.33</td><td>50.77 2</td><td>258.56</td><td>20.33</td><td>60.27</td><td>49.24</td><td>8.31</td><td>29327.20</td><td>131.01</td><td>55763.90</td><td>64.32</td><td>81.49</td><td>31.74 288.79</td></lod<>	10609.88	15653.24	104.94	6806.07	4915.06	3713.33	50.77 2	258.56	20.33	60.27	49.24	8.31	29327.20	131.01	55763.90	64.32	81.49	31.74 288.79
ALD3-34	VER	Control	574795.13	179327.41	29382.22	<lod< td=""><td>9604.75</td><td>16845.39</td><td>52.99</td><td>8778.13</td><td>2412.31</td><td>1458.81</td><td>17.83 3</td><td>352.07</td><td>2.84</td><td>100.82</td><td>61.20</td><td>15.63</td><td>7716.01</td><td>138.07</td><td>27235.71</td><td>85.52</td><td>126.40</td><td>47.45 244.49</td></lod<>	9604.75	16845.39	52.99	8778.13	2412.31	1458.81	17.83 3	352.07	2.84	100.82	61.20	15.63	7716.01	138.07	27235.71	85.52	126.40	47.45 244.49
ALD3-35	VER	Control	579879.79	185915.00	25508.87	<lod< td=""><td>9113.59</td><td>16695.07</td><td><lod< td=""><td>8214.60</td><td>4069.23</td><td>1595.08</td><td>-37.76 2</td><td>203.70</td><td>4.04</td><td>67.34</td><td>39.05</td><td>15.31</td><td>11014.62</td><td>137.76</td><td>50014.69</td><td>87.42</td><td>74.47</td><td>65.37 317.29</td></lod<></td></lod<>	9113.59	16695.07	<lod< td=""><td>8214.60</td><td>4069.23</td><td>1595.08</td><td>-37.76 2</td><td>203.70</td><td>4.04</td><td>67.34</td><td>39.05</td><td>15.31</td><td>11014.62</td><td>137.76</td><td>50014.69</td><td>87.42</td><td>74.47</td><td>65.37 317.29</td></lod<>	8214.60	4069.23	1595.08	-37.76 2	203.70	4.04	67.34	39.05	15.31	11014.62	137.76	50014.69	87.42	74.47	65.37 317.29
ALD3-36	VER	Control	658713.71	199331.95	41339.89	<lod< td=""><td>11387.03</td><td>19246.71</td><td>334.33</td><td>9766.96</td><td>1246.85</td><td>93.10</td><td>10.58 3</td><td>374.29</td><td>2.68</td><td>128.18</td><td>41.70</td><td>16.36</td><td>2451.59</td><td>139.06</td><td>3921.06</td><td>114.76</td><td>148.67</td><td>45.24 308.04</td></lod<>	11387.03	19246.71	334.33	9766.96	1246.85	93.10	10.58 3	374.29	2.68	128.18	41.70	16.36	2451.59	139.06	3921.06	114.76	148.67	45.24 308.04
ALD3-37	VER	Control	659471.73	200592.96	36457.70	<lod< td=""><td>8971.50</td><td>17569.96</td><td>371.94</td><td>9434.24</td><td>1616.41</td><td>5812.01</td><td>27.50 3</td><td>304.43</td><td>3.89</td><td>83.08</td><td>53.40</td><td>15.81</td><td>35211.24</td><td>135.97</td><td>-124.69</td><td>102.97</td><td>110.98</td><td>39.09 266.58</td></lod<>	8971.50	17569.96	371.94	9434.24	1616.41	5812.01	27.50 3	304.43	3.89	83.08	53.40	15.81	35211.24	135.97	-124.69	102.97	110.98	39.09 266.58
ALD3-38	VER	Control	629122.19	191799.58	28577.28	<lod< td=""><td>10415.26</td><td>18725.44</td><td>43.54</td><td>9033.40</td><td>1127.90</td><td>23.06</td><td>-12.47 2</td><td>250.63</td><td>2.20</td><td>101.38</td><td>25.62</td><td>13.39</td><td>1728.26</td><td>134.77</td><td>2193.92</td><td>108.06</td><td>116.80</td><td>61.85 244.02</td></lod<>	10415.26	18725.44	43.54	9033.40	1127.90	23.06	-12.47 2	250.63	2.20	101.38	25.62	13.39	1728.26	134.77	2193.92	108.06	116.80	61.85 244.02
ALD3-39	VER	Control	572650.34	169000.36	23658.11	<lod< td=""><td>9817.67</td><td>18772.32</td><td>504.55</td><td>7711.48</td><td>1381.68</td><td>991.43</td><td>13.55 3</td><td>339.93</td><td>3.27</td><td>86.92</td><td>50.50</td><td>13.32</td><td>8680.68</td><td>132.93</td><td>6950.96</td><td>92.37</td><td>69.53</td><td>76.97 319.36</td></lod<>	9817.67	18772.32	504.55	7711.48	1381.68	991.43	13.55 3	339.93	3.27	86.92	50.50	13.32	8680.68	132.93	6950.96	92.37	69.53	76.97 319.36
ALD3-40	VER	Control	528905.52	162752.15	26587.85	<lod< td=""><td>10603.60</td><td>16452.32</td><td>281.35</td><td>7441.53</td><td>3432.24</td><td>2377.87</td><td>28.05 4</td><td>468.17</td><td>8.88</td><td>65.35</td><td>40.84</td><td>14.93</td><td>11915.56</td><td>135.82</td><td>30601.48</td><td>97.51</td><td>186.26</td><td>45.48 331.72</td></lod<>	10603.60	16452.32	281.35	7441.53	3432.24	2377.87	28.05 4	468.17	8.88	65.35	40.84	14.93	11915.56	135.82	30601.48	97.51	186.26	45.48 331.72
ALD3-41	VER	Control	625435.23	177509.70	29262.16	<lod< td=""><td>8414.39</td><td>18748.18</td><td>119.23</td><td>8505.24</td><td>2353.47</td><td>411.95</td><td>5.23 3</td><td>311.46</td><td>-4.32</td><td>83.53</td><td>50.14</td><td>14.89</td><td>4257.73</td><td>127.49</td><td>4490.09</td><td>79.72</td><td>76.28</td><td>125.56 243.99</td></lod<>	8414.39	18748.18	119.23	8505.24	2353.47	411.95	5.23 3	311.46	-4.32	83.53	50.14	14.89	4257.73	127.49	4490.09	79.72	76.28	125.56 243.99
ALD3-42	VER	Control	845682.33	222370.39	26550.20	<lod< td=""><td>10041.91</td><td>18044.61</td><td>15.68</td><td>9895.89</td><td>753.10</td><td><lod< td=""><td>-9.35 2</td><td>275.22</td><td>3.12</td><td>78.31</td><td>50.88</td><td>16.84</td><td>1787.05</td><td>136.09</td><td>886.54</td><td>110.37</td><td>107.22</td><td>42.60 248.68</td></lod<></td></lod<>	10041.91	18044.61	15.68	9895.89	753.10	<lod< td=""><td>-9.35 2</td><td>275.22</td><td>3.12</td><td>78.31</td><td>50.88</td><td>16.84</td><td>1787.05</td><td>136.09</td><td>886.54</td><td>110.37</td><td>107.22</td><td>42.60 248.68</td></lod<>	-9.35 2	275.22	3.12	78.31	50.88	16.84	1787.05	136.09	886.54	110.37	107.22	42.60 248.68
ALD3-43	VER	Control	629308.09	200388.95	40339.39	<lod< td=""><td>9198.84</td><td>18097.21</td><td>23.44</td><td>9863.82</td><td>903.07</td><td>-4.59</td><td>-0.34 2</td><td>279.41</td><td>0.87</td><td>121.21</td><td>72.13</td><td>17.18</td><td>204.02</td><td>144.79</td><td>389.62</td><td>106.95</td><td>87.85</td><td>43.90 267.56</td></lod<>	9198.84	18097.21	23.44	9863.82	903.07	-4.59	-0.34 2	279.41	0.87	121.21	72.13	17.18	204.02	144.79	389.62	106.95	87.85	43.90 267.56
ALD3-44	VER	Control	598744.63	170084.48	32569.91	<lod< td=""><td>8721.75</td><td>18350.87</td><td>372.55</td><td>8762.38</td><td>2551.15</td><td>292.67</td><td>-3.39 3</td><td>368.49</td><td>5.44</td><td>78.67</td><td>53.29</td><td>14.31</td><td>5114.91</td><td>130.09</td><td>10996.24</td><td>89.58</td><td>457.74</td><td>46.70 264.45</td></lod<>	8721.75	18350.87	372.55	8762.38	2551.15	292.67	-3.39 3	368.49	5.44	78.67	53.29	14.31	5114.91	130.09	10996.24	89.58	457.74	46.70 264.45
ALD3-45	VER	Control	611037.65	192187.11	30660.16	<lod< td=""><td>7842.16</td><td>18268.67</td><td>526.35</td><td>9297.64</td><td>892.44</td><td>8480.12</td><td>141.83 3</td><td>337.16</td><td>12.76</td><td>57.06</td><td>75.06</td><td>15.35</td><td>71500.18</td><td>141.99</td><td>3955.93</td><td>92.74</td><td>198.45</td><td>37.62 268.03</td></lod<>	7842.16	18268.67	526.35	9297.64	892.44	8480.12	141.83 3	337.16	12.76	57.06	75.06	15.35	71500.18	141.99	3955.93	92.74	198.45	37.62 268.03
ALD3-46	VER	Control	622710.22	183637.68	29631.38	<lod< td=""><td>8081.95</td><td>19790.41</td><td>368.12</td><td>9703.59</td><td>1020.69</td><td>77.47</td><td>-10.86 2</td><td>283.24</td><td>1.75</td><td>72.67</td><td>33.05</td><td>17.92</td><td>2223.77</td><td>136.80</td><td>2601.46</td><td>93.33</td><td>123.78</td><td>52.68 261.48</td></lod<>	8081.95	19790.41	368.12	9703.59	1020.69	77.47	-10.86 2	283.24	1.75	72.67	33.05	17.92	2223.77	136.80	2601.46	93.33	123.78	52.68 261.48
ALD3-47	VER	Control	620353.40	183403.69	35311.28	<lod< td=""><td>9814.17</td><td>20111.10</td><td>197.69</td><td>9669.18</td><td>1321.21</td><td>19.48</td><td>-0.84 3</td><td>339.90</td><td>-1.84</td><td>114.81</td><td>59.29</td><td>16.59</td><td>825.81</td><td>138.42</td><td>1543.77</td><td>109.11</td><td>128.00</td><td>39.86 326.82</td></lod<>	9814.17	20111.10	197.69	9669.18	1321.21	19.48	-0.84 3	339.90	-1.84	114.81	59.29	16.59	825.81	138.42	1543.77	109.11	128.00	39.86 326.82
ALD3-48	VER	Control	596486.80	202085.80	42121.57	<lod< td=""><td>10806.98</td><td>19984.02</td><td>590.88</td><td>10098.11</td><td>2374.48</td><td>223.61</td><td>29.76 4</td><td>103.91</td><td>3.44</td><td>90.03</td><td>71.91</td><td>17.15</td><td>4415.08</td><td>145.06</td><td>6926.48</td><td>103.19</td><td>140.76</td><td>47.21 295.51</td></lod<>	10806.98	19984.02	590.88	10098.11	2374.48	223.61	29.76 4	103.91	3.44	90.03	71.91	17.15	4415.08	145.06	6926.48	103.19	140.76	47.21 295.51
ALD3-49	VER	Control	555551.55	192996.56	23634.99	<lod< td=""><td>9163.45</td><td>18386.76</td><td>465.27</td><td>7560.14</td><td>2160.96</td><td>8897.81</td><td>94.26 4</td><td>139.10</td><td>-0.57</td><td>156.85</td><td>84.30</td><td>15.30</td><td>51519.39</td><td>140.05</td><td>28046.37</td><td>95.32</td><td>127.32</td><td>51.57 261.33</td></lod<>	9163.45	18386.76	465.27	7560.14	2160.96	8897.81	94.26 4	139.10	-0.57	156.85	84.30	15.30	51519.39	140.05	28046.37	95.32	127.32	51.57 261.33
ALD3-50	VER	Control	579942.92	181873.15	35781.31	<lod< td=""><td>9928.58</td><td>20425.55</td><td>276.58</td><td>8943.95</td><td>3251.61</td><td>82.70</td><td>9.48 3</td><td>329.78</td><td>-2.15</td><td>76.09</td><td>44.45</td><td>15.26</td><td>1611.03</td><td>129.08</td><td>3079.35</td><td>93.94</td><td>134.33</td><td>111.44 260.00</td></lod<>	9928.58	20425.55	276.58	8943.95	3251.61	82.70	9.48 3	329.78	-2.15	76.09	44.45	15.26	1611.03	129.08	3079.35	93.94	134.33	111.44 260.00
VER3-1	VER	Control	621055.09	161932.84	27244.30	<lod< td=""><td>8369.74</td><td>18057.66</td><td><lod< td=""><td>9222.84</td><td>580.05</td><td>-4.95</td><td>-1.65 3</td><td>339.27</td><td>-9.47</td><td>86.44</td><td>34.90</td><td>15.33</td><td>364.36</td><td>132.96</td><td>394.89</td><td>95.79</td><td>82.67</td><td>45.87 357.42</td></lod<></td></lod<>	8369.74	18057.66	<lod< td=""><td>9222.84</td><td>580.05</td><td>-4.95</td><td>-1.65 3</td><td>339.27</td><td>-9.47</td><td>86.44</td><td>34.90</td><td>15.33</td><td>364.36</td><td>132.96</td><td>394.89</td><td>95.79</td><td>82.67</td><td>45.87 357.42</td></lod<>	9222.84	580.05	-4.95	-1.65 3	339.27	-9.47	86.44	34.90	15.33	364.36	132.96	394.89	95.79	82.67	45.87 357.42
VER3-2	VER	Control	540067.85	158275.08	22522.28	<lod< td=""><td>9342.93</td><td>18790.71</td><td>65.58</td><td>7532.65</td><td>4900.30</td><td>2350.77</td><td>16.38 4</td><td>156.22</td><td>-11.69</td><td>53.89</td><td>36.55</td><td>12.00</td><td>12553.79</td><td>138.72</td><td>36049.74</td><td>96.44</td><td>108.71</td><td>67.37 306.01</td></lod<>	9342.93	18790.71	65.58	7532.65	4900.30	2350.77	16.38 4	156.22	-11.69	53.89	36.55	12.00	12553.79	138.72	36049.74	96.44	108.71	67.37 306.01
VER3-3	VER	Control	570539.82	177834.30	30780.48	<lod< td=""><td>9655.31</td><td>16253.68</td><td>252.28</td><td>7598.17</td><td>3544.82</td><td>5660.98</td><td>55.80 5</td><td>522.33</td><td>-11.85</td><td>138.86</td><td>26.02</td><td>12.01</td><td>30740.57</td><td>137.70</td><td>32811.95</td><td>90.88</td><td>107.30</td><td>201.32 259.04</td></lod<>	9655.31	16253.68	252.28	7598.17	3544.82	5660.98	55.80 5	522.33	-11.85	138.86	26.02	12.01	30740.57	137.70	32811.95	90.88	107.30	201.32 259.04
VER3-4	VER	Control	660240.88	220017.02	33896.92	<lod< td=""><td>8507.18</td><td>18118.47</td><td>15.04</td><td>9656.85</td><td>1841.84</td><td>91.92</td><td>3.25 3</td><td>385.96</td><td>-4.17</td><td>96.57</td><td>68.66</td><td>14.93</td><td>1583.73</td><td>143.31</td><td>2182.06</td><td>100.69</td><td>106.04</td><td>43.21 328.80</td></lod<>	8507.18	18118.47	15.04	9656.85	1841.84	91.92	3.25 3	385.96	-4.17	96.57	68.66	14.93	1583.73	143.31	2182.06	100.69	106.04	43.21 328.80
VER3-5	VFR	Control	665348.00	190024 47	31730.81		9143.86	19207 41	40 47	9815.68	1270.34	28.92	-22 29 3	328 63	-8 19	113.05	47.31	15.30	682.46	140 57	2273 39	104 01	103 40	49.87 335.24
VER3-6	VER	Control	651000.95	195733.40	30396.24		9304 79	19706.07	204.96	9825 74	1862.67		4 38 3	379.69	-9.92	94 91	41.87	14 49	3809.81	140.86	4867 77	106.97	135.30	60.35 318.19
VER3-7	VER	Control	609460.65	188440 48	39601.42		9074 10	19195.96	54 55	10258 72	1669 18	4 40	-3.05 3	867 72	-7.04	123.88	23.91	17 79	626.48	141 59	1219.85	105.48	119.02	69.03 298.13
VFR3-8	VFR	Control	634616.69	177533 18	30952.98		9248 65	18967.31	85.43	9245.00	2055.49	44 85	-12 09 3	349.05	-5.43	107.05	47 14	14 25	622.35	142 04	1736 19	104 16	114.08	34 20 336 40
VER3-0		Control	607711.41	188544 12	34719.26		10144.56	16837.00	263.00	0240.00	188 03	/078 00	53.66 3	235 62	-2 70	80.08	87.48	17 15	28216.30	1/3 /0	1200.10	123.06	06.74	56.03 205.37
VER3-10	VER	Control	602357.04	182552.22	30835 55		8702 14	18870 23	28.56	9463.66	2593 54	110 44	-4 48 3	377.88	-8.06	92.00	45.14	14.26	2861 07	141 67	6002 20	103.00	160.05	50.59 317 18
VER3-11		Control	647156.09	182070 /1	25570.60		8657 59	10625.09	137.81	0485.25	2500.04	8/ 20	-2 01 3	251 24	-5.52	70.40	43.14	15 32	845.60	136.24	6115.91	01.67	131.62	57 45 311 42
VED2 12		Control	471026.00	124424 50	20019.00		12022 60	20617 62	00 50	75400.20	1464 12	1472.20	2.31 3	126.26	-0.03	64.22	43.94	14 72	6901 47	146.10	10279.04	31.07	110.04	142 05 260 05
V ER3-12		Control	4/ 1020.83	104424.00	20009.11		12923.00	20017.03	90.0U	10649.10	1404.13	1472.38	23.43 4	+30.30	<lud 2.61</lud 	04.23	95.42	14.72	140.44	145.10	142 40	120.31	110.91	142.00 200.95 56 17 207 00
V ER3-13		Control	675600 44	200000./1	33220.02		0123.00	10100 10	56.00	10040.10	1506.60	-7.00	13.14 3	009.44	-3.01	99.00 76.50	31.00	10.40	149.41	140.78	143.48	99.00	117.05	50.17 207.88
V ER3-14		Control	0/5009.44	195387.30	32050.37		0075.40	19198.19	50.36	0050.02	1240.40	<lud< td=""><td>-3.12 3</td><td>003.76</td><td>-0.74</td><td>110.05</td><td>28.05</td><td>10.49</td><td>411.01</td><td>143.89</td><td>230.29</td><td>101.30</td><td>117.04</td><td>30.20 291.00</td></lud<>	-3.12 3	003.76	-0.74	110.05	28.05	10.49	411.01	143.89	230.29	101.30	117.04	30.20 291.00
V ER3-15	VER	Control	005951.09	215250.33	45980.00	<lod< td=""><td>9975.10</td><td>18689.54</td><td>205.07</td><td>9256.24</td><td>1349.16</td><td>-6.13</td><td>21.84 3</td><td>3/2.25</td><td>-4.90</td><td>110.25</td><td>74.65</td><td>17.62</td><td>381.86</td><td>145.95</td><td>67.13</td><td>146.09</td><td>114.85</td><td>71.53 307.59</td></lod<>	9975.10	18689.54	205.07	9256.24	1349.16	-6.13	21.84 3	3/2.25	-4.90	110.25	74.65	17.62	381.86	145.95	67.13	146.09	114.85	71.53 307.59

Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K ₂ O	*MnO	*TiO ₂	*P ₂ O ₅	*As	*Ag	*Ba	*Bi	*Cr	*Cu *Nb	*Pb	*Rb	*S	*Sr	*V	*Zn *Zr
VER3-16	VER	Control	680669.65	190637.65	28889.11	<lod< td=""><td>8890.46</td><td>18277.98</td><td>28.94</td><td>10216.93</td><td>889.39</td><td><lod< td=""><td>4.26</td><td>294.64</td><td>-1.73</td><td>76.02</td><td>52.42 16.79</td><td>1202.33</td><td>132.39</td><td>421.24</td><td>107.03</td><td>91.78</td><td>64.24 313.74</td></lod<></td></lod<>	8890.46	18277.98	28.94	10216.93	889.39	<lod< td=""><td>4.26</td><td>294.64</td><td>-1.73</td><td>76.02</td><td>52.42 16.79</td><td>1202.33</td><td>132.39</td><td>421.24</td><td>107.03</td><td>91.78</td><td>64.24 313.74</td></lod<>	4.26	294.64	-1.73	76.02	52.42 16.79	1202.33	132.39	421.24	107.03	91.78	64.24 313.74
VER3-17	VER	Control	651216.30	195815.90	32473.41	<lod< td=""><td>8343.72</td><td>19267.32</td><td>78.65</td><td>9706.48</td><td>3991.28</td><td><lod< td=""><td>-21.43</td><td>327.63</td><td>-3.24</td><td>96.18</td><td>48.26 15.53</td><td>288.13</td><td>139.71</td><td>257.16</td><td>114.84</td><td>74.19</td><td>53.86 312.57</td></lod<></td></lod<>	8343.72	19267.32	78.65	9706.48	3991.28	<lod< td=""><td>-21.43</td><td>327.63</td><td>-3.24</td><td>96.18</td><td>48.26 15.53</td><td>288.13</td><td>139.71</td><td>257.16</td><td>114.84</td><td>74.19</td><td>53.86 312.57</td></lod<>	-21.43	327.63	-3.24	96.18	48.26 15.53	288.13	139.71	257.16	114.84	74.19	53.86 312.57
VER3-18	VER	Control	638486.02	200802.41	40202.48	<lod< td=""><td>8611.68</td><td>18758.37</td><td>277.98</td><td>9504.75</td><td>6312.75</td><td>1.37</td><td>-5.58</td><td>353.26</td><td>-6.39</td><td>116.27</td><td>52.49 14.95</td><td>354.90</td><td>136.12</td><td>642.95</td><td>111.67</td><td>96.60</td><td>158.12 305.97</td></lod<>	8611.68	18758.37	277.98	9504.75	6312.75	1.37	-5.58	353.26	-6.39	116.27	52.49 14.95	354.90	136.12	642.95	111.67	96.60	158.12 305.97
VER3-19	VER	Control	667511.26	213140.35	33545.73	<lod< td=""><td>8223.62</td><td>18944.49</td><td><lod< td=""><td>10172.06</td><td>5073.72</td><td><lod< td=""><td>-5.12</td><td>342.36</td><td>1.54</td><td>99.01</td><td>52.42 16.74</td><td>868.45</td><td>144.65</td><td>939.73</td><td>97.76</td><td>99.84</td><td>59.00 287.72</td></lod<></td></lod<></td></lod<>	8223.62	18944.49	<lod< td=""><td>10172.06</td><td>5073.72</td><td><lod< td=""><td>-5.12</td><td>342.36</td><td>1.54</td><td>99.01</td><td>52.42 16.74</td><td>868.45</td><td>144.65</td><td>939.73</td><td>97.76</td><td>99.84</td><td>59.00 287.72</td></lod<></td></lod<>	10172.06	5073.72	<lod< td=""><td>-5.12</td><td>342.36</td><td>1.54</td><td>99.01</td><td>52.42 16.74</td><td>868.45</td><td>144.65</td><td>939.73</td><td>97.76</td><td>99.84</td><td>59.00 287.72</td></lod<>	-5.12	342.36	1.54	99.01	52.42 16.74	868.45	144.65	939.73	97.76	99.84	59.00 287.72
VER3-20	VER	Control	648207.89	197034.96	30645.14	<lod< td=""><td>8246.36</td><td>18765.91</td><td><lod< td=""><td>10073.77</td><td>1518.93</td><td><lod< td=""><td>-12.83</td><td>317.25</td><td>-6.51</td><td>83.16</td><td>42.82 15.84</td><td>680.62</td><td>140.93</td><td>906.82</td><td>102.65</td><td>81.02</td><td>41.76 322.18</td></lod<></td></lod<></td></lod<>	8246.36	18765.91	<lod< td=""><td>10073.77</td><td>1518.93</td><td><lod< td=""><td>-12.83</td><td>317.25</td><td>-6.51</td><td>83.16</td><td>42.82 15.84</td><td>680.62</td><td>140.93</td><td>906.82</td><td>102.65</td><td>81.02</td><td>41.76 322.18</td></lod<></td></lod<>	10073.77	1518.93	<lod< td=""><td>-12.83</td><td>317.25</td><td>-6.51</td><td>83.16</td><td>42.82 15.84</td><td>680.62</td><td>140.93</td><td>906.82</td><td>102.65</td><td>81.02</td><td>41.76 322.18</td></lod<>	-12.83	317.25	-6.51	83.16	42.82 15.84	680.62	140.93	906.82	102.65	81.02	41.76 322.18
VER3-21	VER	Control	494510.37	136154.21	28008.88	<lod< td=""><td>7646.79</td><td>17320.44</td><td>87.68</td><td>8163.56</td><td>1160.19</td><td>31.38</td><td>-1.08</td><td>280.70</td><td>-5.79</td><td>115.13</td><td>56.95 12.55</td><td>3160.04</td><td>129.97</td><td>4440.30</td><td>81.88</td><td>364.72</td><td>33.64 248.59</td></lod<>	7646.79	17320.44	87.68	8163.56	1160.19	31.38	-1.08	280.70	-5.79	115.13	56.95 12.55	3160.04	129.97	4440.30	81.88	364.72	33.64 248.59
VFR3-22	VFR	Control	643079 90	192442 12	26257 15		8286 40	18533 17		9146 27	287 78		-6.07	323 29	-4 21	85.63	50.36 15.88	1062 27	143.00	511 39	109.46	92 79	33.69 332.02
VER3-23	VER	Control	497958 47	142618 52	28045.82		7826.09	17819 43		9060.49	2903.82	5900 97	-18 72	286.38	-3 44	100.16	43 12 14 45	2346.10	134 94	4140 44	96.53	108 65	30.60 277.46
VER3-24	VER	Control	587328.85	207126.34	35031 58		11047 27	19081 17	544 18	9458.88	3298.01	19.66	12 41	388 30	1 29	148 99	54 10 15 42	3142.00	143.41	4036.46	99.52	238.62	91 11 252 95
VER3-25	VER	Control	667020.14	20/120.04	31376 58		8868.03	18678.09	151 28	9749 42	966 11	53.62	-1 31	358 10	-2.47	98.29	66 05 19 70	1242.00	146.85	3248 52	94.84	146 13	62 18 287 79
VER3-26		Control	640052.55	177608 56	30420.55		8/80 /3	18150.27	200.35	0333.01	1037.67	63.74	-5.38	308.27	-0.21	70.01	54 08 15 04	1267.76	130.7/	2838 10	03.00	105 77	45 36 203.00
VER2 27		Control	621202.03	100646.00	26676.01		0520.21	10662.20	116.00	0607.20	2602.00	05.74	4.25	260.46	7.00	95.01	40.02 16.00	1112 00	147.05	2000.10	06.60	140.71	95 54 212 24
VER3-27	VER	Control	582736 48	166034.01	20606.47		9329.31	18012.20	74 31	8436.07	1010 23	538.01	-4.25	307.58	-7.90	77.60	49.93 10.09	5261.39	136.57	1/220 30	90.00	653.48	51 09 200 41
VER2 20		Control	561064.47	160054.31	20050.47		10449.24	10012.00	-1.00	0014 77	2414.90	-100	7 70	206 50	-3.03	106.92	40.26 14.21	2496 40	122.05	2442.00	00.02	125.00	49 64 277 70
VER3-29		Control	501064.47	100000.09	30000.20		0446.24	10024.40	<lud< td=""><td>9014.77</td><td>3414.09</td><td><lod< td=""><td>-1.19</td><td>400.70</td><td>2.40</td><td>100.03</td><td>40.30 14.21</td><td>2400.10</td><td>132.95</td><td>2443.00</td><td>142.26</td><td>104.40</td><td>40.04 211.19</td></lod<></td></lud<>	9014.77	3414.09	<lod< td=""><td>-1.19</td><td>400.70</td><td>2.40</td><td>100.03</td><td>40.30 14.21</td><td>2400.10</td><td>132.95</td><td>2443.00</td><td>142.26</td><td>104.40</td><td>40.04 211.19</td></lod<>	-1.19	400.70	2.40	100.03	40.30 14.21	2400.10	132.95	2443.00	142.26	104.40	40.04 211.19
VER3-30		Control	652490.95	1000101.90	41592.00		9440.20	19033.04	104.72	10140.04	1020.23	100.72	0.11	490.79	-3.30	102.94	40.50 14.55	4405.57	137.00	207.70	142.20	104.40	78.92 270.03
VER3-31		Control	600007.00	193040.91	30915.35		0404.00	20000.27	130.60	0027.00	1003.00	<lod< td=""><td>0.11</td><td>349.44</td><td>-0.51</td><td>100.00</td><td>49.57 16.50</td><td>100.07</td><td>145.20</td><td>297.70</td><td>100.59</td><td>101.70</td><td>37.00 315.03</td></lod<>	0.11	349.44	-0.51	100.00	49.57 16.50	100.07	145.20	297.70	100.59	101.70	37.00 315.03
VER3-32	VER	Control	622937.69	1/9/01.04	34441.55	<lod< td=""><td>7500.40</td><td>19694.52</td><td><lud< td=""><td>9937.06</td><td>10271.79</td><td>17.15</td><td>-21.00</td><td>302.69</td><td>-4.55</td><td>09.03</td><td>62.66 14.95</td><td>1010.04</td><td>130.03</td><td>314.09</td><td>109.51</td><td>70.04</td><td>30.09 302.04</td></lud<></td></lod<>	7500.40	19694.52	<lud< td=""><td>9937.06</td><td>10271.79</td><td>17.15</td><td>-21.00</td><td>302.69</td><td>-4.55</td><td>09.03</td><td>62.66 14.95</td><td>1010.04</td><td>130.03</td><td>314.09</td><td>109.51</td><td>70.04</td><td>30.09 302.04</td></lud<>	9937.06	10271.79	17.15	-21.00	302.69	-4.55	09.03	62.66 14.95	1010.04	130.03	314.09	109.51	70.04	30.09 302.04
VER3-33	VER	Control	610219.46	163212.81	31592.55	<lod< td=""><td>7560.43</td><td>19692.98</td><td>203.81</td><td>9945.57</td><td>4534.50</td><td>20.31</td><td>8.58</td><td>398.04</td><td>-4.65</td><td>84.74</td><td>50.61 17.93</td><td>593.23</td><td>146.13</td><td>848.72</td><td>82.50</td><td>79.81</td><td>48.07 328.72</td></lod<>	7560.43	19692.98	203.81	9945.57	4534.50	20.31	8.58	398.04	-4.65	84.74	50.61 17.93	593.23	146.13	848.72	82.50	79.81	48.07 328.72
VER3-34	VER	Control	596867.18	183082.51	33797.94	<lod< td=""><td>8800.33</td><td>19227.21</td><td>176.00</td><td>10235.31</td><td>5076.12</td><td><lod< td=""><td>21.39</td><td>444.24</td><td>-4.73</td><td>103.51</td><td>57.04 15.67</td><td>1435.18</td><td>138.68</td><td>519.64</td><td>113.37</td><td>76.95</td><td>52.04 260.47</td></lod<></td></lod<>	8800.33	19227.21	176.00	10235.31	5076.12	<lod< td=""><td>21.39</td><td>444.24</td><td>-4.73</td><td>103.51</td><td>57.04 15.67</td><td>1435.18</td><td>138.68</td><td>519.64</td><td>113.37</td><td>76.95</td><td>52.04 260.47</td></lod<>	21.39	444.24	-4.73	103.51	57.04 15.67	1435.18	138.68	519.64	113.37	76.95	52.04 260.47
VER3-35	VER	Control	646039.01	184356.16	27023.11	<lod< td=""><td>8258.54</td><td>19217.21</td><td>147.42</td><td>9420.58</td><td>1537.52</td><td>7.59</td><td>5.20</td><td>374.75</td><td>-7.45</td><td>81.71</td><td>52.20 17.41</td><td>254.40</td><td>140.66</td><td>26.73</td><td>97.91</td><td>87.21</td><td>51.87 309.30</td></lod<>	8258.54	19217.21	147.42	9420.58	1537.52	7.59	5.20	374.75	-7.45	81.71	52.20 17.41	254.40	140.66	26.73	97.91	87.21	51.87 309.30
VER3-36	VER	Control	682597.44	191945.62	29869.77	<lod< td=""><td>7544.23</td><td>20578.46</td><td>339.72</td><td>9625.94</td><td>1992.13</td><td>153.30</td><td>14.98</td><td>386.66</td><td>-1.95</td><td>70.61</td><td>90.73 15.63</td><td>3329.56</td><td>140.19</td><td>-130.78</td><td>104.66</td><td>94.51</td><td>37.32 299.20</td></lod<>	7544.23	20578.46	339.72	9625.94	1992.13	153.30	14.98	386.66	-1.95	70.61	90.73 15.63	3329.56	140.19	-130.78	104.66	94.51	37.32 299.20
VER3-37	VER	Control	634228.53	206076.65	40042.21	<lod< td=""><td>9235.10</td><td>18572.34</td><td><lod< td=""><td>9485.03</td><td>2548.08</td><td><lod< td=""><td><lod< td=""><td>400.34</td><td>2.55</td><td>85.31</td><td>58.19 15.42</td><td>1306.31</td><td>146.23</td><td>8779.27</td><td>104.24</td><td>522.73</td><td>49.77 255.86</td></lod<></td></lod<></td></lod<></td></lod<>	9235.10	18572.34	<lod< td=""><td>9485.03</td><td>2548.08</td><td><lod< td=""><td><lod< td=""><td>400.34</td><td>2.55</td><td>85.31</td><td>58.19 15.42</td><td>1306.31</td><td>146.23</td><td>8779.27</td><td>104.24</td><td>522.73</td><td>49.77 255.86</td></lod<></td></lod<></td></lod<>	9485.03	2548.08	<lod< td=""><td><lod< td=""><td>400.34</td><td>2.55</td><td>85.31</td><td>58.19 15.42</td><td>1306.31</td><td>146.23</td><td>8779.27</td><td>104.24</td><td>522.73</td><td>49.77 255.86</td></lod<></td></lod<>	<lod< td=""><td>400.34</td><td>2.55</td><td>85.31</td><td>58.19 15.42</td><td>1306.31</td><td>146.23</td><td>8779.27</td><td>104.24</td><td>522.73</td><td>49.77 255.86</td></lod<>	400.34	2.55	85.31	58.19 15.42	1306.31	146.23	8779.27	104.24	522.73	49.77 255.86
VER3-38	VER	Control	645213.12	192232.35	29778.09	<lod< td=""><td>8460.55</td><td>18617.24</td><td>95.65</td><td>10326.88</td><td>725.74</td><td>1.25</td><td>3.39</td><td>353.52</td><td>0.09</td><td>81.19</td><td>38.79 16.83</td><td>241.14</td><td>138.92</td><td>1124.70</td><td>118.15</td><td>112.25</td><td>46.00 306.53</td></lod<>	8460.55	18617.24	95.65	10326.88	725.74	1.25	3.39	353.52	0.09	81.19	38.79 16.83	241.14	138.92	1124.70	118.15	112.25	46.00 306.53
VER3-39	VER	Control	472001.44	124499.05	34012.82	<lod< td=""><td>8039.82</td><td>19283.77</td><td><lod< td=""><td>10086.46</td><td>1104.92</td><td>329.87</td><td>1.55</td><td>542.31</td><td>-0.71</td><td>105.46</td><td>52.23 19.66</td><td>3244.50</td><td>147.96</td><td>6591.72</td><td>92.74</td><td>483.81</td><td>54.73 314.59</td></lod<></td></lod<>	8039.82	19283.77	<lod< td=""><td>10086.46</td><td>1104.92</td><td>329.87</td><td>1.55</td><td>542.31</td><td>-0.71</td><td>105.46</td><td>52.23 19.66</td><td>3244.50</td><td>147.96</td><td>6591.72</td><td>92.74</td><td>483.81</td><td>54.73 314.59</td></lod<>	10086.46	1104.92	329.87	1.55	542.31	-0.71	105.46	52.23 19.66	3244.50	147.96	6591.72	92.74	483.81	54.73 314.59
VER3-40	VER	Control	596885.58	159474.55	26893.61	<lod< td=""><td>9159.14</td><td>18452.37</td><td>251.65</td><td>10084.53</td><td>1048.99</td><td>31.28</td><td>-3.48</td><td>372.49</td><td>-1.09</td><td>84.40</td><td>60.77 15.14</td><td>1629.39</td><td>136.80</td><td>2708.19</td><td>117.32</td><td>93.32</td><td>34.94 308.25</td></lod<>	9159.14	18452.37	251.65	10084.53	1048.99	31.28	-3.48	372.49	-1.09	84.40	60.77 15.14	1629.39	136.80	2708.19	117.32	93.32	34.94 308.25
VER3-41	VER	Control	628404.20	187550.79	28745.36	<lod< td=""><td>8524.92</td><td>20113.20</td><td>280.07</td><td>9669.47</td><td>1489.67</td><td>22.29</td><td>-7.95</td><td>358.77</td><td>6.52</td><td>82.09</td><td>44.00 18.83</td><td>3092.60</td><td>141.71</td><td>2593.74</td><td>98.16</td><td>126.40</td><td>99.45 248.54</td></lod<>	8524.92	20113.20	280.07	9669.47	1489.67	22.29	-7.95	358.77	6.52	82.09	44.00 18.83	3092.60	141.71	2593.74	98.16	126.40	99.45 248.54
VER3-42	VER	Control	619098.33	175178.21	30119.41	<lod< td=""><td>7433.35</td><td>18189.72</td><td><lod< td=""><td>9411.38</td><td>644.05</td><td>17.91</td><td>-0.30</td><td>309.19</td><td>0.39</td><td>75.57</td><td>54.04 15.18</td><td>1386.12</td><td>136.70</td><td>1064.65</td><td>95.64</td><td>126.44</td><td>40.44 282.04</td></lod<></td></lod<>	7433.35	18189.72	<lod< td=""><td>9411.38</td><td>644.05</td><td>17.91</td><td>-0.30</td><td>309.19</td><td>0.39</td><td>75.57</td><td>54.04 15.18</td><td>1386.12</td><td>136.70</td><td>1064.65</td><td>95.64</td><td>126.44</td><td>40.44 282.04</td></lod<>	9411.38	644.05	17.91	-0.30	309.19	0.39	75.57	54.04 15.18	1386.12	136.70	1064.65	95.64	126.44	40.44 282.04
VER3-43	VER	Control	531045.43	157539.44	30713.41	<lod< td=""><td>8482.31</td><td>19958.53</td><td>101.68</td><td>9575.25</td><td>1661.89</td><td>1001.98</td><td>-3.83</td><td>384.65</td><td>13.55</td><td>88.31</td><td>27.63 16.75</td><td>6930.69</td><td>142.80</td><td>17037.54</td><td>89.95</td><td>243.98</td><td>78.53 253.07</td></lod<>	8482.31	19958.53	101.68	9575.25	1661.89	1001.98	-3.83	384.65	13.55	88.31	27.63 16.75	6930.69	142.80	17037.54	89.95	243.98	78.53 253.07
VER3-44	VER	Control	621649.39	198862.14	32035.54	<lod< td=""><td>7375.12</td><td>19490.15</td><td>95.95</td><td>9601.18</td><td>1914.27</td><td>17.11</td><td>0.09</td><td>366.13</td><td>3.68</td><td>90.04</td><td>51.55 16.83</td><td>1989.66</td><td>146.43</td><td>2859.82</td><td>94.91</td><td>200.82</td><td>60.23 310.02</td></lod<>	7375.12	19490.15	95.95	9601.18	1914.27	17.11	0.09	366.13	3.68	90.04	51.55 16.83	1989.66	146.43	2859.82	94.91	200.82	60.23 310.02
VER3-45	VER	Control	593028.21	187700.76	28120.08	<lod< td=""><td>8633.04</td><td>18814.65</td><td>139.38</td><td>9861.65</td><td>2938.81</td><td>60.86</td><td>-10.72</td><td>356.55</td><td>2.70</td><td>72.71</td><td>43.89 19.37</td><td>1175.77</td><td>136.81</td><td>633.92</td><td>93.10</td><td>134.04</td><td>106.40 287.04</td></lod<>	8633.04	18814.65	139.38	9861.65	2938.81	60.86	-10.72	356.55	2.70	72.71	43.89 19.37	1175.77	136.81	633.92	93.10	134.04	106.40 287.04
VER3-46	VER	Control	594904.13	177496.53	30650.78	<lod< td=""><td>8579.66</td><td>18535.13</td><td><lod< td=""><td>9188.98</td><td>3714.36</td><td>297.59</td><td>-1.84</td><td>334.29</td><td>-0.54</td><td>75.62</td><td>58.77 15.67</td><td>3111.57</td><td>139.61</td><td>8429.54</td><td>94.95</td><td>449.30</td><td>38.85 361.24</td></lod<></td></lod<>	8579.66	18535.13	<lod< td=""><td>9188.98</td><td>3714.36</td><td>297.59</td><td>-1.84</td><td>334.29</td><td>-0.54</td><td>75.62</td><td>58.77 15.67</td><td>3111.57</td><td>139.61</td><td>8429.54</td><td>94.95</td><td>449.30</td><td>38.85 361.24</td></lod<>	9188.98	3714.36	297.59	-1.84	334.29	-0.54	75.62	58.77 15.67	3111.57	139.61	8429.54	94.95	449.30	38.85 361.24
VER3-47	VER	Control	611901.98	191054.26	28765.98	<lod< td=""><td>8810.64</td><td>18915.58</td><td>165.83</td><td>9555.54</td><td>6793.29</td><td>68.62</td><td>-26.09</td><td>314.41</td><td>8.29</td><td>70.53</td><td>69.69 15.71</td><td>2228.65</td><td>139.03</td><td>1578.33</td><td>98.87</td><td>117.96</td><td>73.46 313.82</td></lod<>	8810.64	18915.58	165.83	9555.54	6793.29	68.62	-26.09	314.41	8.29	70.53	69.69 15.71	2228.65	139.03	1578.33	98.87	117.96	73.46 313.82
VER3-48	VER	Control	637075.14	196250.10	25977.62	<lod< td=""><td>8257.21</td><td>19177.78</td><td>115.23</td><td>9756.98</td><td>2063.88</td><td>243.18</td><td>-40.13</td><td>203.86</td><td>5.33</td><td>77.23</td><td>39.01 16.60</td><td>3609.83</td><td>142.23</td><td>545.75</td><td>108.52</td><td>74.90</td><td>39.23 328.12</td></lod<>	8257.21	19177.78	115.23	9756.98	2063.88	243.18	-40.13	203.86	5.33	77.23	39.01 16.60	3609.83	142.23	545.75	108.52	74.90	39.23 328.12
VER3-49	VER	Control	488312.64	134187.70	36407.90	<lod< td=""><td>7967.55</td><td>18216.28</td><td>111.52</td><td>9356.82</td><td>294.81</td><td>-8.80</td><td>-13.31</td><td>366.75</td><td>-4.70</td><td>113.08</td><td>26.12 14.92</td><td>194.85</td><td>137.72</td><td>1167.95</td><td>85.39</td><td>154.27</td><td>137.18 282.92</td></lod<>	7967.55	18216.28	111.52	9356.82	294.81	-8.80	-13.31	366.75	-4.70	113.08	26.12 14.92	194.85	137.72	1167.95	85.39	154.27	137.18 282.92
VER3-50	VER	Control	648536.90	175747.04	27683.76	<lod< td=""><td>8088.12</td><td>19901.33</td><td>100.37</td><td>10220.95</td><td>1016.10</td><td>-10.33</td><td>0.85</td><td>353.89</td><td>-2.57</td><td>95.54</td><td><lod 15.56<="" td=""><td>161.04</td><td>141.66</td><td>-411.16</td><td>87.95</td><td>120.80</td><td>51.07 376.17</td></lod></td></lod<>	8088.12	19901.33	100.37	10220.95	1016.10	-10.33	0.85	353.89	-2.57	95.54	<lod 15.56<="" td=""><td>161.04</td><td>141.66</td><td>-411.16</td><td>87.95</td><td>120.80</td><td>51.07 376.17</td></lod>	161.04	141.66	-411.16	87.95	120.80	51.07 376.17
EWR1	VER	Control	638504.57	195188.85	45936.85	<lod< td=""><td>8841.20</td><td>11136.91</td><td><lod< td=""><td>9803.02</td><td>2408.28</td><td>42.58</td><td><lod< td=""><td>346.02</td><td>-15.13</td><td>77.62</td><td>28.50 14.20</td><td>1660.13</td><td>105.05</td><td>1045.15</td><td>88.50</td><td>118.55</td><td>43.63 301.50</td></lod<></td></lod<></td></lod<>	8841.20	11136.91	<lod< td=""><td>9803.02</td><td>2408.28</td><td>42.58</td><td><lod< td=""><td>346.02</td><td>-15.13</td><td>77.62</td><td>28.50 14.20</td><td>1660.13</td><td>105.05</td><td>1045.15</td><td>88.50</td><td>118.55</td><td>43.63 301.50</td></lod<></td></lod<>	9803.02	2408.28	42.58	<lod< td=""><td>346.02</td><td>-15.13</td><td>77.62</td><td>28.50 14.20</td><td>1660.13</td><td>105.05</td><td>1045.15</td><td>88.50</td><td>118.55</td><td>43.63 301.50</td></lod<>	346.02	-15.13	77.62	28.50 14.20	1660.13	105.05	1045.15	88.50	118.55	43.63 301.50
EWR2	VER	Control	659765.64	231589.45	35141.90	<lod< td=""><td>8755.33</td><td>14428.16</td><td>302.15</td><td>11973.33</td><td>2600.14</td><td><lod< td=""><td><lod< td=""><td>320.05</td><td>-5.84</td><td>88.85</td><td>39.14 19.34</td><td>3117.04</td><td>114.75</td><td>1231.01</td><td>112.90</td><td>101.14</td><td>60.18 309.13</td></lod<></td></lod<></td></lod<>	8755.33	14428.16	302.15	11973.33	2600.14	<lod< td=""><td><lod< td=""><td>320.05</td><td>-5.84</td><td>88.85</td><td>39.14 19.34</td><td>3117.04</td><td>114.75</td><td>1231.01</td><td>112.90</td><td>101.14</td><td>60.18 309.13</td></lod<></td></lod<>	<lod< td=""><td>320.05</td><td>-5.84</td><td>88.85</td><td>39.14 19.34</td><td>3117.04</td><td>114.75</td><td>1231.01</td><td>112.90</td><td>101.14</td><td>60.18 309.13</td></lod<>	320.05	-5.84	88.85	39.14 19.34	3117.04	114.75	1231.01	112.90	101.14	60.18 309.13
EWR3	VER	Control	513126.43	138274.79	20341.98	<lod< td=""><td>5917.67</td><td>12103.73</td><td>386.57</td><td>6772.25</td><td>4154.84</td><td>3146.09</td><td><lod< td=""><td>520.84</td><td>2.57</td><td>44.65</td><td>26.97 12.70</td><td>20806.92</td><td>106.88</td><td>25392.67</td><td>74.13</td><td>71.37</td><td>78.05 242.38</td></lod<></td></lod<>	5917.67	12103.73	386.57	6772.25	4154.84	3146.09	<lod< td=""><td>520.84</td><td>2.57</td><td>44.65</td><td>26.97 12.70</td><td>20806.92</td><td>106.88</td><td>25392.67</td><td>74.13</td><td>71.37</td><td>78.05 242.38</td></lod<>	520.84	2.57	44.65	26.97 12.70	20806.92	106.88	25392.67	74.13	71.37	78.05 242.38
EWR4	VER	Control	684014.35	242291.92	34252.88	<lod< td=""><td>8914.64</td><td>13616.30</td><td><lod< td=""><td>11058.88</td><td>1981.16</td><td><lod< td=""><td><lod< td=""><td>370.13</td><td>-11.41</td><td>82.27</td><td>39.42 20.02</td><td>3329.04</td><td>119.33</td><td>2280.94</td><td>114.73</td><td>105.26</td><td>46.00 338.04</td></lod<></td></lod<></td></lod<></td></lod<>	8914.64	13616.30	<lod< td=""><td>11058.88</td><td>1981.16</td><td><lod< td=""><td><lod< td=""><td>370.13</td><td>-11.41</td><td>82.27</td><td>39.42 20.02</td><td>3329.04</td><td>119.33</td><td>2280.94</td><td>114.73</td><td>105.26</td><td>46.00 338.04</td></lod<></td></lod<></td></lod<>	11058.88	1981.16	<lod< td=""><td><lod< td=""><td>370.13</td><td>-11.41</td><td>82.27</td><td>39.42 20.02</td><td>3329.04</td><td>119.33</td><td>2280.94</td><td>114.73</td><td>105.26</td><td>46.00 338.04</td></lod<></td></lod<>	<lod< td=""><td>370.13</td><td>-11.41</td><td>82.27</td><td>39.42 20.02</td><td>3329.04</td><td>119.33</td><td>2280.94</td><td>114.73</td><td>105.26</td><td>46.00 338.04</td></lod<>	370.13	-11.41	82.27	39.42 20.02	3329.04	119.33	2280.94	114.73	105.26	46.00 338.04
EWR5	VER	Control	726361.39	272726.92	34011.55	<lod< td=""><td>8814.15</td><td>12639.59</td><td><lod< td=""><td>10708.49</td><td>2098.11</td><td><lod< td=""><td><lod< td=""><td>347.96</td><td>-11.83</td><td>84.91</td><td>56.98 17.92</td><td>1263.17</td><td>118.93</td><td>899.61</td><td>124.78</td><td>88.68</td><td>44.44 283.71</td></lod<></td></lod<></td></lod<></td></lod<>	8814.15	12639.59	<lod< td=""><td>10708.49</td><td>2098.11</td><td><lod< td=""><td><lod< td=""><td>347.96</td><td>-11.83</td><td>84.91</td><td>56.98 17.92</td><td>1263.17</td><td>118.93</td><td>899.61</td><td>124.78</td><td>88.68</td><td>44.44 283.71</td></lod<></td></lod<></td></lod<>	10708.49	2098.11	<lod< td=""><td><lod< td=""><td>347.96</td><td>-11.83</td><td>84.91</td><td>56.98 17.92</td><td>1263.17</td><td>118.93</td><td>899.61</td><td>124.78</td><td>88.68</td><td>44.44 283.71</td></lod<></td></lod<>	<lod< td=""><td>347.96</td><td>-11.83</td><td>84.91</td><td>56.98 17.92</td><td>1263.17</td><td>118.93</td><td>899.61</td><td>124.78</td><td>88.68</td><td>44.44 283.71</td></lod<>	347.96	-11.83	84.91	56.98 17.92	1263.17	118.93	899.61	124.78	88.68	44.44 283.71
EWR6	VER	Control	657053.25	203201.66	33358.43	<lod< td=""><td>8403.37</td><td>11716.99</td><td><lod< td=""><td>10405.94</td><td>2018.09</td><td><lod< td=""><td><lod< td=""><td>320.73</td><td>-8.66</td><td>78.07</td><td>59.08 18.41</td><td>2869.48</td><td>114.70</td><td>1244.35</td><td>95.67</td><td>104.33</td><td>63.58 323.93</td></lod<></td></lod<></td></lod<></td></lod<>	8403.37	11716.99	<lod< td=""><td>10405.94</td><td>2018.09</td><td><lod< td=""><td><lod< td=""><td>320.73</td><td>-8.66</td><td>78.07</td><td>59.08 18.41</td><td>2869.48</td><td>114.70</td><td>1244.35</td><td>95.67</td><td>104.33</td><td>63.58 323.93</td></lod<></td></lod<></td></lod<>	10405.94	2018.09	<lod< td=""><td><lod< td=""><td>320.73</td><td>-8.66</td><td>78.07</td><td>59.08 18.41</td><td>2869.48</td><td>114.70</td><td>1244.35</td><td>95.67</td><td>104.33</td><td>63.58 323.93</td></lod<></td></lod<>	<lod< td=""><td>320.73</td><td>-8.66</td><td>78.07</td><td>59.08 18.41</td><td>2869.48</td><td>114.70</td><td>1244.35</td><td>95.67</td><td>104.33</td><td>63.58 323.93</td></lod<>	320.73	-8.66	78.07	59.08 18.41	2869.48	114.70	1244.35	95.67	104.33	63.58 323.93
EWR7	VER	Control	729334.40	228651.47	29413.40	<lod< td=""><td>8480.82</td><td>13730.49</td><td><lod< td=""><td>11050.90</td><td>2303.65</td><td><lod< td=""><td><lod< td=""><td>354.39</td><td>-12.83</td><td>66.60</td><td>39.50 19.23</td><td>1110.35</td><td>105.46</td><td>1313.19</td><td>94.13</td><td>110.71</td><td>37.47 346.72</td></lod<></td></lod<></td></lod<></td></lod<>	8480.82	13730.49	<lod< td=""><td>11050.90</td><td>2303.65</td><td><lod< td=""><td><lod< td=""><td>354.39</td><td>-12.83</td><td>66.60</td><td>39.50 19.23</td><td>1110.35</td><td>105.46</td><td>1313.19</td><td>94.13</td><td>110.71</td><td>37.47 346.72</td></lod<></td></lod<></td></lod<>	11050.90	2303.65	<lod< td=""><td><lod< td=""><td>354.39</td><td>-12.83</td><td>66.60</td><td>39.50 19.23</td><td>1110.35</td><td>105.46</td><td>1313.19</td><td>94.13</td><td>110.71</td><td>37.47 346.72</td></lod<></td></lod<>	<lod< td=""><td>354.39</td><td>-12.83</td><td>66.60</td><td>39.50 19.23</td><td>1110.35</td><td>105.46</td><td>1313.19</td><td>94.13</td><td>110.71</td><td>37.47 346.72</td></lod<>	354.39	-12.83	66.60	39.50 19.23	1110.35	105.46	1313.19	94.13	110.71	37.47 346.72
EWR8	VER	Control	682628.57	224701.81	32910.08	<lod< td=""><td>7377.66</td><td>10730.52</td><td><lod< td=""><td>11190.42</td><td>818.49</td><td><lod< td=""><td><lod< td=""><td>300.90</td><td>-16.93</td><td>71.86</td><td>40.12 16.77</td><td>399.40</td><td>90.01</td><td>119.23</td><td>77.00</td><td>100.50</td><td>44.90 337.51</td></lod<></td></lod<></td></lod<></td></lod<>	7377.66	10730.52	<lod< td=""><td>11190.42</td><td>818.49</td><td><lod< td=""><td><lod< td=""><td>300.90</td><td>-16.93</td><td>71.86</td><td>40.12 16.77</td><td>399.40</td><td>90.01</td><td>119.23</td><td>77.00</td><td>100.50</td><td>44.90 337.51</td></lod<></td></lod<></td></lod<>	11190.42	818.49	<lod< td=""><td><lod< td=""><td>300.90</td><td>-16.93</td><td>71.86</td><td>40.12 16.77</td><td>399.40</td><td>90.01</td><td>119.23</td><td>77.00</td><td>100.50</td><td>44.90 337.51</td></lod<></td></lod<>	<lod< td=""><td>300.90</td><td>-16.93</td><td>71.86</td><td>40.12 16.77</td><td>399.40</td><td>90.01</td><td>119.23</td><td>77.00</td><td>100.50</td><td>44.90 337.51</td></lod<>	300.90	-16.93	71.86	40.12 16.77	399.40	90.01	119.23	77.00	100.50	44.90 337.51
EWR9	VER	Control	684638.20	252793.49	32055.54	<lod< td=""><td>8652.79</td><td>13905.31</td><td>332.42</td><td>12049.51</td><td>1167.98</td><td><lod< td=""><td><lod< td=""><td>344.66</td><td>-2.70</td><td>75.19</td><td>37.29 20.57</td><td>536.29</td><td>120.83</td><td>248.44</td><td>110.23</td><td>107.73</td><td>56.02 283.33</td></lod<></td></lod<></td></lod<>	8652.79	13905.31	332.42	12049.51	1167.98	<lod< td=""><td><lod< td=""><td>344.66</td><td>-2.70</td><td>75.19</td><td>37.29 20.57</td><td>536.29</td><td>120.83</td><td>248.44</td><td>110.23</td><td>107.73</td><td>56.02 283.33</td></lod<></td></lod<>	<lod< td=""><td>344.66</td><td>-2.70</td><td>75.19</td><td>37.29 20.57</td><td>536.29</td><td>120.83</td><td>248.44</td><td>110.23</td><td>107.73</td><td>56.02 283.33</td></lod<>	344.66	-2.70	75.19	37.29 20.57	536.29	120.83	248.44	110.23	107.73	56.02 283.33
EWR10	VER	Control	653372.92	183909.35	30543.20	<lod< td=""><td>7957.14</td><td>13167.02</td><td><lod< td=""><td>10901.75</td><td>1535.91</td><td><lod< td=""><td><lod< td=""><td>314.35</td><td>-4.47</td><td>66.98</td><td>44.93 19.00</td><td>884.39</td><td>106.62</td><td>898.98</td><td>89.84</td><td>98.15</td><td>26.25 320.22</td></lod<></td></lod<></td></lod<></td></lod<>	7957.14	13167.02	<lod< td=""><td>10901.75</td><td>1535.91</td><td><lod< td=""><td><lod< td=""><td>314.35</td><td>-4.47</td><td>66.98</td><td>44.93 19.00</td><td>884.39</td><td>106.62</td><td>898.98</td><td>89.84</td><td>98.15</td><td>26.25 320.22</td></lod<></td></lod<></td></lod<>	10901.75	1535.91	<lod< td=""><td><lod< td=""><td>314.35</td><td>-4.47</td><td>66.98</td><td>44.93 19.00</td><td>884.39</td><td>106.62</td><td>898.98</td><td>89.84</td><td>98.15</td><td>26.25 320.22</td></lod<></td></lod<>	<lod< td=""><td>314.35</td><td>-4.47</td><td>66.98</td><td>44.93 19.00</td><td>884.39</td><td>106.62</td><td>898.98</td><td>89.84</td><td>98.15</td><td>26.25 320.22</td></lod<>	314.35	-4.47	66.98	44.93 19.00	884.39	106.62	898.98	89.84	98.15	26.25 320.22
EWR11	VER	Control	612372.88	193933.94	35145.37	<lod< td=""><td>8236.98</td><td>11743.41</td><td><lod< td=""><td>10312.95</td><td>1508.96</td><td><lod< td=""><td><lod< td=""><td>336.26</td><td>-8.22</td><td>64.94</td><td>48.18 17.32</td><td>888.35</td><td>118.02</td><td>797.84</td><td>101.13</td><td>91.12</td><td>35.28 317.41</td></lod<></td></lod<></td></lod<></td></lod<>	8236.98	11743.41	<lod< td=""><td>10312.95</td><td>1508.96</td><td><lod< td=""><td><lod< td=""><td>336.26</td><td>-8.22</td><td>64.94</td><td>48.18 17.32</td><td>888.35</td><td>118.02</td><td>797.84</td><td>101.13</td><td>91.12</td><td>35.28 317.41</td></lod<></td></lod<></td></lod<>	10312.95	1508.96	<lod< td=""><td><lod< td=""><td>336.26</td><td>-8.22</td><td>64.94</td><td>48.18 17.32</td><td>888.35</td><td>118.02</td><td>797.84</td><td>101.13</td><td>91.12</td><td>35.28 317.41</td></lod<></td></lod<>	<lod< td=""><td>336.26</td><td>-8.22</td><td>64.94</td><td>48.18 17.32</td><td>888.35</td><td>118.02</td><td>797.84</td><td>101.13</td><td>91.12</td><td>35.28 317.41</td></lod<>	336.26	-8.22	64.94	48.18 17.32	888.35	118.02	797.84	101.13	91.12	35.28 317.41
EWR12	VER	Control	644150.88	205098.19	38582.43	<lod< td=""><td>7238.73</td><td>12407.12</td><td><lod< td=""><td>10528.46</td><td>1188.85</td><td>234.92</td><td><lod< td=""><td>310.15</td><td>-1.82</td><td>74.98</td><td>33.88 14.61</td><td>1058.32</td><td>93.61</td><td>825.07</td><td>83.13</td><td>85.83</td><td>39.66 344.95</td></lod<></td></lod<></td></lod<>	7238.73	12407.12	<lod< td=""><td>10528.46</td><td>1188.85</td><td>234.92</td><td><lod< td=""><td>310.15</td><td>-1.82</td><td>74.98</td><td>33.88 14.61</td><td>1058.32</td><td>93.61</td><td>825.07</td><td>83.13</td><td>85.83</td><td>39.66 344.95</td></lod<></td></lod<>	10528.46	1188.85	234.92	<lod< td=""><td>310.15</td><td>-1.82</td><td>74.98</td><td>33.88 14.61</td><td>1058.32</td><td>93.61</td><td>825.07</td><td>83.13</td><td>85.83</td><td>39.66 344.95</td></lod<>	310.15	-1.82	74.98	33.88 14.61	1058.32	93.61	825.07	83.13	85.83	39.66 344.95
EWR13	VER	Control	547247.45	181977.28	29091.16	<lod< td=""><td>7084.74</td><td>17778.66</td><td>432.99</td><td>10835.01</td><td>3337.47</td><td>1059.99</td><td><lod< td=""><td>416.07</td><td>-14.26</td><td>68.78</td><td>22.21 20.29</td><td>6331.56</td><td>99.34</td><td>16376.85</td><td>82.32</td><td>98.04</td><td>96.80 269.91</td></lod<></td></lod<>	7084.74	17778.66	432.99	10835.01	3337.47	1059.99	<lod< td=""><td>416.07</td><td>-14.26</td><td>68.78</td><td>22.21 20.29</td><td>6331.56</td><td>99.34</td><td>16376.85</td><td>82.32</td><td>98.04</td><td>96.80 269.91</td></lod<>	416.07	-14.26	68.78	22.21 20.29	6331.56	99.34	16376.85	82.32	98.04	96.80 269.91
EWR14	VER	Control	613169.26	172763.18	30850.06	<lod< td=""><td>6837.10</td><td>13104.99</td><td><lod< td=""><td>9877.42</td><td>602.83</td><td>22.90</td><td><lod< td=""><td>329.67</td><td>-13.57</td><td>93.56</td><td>36.17 18.76</td><td>205.61</td><td>116.17</td><td>197.04</td><td>100.62</td><td>89.12</td><td>46.65 346.05</td></lod<></td></lod<></td></lod<>	6837.10	13104.99	<lod< td=""><td>9877.42</td><td>602.83</td><td>22.90</td><td><lod< td=""><td>329.67</td><td>-13.57</td><td>93.56</td><td>36.17 18.76</td><td>205.61</td><td>116.17</td><td>197.04</td><td>100.62</td><td>89.12</td><td>46.65 346.05</td></lod<></td></lod<>	9877.42	602.83	22.90	<lod< td=""><td>329.67</td><td>-13.57</td><td>93.56</td><td>36.17 18.76</td><td>205.61</td><td>116.17</td><td>197.04</td><td>100.62</td><td>89.12</td><td>46.65 346.05</td></lod<>	329.67	-13.57	93.56	36.17 18.76	205.61	116.17	197.04	100.62	89.12	46.65 346.05
EWR15	VER	Control	663507.76	202155.12	28792.44	<lod< td=""><td>8669.88</td><td>12275.00</td><td><lod< td=""><td>10743.11</td><td>1498.89</td><td><lod< td=""><td><lod< td=""><td>199.18</td><td>-9.10</td><td>80.06</td><td>18.84 20.17</td><td>3036.51</td><td>113.13</td><td>904.88</td><td>100.19</td><td>69.76</td><td>39.56 265.77</td></lod<></td></lod<></td></lod<></td></lod<>	8669.88	12275.00	<lod< td=""><td>10743.11</td><td>1498.89</td><td><lod< td=""><td><lod< td=""><td>199.18</td><td>-9.10</td><td>80.06</td><td>18.84 20.17</td><td>3036.51</td><td>113.13</td><td>904.88</td><td>100.19</td><td>69.76</td><td>39.56 265.77</td></lod<></td></lod<></td></lod<>	10743.11	1498.89	<lod< td=""><td><lod< td=""><td>199.18</td><td>-9.10</td><td>80.06</td><td>18.84 20.17</td><td>3036.51</td><td>113.13</td><td>904.88</td><td>100.19</td><td>69.76</td><td>39.56 265.77</td></lod<></td></lod<>	<lod< td=""><td>199.18</td><td>-9.10</td><td>80.06</td><td>18.84 20.17</td><td>3036.51</td><td>113.13</td><td>904.88</td><td>100.19</td><td>69.76</td><td>39.56 265.77</td></lod<>	199.18	-9.10	80.06	18.84 20.17	3036.51	113.13	904.88	100.19	69.76	39.56 265.77
EWR16	VER	Control	609221.08	173476.15	36954.16	<lod< td=""><td>8783.99</td><td>13616.69</td><td><lod< td=""><td>11141.14</td><td>1304.64</td><td><lod< td=""><td><lod< td=""><td>305.97</td><td>-11.10</td><td>86.76</td><td>25.86 20.71</td><td>1131.08</td><td>109.82</td><td>580.36</td><td>97.30</td><td>99.54</td><td>34.02 304.57</td></lod<></td></lod<></td></lod<></td></lod<>	8783.99	13616.69	<lod< td=""><td>11141.14</td><td>1304.64</td><td><lod< td=""><td><lod< td=""><td>305.97</td><td>-11.10</td><td>86.76</td><td>25.86 20.71</td><td>1131.08</td><td>109.82</td><td>580.36</td><td>97.30</td><td>99.54</td><td>34.02 304.57</td></lod<></td></lod<></td></lod<>	11141.14	1304.64	<lod< td=""><td><lod< td=""><td>305.97</td><td>-11.10</td><td>86.76</td><td>25.86 20.71</td><td>1131.08</td><td>109.82</td><td>580.36</td><td>97.30</td><td>99.54</td><td>34.02 304.57</td></lod<></td></lod<>	<lod< td=""><td>305.97</td><td>-11.10</td><td>86.76</td><td>25.86 20.71</td><td>1131.08</td><td>109.82</td><td>580.36</td><td>97.30</td><td>99.54</td><td>34.02 304.57</td></lod<>	305.97	-11.10	86.76	25.86 20.71	1131.08	109.82	580.36	97.30	99.54	34.02 304.57
EWR17	VER	Control	625382.97	215815.93	41676.70	<lod< td=""><td>10607.27</td><td>13595.29</td><td><lod< td=""><td>12048.99</td><td>4219.41</td><td>225.42</td><td><lod< td=""><td>376.94</td><td>-8.54</td><td>99.74</td><td>21.86 18.70</td><td>5773.88</td><td>90.23</td><td>2767.97</td><td>89.52</td><td>110.02</td><td>127.55 314.12</td></lod<></td></lod<></td></lod<>	10607.27	13595.29	<lod< td=""><td>12048.99</td><td>4219.41</td><td>225.42</td><td><lod< td=""><td>376.94</td><td>-8.54</td><td>99.74</td><td>21.86 18.70</td><td>5773.88</td><td>90.23</td><td>2767.97</td><td>89.52</td><td>110.02</td><td>127.55 314.12</td></lod<></td></lod<>	12048.99	4219.41	225.42	<lod< td=""><td>376.94</td><td>-8.54</td><td>99.74</td><td>21.86 18.70</td><td>5773.88</td><td>90.23</td><td>2767.97</td><td>89.52</td><td>110.02</td><td>127.55 314.12</td></lod<>	376.94	-8.54	99.74	21.86 18.70	5773.88	90.23	2767.97	89.52	110.02	127.55 314.12
EWR18	VER	Control	697457.54	223082.60	37653.12	<lod< td=""><td>8394.67</td><td>12617.10</td><td><lod< td=""><td>10990.22</td><td>1995.13</td><td><lod< td=""><td><lod< td=""><td>326.37</td><td>12.01</td><td>70.64</td><td>41.90 17.76</td><td>1477.37</td><td>101.75</td><td>1123.02</td><td>87.66</td><td>90.96</td><td>39.29 389.83</td></lod<></td></lod<></td></lod<></td></lod<>	8394.67	12617.10	<lod< td=""><td>10990.22</td><td>1995.13</td><td><lod< td=""><td><lod< td=""><td>326.37</td><td>12.01</td><td>70.64</td><td>41.90 17.76</td><td>1477.37</td><td>101.75</td><td>1123.02</td><td>87.66</td><td>90.96</td><td>39.29 389.83</td></lod<></td></lod<></td></lod<>	10990.22	1995.13	<lod< td=""><td><lod< td=""><td>326.37</td><td>12.01</td><td>70.64</td><td>41.90 17.76</td><td>1477.37</td><td>101.75</td><td>1123.02</td><td>87.66</td><td>90.96</td><td>39.29 389.83</td></lod<></td></lod<>	<lod< td=""><td>326.37</td><td>12.01</td><td>70.64</td><td>41.90 17.76</td><td>1477.37</td><td>101.75</td><td>1123.02</td><td>87.66</td><td>90.96</td><td>39.29 389.83</td></lod<>	326.37	12.01	70.64	41.90 17.76	1477.37	101.75	1123.02	87.66	90.96	39.29 389.83
EWR19	VER	Control	662388.86	212713.19	31459.86	<lod< td=""><td>8008,74</td><td>13168.43</td><td><lod< td=""><td>10678.79</td><td>1190.44</td><td>14.95</td><td><lod< td=""><td>347.62</td><td>-15.35</td><td>72.50</td><td>23.63 18.40</td><td>426.49</td><td>108.41</td><td>586.80</td><td>103.50</td><td>87.82</td><td>39.53 284.95</td></lod<></td></lod<></td></lod<>	8008,74	13168.43	<lod< td=""><td>10678.79</td><td>1190.44</td><td>14.95</td><td><lod< td=""><td>347.62</td><td>-15.35</td><td>72.50</td><td>23.63 18.40</td><td>426.49</td><td>108.41</td><td>586.80</td><td>103.50</td><td>87.82</td><td>39.53 284.95</td></lod<></td></lod<>	10678.79	1190.44	14.95	<lod< td=""><td>347.62</td><td>-15.35</td><td>72.50</td><td>23.63 18.40</td><td>426.49</td><td>108.41</td><td>586.80</td><td>103.50</td><td>87.82</td><td>39.53 284.95</td></lod<>	347.62	-15.35	72.50	23.63 18.40	426.49	108.41	586.80	103.50	87.82	39.53 284.95
EWR20	VER	Control	622186.74	194646.50	36296.06	<lod< td=""><td>7954.55</td><td>12969.60</td><td><lod< td=""><td>11144.51</td><td>2551.05</td><td>1490.35</td><td><lod< td=""><td>387.62</td><td>3.34</td><td>80.13</td><td>20.53 15.91</td><td>5163.29</td><td>87.27</td><td>1601.94</td><td>83.45</td><td>86.26</td><td>46.42 274.34</td></lod<></td></lod<></td></lod<>	7954.55	12969.60	<lod< td=""><td>11144.51</td><td>2551.05</td><td>1490.35</td><td><lod< td=""><td>387.62</td><td>3.34</td><td>80.13</td><td>20.53 15.91</td><td>5163.29</td><td>87.27</td><td>1601.94</td><td>83.45</td><td>86.26</td><td>46.42 274.34</td></lod<></td></lod<>	11144.51	2551.05	1490.35	<lod< td=""><td>387.62</td><td>3.34</td><td>80.13</td><td>20.53 15.91</td><td>5163.29</td><td>87.27</td><td>1601.94</td><td>83.45</td><td>86.26</td><td>46.42 274.34</td></lod<>	387.62	3.34	80.13	20.53 15.91	5163.29	87.27	1601.94	83.45	86.26	46.42 274.34
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Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K ₂ O	*MnO	*TiO ₂	*P2O5	*As	*Ag	*Ba	*Bi	*Cr	*Cu *Nb	*Pb	*Rb	*S	*Sr	*V	*Zn *Zr
EWR21	VER	Control	648891.67	187666.83	27624.61	<lod< td=""><td>7707.09</td><td>13449.93</td><td><lod< td=""><td>9970.70</td><td>2324.91</td><td><lod< td=""><td><lod< td=""><td>343.18 -1</td><td>0.77</td><td>67.23</td><td>7.20 14.18</td><td>2064.00</td><td>90.36</td><td>1833.17</td><td>76.92</td><td>89.52</td><td>34.22 303.05</td></lod<></td></lod<></td></lod<></td></lod<>	7707.09	13449.93	<lod< td=""><td>9970.70</td><td>2324.91</td><td><lod< td=""><td><lod< td=""><td>343.18 -1</td><td>0.77</td><td>67.23</td><td>7.20 14.18</td><td>2064.00</td><td>90.36</td><td>1833.17</td><td>76.92</td><td>89.52</td><td>34.22 303.05</td></lod<></td></lod<></td></lod<>	9970.70	2324.91	<lod< td=""><td><lod< td=""><td>343.18 -1</td><td>0.77</td><td>67.23</td><td>7.20 14.18</td><td>2064.00</td><td>90.36</td><td>1833.17</td><td>76.92</td><td>89.52</td><td>34.22 303.05</td></lod<></td></lod<>	<lod< td=""><td>343.18 -1</td><td>0.77</td><td>67.23</td><td>7.20 14.18</td><td>2064.00</td><td>90.36</td><td>1833.17</td><td>76.92</td><td>89.52</td><td>34.22 303.05</td></lod<>	343.18 -1	0.77	67.23	7.20 14.18	2064.00	90.36	1833.17	76.92	89.52	34.22 303.05
EWR22	VER	Control	696443.76	216882.95	26176.10	<lod< td=""><td>5847.78</td><td>17855.46</td><td><lod td="" ·<=""><td>10202.19</td><td>895.21</td><td><lod< td=""><td><lod< td=""><td>387.67 -1</td><td>3.88</td><td>59.15</td><td>23.02 16.74</td><td>862.38</td><td>116.57</td><td>282.93</td><td>97.25</td><td>79.74</td><td>29.44 300.46</td></lod<></td></lod<></td></lod></td></lod<>	5847.78	17855.46	<lod td="" ·<=""><td>10202.19</td><td>895.21</td><td><lod< td=""><td><lod< td=""><td>387.67 -1</td><td>3.88</td><td>59.15</td><td>23.02 16.74</td><td>862.38</td><td>116.57</td><td>282.93</td><td>97.25</td><td>79.74</td><td>29.44 300.46</td></lod<></td></lod<></td></lod>	10202.19	895.21	<lod< td=""><td><lod< td=""><td>387.67 -1</td><td>3.88</td><td>59.15</td><td>23.02 16.74</td><td>862.38</td><td>116.57</td><td>282.93</td><td>97.25</td><td>79.74</td><td>29.44 300.46</td></lod<></td></lod<>	<lod< td=""><td>387.67 -1</td><td>3.88</td><td>59.15</td><td>23.02 16.74</td><td>862.38</td><td>116.57</td><td>282.93</td><td>97.25</td><td>79.74</td><td>29.44 300.46</td></lod<>	387.67 -1	3.88	59.15	23.02 16.74	862.38	116.57	282.93	97.25	79.74	29.44 300.46
EWR23	VER	Control	487937.69	151563.99	24599.18	<lod< td=""><td>8704.84</td><td>12903.84</td><td>437.87</td><td>9191.84</td><td>2010.23</td><td>19.39</td><td><lod< td=""><td>328.83</td><td>8.73</td><td>77.22</td><td>16.07 16.22</td><td>1110.66</td><td>99.39</td><td>2003.14</td><td>77.76</td><td>74.26</td><td>51.41 314.55</td></lod<></td></lod<>	8704.84	12903.84	437.87	9191.84	2010.23	19.39	<lod< td=""><td>328.83</td><td>8.73</td><td>77.22</td><td>16.07 16.22</td><td>1110.66</td><td>99.39</td><td>2003.14</td><td>77.76</td><td>74.26</td><td>51.41 314.55</td></lod<>	328.83	8.73	77.22	16.07 16.22	1110.66	99.39	2003.14	77.76	74.26	51.41 314.55
FWR24	VFR	Control	569151 32	157620 54	26804 97		7552 49	12251 10		9820 87	1079 46	46 27		303 25	5 23	70.04	25.07 17.28	5479 83	100.02	1204 10	84 43	85.66	93 94 339 18
FW/R25	VFR	Control	613274 22	191769 57	34243 31		8378 17	13041 57		10314 37	1469.07			306.52 -1	1 04	77 34	42 51 17 05	664.05	120.76	700.98	104 59	73.01	46 11 322 19
EWR26	VER	Control	695959 12	205774 12	23450.69		7111 75	16873.61	1121.05	9956 95	2471 54	110 53		359.43	0.89	58.96	19:30 16:86	786.88	115 69	2357 44	112 03	123.81	41 74 357 09
EW1020	VER	Control	667363.45	171/55 90	25607.57		7552.88	12507 58	~1.00	0033.28	781 74	8.57		338 27 -1	5 35	59.06	23 22 15 87	/15.32	06 10	306 32	87.41	73.07	26 36 321 10
EWI 27	VER	Control	596736 16	170271.67	35/10.66		7638.08	1/351 //	280.60	11284 68	1305 52			368.00	3.80	70.81	2.46 18 12	2022.00	87.02	1080.45	78 13	85.03	41 94 290 75
EWR20	VER	Control	657131.04	238228 30	38368 50		7758.00	11863.46		10188 33	5/5 81			332 02 -1	2.00	78.65	34.41 18.24	130/ 83	117.01	364.03	101 27	67.60	41.06 300 30
EWR23	VER	Control	500025 18	100101 43	25833.48		8860 63	13/15 /0	333 71	11647 41	2374.82	185.28		358.87	8 70	66.63	10.02 17.31	2256.80	87.07	3113.04	80.05	60.60	63 05 263 61
EWR30		Control	646061 10	201046.52	20507.76		9607.40	12501 20	-100	111047.41	1609.62	-1.00		227 02	4 70	71 07	27.20 10.02	1021 72	100.10	1070 27	07.77	70.21	27 00 221 00
		Control	669720.95	201940.02	30397.70		76007.49	14000.20		11107.90	1030.03	<lod< td=""><td></td><td>321.02 ·</td><td>4.70</td><td>71.07</td><td>27.20 10.92</td><td>700 50</td><td>109.10</td><td>506.06</td><td>101.02</td><td>19.01</td><td>37.09 321.00</td></lod<>		321.02 ·	4.70	71.07	27.20 10.92	700 50	109.10	506.06	101.02	19.01	37.09 321.00
EVVR32	VER	Control	666730.65	222009.07	30430.70		7023.03	14006.29		0547.70	1079.74	32.75		344.73 ·	2.54	72.05	33.90 17.52	00.00	104 70	2540.05	05.24	72.14	37.07 295.41 46.05 226.67
EVVR33	VER		556964.23	151526.60	31972.24	<lod< td=""><td>1035.00</td><td>11070.00</td><td><lod< td=""><td>9547.72</td><td>1122.49</td><td>202.39</td><td><lod< td=""><td>374.43 ·</td><td>2.51</td><td>72.51</td><td>9.57 16.77</td><td>0520.72</td><td>104.72</td><td>3010.90</td><td>00.01</td><td>13.14</td><td>46.95 336.67</td></lod<></td></lod<></td></lod<>	1035.00	11070.00	<lod< td=""><td>9547.72</td><td>1122.49</td><td>202.39</td><td><lod< td=""><td>374.43 ·</td><td>2.51</td><td>72.51</td><td>9.57 16.77</td><td>0520.72</td><td>104.72</td><td>3010.90</td><td>00.01</td><td>13.14</td><td>46.95 336.67</td></lod<></td></lod<>	9547.72	1122.49	202.39	<lod< td=""><td>374.43 ·</td><td>2.51</td><td>72.51</td><td>9.57 16.77</td><td>0520.72</td><td>104.72</td><td>3010.90</td><td>00.01</td><td>13.14</td><td>46.95 336.67</td></lod<>	374.43 ·	2.51	72.51	9.57 16.77	0520.72	104.72	3010.90	00.01	13.14	46.95 336.67
EVVR34	VER		490847.54	152735.82	70690.30	<lod< td=""><td>8888.14</td><td>11630.10</td><td><lod< td=""><td>8262.61</td><td>3965.75</td><td>118.04</td><td><lod< td=""><td>422.29</td><td>0.43</td><td>96.08</td><td>-0.57 15.40</td><td>2507.56</td><td>109.28</td><td>1953.49</td><td>94.59</td><td>191.67</td><td>55.76 300.60</td></lod<></td></lod<></td></lod<>	8888.14	11630.10	<lod< td=""><td>8262.61</td><td>3965.75</td><td>118.04</td><td><lod< td=""><td>422.29</td><td>0.43</td><td>96.08</td><td>-0.57 15.40</td><td>2507.56</td><td>109.28</td><td>1953.49</td><td>94.59</td><td>191.67</td><td>55.76 300.60</td></lod<></td></lod<>	8262.61	3965.75	118.04	<lod< td=""><td>422.29</td><td>0.43</td><td>96.08</td><td>-0.57 15.40</td><td>2507.56</td><td>109.28</td><td>1953.49</td><td>94.59</td><td>191.67</td><td>55.76 300.60</td></lod<>	422.29	0.43	96.08	-0.57 15.40	2507.56	109.28	1953.49	94.59	191.67	55.76 300.60
EVVR35	VER	Control	622669.55	200332.51	33743.67	<lod< td=""><td>6908.27</td><td>12109.26</td><td><lod< td=""><td>10953.51</td><td>1368.11</td><td>167.14</td><td><lod< td=""><td>312.45</td><td>2.73</td><td>70.02</td><td>12.71 16.95</td><td>4881.56</td><td>90.82</td><td>1844.55</td><td>78.06</td><td>63.35</td><td>53.46 339.56</td></lod<></td></lod<></td></lod<>	6908.27	12109.26	<lod< td=""><td>10953.51</td><td>1368.11</td><td>167.14</td><td><lod< td=""><td>312.45</td><td>2.73</td><td>70.02</td><td>12.71 16.95</td><td>4881.56</td><td>90.82</td><td>1844.55</td><td>78.06</td><td>63.35</td><td>53.46 339.56</td></lod<></td></lod<>	10953.51	1368.11	167.14	<lod< td=""><td>312.45</td><td>2.73</td><td>70.02</td><td>12.71 16.95</td><td>4881.56</td><td>90.82</td><td>1844.55</td><td>78.06</td><td>63.35</td><td>53.46 339.56</td></lod<>	312.45	2.73	70.02	12.71 16.95	4881.56	90.82	1844.55	78.06	63.35	53.46 339.56
EVVR36	VER		625324.46	188671.51	31676.01	<lod< td=""><td>8250.57</td><td>11428.39</td><td><lod< td=""><td>10568.37</td><td>1329.75</td><td><lod< td=""><td><lod< td=""><td>265.91</td><td>6.07</td><td>68.13</td><td>23.92 17.15</td><td>842.60</td><td>96.60</td><td>610.66</td><td>85.68</td><td>83.05</td><td>38.55 254.72</td></lod<></td></lod<></td></lod<></td></lod<>	8250.57	11428.39	<lod< td=""><td>10568.37</td><td>1329.75</td><td><lod< td=""><td><lod< td=""><td>265.91</td><td>6.07</td><td>68.13</td><td>23.92 17.15</td><td>842.60</td><td>96.60</td><td>610.66</td><td>85.68</td><td>83.05</td><td>38.55 254.72</td></lod<></td></lod<></td></lod<>	10568.37	1329.75	<lod< td=""><td><lod< td=""><td>265.91</td><td>6.07</td><td>68.13</td><td>23.92 17.15</td><td>842.60</td><td>96.60</td><td>610.66</td><td>85.68</td><td>83.05</td><td>38.55 254.72</td></lod<></td></lod<>	<lod< td=""><td>265.91</td><td>6.07</td><td>68.13</td><td>23.92 17.15</td><td>842.60</td><td>96.60</td><td>610.66</td><td>85.68</td><td>83.05</td><td>38.55 254.72</td></lod<>	265.91	6.07	68.13	23.92 17.15	842.60	96.60	610.66	85.68	83.05	38.55 254.72
EVVR37	VER	Control	612632.04	192707.29	28585.46	<lod< td=""><td>7430.64</td><td>13136.91</td><td>299.35</td><td>10269.80</td><td>1746.08</td><td><lod< td=""><td><lod< td=""><td>383.32 -1</td><td>3.98</td><td>77.34</td><td>19.66 15.19</td><td>4638.03</td><td>103.40</td><td>1228.54</td><td>89.24</td><td>61.69</td><td>47.14 274.42</td></lod<></td></lod<></td></lod<>	7430.64	13136.91	299.35	10269.80	1746.08	<lod< td=""><td><lod< td=""><td>383.32 -1</td><td>3.98</td><td>77.34</td><td>19.66 15.19</td><td>4638.03</td><td>103.40</td><td>1228.54</td><td>89.24</td><td>61.69</td><td>47.14 274.42</td></lod<></td></lod<>	<lod< td=""><td>383.32 -1</td><td>3.98</td><td>77.34</td><td>19.66 15.19</td><td>4638.03</td><td>103.40</td><td>1228.54</td><td>89.24</td><td>61.69</td><td>47.14 274.42</td></lod<>	383.32 -1	3.98	77.34	19.66 15.19	4638.03	103.40	1228.54	89.24	61.69	47.14 274.42
EVVR38	VER	Control	096698.34	221555.00	36/65.57	<lod< td=""><td>8090.19</td><td>12/56.85</td><td><lod '<="" td=""><td>10892.63</td><td>1700.18</td><td><lod< td=""><td><lod< td=""><td>339.30 -1</td><td>5.48</td><td>86.29</td><td>69.61 20.09</td><td>847.30</td><td>126.13</td><td>668.32</td><td>110.64</td><td>105.93</td><td>64.64 330.42</td></lod<></td></lod<></td></lod></td></lod<>	8090.19	12/56.85	<lod '<="" td=""><td>10892.63</td><td>1700.18</td><td><lod< td=""><td><lod< td=""><td>339.30 -1</td><td>5.48</td><td>86.29</td><td>69.61 20.09</td><td>847.30</td><td>126.13</td><td>668.32</td><td>110.64</td><td>105.93</td><td>64.64 330.42</td></lod<></td></lod<></td></lod>	10892.63	1700.18	<lod< td=""><td><lod< td=""><td>339.30 -1</td><td>5.48</td><td>86.29</td><td>69.61 20.09</td><td>847.30</td><td>126.13</td><td>668.32</td><td>110.64</td><td>105.93</td><td>64.64 330.42</td></lod<></td></lod<>	<lod< td=""><td>339.30 -1</td><td>5.48</td><td>86.29</td><td>69.61 20.09</td><td>847.30</td><td>126.13</td><td>668.32</td><td>110.64</td><td>105.93</td><td>64.64 330.42</td></lod<>	339.30 -1	5.48	86.29	69.61 20.09	847.30	126.13	668.32	110.64	105.93	64.64 330.42
EVVR39	VER	Control	699703.63	230326.66	32435.19	<lod< td=""><td>8309.60</td><td>11258.75</td><td><lod< td=""><td>10588.15</td><td>1689.67</td><td><lod< td=""><td><lod< td=""><td>304.88 -1</td><td>4.70</td><td>66.72</td><td>52.67 18.93</td><td>430.21</td><td>127.36</td><td>473.57</td><td>96.59</td><td>99.17</td><td>47.01 270.18</td></lod<></td></lod<></td></lod<></td></lod<>	8309.60	11258.75	<lod< td=""><td>10588.15</td><td>1689.67</td><td><lod< td=""><td><lod< td=""><td>304.88 -1</td><td>4.70</td><td>66.72</td><td>52.67 18.93</td><td>430.21</td><td>127.36</td><td>473.57</td><td>96.59</td><td>99.17</td><td>47.01 270.18</td></lod<></td></lod<></td></lod<>	10588.15	1689.67	<lod< td=""><td><lod< td=""><td>304.88 -1</td><td>4.70</td><td>66.72</td><td>52.67 18.93</td><td>430.21</td><td>127.36</td><td>473.57</td><td>96.59</td><td>99.17</td><td>47.01 270.18</td></lod<></td></lod<>	<lod< td=""><td>304.88 -1</td><td>4.70</td><td>66.72</td><td>52.67 18.93</td><td>430.21</td><td>127.36</td><td>473.57</td><td>96.59</td><td>99.17</td><td>47.01 270.18</td></lod<>	304.88 -1	4.70	66.72	52.67 18.93	430.21	127.36	473.57	96.59	99.17	47.01 270.18
EWR40	VER	Control	696267.04	211499.22	28327.50	<lod< td=""><td>6111.84</td><td>14694.04</td><td><lod< td=""><td>9750.06</td><td>1042.30</td><td><lod< td=""><td><lod< td=""><td>322.01 -1</td><td>4.55</td><td>71.24</td><td>16.20 18.24</td><td>3431.73</td><td>122.95</td><td>1296.64</td><td>107.62</td><td>83.06</td><td>40.72 328.41</td></lod<></td></lod<></td></lod<></td></lod<>	6111.84	14694.04	<lod< td=""><td>9750.06</td><td>1042.30</td><td><lod< td=""><td><lod< td=""><td>322.01 -1</td><td>4.55</td><td>71.24</td><td>16.20 18.24</td><td>3431.73</td><td>122.95</td><td>1296.64</td><td>107.62</td><td>83.06</td><td>40.72 328.41</td></lod<></td></lod<></td></lod<>	9750.06	1042.30	<lod< td=""><td><lod< td=""><td>322.01 -1</td><td>4.55</td><td>71.24</td><td>16.20 18.24</td><td>3431.73</td><td>122.95</td><td>1296.64</td><td>107.62</td><td>83.06</td><td>40.72 328.41</td></lod<></td></lod<>	<lod< td=""><td>322.01 -1</td><td>4.55</td><td>71.24</td><td>16.20 18.24</td><td>3431.73</td><td>122.95</td><td>1296.64</td><td>107.62</td><td>83.06</td><td>40.72 328.41</td></lod<>	322.01 -1	4.55	71.24	16.20 18.24	3431.73	122.95	1296.64	107.62	83.06	40.72 328.41
EWR41	VER	Control	563554.69	161197.55	32227.37	<lod< td=""><td>7481.94</td><td>13044.89</td><td>314.61</td><td>10592.91</td><td>1585.77</td><td>2018.15</td><td><lod< td=""><td>362.01 -1</td><td>6.06</td><td>80.61</td><td>20.77 16.34</td><td>990.74</td><td>95.72</td><td>831.49</td><td>76.14</td><td>86.72</td><td>47.80 300.39</td></lod<></td></lod<>	7481.94	13044.89	314.61	10592.91	1585.77	2018.15	<lod< td=""><td>362.01 -1</td><td>6.06</td><td>80.61</td><td>20.77 16.34</td><td>990.74</td><td>95.72</td><td>831.49</td><td>76.14</td><td>86.72</td><td>47.80 300.39</td></lod<>	362.01 -1	6.06	80.61	20.77 16.34	990.74	95.72	831.49	76.14	86.72	47.80 300.39
EWR42	VER	Control	658663.07	208354.61	32553.70	<lod< td=""><td>8020.58</td><td>11147.41</td><td><lod< td=""><td>9861.56</td><td>1677.70</td><td><lod< td=""><td><lod< td=""><td>283.03 -1</td><td>2.32</td><td>68.71</td><td>36.39 14.86</td><td>918.07</td><td>109.47</td><td>656.52</td><td>100.23</td><td>64.73</td><td>44.17 211.36</td></lod<></td></lod<></td></lod<></td></lod<>	8020.58	11147.41	<lod< td=""><td>9861.56</td><td>1677.70</td><td><lod< td=""><td><lod< td=""><td>283.03 -1</td><td>2.32</td><td>68.71</td><td>36.39 14.86</td><td>918.07</td><td>109.47</td><td>656.52</td><td>100.23</td><td>64.73</td><td>44.17 211.36</td></lod<></td></lod<></td></lod<>	9861.56	1677.70	<lod< td=""><td><lod< td=""><td>283.03 -1</td><td>2.32</td><td>68.71</td><td>36.39 14.86</td><td>918.07</td><td>109.47</td><td>656.52</td><td>100.23</td><td>64.73</td><td>44.17 211.36</td></lod<></td></lod<>	<lod< td=""><td>283.03 -1</td><td>2.32</td><td>68.71</td><td>36.39 14.86</td><td>918.07</td><td>109.47</td><td>656.52</td><td>100.23</td><td>64.73</td><td>44.17 211.36</td></lod<>	283.03 -1	2.32	68.71	36.39 14.86	918.07	109.47	656.52	100.23	64.73	44.17 211.36
EWR43	VER	Control	694947.92	232530.57	37969.46	<lod< td=""><td>7708.34</td><td>12887.20</td><td><lod td="" ·<=""><td>11250.76</td><td>1834.02</td><td><lod< td=""><td><lod< td=""><td>317.58</td><td>8.12</td><td>81.23</td><td>55.85 18.11</td><td>1392.20</td><td>109.32</td><td>1122.79</td><td>105.93</td><td>105.19</td><td>50.87 349.12</td></lod<></td></lod<></td></lod></td></lod<>	7708.34	12887.20	<lod td="" ·<=""><td>11250.76</td><td>1834.02</td><td><lod< td=""><td><lod< td=""><td>317.58</td><td>8.12</td><td>81.23</td><td>55.85 18.11</td><td>1392.20</td><td>109.32</td><td>1122.79</td><td>105.93</td><td>105.19</td><td>50.87 349.12</td></lod<></td></lod<></td></lod>	11250.76	1834.02	<lod< td=""><td><lod< td=""><td>317.58</td><td>8.12</td><td>81.23</td><td>55.85 18.11</td><td>1392.20</td><td>109.32</td><td>1122.79</td><td>105.93</td><td>105.19</td><td>50.87 349.12</td></lod<></td></lod<>	<lod< td=""><td>317.58</td><td>8.12</td><td>81.23</td><td>55.85 18.11</td><td>1392.20</td><td>109.32</td><td>1122.79</td><td>105.93</td><td>105.19</td><td>50.87 349.12</td></lod<>	317.58	8.12	81.23	55.85 18.11	1392.20	109.32	1122.79	105.93	105.19	50.87 349.12
EWR44	VER	Control	707977.40	208241.94	28382.49	<lod< td=""><td>8029.10</td><td>13841.06</td><td><lod td="" ·<=""><td>10679.62</td><td>2264.08</td><td>22.49</td><td><lod< td=""><td>337.09 -1</td><td>1.53</td><td>64.01</td><td>36.20 18.83</td><td>827.22</td><td>104.91</td><td>1542.88</td><td>92.85</td><td>104.32</td><td>36.28 315.16</td></lod<></td></lod></td></lod<>	8029.10	13841.06	<lod td="" ·<=""><td>10679.62</td><td>2264.08</td><td>22.49</td><td><lod< td=""><td>337.09 -1</td><td>1.53</td><td>64.01</td><td>36.20 18.83</td><td>827.22</td><td>104.91</td><td>1542.88</td><td>92.85</td><td>104.32</td><td>36.28 315.16</td></lod<></td></lod>	10679.62	2264.08	22.49	<lod< td=""><td>337.09 -1</td><td>1.53</td><td>64.01</td><td>36.20 18.83</td><td>827.22</td><td>104.91</td><td>1542.88</td><td>92.85</td><td>104.32</td><td>36.28 315.16</td></lod<>	337.09 -1	1.53	64.01	36.20 18.83	827.22	104.91	1542.88	92.85	104.32	36.28 315.16
EWR45	VER	Control	738836.26	219548.75	31777.13	<lod< td=""><td>7951.60</td><td>13147.80</td><td><lod '<="" td=""><td>10717.25</td><td>1919.29</td><td><lod< td=""><td><lod< td=""><td>298.56</td><td>7.74</td><td>59.50</td><td>41.96 18.62</td><td>1173.92</td><td>115.34</td><td>699.30</td><td>104.82</td><td>110.51</td><td>40.39 259.35</td></lod<></td></lod<></td></lod></td></lod<>	7951.60	13147.80	<lod '<="" td=""><td>10717.25</td><td>1919.29</td><td><lod< td=""><td><lod< td=""><td>298.56</td><td>7.74</td><td>59.50</td><td>41.96 18.62</td><td>1173.92</td><td>115.34</td><td>699.30</td><td>104.82</td><td>110.51</td><td>40.39 259.35</td></lod<></td></lod<></td></lod>	10717.25	1919.29	<lod< td=""><td><lod< td=""><td>298.56</td><td>7.74</td><td>59.50</td><td>41.96 18.62</td><td>1173.92</td><td>115.34</td><td>699.30</td><td>104.82</td><td>110.51</td><td>40.39 259.35</td></lod<></td></lod<>	<lod< td=""><td>298.56</td><td>7.74</td><td>59.50</td><td>41.96 18.62</td><td>1173.92</td><td>115.34</td><td>699.30</td><td>104.82</td><td>110.51</td><td>40.39 259.35</td></lod<>	298.56	7.74	59.50	41.96 18.62	1173.92	115.34	699.30	104.82	110.51	40.39 259.35
EWR46	VER	Control	682874.94	236567.37	34869.51	<lod< td=""><td>7754.13</td><td>13661.09</td><td>371.92</td><td>11467.33</td><td>1759.37</td><td>18.68</td><td><lod< td=""><td>334.55</td><td>0.20</td><td>83.65</td><td>28.44 20.32</td><td>2601.02</td><td>106.56</td><td>2052.80</td><td>101.40</td><td>104.96</td><td>52.59 360.36</td></lod<></td></lod<>	7754.13	13661.09	371.92	11467.33	1759.37	18.68	<lod< td=""><td>334.55</td><td>0.20</td><td>83.65</td><td>28.44 20.32</td><td>2601.02</td><td>106.56</td><td>2052.80</td><td>101.40</td><td>104.96</td><td>52.59 360.36</td></lod<>	334.55	0.20	83.65	28.44 20.32	2601.02	106.56	2052.80	101.40	104.96	52.59 360.36
EWR47	VER	Control	558346.86	142158.60	23075.21	<lod< td=""><td>5045.10</td><td>10208.03</td><td>305.35</td><td>8798.08</td><td>3670.23</td><td>2156.76</td><td><lod< td=""><td>468.62 2</td><td>3.87</td><td>37.49</td><td>20.39 11.57</td><td>19777.83</td><td>93.27</td><td>18652.56</td><td>64.08</td><td>48.49</td><td>59.98 257.01</td></lod<></td></lod<>	5045.10	10208.03	305.35	8798.08	3670.23	2156.76	<lod< td=""><td>468.62 2</td><td>3.87</td><td>37.49</td><td>20.39 11.57</td><td>19777.83</td><td>93.27</td><td>18652.56</td><td>64.08</td><td>48.49</td><td>59.98 257.01</td></lod<>	468.62 2	3.87	37.49	20.39 11.57	19777.83	93.27	18652.56	64.08	48.49	59.98 257.01
EWR48	VER	Control	653983.46	177914.26	26037.90	<lod< td=""><td>6760.49</td><td>12579.11</td><td><lod< td=""><td>9833.07</td><td>551.96</td><td><lod< td=""><td><lod< td=""><td>299.91 -1</td><td>3.63</td><td>53.13</td><td>18.41 15.57</td><td>311.70</td><td>107.38</td><td>-121.27</td><td>93.00</td><td>88.89</td><td>30.64 316.41</td></lod<></td></lod<></td></lod<></td></lod<>	6760.49	12579.11	<lod< td=""><td>9833.07</td><td>551.96</td><td><lod< td=""><td><lod< td=""><td>299.91 -1</td><td>3.63</td><td>53.13</td><td>18.41 15.57</td><td>311.70</td><td>107.38</td><td>-121.27</td><td>93.00</td><td>88.89</td><td>30.64 316.41</td></lod<></td></lod<></td></lod<>	9833.07	551.96	<lod< td=""><td><lod< td=""><td>299.91 -1</td><td>3.63</td><td>53.13</td><td>18.41 15.57</td><td>311.70</td><td>107.38</td><td>-121.27</td><td>93.00</td><td>88.89</td><td>30.64 316.41</td></lod<></td></lod<>	<lod< td=""><td>299.91 -1</td><td>3.63</td><td>53.13</td><td>18.41 15.57</td><td>311.70</td><td>107.38</td><td>-121.27</td><td>93.00</td><td>88.89</td><td>30.64 316.41</td></lod<>	299.91 -1	3.63	53.13	18.41 15.57	311.70	107.38	-121.27	93.00	88.89	30.64 316.41
EWR49	VER	Control	731569.45	255194.14	36605.19	<lod< td=""><td>7821.66</td><td>12683.17</td><td><lod td="" ·<=""><td>11266.34</td><td>701.04</td><td>42.07</td><td><lod< td=""><td>315.38</td><td>7.90</td><td>82.74</td><td>30.64 18.07</td><td>2252.90</td><td>109.12</td><td>616.12</td><td>97.42</td><td>122.41</td><td>33.71 301.49</td></lod<></td></lod></td></lod<>	7821.66	12683.17	<lod td="" ·<=""><td>11266.34</td><td>701.04</td><td>42.07</td><td><lod< td=""><td>315.38</td><td>7.90</td><td>82.74</td><td>30.64 18.07</td><td>2252.90</td><td>109.12</td><td>616.12</td><td>97.42</td><td>122.41</td><td>33.71 301.49</td></lod<></td></lod>	11266.34	701.04	42.07	<lod< td=""><td>315.38</td><td>7.90</td><td>82.74</td><td>30.64 18.07</td><td>2252.90</td><td>109.12</td><td>616.12</td><td>97.42</td><td>122.41</td><td>33.71 301.49</td></lod<>	315.38	7.90	82.74	30.64 18.07	2252.90	109.12	616.12	97.42	122.41	33.71 301.49
EWR50	VER	Control	670363.01	234552.69	36887.46	<lod< td=""><td>7134.54</td><td>11851.06</td><td><lod< td=""><td>9991.48</td><td>554.71</td><td><lod< td=""><td><lod< td=""><td>293.90</td><td>7.95</td><td>65.56</td><td>38.03 16.79</td><td>1267.33</td><td>112.63</td><td>280.47</td><td>99.88</td><td>82.77</td><td>45.94 293.88</td></lod<></td></lod<></td></lod<></td></lod<>	7134.54	11851.06	<lod< td=""><td>9991.48</td><td>554.71</td><td><lod< td=""><td><lod< td=""><td>293.90</td><td>7.95</td><td>65.56</td><td>38.03 16.79</td><td>1267.33</td><td>112.63</td><td>280.47</td><td>99.88</td><td>82.77</td><td>45.94 293.88</td></lod<></td></lod<></td></lod<>	9991.48	554.71	<lod< td=""><td><lod< td=""><td>293.90</td><td>7.95</td><td>65.56</td><td>38.03 16.79</td><td>1267.33</td><td>112.63</td><td>280.47</td><td>99.88</td><td>82.77</td><td>45.94 293.88</td></lod<></td></lod<>	<lod< td=""><td>293.90</td><td>7.95</td><td>65.56</td><td>38.03 16.79</td><td>1267.33</td><td>112.63</td><td>280.47</td><td>99.88</td><td>82.77</td><td>45.94 293.88</td></lod<>	293.90	7.95	65.56	38.03 16.79	1267.33	112.63	280.47	99.88	82.77	45.94 293.88
EDM1-1	VER	Control	567977.96	165337.06	41830.01	<lod< td=""><td>8176.08</td><td>18975.90</td><td>138.33</td><td>9839.57</td><td>6076.78</td><td>27.30</td><td>-6.17</td><td>330.75</td><td>5.83</td><td>99.45</td><td>56.51 13.73</td><td>3040.87</td><td>130.15</td><td>3315.30</td><td>77.63</td><td>128.16</td><td>399.22 301.03</td></lod<>	8176.08	18975.90	138.33	9839.57	6076.78	27.30	-6.17	330.75	5.83	99.45	56.51 13.73	3040.87	130.15	3315.30	77.63	128.16	399.22 301.03
EDM1-2	VER	Control	537637.13	162589.07	64196.01	<lod< td=""><td>8066.62</td><td>17126.82</td><td>751.56</td><td>8178.78</td><td>1895.60</td><td>250.51</td><td>-5.00</td><td>299.44</td><td>0.35</td><td>64.23</td><td>66.93 14.87</td><td>3984.58</td><td>128.30</td><td>5895.40</td><td>78.46</td><td>130.09</td><td>57.64 330.35</td></lod<>	8066.62	17126.82	751.56	8178.78	1895.60	250.51	-5.00	299.44	0.35	64.23	66.93 14.87	3984.58	128.30	5895.40	78.46	130.09	57.64 330.35
EDM1-3	VER	Control	665322.03	206203.51	29557.03	<lod< td=""><td>8218.47</td><td>19165.42</td><td>79.58</td><td>9712.20</td><td>668.31</td><td>3.61</td><td>6.97</td><td>335.47</td><td>1.68</td><td>67.75</td><td>73.40 16.25</td><td>252.66</td><td>141.99</td><td>489.32</td><td>107.06</td><td>94.40</td><td>34.42 287.68</td></lod<>	8218.47	19165.42	79.58	9712.20	668.31	3.61	6.97	335.47	1.68	67.75	73.40 16.25	252.66	141.99	489.32	107.06	94.40	34.42 287.68
EDM1-4	VER	Control	705734.88	214716.76	33957.78	<lod< td=""><td>9053.08</td><td>19101.18</td><td>89.91</td><td>10198.76</td><td>1159.02</td><td>2.31</td><td>5.33</td><td>361.38</td><td>2.29</td><td>64.79</td><td>92.16 19.32</td><td>271.09</td><td>148.83</td><td>545.53</td><td>120.42</td><td>100.52</td><td>50.41 311.56</td></lod<>	9053.08	19101.18	89.91	10198.76	1159.02	2.31	5.33	361.38	2.29	64.79	92.16 19.32	271.09	148.83	545.53	120.42	100.52	50.41 311.56
EDM1-5	VER	Control	723740.49	219740.57	44002.00	<lod< td=""><td>8087.35</td><td>18805.17</td><td>164.72</td><td>9982.27</td><td>543.20</td><td><lod< td=""><td>-1.81</td><td>300.57</td><td>1.53</td><td>79.32</td><td>81.20 19.00</td><td>960.14</td><td>144.95</td><td>-163.68</td><td>97.21</td><td>103.57</td><td>64.52 263.12</td></lod<></td></lod<>	8087.35	18805.17	164.72	9982.27	543.20	<lod< td=""><td>-1.81</td><td>300.57</td><td>1.53</td><td>79.32</td><td>81.20 19.00</td><td>960.14</td><td>144.95</td><td>-163.68</td><td>97.21</td><td>103.57</td><td>64.52 263.12</td></lod<>	-1.81	300.57	1.53	79.32	81.20 19.00	960.14	144.95	-163.68	97.21	103.57	64.52 263.12
EDM1-6	VER	Control	634258.16	192707.03	37070.60	<lod< td=""><td>7937.07</td><td>18540.03</td><td><lod '<="" td=""><td>10313.60</td><td>2368.06</td><td>51.12</td><td>-8.05</td><td>388.44</td><td>5.39</td><td>93.01</td><td>77.23 14.84</td><td>746.17</td><td>130.85</td><td>1364.51</td><td>108.27</td><td>107.50</td><td>71.17 274.36</td></lod></td></lod<>	7937.07	18540.03	<lod '<="" td=""><td>10313.60</td><td>2368.06</td><td>51.12</td><td>-8.05</td><td>388.44</td><td>5.39</td><td>93.01</td><td>77.23 14.84</td><td>746.17</td><td>130.85</td><td>1364.51</td><td>108.27</td><td>107.50</td><td>71.17 274.36</td></lod>	10313.60	2368.06	51.12	-8.05	388.44	5.39	93.01	77.23 14.84	746.17	130.85	1364.51	108.27	107.50	71.17 274.36
EDM1-7	VER	Control	548532.47	145803.80	21264.69	<lod< td=""><td>8942.79</td><td>24136.36</td><td>412.61</td><td>6850.66</td><td>2446.45</td><td>3608.81</td><td>43.90</td><td>563.41 2</td><td>1.53</td><td>53.26</td><td>69.28 10.29</td><td>21905.90</td><td>137.87</td><td>29512.48</td><td>80.69</td><td>37.28</td><td>254.42 249.83</td></lod<>	8942.79	24136.36	412.61	6850.66	2446.45	3608.81	43.90	563.41 2	1.53	53.26	69.28 10.29	21905.90	137.87	29512.48	80.69	37.28	254.42 249.83
EDM1-8	VER	Control	668568.30	210157.41	35294.17	<lod< td=""><td>7639.34</td><td>18652.71</td><td><lod< td=""><td>9141.10</td><td>582.06</td><td><lod< td=""><td>-23.43</td><td>282.96</td><td>1.06</td><td>66.00</td><td>63.73 15.03</td><td>4410.62</td><td>142.18</td><td>1008.42</td><td>107.32</td><td>96.78</td><td>63.66 293.90</td></lod<></td></lod<></td></lod<>	7639.34	18652.71	<lod< td=""><td>9141.10</td><td>582.06</td><td><lod< td=""><td>-23.43</td><td>282.96</td><td>1.06</td><td>66.00</td><td>63.73 15.03</td><td>4410.62</td><td>142.18</td><td>1008.42</td><td>107.32</td><td>96.78</td><td>63.66 293.90</td></lod<></td></lod<>	9141.10	582.06	<lod< td=""><td>-23.43</td><td>282.96</td><td>1.06</td><td>66.00</td><td>63.73 15.03</td><td>4410.62</td><td>142.18</td><td>1008.42</td><td>107.32</td><td>96.78</td><td>63.66 293.90</td></lod<>	-23.43	282.96	1.06	66.00	63.73 15.03	4410.62	142.18	1008.42	107.32	96.78	63.66 293.90
EDM1-9	VER	Control	515256.73	148214.48	31469.71	<lod< td=""><td>7942.30</td><td>17337.04</td><td><lod< td=""><td>9371.60</td><td>2018.25</td><td>13.70</td><td>12.83</td><td>410.46</td><td>3.40</td><td>92.00</td><td>62.91 13.90</td><td>1120.98</td><td>124.60</td><td>1183.84</td><td>87.70</td><td>90.76</td><td>50.25 252.63</td></lod<></td></lod<>	7942.30	17337.04	<lod< td=""><td>9371.60</td><td>2018.25</td><td>13.70</td><td>12.83</td><td>410.46</td><td>3.40</td><td>92.00</td><td>62.91 13.90</td><td>1120.98</td><td>124.60</td><td>1183.84</td><td>87.70</td><td>90.76</td><td>50.25 252.63</td></lod<>	9371.60	2018.25	13.70	12.83	410.46	3.40	92.00	62.91 13.90	1120.98	124.60	1183.84	87.70	90.76	50.25 252.63
EDM1-10	VER	Control	567639.77	163366.80	38074.51	<lod< td=""><td>7911.18</td><td>18092.09</td><td>91.52</td><td>9679.71</td><td>2199.71</td><td>85.31</td><td>1.65</td><td>305.99</td><td>2.96</td><td>74.89</td><td>62.93 14.57</td><td>2772.53</td><td>119.82</td><td>3422.92</td><td>79.70</td><td>108.72</td><td>243.43 275.87</td></lod<>	7911.18	18092.09	91.52	9679.71	2199.71	85.31	1.65	305.99	2.96	74.89	62.93 14.57	2772.53	119.82	3422.92	79.70	108.72	243.43 275.87
EDM1-11	VER	Control	617089.28	172422.55	37388.04	<lod< td=""><td>7352.07</td><td>20749.02</td><td>116.30</td><td>10341.66</td><td>2844.97</td><td>23.08</td><td>18.08</td><td>390.23</td><td>0.55</td><td>111.62</td><td>17.64 15.28</td><td>1316.52</td><td>137.45</td><td>1973.51</td><td>80.59</td><td>132.07</td><td>76.73 362.45</td></lod<>	7352.07	20749.02	116.30	10341.66	2844.97	23.08	18.08	390.23	0.55	111.62	17.64 15.28	1316.52	137.45	1973.51	80.59	132.07	76.73 362.45
EDM1-12	VER	Control	634438.98	208045.65	35383.26	<lod< td=""><td>8658.26</td><td>19126.92</td><td>100.74</td><td>9444.59</td><td>499.71</td><td>50.13</td><td>13.20</td><td>381.83</td><td>0.53</td><td>104.95</td><td>44.41 15.62</td><td>1231.91</td><td>143.26</td><td>1501.63</td><td>106.44</td><td>148.69</td><td>48.00 277.96</td></lod<>	8658.26	19126.92	100.74	9444.59	499.71	50.13	13.20	381.83	0.53	104.95	44.41 15.62	1231.91	143.26	1501.63	106.44	148.69	48.00 277.96
EDM1-13	VER	Control	689907.51	223152.46	30824.69	<lod< td=""><td>8636.56</td><td>19605.95</td><td><lod< td=""><td>9638.85</td><td>1012.35</td><td>50.13</td><td>-3.87</td><td>334.77</td><td>4.39</td><td>87.67</td><td>37.81 16.67</td><td>322.05</td><td>144.24</td><td>329.13</td><td>106.56</td><td>120.36</td><td>45.33 297.49</td></lod<></td></lod<>	8636.56	19605.95	<lod< td=""><td>9638.85</td><td>1012.35</td><td>50.13</td><td>-3.87</td><td>334.77</td><td>4.39</td><td>87.67</td><td>37.81 16.67</td><td>322.05</td><td>144.24</td><td>329.13</td><td>106.56</td><td>120.36</td><td>45.33 297.49</td></lod<>	9638.85	1012.35	50.13	-3.87	334.77	4.39	87.67	37.81 16.67	322.05	144.24	329.13	106.56	120.36	45.33 297.49
EDM1-14	VER	Control	466216.05	124106.54	38605.87	<lod< td=""><td>7727.24</td><td>18910.39</td><td>245.55</td><td>8567.85</td><td>2138.94</td><td>208.05</td><td>2.81</td><td>313.01</td><td>1.04</td><td>105.55</td><td>35.44 13.28</td><td>3306.62</td><td>136.22</td><td>4262.85</td><td>98.28</td><td>105.62</td><td>45.16 327.85</td></lod<>	7727.24	18910.39	245.55	8567.85	2138.94	208.05	2.81	313.01	1.04	105.55	35.44 13.28	3306.62	136.22	4262.85	98.28	105.62	45.16 327.85
EDM1-15	VER	Control	602454.85	186723.01	36194.09	<lod< td=""><td>7213.45</td><td>19557.64</td><td>126.94</td><td>9462.39</td><td>3007.94</td><td>57.15</td><td>7.90</td><td>391.46</td><td>3.63</td><td>89.69</td><td>40.57 14.95</td><td>1533.91</td><td>133.93</td><td>832.36</td><td>97.23</td><td>121.06</td><td>45.27 285.12</td></lod<>	7213.45	19557.64	126.94	9462.39	3007.94	57.15	7.90	391.46	3.63	89.69	40.57 14.95	1533.91	133.93	832.36	97.23	121.06	45.27 285.12
EDM1-16	VER	Control	641571.19	181834.95	35881.94	<lod< td=""><td>7630.40</td><td>18798.44</td><td>93.30</td><td>9894.15</td><td>2612.78</td><td>4.72</td><td>-1.90</td><td>314.79</td><td>2.17</td><td>75.12</td><td>38.17 17.15</td><td>1414.28</td><td>137.08</td><td>1633.51</td><td>107.68</td><td>94.97</td><td>60.74 257.49</td></lod<>	7630.40	18798.44	93.30	9894.15	2612.78	4.72	-1.90	314.79	2.17	75.12	38.17 17.15	1414.28	137.08	1633.51	107.68	94.97	60.74 257.49
EDM1-17	VER	Control	682175.22	210159.30	40648.90	<lod< td=""><td>7696.77</td><td>19452.20</td><td>160.14</td><td>9903.61</td><td>667.79</td><td>4.99</td><td>-3.82</td><td>356.38</td><td>0.28</td><td>104.10</td><td>43.02 17.02</td><td>136.48</td><td>146.47</td><td>146.61</td><td>110.57</td><td>154.94</td><td>46.98 291.72</td></lod<>	7696.77	19452.20	160.14	9903.61	667.79	4.99	-3.82	356.38	0.28	104.10	43.02 17.02	136.48	146.47	146.61	110.57	154.94	46.98 291.72
EDM1-18	VER	Control	493938.13	144598.91	32116.86	<lod< td=""><td>8495.89</td><td>23361.81</td><td>261.90</td><td>6287.75</td><td>2827.97</td><td>2284.81</td><td>34.15</td><td>440.83 1</td><td>4.58</td><td>69.07</td><td>18.93 9.45</td><td>16019.57</td><td>134.61</td><td>30157.92</td><td>85.07</td><td>122.09</td><td>117.21 271.92</td></lod<>	8495.89	23361.81	261.90	6287.75	2827.97	2284.81	34.15	440.83 1	4.58	69.07	18.93 9.45	16019.57	134.61	30157.92	85.07	122.09	117.21 271.92
EDM1-19	VER	Control	610808.76	173464.02	36051.52	<lod< td=""><td>7331.32</td><td>20547.14</td><td>100.28</td><td>9193.62</td><td>873.33</td><td>17.00</td><td>3.27</td><td>335.44</td><td>0.58</td><td>97.62</td><td>34.58 14.84</td><td>919.35</td><td>137.15</td><td>2684.84</td><td>97.36</td><td>126.74</td><td>58.22 321.07</td></lod<>	7331.32	20547.14	100.28	9193.62	873.33	17.00	3.27	335.44	0.58	97.62	34.58 14.84	919.35	137.15	2684.84	97.36	126.74	58.22 321.07
EDM1-20	VER	Control	645376.01	210940.33	41885.87	<lod< td=""><td>7712.83</td><td>20132.00</td><td><lod< td=""><td>9804.13</td><td>931.67</td><td>15.10</td><td>-26.85</td><td>290.65</td><td>6.18</td><td>97.54</td><td>42.83 15.69</td><td>292.70</td><td>145.89</td><td>383.76</td><td>125.51</td><td>142.74</td><td>52.65 279.78</td></lod<></td></lod<>	7712.83	20132.00	<lod< td=""><td>9804.13</td><td>931.67</td><td>15.10</td><td>-26.85</td><td>290.65</td><td>6.18</td><td>97.54</td><td>42.83 15.69</td><td>292.70</td><td>145.89</td><td>383.76</td><td>125.51</td><td>142.74</td><td>52.65 279.78</td></lod<>	9804.13	931.67	15.10	-26.85	290.65	6.18	97.54	42.83 15.69	292.70	145.89	383.76	125.51	142.74	52.65 279.78
EDM1-21	VER	Control	642823.41	196271.25	37088.17	<lod< td=""><td>8431.63</td><td>20051.68</td><td>100.12</td><td>8979.09</td><td>2647.22</td><td>116.63</td><td>-3.96</td><td>329.03</td><td>3.99</td><td>86.36</td><td>43.85 18.13</td><td>928.65</td><td>139.71</td><td>4155.30</td><td>92.72</td><td>152.78</td><td>-16.19 343.27</td></lod<>	8431.63	20051.68	100.12	8979.09	2647.22	116.63	-3.96	329.03	3.99	86.36	43.85 18.13	928.65	139.71	4155.30	92.72	152.78	-16.19 343.27
EDM1-22	VER	Control	658990.86	203202.85	28246.14	<lod< td=""><td>7448.75</td><td>18783.65</td><td>35.86</td><td>9858.33</td><td>1312.02</td><td>2096.79</td><td>16.71</td><td>226.40</td><td>1.61</td><td>77.03</td><td>23.96 15.91</td><td>13881.54</td><td>127.24</td><td>2519.69</td><td>82.72</td><td>71.63</td><td>37.34 273.62</td></lod<>	7448.75	18783.65	35.86	9858.33	1312.02	2096.79	16.71	226.40	1.61	77.03	23.96 15.91	13881.54	127.24	2519.69	82.72	71.63	37.34 273.62
EDM1-23	VER	Control	567169.72	171072.95	33478.95	<lod< td=""><td>7838.34</td><td>18072.93</td><td>26.59</td><td>9147.77</td><td>273.50</td><td>111.84</td><td>4.79</td><td>376.54</td><td>1.02</td><td>83.67</td><td>54.37 16.32</td><td>1322.17</td><td>134.05</td><td>1691.90</td><td>93.93</td><td>124.69</td><td>-37.20 290.35</td></lod<>	7838.34	18072.93	26.59	9147.77	273.50	111.84	4.79	376.54	1.02	83.67	54.37 16.32	1322.17	134.05	1691.90	93.93	124.69	-37.20 290.35
EDM1-24	VER	Control	643209.44	222780.34	41842.72	<lod< td=""><td>7789.84</td><td>20409.00</td><td>78.18</td><td>10805.53</td><td>1716.61</td><td>-1.44</td><td>4.61</td><td>396.98</td><td>3.84</td><td>116.24</td><td>31.24 16.71</td><td>723.28</td><td>134.06</td><td>511.88</td><td>100.63</td><td>128.72</td><td>-6.34 306.12</td></lod<>	7789.84	20409.00	78.18	10805.53	1716.61	-1.44	4.61	396.98	3.84	116.24	31.24 16.71	723.28	134.06	511.88	100.63	128.72	-6.34 306.12
EDM1-25	VER	Control	625726.34	180379.81	34964.89	<lod< td=""><td>7553.69</td><td>18469.55</td><td>123.07</td><td>9694.06</td><td>1658.59</td><td><lod< td=""><td>-1.90</td><td>275.76</td><td>0.22</td><td>76.68</td><td>28.67 15.88</td><td>3699,02</td><td>124.47</td><td>3433.36</td><td>80.79</td><td>93.28</td><td>-27.37 277.19</td></lod<></td></lod<>	7553.69	18469.55	123.07	9694.06	1658.59	<lod< td=""><td>-1.90</td><td>275.76</td><td>0.22</td><td>76.68</td><td>28.67 15.88</td><td>3699,02</td><td>124.47</td><td>3433.36</td><td>80.79</td><td>93.28</td><td>-27.37 277.19</td></lod<>	-1.90	275.76	0.22	76.68	28.67 15.88	3699,02	124.47	3433.36	80.79	93.28	-27.37 277.19
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Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K ₂ O	*MnO	*TiO ₂	*P205	*As	*Ag	*Ba	*Bi	*Cr	*Cu	*Nb	*Pb	*Rb	*S	*Sr	*V	*Zn *Zr
EDM1-26	VER	Control	680234.61	204728.58	30948.63	<lod< td=""><td>7650.35</td><td>19128.35</td><td><lod< td=""><td>9347.33</td><td>1062.83</td><td>35.26</td><td>9.17 4</td><td>133.96</td><td>-8.14</td><td>83.35</td><td>47.05 1</td><td>15.64</td><td>453.49</td><td>141.73</td><td>1995.57</td><td>91.05</td><td>113.56</td><td>-26.95 356.78</td></lod<></td></lod<>	7650.35	19128.35	<lod< td=""><td>9347.33</td><td>1062.83</td><td>35.26</td><td>9.17 4</td><td>133.96</td><td>-8.14</td><td>83.35</td><td>47.05 1</td><td>15.64</td><td>453.49</td><td>141.73</td><td>1995.57</td><td>91.05</td><td>113.56</td><td>-26.95 356.78</td></lod<>	9347.33	1062.83	35.26	9.17 4	133.96	-8.14	83.35	47.05 1	15.64	453.49	141.73	1995.57	91.05	113.56	-26.95 356.78
EDM1-27	VER	Control	667464.34	209180.45	39884.69	<lod< td=""><td>8397.18</td><td>18447.12</td><td>470.28</td><td>10285.97</td><td>921.61</td><td>4180.58</td><td>18.45 2</td><td>21.71</td><td>-0.98</td><td>99.62</td><td>39.27 1</td><td>14.58</td><td>27815.24</td><td>125.80</td><td>2758.01</td><td>88.81</td><td>118.84</td><td>58.23 321.06</td></lod<>	8397.18	18447.12	470.28	10285.97	921.61	4180.58	18.45 2	21.71	-0.98	99.62	39.27 1	14.58	27815.24	125.80	2758.01	88.81	118.84	58.23 321.06
EDM1-28	VER	Control	529585.77	174524.10	39583.40	<lod< td=""><td>7750.20</td><td>18842.58</td><td>185.72</td><td>9679.38</td><td>2000.29</td><td>1493.93</td><td>-7.39 3</td><td>370.06</td><td>1.84</td><td>85.67</td><td>38.89 1</td><td>12.85</td><td>2606.20</td><td>123.36</td><td>1744.23</td><td>83.25</td><td>100.52</td><td>89.72 282.85</td></lod<>	7750.20	18842.58	185.72	9679.38	2000.29	1493.93	-7.39 3	370.06	1.84	85.67	38.89 1	12.85	2606.20	123.36	1744.23	83.25	100.52	89.72 282.85
EDM1-29	VER	Control	540722.43	169357.42	33045.02	<lod< td=""><td>8277.60</td><td>19101.32</td><td>222.25</td><td>9345.09</td><td>3317.88</td><td>1074.36</td><td>-0.28 3</td><td>368.00</td><td>-2.97</td><td>88.11</td><td>42.89</td><td>15.14</td><td>9032.18</td><td>130.68</td><td>20350.81</td><td>89.59</td><td>135.52</td><td>-5.47 295.02</td></lod<>	8277.60	19101.32	222.25	9345.09	3317.88	1074.36	-0.28 3	368.00	-2.97	88.11	42.89	15.14	9032.18	130.68	20350.81	89.59	135.52	-5.47 295.02
EDM1-30	VER	Control	579119.05	172667.75	42309.87	<lod< td=""><td>8529.39</td><td>20200.03</td><td>165.51</td><td>9562.00</td><td>2719.11</td><td>880.95</td><td>22.50 3</td><td>375.54</td><td>9.66</td><td>82.41</td><td>57.31</td><td>15.94</td><td>8088.79</td><td>131.18</td><td>8437.52</td><td>84.87</td><td>98.37</td><td>430.12 284.62</td></lod<>	8529.39	20200.03	165.51	9562.00	2719.11	880.95	22.50 3	375.54	9.66	82.41	57.31	15.94	8088.79	131.18	8437.52	84.87	98.37	430.12 284.62
EDM1-31	VER	Control	518906.88	151593.47	100842.36	<lod< td=""><td>8683.38</td><td>18541.21</td><td>286.41</td><td>9093.58</td><td>2674.17</td><td>119.74</td><td>21.40 4</td><td>43.56</td><td>-1.58</td><td>190.12</td><td>39.49</td><td>14.98</td><td>5059.55</td><td>121.86</td><td>3741.05</td><td>90.47</td><td>139.84</td><td>107.93 302.72</td></lod<>	8683.38	18541.21	286.41	9093.58	2674.17	119.74	21.40 4	43.56	-1.58	190.12	39.49	14.98	5059.55	121.86	3741.05	90.47	139.84	107.93 302.72
EDM1-32	VER	Control	613095.99	175650 73	30506.87		8292 35	20287 37	37.86	7989 15	626.40	12 90	-5 79 3	19.00	-4 84	103.28	28.84 1	12 78	1262.98	137 37	2109.87	87.05	74 24	61 15 330 14
EDM1-33	VER	Control	679057 74	216821 15	30940 23		7993.84	18122.83	71.57	9430 24	558 53	9.80	4 02 3	302 55	-1.55	88.37	53.85 1	17 73	412.26	139.99	1153 11	110.83	98.73	66.03 335.74
EDM1-34	VER	Control	639907.89	202728.81	39338.49		7793.43	20322.14	171 36	9975.01	1536 58		-3 53 3	869 15	4 94	145 24	41 29 1	17 11	3116 33	133 17	2438.92	98.20	122 54	90.25 360.08
EDM1-35	VER	Control	529653.29	191769.44	32788 12		8824 17	20574.46	294.00	7738.07	2224.96	255 58	11 70 4	122 93	4.92	130.52		9.63	5992 71	132 50	8500.25	61 55	118.06	99.61 296.94
EDM1-36		Control	580/07 73	174048.46	20/80.03		7723 10	18507.24	150.24	8551.01	1008 53	6 70	1 01 3	211 05	2 00	104.13	58 50 1	15 27	3057.77	118 74	3388.28	71 10	75.43	80.61 345 25
EDM1-37		Control	576961.40	1668/7.00	57024 01		8807.40	17060 34	156.02	8534 27	7363.00	20.07	13 // /	12/ 82	2.33	104.13	40.13 1	13.40	3590.70	121 38	3220.15	81.55	126.83	120 54 340 65
EDM1-38		Control	534538.97	154686.62	37003 37		0611 57	10027.00	208.82	7451 41	2114 52	1212 35	21 21 2	24.02	4.68	03 55	35.23	10.68	16778 /8	121.00	15450.45	82.86	82.78	66.09 278.31
EDM1 20		Control	507120.66	197500.02	42044 72		7750 02	10027.00	200.00	10020 60	4014.67	215.00	1 17 2	002 10	2.64	112 27	24.62 4	15 42	2016 10	122.04	2220.40	02.00	110.40	210.00 215.10
EDM1 40		Control	650124.02	212414 40	42044.73		0761 07	10023.90	120.09	10020.09	1156.00	£2.00	15 52 2	003.10	2.04	104.00	47.25 4	10.42	2010.19	132.94	2007.01	105.00	112.49	£1 22 220 66
EDIVI1-40		Control	624254.03	104706.00	36143.93		7702.72	19222.01	120.41	0546.26	1052.42	74.00	-10.02 2	00 20	4.70	104.99	47.33	10.24	5/1.24	101.04	4060.70	00.74	07.00	44.60 272.00
EDIVI1-41		Control	520780.02	164726.09	50391.74		0007.70	19/04.00	200.34	9516.30	1952.12	10.00	-21.03 2	200.39	7.52	109.30	37.92	10.00	5994.57 707.0F	101.04	4209.70	00.71	97.29	44.00 373.90
EDIVI1-42	VER	Control	529760.93	167550.55	50364.66		7404 75	17009.27	100.01	0000.00	1037.09	12.32	-5.01 3	00.04	-7.59	132.00	35.24	14.10	191.00	121.95	1000.40	01.07	00.24	04.00 211.23
EDM1-43	VER	Control	683618.40	215139.13	39880.26	<lod< td=""><td>7491.75</td><td>20311.61</td><td>100.24</td><td>10526.07</td><td>1010.63</td><td><lod< td=""><td>17.27 3</td><td>50.04</td><td>4.68</td><td>136.41</td><td>28.87</td><td>16.92</td><td>1941.01</td><td>135.21</td><td>1630.12</td><td>93.65</td><td>116.82</td><td>51.35 297.70</td></lod<></td></lod<>	7491.75	20311.61	100.24	10526.07	1010.63	<lod< td=""><td>17.27 3</td><td>50.04</td><td>4.68</td><td>136.41</td><td>28.87</td><td>16.92</td><td>1941.01</td><td>135.21</td><td>1630.12</td><td>93.65</td><td>116.82</td><td>51.35 297.70</td></lod<>	17.27 3	50.04	4.68	136.41	28.87	16.92	1941.01	135.21	1630.12	93.65	116.82	51.35 297.70
EDM1-44	VER	Control	677703.96	195923.82	29411.16	<lod< td=""><td>8989.28</td><td>20234.18</td><td><lod< td=""><td>9968.05</td><td>1370.56</td><td>32.00</td><td>22.15 3</td><td>58.08</td><td>-3.87</td><td>98.95</td><td>56.08</td><td>18.64</td><td>442.33</td><td>145.97</td><td>1233.33</td><td>124.27</td><td>106.01</td><td>42.58 303.42</td></lod<></td></lod<>	8989.28	20234.18	<lod< td=""><td>9968.05</td><td>1370.56</td><td>32.00</td><td>22.15 3</td><td>58.08</td><td>-3.87</td><td>98.95</td><td>56.08</td><td>18.64</td><td>442.33</td><td>145.97</td><td>1233.33</td><td>124.27</td><td>106.01</td><td>42.58 303.42</td></lod<>	9968.05	1370.56	32.00	22.15 3	58.08	-3.87	98.95	56.08	18.64	442.33	145.97	1233.33	124.27	106.01	42.58 303.42
EDM1-45	VER	Control	645185.52	211400.69	29671.40	<lod< td=""><td>10074.83</td><td>20672.39</td><td>58.83</td><td>8781.98</td><td>965.12</td><td>791.41</td><td>0.85 3</td><td>342.74</td><td>8.24</td><td>91.23</td><td>64.46</td><td>15.87</td><td>5950.04</td><td>144.20</td><td>3818.50</td><td>101.12</td><td>102.94</td><td>38.86 286.80</td></lod<>	10074.83	20672.39	58.83	8781.98	965.12	791.41	0.85 3	342.74	8.24	91.23	64.46	15.87	5950.04	144.20	3818.50	101.12	102.94	38.86 286.80
EDM1-46	VER	Control	559938.67	169124.03	51263.67	<lod< td=""><td>7831.17</td><td>18970.01</td><td>192.51</td><td>9562.30</td><td>987.87</td><td>69.49</td><td>22.09 3</td><td>347.69</td><td>5.48</td><td>136.34</td><td>43.82</td><td>16.49</td><td>3967.53</td><td>130.27</td><td>4253.12</td><td>97.02</td><td>98.38</td><td>101.86 306.67</td></lod<>	7831.17	18970.01	192.51	9562.30	987.87	69.49	22.09 3	347.69	5.48	136.34	43.82	16.49	3967.53	130.27	4253.12	97.02	98.38	101.86 306.67
EDM1-47	VER	Control	578781.54	177552.17	39152.15	<lod< td=""><td>9733.97</td><td>18460.05</td><td>73.96</td><td>8760.76</td><td>3049.39</td><td><lod< td=""><td>7.67 3</td><td>364.00</td><td>-1.39</td><td>123.81</td><td>42.02</td><td>15.79</td><td>1214.83</td><td>131.29</td><td>3227.14</td><td>98.09</td><td>80.51</td><td>49.76 273.84</td></lod<></td></lod<>	9733.97	18460.05	73.96	8760.76	3049.39	<lod< td=""><td>7.67 3</td><td>364.00</td><td>-1.39</td><td>123.81</td><td>42.02</td><td>15.79</td><td>1214.83</td><td>131.29</td><td>3227.14</td><td>98.09</td><td>80.51</td><td>49.76 273.84</td></lod<>	7.67 3	364.00	-1.39	123.81	42.02	15.79	1214.83	131.29	3227.14	98.09	80.51	49.76 273.84
EDM1-48	VER	Control	643780.68	206909.14	30683.26	<lod< td=""><td>8686.89</td><td>19332.95</td><td><lod< td=""><td>9521.84</td><td>204.71</td><td>9.41</td><td>-0.40 3</td><td>340.65</td><td>-3.85</td><td>115.25</td><td>66.26</td><td>16.90</td><td>373.64</td><td>142.03</td><td>2709.10</td><td>103.20</td><td>109.05</td><td>32.40 281.27</td></lod<></td></lod<>	8686.89	19332.95	<lod< td=""><td>9521.84</td><td>204.71</td><td>9.41</td><td>-0.40 3</td><td>340.65</td><td>-3.85</td><td>115.25</td><td>66.26</td><td>16.90</td><td>373.64</td><td>142.03</td><td>2709.10</td><td>103.20</td><td>109.05</td><td>32.40 281.27</td></lod<>	9521.84	204.71	9.41	-0.40 3	340.65	-3.85	115.25	66.26	16.90	373.64	142.03	2709.10	103.20	109.05	32.40 281.27
EDM1-49	VER	Control	620764.12	192123.53	31705.97	<lod< td=""><td>7797.19</td><td>18794.36</td><td>56.83</td><td>9179.54</td><td>692.76</td><td>18.57</td><td>19.46 3</td><td>371.47</td><td>-3.75</td><td>118.00</td><td>50.93</td><td>14.82</td><td>640.70</td><td>134.12</td><td>1946.92</td><td>95.11</td><td>77.30</td><td>35.70 280.91</td></lod<>	7797.19	18794.36	56.83	9179.54	692.76	18.57	19.46 3	371.47	-3.75	118.00	50.93	14.82	640.70	134.12	1946.92	95.11	77.30	35.70 280.91
EDM1-50	VER	Control	644546.15	181429.92	23924.11	<lod< td=""><td>8121.79</td><td>17335.13</td><td>308.79</td><td>9107.91</td><td>921.97</td><td>4619.94</td><td>73.82 3</td><td>338.02</td><td>8.89</td><td>75.50</td><td>42.54 1</td><td>16.46</td><td>37063.70</td><td>127.83</td><td>1853.12</td><td>74.08</td><td>73.25</td><td>44.80 362.32</td></lod<>	8121.79	17335.13	308.79	9107.91	921.97	4619.94	73.82 3	338.02	8.89	75.50	42.54 1	16.46	37063.70	127.83	1853.12	74.08	73.25	44.80 362.32
HAR1-1	VER	Control	648035.96	192512.32	27951.84	<lod< td=""><td>10622.29</td><td>18095.11</td><td>41.47</td><td>9558.28</td><td>1471.82</td><td>1.85</td><td>-3.69 3</td><td>34.92</td><td>-5.88</td><td>105.82</td><td>72.00</td><td>19.43</td><td>137.22</td><td>136.45</td><td>621.51</td><td>105.32</td><td>110.18</td><td>53.31 279.24</td></lod<>	10622.29	18095.11	41.47	9558.28	1471.82	1.85	-3.69 3	34.92	-5.88	105.82	72.00	19.43	137.22	136.45	621.51	105.32	110.18	53.31 279.24
HAR1-2	VER	Control	609632.16	181811.18	27248.17	<lod< td=""><td>7438.02</td><td>17304.92</td><td><lod< td=""><td>9096.97</td><td>3395.03</td><td>89.55</td><td>-3.68 3</td><td>335.17</td><td>-3.59</td><td>76.12</td><td>50.57 1</td><td>14.24</td><td>1198.14</td><td>142.20</td><td>5054.69</td><td>86.81</td><td>247.74</td><td>39.28 269.52</td></lod<></td></lod<>	7438.02	17304.92	<lod< td=""><td>9096.97</td><td>3395.03</td><td>89.55</td><td>-3.68 3</td><td>335.17</td><td>-3.59</td><td>76.12</td><td>50.57 1</td><td>14.24</td><td>1198.14</td><td>142.20</td><td>5054.69</td><td>86.81</td><td>247.74</td><td>39.28 269.52</td></lod<>	9096.97	3395.03	89.55	-3.68 3	335.17	-3.59	76.12	50.57 1	14.24	1198.14	142.20	5054.69	86.81	247.74	39.28 269.52
HAR1-3	VER	Control	415455.37	110744.92	15301.52	<lod< td=""><td>10888.87</td><td>16302.31</td><td>162.80</td><td>5332.52</td><td>6462.80</td><td>4429.88</td><td>13.35 4</td><td>26.53</td><td>18.23</td><td>23.25</td><td>53.50 1</td><td>10.90</td><td>19575.33</td><td>133.08</td><td>59436.66</td><td>92.36</td><td>429.81</td><td>50.91 241.13</td></lod<>	10888.87	16302.31	162.80	5332.52	6462.80	4429.88	13.35 4	26.53	18.23	23.25	53.50 1	10.90	19575.33	133.08	59436.66	92.36	429.81	50.91 241.13
HAR1-4	VER	Control	522082.14	148179.32	28564.00	<lod< td=""><td>9670.41</td><td>16653.33</td><td>39.81</td><td>8187.46</td><td>5511.06</td><td>1097.87</td><td>0.81 3</td><td>328.13</td><td>-2.68</td><td>64.91</td><td>42.58 1</td><td>10.57</td><td>6064.61</td><td>133.15</td><td>20975.02</td><td>85.90</td><td>151.62</td><td>42.15 246.16</td></lod<>	9670.41	16653.33	39.81	8187.46	5511.06	1097.87	0.81 3	328.13	-2.68	64.91	42.58 1	10.57	6064.61	133.15	20975.02	85.90	151.62	42.15 246.16
HAR1-5	VER	Control	577373.66	161153.33	28060.68	<lod< td=""><td>10541.35</td><td>17183.80</td><td>210.94</td><td>8833.79</td><td>4552.81</td><td>5.42</td><td>0.39 3</td><td>869.24</td><td>-6.83</td><td>64.09</td><td>37.64 1</td><td>13.18</td><td>604.90</td><td>137.53</td><td>3051.15</td><td>93.49</td><td>92.80</td><td>49.18 262.45</td></lod<>	10541.35	17183.80	210.94	8833.79	4552.81	5.42	0.39 3	869.24	-6.83	64.09	37.64 1	13.18	604.90	137.53	3051.15	93.49	92.80	49.18 262.45
HAR1-6	VER	Control	545708.02	160348.88	31452.02	<lod< td=""><td>9547.91</td><td>17484.40</td><td>49.29</td><td>8680.07</td><td>3459.62</td><td>30.60</td><td>-7.44 3</td><td>364.92</td><td>-1.79</td><td>81.41</td><td>37.84 1</td><td>14.03</td><td>3474.37</td><td>138.22</td><td>5811.77</td><td>98.45</td><td>120.10</td><td>49.96 274.67</td></lod<>	9547.91	17484.40	49.29	8680.07	3459.62	30.60	-7.44 3	364.92	-1.79	81.41	37.84 1	14.03	3474.37	138.22	5811.77	98.45	120.10	49.96 274.67
HAR1-7	VER	Control	614788.66	203557.57	28166.17	<lod< td=""><td>11679.49</td><td>18426.64</td><td>64.90</td><td>9059.54</td><td>3737.39</td><td>62.68</td><td>-3.41 3</td><td>353.53</td><td>-1.68</td><td>79.65</td><td>50.00 1</td><td>15.75</td><td>2766.83</td><td>141.88</td><td>9883.61</td><td>95.49</td><td>381.74</td><td>37.33 308.74</td></lod<>	11679.49	18426.64	64.90	9059.54	3737.39	62.68	-3.41 3	353.53	-1.68	79.65	50.00 1	15.75	2766.83	141.88	9883.61	95.49	381.74	37.33 308.74
HAR1-8	VER	Control	663801.19	201793.78	28427.04	<lod< td=""><td>9671.72</td><td>17873.04</td><td>45.06</td><td>10393.24</td><td>2648.28</td><td>69.93</td><td>-0.33 3</td><td>868.98</td><td>-1.69</td><td>79.36</td><td>62.24 1</td><td>17.91</td><td>1081.02</td><td>142.55</td><td>1927.34</td><td>113.19</td><td>196.00</td><td>42.38 290.11</td></lod<>	9671.72	17873.04	45.06	10393.24	2648.28	69.93	-0.33 3	868.98	-1.69	79.36	62.24 1	17.91	1081.02	142.55	1927.34	113.19	196.00	42.38 290.11
HAR1-9	VER	Control	591022.48	173547.40	25705.48	<lod< td=""><td>9640.00</td><td>17679.89</td><td>31.96</td><td>8516.66</td><td>2963.92</td><td>553.25</td><td>-23.05 3</td><td>815.64</td><td>10.23</td><td>59.42</td><td>50.86 1</td><td>13.73</td><td>5161.00</td><td>138.05</td><td>6488.59</td><td>85.25</td><td>124.37</td><td>39.09 287.62</td></lod<>	9640.00	17679.89	31.96	8516.66	2963.92	553.25	-23.05 3	815.64	10.23	59.42	50.86 1	13.73	5161.00	138.05	6488.59	85.25	124.37	39.09 287.62
HAR1-10	VER	Control	562526.70	152626.82	15573.17	<lod< td=""><td>9715.07</td><td>16745.92</td><td>338.18</td><td>7008.76</td><td>3723.23</td><td>7080.28</td><td>82.69 4</td><td>80.99</td><td>-2.30</td><td>46.21</td><td>60.63 1</td><td>16.27</td><td>42530.72</td><td>133.91</td><td>39037.44</td><td>75.39</td><td>40.57</td><td>71.27 258.86</td></lod<>	9715.07	16745.92	338.18	7008.76	3723.23	7080.28	82.69 4	80.99	-2.30	46.21	60.63 1	16.27	42530.72	133.91	39037.44	75.39	40.57	71.27 258.86
HAR1-11	VER	Control	566077.53	163335.21	24516.66	<lod< td=""><td>14826.29</td><td>17141.89</td><td>348.85</td><td>9437.13</td><td>4856.88</td><td>4271.77</td><td>7.48 3</td><td>885.13</td><td>3.89</td><td>79.22</td><td>68.10 1</td><td>16.73</td><td>966.53</td><td>137.86</td><td>3690.71</td><td>112.56</td><td>63.88</td><td>55.36 283.57</td></lod<>	14826.29	17141.89	348.85	9437.13	4856.88	4271.77	7.48 3	885.13	3.89	79.22	68.10 1	16.73	966.53	137.86	3690.71	112.56	63.88	55.36 283.57
HAR1-12	VER	Control	587255.27	181029.87	28441.59	<lod< td=""><td>10349.32</td><td>19743.90</td><td>218.93</td><td>9376.24</td><td>3432.70</td><td>1074.92</td><td>3.09 3</td><td>378.35</td><td>9.78</td><td>78.14</td><td>34.07 1</td><td>17.02</td><td>9872.79</td><td>141.62</td><td>13558.81</td><td>94.89</td><td>65.15</td><td>71.94 316.36</td></lod<>	10349.32	19743.90	218.93	9376.24	3432.70	1074.92	3.09 3	378.35	9.78	78.14	34.07 1	17.02	9872.79	141.62	13558.81	94.89	65.15	71.94 316.36
HAR1-13	VER	Control	546851.15	157340.15	24595.25	<lod< td=""><td>8881.87</td><td>17390.79</td><td>87.65</td><td>8442.87</td><td>5685.69</td><td>894.66</td><td>-29.65 2</td><td>253.19</td><td>4.69</td><td>53.10</td><td>46.95 1</td><td>14.27</td><td>7777.08</td><td>136.49</td><td>7984.63</td><td>85.03</td><td>144.33</td><td>52.33 271.97</td></lod<>	8881.87	17390.79	87.65	8442.87	5685.69	894.66	-29.65 2	253.19	4.69	53.10	46.95 1	14.27	7777.08	136.49	7984.63	85.03	144.33	52.33 271.97
HAR1-14	VER	Control	638242.60	193782.36	27455.93	<lod< td=""><td>7584.01</td><td>17651.95</td><td>83.74</td><td>9526.44</td><td>1520.77</td><td>54.76</td><td>-8.52 3</td><td>312.38</td><td>-0.78</td><td>57.85</td><td>47.90 1</td><td>16.49</td><td>461.99</td><td>141.05</td><td>2948.43</td><td>87.11</td><td>61.33</td><td>38.49 299.94</td></lod<>	7584.01	17651.95	83.74	9526.44	1520.77	54.76	-8.52 3	312.38	-0.78	57.85	47.90 1	16.49	461.99	141.05	2948.43	87.11	61.33	38.49 299.94
HAR1-15	VER	Control	607508.85	171332.91	24781.75	<lod< td=""><td>9554.55</td><td>17795.93</td><td>137.47</td><td>8686.61</td><td>3102.05</td><td>149.76</td><td>-25.51 2</td><td>26.63</td><td>5.27</td><td>48.48</td><td>37.68 1</td><td>14.78</td><td>8697.08</td><td>134.74</td><td>10450.61</td><td>78.33</td><td>164.36</td><td>34.26 311.31</td></lod<>	9554.55	17795.93	137.47	8686.61	3102.05	149.76	-25.51 2	26.63	5.27	48.48	37.68 1	14.78	8697.08	134.74	10450.61	78.33	164.36	34.26 311.31
HAR1-16	VER	Control	633579.37	185205.59	23372.97	<lod< td=""><td>9248.23</td><td>18463.96</td><td>124.31</td><td>8685.38</td><td>5097.39</td><td>515.35</td><td>12.37 3</td><td>808.08</td><td>3.16</td><td>49.90</td><td>52.73 1</td><td>15.08</td><td>4189.01</td><td>137.41</td><td>8710.61</td><td>89.30</td><td>69.57</td><td>30.92 296.71</td></lod<>	9248.23	18463.96	124.31	8685.38	5097.39	515.35	12.37 3	808.08	3.16	49.90	52.73 1	15.08	4189.01	137.41	8710.61	89.30	69.57	30.92 296.71
HAR1-17	VER	Control	557478.49	159314.57	19015.31	<lod< td=""><td>12271.31</td><td>18142.67</td><td>316.79</td><td>9440.08</td><td>6764.21</td><td>12.34</td><td>-13.54 3</td><td>810.36</td><td>4.33</td><td>63.54</td><td>29.74 1</td><td>16.54</td><td>3410.58</td><td>131.71</td><td>5575.43</td><td>84.01</td><td>111.60</td><td>138.97 298.74</td></lod<>	12271.31	18142.67	316.79	9440.08	6764.21	12.34	-13.54 3	810.36	4.33	63.54	29.74 1	16.54	3410.58	131.71	5575.43	84.01	111.60	138.97 298.74
HAR1-18	VER	Control	617948.76	172741.11	34868.22	<lod< td=""><td>12637.78</td><td>22499.73</td><td>83.26</td><td>9006.32</td><td>4634.91</td><td>7.40</td><td>-14.88 3</td><td>808.31</td><td>0.76</td><td>86.34</td><td>45.33 1</td><td>15.48</td><td>1010.20</td><td>133.29</td><td>7726.11</td><td>99.42</td><td>76.25</td><td>73.33 313.57</td></lod<>	12637.78	22499.73	83.26	9006.32	4634.91	7.40	-14.88 3	808.31	0.76	86.34	45.33 1	15.48	1010.20	133.29	7726.11	99.42	76.25	73.33 313.57
HAR1-19	VER	Control	587009.25	166593.99	19681.44	<lod< td=""><td>10491.22</td><td>17731.65</td><td>185.54</td><td>8871.57</td><td>4769.90</td><td>355.34</td><td>-34.97 2</td><td>277.01</td><td>3.22</td><td>54.16</td><td>28.73 1</td><td>16.77</td><td>5365.70</td><td>133.85</td><td>3917.78</td><td>78.37</td><td>96.58</td><td>95.85 283.42</td></lod<>	10491.22	17731.65	185.54	8871.57	4769.90	355.34	-34.97 2	277.01	3.22	54.16	28.73 1	16.77	5365.70	133.85	3917.78	78.37	96.58	95.85 283.42
HAR1-20	VER	Control	458754.73	143947.79	23996.76	<lod< td=""><td>8909.21</td><td>16309.66</td><td>947.41</td><td>7126.26</td><td>15547.11</td><td>14771.40</td><td>508.77 4</td><td>18.62</td><td>9.63</td><td>64.54</td><td>109.09 1</td><td>14.01</td><td>158529.77</td><td>141.63</td><td>53270.61</td><td>83.86</td><td>579.47</td><td>59.59 257.55</td></lod<>	8909.21	16309.66	947.41	7126.26	15547.11	14771.40	508.77 4	18.62	9.63	64.54	109.09 1	14.01	158529.77	141.63	53270.61	83.86	579.47	59.59 257.55
HAR1-21	VER	Control	511764.37	144583.21	23543.51	<lod< td=""><td>10685.49</td><td>17777.19</td><td>219.72</td><td>7150.19</td><td>5952.27</td><td>2759.09</td><td>44.05 4</td><td>100.64</td><td>0.89</td><td>52.02</td><td>46.92</td><td>9.91</td><td>18713.34</td><td>122.43</td><td>20877.23</td><td>71.91</td><td>48.73</td><td>91.41 207.64</td></lod<>	10685.49	17777.19	219.72	7150.19	5952.27	2759.09	44.05 4	100.64	0.89	52.02	46.92	9.91	18713.34	122.43	20877.23	71.91	48.73	91.41 207.64
HAR1-22	VER	Control	629029.65	179349.43	31020.32	<lod< td=""><td>8583.48</td><td>18089.15</td><td>115.95</td><td>9214.80</td><td>1679.10</td><td>-5.12</td><td>1.87 3</td><td>819.49</td><td>0.36</td><td>88.36</td><td>53.11 1</td><td>14.83</td><td>241.02</td><td>138.47</td><td>290.20</td><td>98.27</td><td>101.17</td><td>42.70 264.03</td></lod<>	8583.48	18089.15	115.95	9214.80	1679.10	-5.12	1.87 3	819.49	0.36	88.36	53.11 1	14.83	241.02	138.47	290.20	98.27	101.17	42.70 264.03
HAR1-23	VER	Control	627665.94	209521.58	35804.78	<lod< td=""><td>13496.99</td><td>18989.96</td><td>227.09</td><td>9635.46</td><td>4168.15</td><td>193.59</td><td>12.81 3</td><td>374.91</td><td>5.35</td><td>85.21</td><td>73.47 1</td><td>16.89</td><td>2428.64</td><td>153.13</td><td>10126.14</td><td>110.45</td><td>381.42</td><td>45.45 302.39</td></lod<>	13496.99	18989.96	227.09	9635.46	4168.15	193.59	12.81 3	374.91	5.35	85.21	73.47 1	16.89	2428.64	153.13	10126.14	110.45	381.42	45.45 302.39
HAR1-24	VER	Control	531048.23	173205.36	29955.13	<lod< td=""><td>10463.38</td><td>18547.68</td><td>88.95</td><td>7674.84</td><td>4289.02</td><td>1850.90</td><td>-14.03 2</td><td>280.61</td><td>-2.58</td><td>68.78</td><td>60.81 1</td><td>13.16</td><td>11826.66</td><td>139.52</td><td>21421.90</td><td>88.97</td><td>136.12</td><td>73.06 280.55</td></lod<>	10463.38	18547.68	88.95	7674.84	4289.02	1850.90	-14.03 2	280.61	-2.58	68.78	60.81 1	13.16	11826.66	139.52	21421.90	88.97	136.12	73.06 280.55
HAR1-25	VER	Control	650476.82	173888.55	26444.97	<lod< td=""><td>9291.34</td><td>19037.33</td><td><lod< td=""><td>10206.66</td><td>2784.80</td><td>61.91</td><td>9.01 3</td><td>326.82</td><td>-0.63</td><td>68.53</td><td>47.61 1</td><td>17.78</td><td>1184.32</td><td>139.45</td><td>4149.56</td><td>115.11</td><td>141.71</td><td>36.77 297.28</td></lod<></td></lod<>	9291.34	19037.33	<lod< td=""><td>10206.66</td><td>2784.80</td><td>61.91</td><td>9.01 3</td><td>326.82</td><td>-0.63</td><td>68.53</td><td>47.61 1</td><td>17.78</td><td>1184.32</td><td>139.45</td><td>4149.56</td><td>115.11</td><td>141.71</td><td>36.77 297.28</td></lod<>	10206.66	2784.80	61.91	9.01 3	326.82	-0.63	68.53	47.61 1	17.78	1184.32	139.45	4149.56	115.11	141.71	36.77 297.28
HAR1-26	VER	Control	552123.07	162351.78	28198.16	<lod< td=""><td>13341.91</td><td>17992.91</td><td>164.16</td><td>8444.34</td><td>7395.38</td><td>60.66</td><td>1.49 3</td><td>353.35</td><td>5.35</td><td>71.49</td><td>65.52 1</td><td>14.96</td><td>3372.78</td><td>140.34</td><td>6348.46</td><td>88.18</td><td>104.77</td><td>44.70 304.01</td></lod<>	13341.91	17992.91	164.16	8444.34	7395.38	60.66	1.49 3	353.35	5.35	71.49	65.52 1	14.96	3372.78	140.34	6348.46	88.18	104.77	44.70 304.01
HAR1-27	VER	Control	607847.66	195706.59	34583.26	<lod< td=""><td>12033.72</td><td>18458.55</td><td>493.15</td><td>9604.58</td><td>10044.73</td><td>119.28</td><td>21.61 4</td><td>67.05</td><td>1.79</td><td>88.60</td><td>74.38 1</td><td>16.07</td><td>1096.73</td><td>143.28</td><td>2999.60</td><td>109.53</td><td>87.79</td><td>277.58 249.00</td></lod<>	12033.72	18458.55	493.15	9604.58	10044.73	119.28	21.61 4	67.05	1.79	88.60	74.38 1	16.07	1096.73	143.28	2999.60	109.53	87.79	277.58 249.00
HAR1-28	VER	Control	625475.86	206339.36	36801.79	<lod< td=""><td>11529.36</td><td>18075.75</td><td>242.68</td><td>9343.57</td><td>6068.24</td><td>37.73</td><td>17.22 3</td><td>897.31</td><td>3.15</td><td>115.30</td><td>48.00 1</td><td>15.85</td><td>807.08</td><td>139.52</td><td>2786.35</td><td>110.81</td><td>108.47</td><td>207.52 273.22</td></lod<>	11529.36	18075.75	242.68	9343.57	6068.24	37.73	17.22 3	897.31	3.15	115.30	48.00 1	15.85	807.08	139.52	2786.35	110.81	108.47	207.52 273.22
HAR1-29	VER	Control	653468.51	175854.31	25468.34	<lod< td=""><td>10032.38</td><td>19849.58</td><td><lod< td=""><td>9726.28</td><td>1938.08</td><td><lod< td=""><td>1.10 3</td><td>35.07</td><td>0.85</td><td>55.06</td><td>64.59 1</td><td>18.32</td><td>977.07</td><td>144.26</td><td>976.48</td><td>107.77</td><td>103.12</td><td>66.95 269.09</td></lod<></td></lod<></td></lod<>	10032.38	19849.58	<lod< td=""><td>9726.28</td><td>1938.08</td><td><lod< td=""><td>1.10 3</td><td>35.07</td><td>0.85</td><td>55.06</td><td>64.59 1</td><td>18.32</td><td>977.07</td><td>144.26</td><td>976.48</td><td>107.77</td><td>103.12</td><td>66.95 269.09</td></lod<></td></lod<>	9726.28	1938.08	<lod< td=""><td>1.10 3</td><td>35.07</td><td>0.85</td><td>55.06</td><td>64.59 1</td><td>18.32</td><td>977.07</td><td>144.26</td><td>976.48</td><td>107.77</td><td>103.12</td><td>66.95 269.09</td></lod<>	1.10 3	35.07	0.85	55.06	64.59 1	18.32	977.07	144.26	976.48	107.77	103.12	66.95 269.09
HAR1-30	VER	Control	638089.06	195765.03	27939.01	<lod< td=""><td>11861.24</td><td>18532.65</td><td><lod< td=""><td>10377.60</td><td>6315.23</td><td><lod< td=""><td>-24.97 2</td><td>42.09</td><td>9.10</td><td>79.83</td><td>76.22 1</td><td>18.38</td><td>4299.50</td><td>140.39</td><td>4533.28</td><td>102.54</td><td>119.56</td><td>63.85 282.95</td></lod<></td></lod<></td></lod<>	11861.24	18532.65	<lod< td=""><td>10377.60</td><td>6315.23</td><td><lod< td=""><td>-24.97 2</td><td>42.09</td><td>9.10</td><td>79.83</td><td>76.22 1</td><td>18.38</td><td>4299.50</td><td>140.39</td><td>4533.28</td><td>102.54</td><td>119.56</td><td>63.85 282.95</td></lod<></td></lod<>	10377.60	6315.23	<lod< td=""><td>-24.97 2</td><td>42.09</td><td>9.10</td><td>79.83</td><td>76.22 1</td><td>18.38</td><td>4299.50</td><td>140.39</td><td>4533.28</td><td>102.54</td><td>119.56</td><td>63.85 282.95</td></lod<>	-24.97 2	42.09	9.10	79.83	76.22 1	18.38	4299.50	140.39	4533.28	102.54	119.56	63.85 282.95
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Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K ₂ O	*MnO	*TiO ₂	*P205	*As	*Ag	*Ba	*Bi	*Cr	*Cu	*Nb	*Pb	*Rb	*S	*Sr	*V	*Zn *Zr
HAR1-31	VER	Control	567608.83	153622.00	29394.56	<lod< td=""><td>10759.23</td><td>17151.91</td><td>278.06</td><td>8787.71</td><td>5971.49</td><td>5078.51</td><td>66.46</td><td>312.83</td><td>-4.34</td><td>89.39</td><td>64.31</td><td>14.12</td><td>33282.17</td><td>134.32</td><td>7909.17</td><td>82.25</td><td>100.76</td><td>59.20 281.93</td></lod<>	10759.23	17151.91	278.06	8787.71	5971.49	5078.51	66.46	312.83	-4.34	89.39	64.31	14.12	33282.17	134.32	7909.17	82.25	100.76	59.20 281.93
HAR1-32	VER	Control	473144.96	134590.59	20865.71	<lod< td=""><td>1638.29</td><td>14757.47</td><td>234.10</td><td>6226.71</td><td>5340.42</td><td>2882.50</td><td>35.11</td><td>466.64</td><td>27.49</td><td>30.18</td><td>57.51</td><td>9.98</td><td>18920.40</td><td>130.74</td><td>36376.49</td><td>78.90</td><td>61.59</td><td>63.01 205.56</td></lod<>	1638.29	14757.47	234.10	6226.71	5340.42	2882.50	35.11	466.64	27.49	30.18	57.51	9.98	18920.40	130.74	36376.49	78.90	61.59	63.01 205.56
HAR1-33	VER	Control	557262.56	193594.17	29985.46	<lod< td=""><td>4462.03</td><td>19099.84</td><td>79.01</td><td>8708.63</td><td>5560.64</td><td>200.40</td><td>-1.67</td><td>366.56</td><td>7.88</td><td>90.75</td><td>59.04</td><td>16.61</td><td>8198.09</td><td>143.70</td><td>14558.45</td><td>97.15</td><td>174.28</td><td>69.69 261.11</td></lod<>	4462.03	19099.84	79.01	8708.63	5560.64	200.40	-1.67	366.56	7.88	90.75	59.04	16.61	8198.09	143.70	14558.45	97.15	174.28	69.69 261.11
HAR1-34	VER	Control	655492.47	189884.84	29203.02	<lod< td=""><td>3366.28</td><td>18298.59</td><td>83.08</td><td>9188.15</td><td>2908.47</td><td>452.66</td><td>-21.20</td><td>303.44</td><td>0.81</td><td>84.55</td><td>51.78</td><td>19.22</td><td>2750.70</td><td>142.52</td><td>1614.02</td><td>96.07</td><td>84.91</td><td>72.72 266.10</td></lod<>	3366.28	18298.59	83.08	9188.15	2908.47	452.66	-21.20	303.44	0.81	84.55	51.78	19.22	2750.70	142.52	1614.02	96.07	84.91	72.72 266.10
HAR1-35	VFR	Control	599553 32	173675 55	28232.36		2216.20	17729 47		9088 91	3191 25	1 14	-8.31	329.03	-9.65	84.09	57 76	14 70	512 59	144 34	2252 90	104 49	70.98	53.30 267.77
HAR1-36	VER	Control	621306.92	161498 64	27354 57		1533.98	18552 80		8589 79	6163.65	<1 OD	-5.78	260.96	-2.84	69.73	44 98	13.34	3181.07	134 16	2569.34	81 49	69.25	79.55 270.08
HAR1-37	VER	Control	549958 68	178270.28	27442 35		4104.82	18198.04	112 16	8875.42	5549.80	2324 22	7 12	352.28	-4.06	86.23	66.28	15 29	1005 37	143 39	33487 79	110.36	68 58	73 76 299 51
HAR1-38	VER	Control	614012.09	190364 60	32161 69		1255.26	18482 13	85.26	9221 24	1444 03	12 42	-7 39	320.61	-4.43	97.63	43 57	13 35	865.68	136 79	2021 37	107 31	88.90	62 12 282 12
HA P1-30		Control	6/1890.8/	181231 73	28028.03		2605.63	17206 35	10.54	0221.24	5017.03	3071.05	-7.43	267.60	6.90	51.56	47.26	15.00	3608.87	1/2 70	5300 30	88.40	137 20	46 11 269 60
HAR1-40		Control	581359.04	15/652 12	26936.08		2645 35	18/38 81	58.26	8603 72	8211 40	102.58	-28.68	201.00	-1.46	8/ 51	5/ 00	14.52	4560.85	136.02	15153 77	05.83	08.35	84.42 320.46
		Control	519227.04	109076 16	20330.00		14000.00	10000 00	2464.46	7265 07	52622.16	22.00	-20.00	620.00	10.27	110.64	-100	16.46	104 61	126.32	414.20	102.00	120.27	157 22 257 42
		Control	00456.02	1209/0.10	20575 40		0207.47	20026.20	3434.40	0477.04	2402.00	23.12	41.09	242.00	2.04	02.40	<lod< td=""><td>10.40</td><td>044.01</td><td>144 70</td><td>414.39</td><td>02.42</td><td>104.00</td><td>107.22 207.40 E6 72 260 42</td></lod<>	10.40	044.01	144 70	414.39	02.42	104.00	107.22 207.40 E6 72 260 42
	VER	Control	660456.03	190010.90	30575.40		9397.47	20030.30	<lod< td=""><td>9477.04</td><td>2192.20</td><td>02.30</td><td>- 10.72</td><td>343.00</td><td>-2.01</td><td>03.10</td><td>20.02</td><td>10.40</td><td>941.93</td><td>141.79</td><td>4939.00</td><td>92.17</td><td>104.92</td><td>50.73 209.42 176.59 201.60</td></lod<>	9477.04	2192.20	02.30	- 10.72	343.00	-2.01	03.10	20.02	10.40	941.93	141.79	4939.00	92.17	104.92	50.73 209.42 176.59 201.60
HAR1-43	VER	Control	000016.07	100430.20	2/319.24	<lod< td=""><td>0545.00</td><td>19320.13</td><td>19.02</td><td>9395.03</td><td>0007.32</td><td>239.92</td><td>-0.03</td><td>335.62</td><td>2.43</td><td>70.40</td><td>39.02</td><td>10.40</td><td>4346.39</td><td>129.00</td><td>1000.22</td><td>91.00</td><td>120.31</td><td>176.56 301.60</td></lod<>	0545.00	19320.13	19.02	9395.03	0007.32	239.92	-0.03	335.62	2.43	70.40	39.02	10.40	4346.39	129.00	1000.22	91.00	120.31	176.56 301.60
HAR1-44	VER	Control	639611.09	197961.02	26278.78	<lod< td=""><td>9545.86</td><td>17790.98</td><td>27.04</td><td>8889.70</td><td>391.33</td><td>/1.6/</td><td>-3.14</td><td>336.70</td><td>3.52</td><td>79.10</td><td>52.42</td><td>19.41</td><td>2650.95</td><td>134.82</td><td>1374.77</td><td>90.87</td><td>112.06</td><td>40.99 271.67</td></lod<>	9545.86	17790.98	27.04	8889.70	391.33	/1.6/	-3.14	336.70	3.52	79.10	52.42	19.41	2650.95	134.82	1374.77	90.87	112.06	40.99 271.67
HAR1-45	VER	Control	626331.95	179050.26	30954.66	<lod< td=""><td>8438.93</td><td>18904.65</td><td>29.32</td><td>9300.53</td><td>2848.75</td><td>29.44</td><td>0.05</td><td>365.63</td><td>-4.24</td><td>97.38</td><td>61.58</td><td>19.86</td><td>610.38</td><td>138.35</td><td>2252.32</td><td>91.42</td><td>126.96</td><td>51.13 2/5.5/</td></lod<>	8438.93	18904.65	29.32	9300.53	2848.75	29.44	0.05	365.63	-4.24	97.38	61.58	19.86	610.38	138.35	2252.32	91.42	126.96	51.13 2/5.5/
HAR1-46	VER	Control	637911.04	175311.89	26634.39	<lod< td=""><td>8099.94</td><td>17459.06</td><td>338.27</td><td>8891.90</td><td>-379.80</td><td>7681.81</td><td>138.05</td><td>212.03</td><td>-1.63</td><td>92.01</td><td>55.39</td><td>16.88</td><td>53994.65</td><td>143.39</td><td>1684.13</td><td>81.70</td><td>85.82</td><td>38.23 258.74</td></lod<>	8099.94	17459.06	338.27	8891.90	-379.80	7681.81	138.05	212.03	-1.63	92.01	55.39	16.88	53994.65	143.39	1684.13	81.70	85.82	38.23 258.74
HAR1-47	VER	Control	612807.79	173432.54	31339.63	<lod< td=""><td>9570.12</td><td>18998.68</td><td>5.68</td><td>9133.31</td><td>3862.11</td><td>152.29</td><td>7.49</td><td>380.81</td><td>-4.74</td><td>84.77</td><td>70.86</td><td>17.26</td><td>1136.38</td><td>141.65</td><td>4975.92</td><td>93.44</td><td>207.94</td><td>37.30 275.21</td></lod<>	9570.12	18998.68	5.68	9133.31	3862.11	152.29	7.49	380.81	-4.74	84.77	70.86	17.26	1136.38	141.65	4975.92	93.44	207.94	37.30 275.21
HAR1-48	VER	Control	673916.92	223388.70	36831.25	<lod< td=""><td>11084.99</td><td>20123.34</td><td>77.46</td><td>9810.76</td><td>3353.30</td><td>36.27</td><td>13.13</td><td>388.10</td><td>-3.48</td><td>105.38</td><td>70.17</td><td>18.62</td><td>491.94</td><td>145.91</td><td>2861.94</td><td>121.91</td><td>173.94</td><td>72.53 285.72</td></lod<>	11084.99	20123.34	77.46	9810.76	3353.30	36.27	13.13	388.10	-3.48	105.38	70.17	18.62	491.94	145.91	2861.94	121.91	173.94	72.53 285.72
HAR1-49	VER	Control	635451.07	187265.05	31786.75	<lod< td=""><td>10588.07</td><td>19714.78</td><td>8.08</td><td>9689.54</td><td>5286.06</td><td>12.41</td><td>-0.20</td><td>373.78</td><td>-8.25</td><td>95.64</td><td>63.76</td><td>18.13</td><td>328.76</td><td>142.93</td><td>1936.85</td><td>96.81</td><td>104.11</td><td>42.73 303.63</td></lod<>	10588.07	19714.78	8.08	9689.54	5286.06	12.41	-0.20	373.78	-8.25	95.64	63.76	18.13	328.76	142.93	1936.85	96.81	104.11	42.73 303.63
HAR1-50	VER	Control	608577.21	173774.80	31907.14	<lod< td=""><td>11593.56</td><td>19985.45</td><td>138.36</td><td>9237.41</td><td>3882.80</td><td><lod< td=""><td>8.50</td><td>407.53</td><td>-0.37</td><td>93.61</td><td>51.44</td><td>16.57</td><td>1150.40</td><td>140.40</td><td>3908.19</td><td>103.05</td><td>108.04</td><td>59.48 247.41</td></lod<></td></lod<>	11593.56	19985.45	138.36	9237.41	3882.80	<lod< td=""><td>8.50</td><td>407.53</td><td>-0.37</td><td>93.61</td><td>51.44</td><td>16.57</td><td>1150.40</td><td>140.40</td><td>3908.19</td><td>103.05</td><td>108.04</td><td>59.48 247.41</td></lod<>	8.50	407.53	-0.37	93.61	51.44	16.57	1150.40	140.40	3908.19	103.05	108.04	59.48 247.41
HOR1-1	VER	Control	606612.43	162348.00	39294.59	<lod< td=""><td>8710.10</td><td>24920.07</td><td>243.11</td><td>7935.13</td><td>3244.44</td><td>74.28</td><td>27.32</td><td>446.43</td><td>-10.55</td><td>72.74</td><td>35.74</td><td>12.51</td><td>4556.20</td><td>143.73</td><td>5597.37</td><td>95.72</td><td>71.99</td><td>36.35 264.79</td></lod<>	8710.10	24920.07	243.11	7935.13	3244.44	74.28	27.32	446.43	-10.55	72.74	35.74	12.51	4556.20	143.73	5597.37	95.72	71.99	36.35 264.79
HOR1-2	VER	Control	610931.38	158346.71	40536.83	<lod< td=""><td>8762.06</td><td>23676.79</td><td>284.54</td><td>8046.08</td><td>2125.52</td><td>50.24</td><td>-5.66</td><td>456.94</td><td>-4.78</td><td>80.90</td><td>74.33</td><td>12.14</td><td>551.85</td><td>145.29</td><td>1407.49</td><td>116.35</td><td>69.60</td><td>62.44 317.06</td></lod<>	8762.06	23676.79	284.54	8046.08	2125.52	50.24	-5.66	456.94	-4.78	80.90	74.33	12.14	551.85	145.29	1407.49	116.35	69.60	62.44 317.06
HOR1-3	VER	Control	493954.39	144560.15	32142.42	<lod< td=""><td>9734.46</td><td>21919.35</td><td>243.57</td><td>6561.30</td><td>5631.61</td><td>1798.60</td><td>65.82</td><td>651.57</td><td>-4.98</td><td>68.57</td><td>41.06</td><td>6.42</td><td>15645.27</td><td>137.99</td><td>31013.84</td><td>81.73</td><td>186.61</td><td>105.18 206.62</td></lod<>	9734.46	21919.35	243.57	6561.30	5631.61	1798.60	65.82	651.57	-4.98	68.57	41.06	6.42	15645.27	137.99	31013.84	81.73	186.61	105.18 206.62
HOR1-4	VER	Control	677108.61	220752.95	37709.27	<lod< td=""><td>8028.08</td><td>25074.23</td><td>321.36</td><td>7899.99</td><td>1850.00</td><td>4241.09</td><td>35.80</td><td>545.28</td><td>-1.41</td><td>92.34</td><td>34.14</td><td>11.06</td><td>31447.39</td><td>146.26</td><td>10803.76</td><td>98.37</td><td>84.02</td><td>44.33 312.89</td></lod<>	8028.08	25074.23	321.36	7899.99	1850.00	4241.09	35.80	545.28	-1.41	92.34	34.14	11.06	31447.39	146.26	10803.76	98.37	84.02	44.33 312.89
HOR1-6	VER	Control	552900.78	156068.35	37803.90	<lod< td=""><td>9309.32</td><td>23250.62</td><td>472.41</td><td>7687.37</td><td>1355.14</td><td>3713.91</td><td>52.60</td><td>489.02</td><td>-8.59</td><td>82.71</td><td>47.33</td><td>11.20</td><td>29648.83</td><td>145.06</td><td>15119.24</td><td>89.02</td><td>64.84</td><td>37.22 239.18</td></lod<>	9309.32	23250.62	472.41	7687.37	1355.14	3713.91	52.60	489.02	-8.59	82.71	47.33	11.20	29648.83	145.06	15119.24	89.02	64.84	37.22 239.18
HOR1-7	VER	Control	620723.15	175121.18	53837.05	<lod< td=""><td>8366.12</td><td>26112.30</td><td>115.84</td><td>8129.26</td><td>1494.78</td><td>70.42</td><td>17.35</td><td>503.97</td><td>-7.24</td><td>122.70</td><td>38.49</td><td>12.65</td><td>599.36</td><td>152.22</td><td>5803.59</td><td>105.07</td><td>108.08</td><td>44.47 256.72</td></lod<>	8366.12	26112.30	115.84	8129.26	1494.78	70.42	17.35	503.97	-7.24	122.70	38.49	12.65	599.36	152.22	5803.59	105.07	108.08	44.47 256.72
HOR1-8	VER	Control	625444.18	184059.76	45501.29	<lod< td=""><td>12292.69</td><td>27858.88</td><td>95.04</td><td>8918.72</td><td>2776.99</td><td>100.71</td><td>7.09</td><td>449.45</td><td>-6.21</td><td>96.83</td><td>49.61</td><td>14.34</td><td>658.50</td><td>154.79</td><td>13522.70</td><td>107.92</td><td>106.36</td><td>54.01 269.12</td></lod<>	12292.69	27858.88	95.04	8918.72	2776.99	100.71	7.09	449.45	-6.21	96.83	49.61	14.34	658.50	154.79	13522.70	107.92	106.36	54.01 269.12
HOR1-9	VER	Control	683807.58	158135.42	38755.84	<lod< td=""><td>10221.86</td><td>25218.69</td><td>146.37</td><td>7105.22</td><td>1977.97</td><td>43.53</td><td>8.44</td><td>442.39</td><td>-5.59</td><td>68.07</td><td>53.42</td><td>13.59</td><td>699.35</td><td>152.24</td><td>2585.11</td><td>105.41</td><td>153.87</td><td>50.96 331.72</td></lod<>	10221.86	25218.69	146.37	7105.22	1977.97	43.53	8.44	442.39	-5.59	68.07	53.42	13.59	699.35	152.24	2585.11	105.41	153.87	50.96 331.72
HOR1-10	VER	Control	747397.19	203869.20	38433.03	<lod< td=""><td>10012.58</td><td>27746.16</td><td>372.16</td><td>8985.23</td><td>-80.31</td><td>1724.74</td><td>-31.13</td><td>329.84</td><td>-5.01</td><td>68.65</td><td>76.56</td><td>13.88</td><td>217.92</td><td>147.27</td><td>29481.56</td><td>101.14</td><td>83.25</td><td>42.56 273.10</td></lod<>	10012.58	27746.16	372.16	8985.23	-80.31	1724.74	-31.13	329.84	-5.01	68.65	76.56	13.88	217.92	147.27	29481.56	101.14	83.25	42.56 273.10
HOR1-11	VER	Control	599643.38	170246.90	42301.75	<lod< td=""><td>8248.15</td><td>23440.70</td><td>129.69</td><td>7922.96</td><td>538.00</td><td>1038.63</td><td>19.78</td><td>501.03</td><td>0.34</td><td>66.58</td><td>45.08</td><td>13.01</td><td>5130.36</td><td>148.35</td><td>22824.91</td><td>97.92</td><td>81.76</td><td>48.70 299.95</td></lod<>	8248.15	23440.70	129.69	7922.96	538.00	1038.63	19.78	501.03	0.34	66.58	45.08	13.01	5130.36	148.35	22824.91	97.92	81.76	48.70 299.95
HOR1-12	VER	Control	643850.38	188219.03	36183.20	<lod< td=""><td>10177.23</td><td>25801.82</td><td>34.37</td><td>8993.83</td><td>6080.40</td><td>246.81</td><td>7.65</td><td>432.04</td><td>-5.26</td><td>74.82</td><td>28.43</td><td>14.77</td><td>1996.31</td><td>149.87</td><td>10429.60</td><td>100.41</td><td>85.25</td><td>57.39 287.86</td></lod<>	10177.23	25801.82	34.37	8993.83	6080.40	246.81	7.65	432.04	-5.26	74.82	28.43	14.77	1996.31	149.87	10429.60	100.41	85.25	57.39 287.86
HOR1-13	VER	Control	664268.71	191211.26	37800.67	<lod< td=""><td>13708.54</td><td>25354.57</td><td>17.69</td><td>8599.68</td><td>1253.93</td><td>23.75</td><td>-9.36</td><td>385.30</td><td>-7.25</td><td>77.73</td><td>49.97</td><td>13.39</td><td>209.89</td><td>146.98</td><td>680.47</td><td>98.77</td><td>72.81</td><td>46.42 256.86</td></lod<>	13708.54	25354.57	17.69	8599.68	1253.93	23.75	-9.36	385.30	-7.25	77.73	49.97	13.39	209.89	146.98	680.47	98.77	72.81	46.42 256.86
HOR1-14	VER	Control	637887.10	185263.80	32875.48	<lod< td=""><td>15446.88</td><td>25372.61</td><td>106.82</td><td>7437.12</td><td>4875.33</td><td>104.46</td><td>11.79</td><td>356.69</td><td>3.99</td><td>70.43</td><td>30.37</td><td>11.18</td><td>12000.89</td><td>143.50</td><td>15876.66</td><td>99.03</td><td>75.53</td><td>75.29 377.22</td></lod<>	15446.88	25372.61	106.82	7437.12	4875.33	104.46	11.79	356.69	3.99	70.43	30.37	11.18	12000.89	143.50	15876.66	99.03	75.53	75.29 377.22
HOR1-15	VER	Control	643104.93	183363.36	41891.50	<lod< td=""><td>9033.26</td><td>27178.07</td><td>57.50</td><td>8897.78</td><td>4774.73</td><td>44.20</td><td>-15.80</td><td>403.47</td><td>-2.39</td><td>83.51</td><td>18.85</td><td>13.64</td><td>2039.36</td><td>143.02</td><td>4124.92</td><td>89.57</td><td>168.32</td><td>95.43 276.19</td></lod<>	9033.26	27178.07	57.50	8897.78	4774.73	44.20	-15.80	403.47	-2.39	83.51	18.85	13.64	2039.36	143.02	4124.92	89.57	168.32	95.43 276.19
HOR1-16	VER	Control	653947.66	184892.18	45331.47	<lod< td=""><td>9668.53</td><td>26519.25</td><td>43.31</td><td>8876.09</td><td>7257.78</td><td>127.95</td><td>10.63</td><td>439.58</td><td>-6.00</td><td>101.41</td><td>27.50</td><td>15.43</td><td>1259.78</td><td>140.94</td><td>4015.64</td><td>95.06</td><td>140.95</td><td>66.74 322.27</td></lod<>	9668.53	26519.25	43.31	8876.09	7257.78	127.95	10.63	439.58	-6.00	101.41	27.50	15.43	1259.78	140.94	4015.64	95.06	140.95	66.74 322.27
HOR1-17	VER	Control	632921.17	182534.01	46161.13	<lod< td=""><td>10322.75</td><td>35613.78</td><td>250.84</td><td>8572.68</td><td>11016.43</td><td>67.49</td><td>7.50</td><td>467.26</td><td>-7.56</td><td>78.53</td><td>36.62</td><td>15.00</td><td>821.21</td><td>151.73</td><td>5264.18</td><td>77.30</td><td>206.82</td><td>72.77 304.83</td></lod<>	10322.75	35613.78	250.84	8572.68	11016.43	67.49	7.50	467.26	-7.56	78.53	36.62	15.00	821.21	151.73	5264.18	77.30	206.82	72.77 304.83
HOR1-18	VER	Control	599954.09	171454.55	25313.16	<lod< td=""><td>7703.62</td><td>26160.86</td><td><lod< td=""><td>8704.88</td><td>2645.07</td><td>2046.69</td><td>-42.99</td><td>383.41</td><td>10.39</td><td>81.88</td><td><lod< td=""><td>14.20</td><td>11171.90</td><td>144.58</td><td>4055.38</td><td>135.08</td><td>108.32</td><td>161.74 314.08</td></lod<></td></lod<></td></lod<>	7703.62	26160.86	<lod< td=""><td>8704.88</td><td>2645.07</td><td>2046.69</td><td>-42.99</td><td>383.41</td><td>10.39</td><td>81.88</td><td><lod< td=""><td>14.20</td><td>11171.90</td><td>144.58</td><td>4055.38</td><td>135.08</td><td>108.32</td><td>161.74 314.08</td></lod<></td></lod<>	8704.88	2645.07	2046.69	-42.99	383.41	10.39	81.88	<lod< td=""><td>14.20</td><td>11171.90</td><td>144.58</td><td>4055.38</td><td>135.08</td><td>108.32</td><td>161.74 314.08</td></lod<>	14.20	11171.90	144.58	4055.38	135.08	108.32	161.74 314.08
HOR1-19	VER	Control	671396.67	202668.50	42921.00	<lod< td=""><td>9344.83</td><td>23802.23</td><td>40.05</td><td>8960.60</td><td>2674.36</td><td>10.38</td><td>0.10</td><td>430.48</td><td>-4.67</td><td>87.46</td><td>50.03</td><td>12.83</td><td>735.70</td><td>145.46</td><td>2231.46</td><td>92.58</td><td>69.44</td><td>51.85 314.54</td></lod<>	9344.83	23802.23	40.05	8960.60	2674.36	10.38	0.10	430.48	-4.67	87.46	50.03	12.83	735.70	145.46	2231.46	92.58	69.44	51.85 314.54
HOR1-20	VER	Control	641451.92	153785.76	45066.56	<lod< td=""><td>10022.88</td><td>29180.50</td><td>159.44</td><td>9666.65</td><td>6411.61</td><td>57.73</td><td>4.55</td><td>457.43</td><td>-2.45</td><td>104.37</td><td>25.16</td><td>14.40</td><td>941.53</td><td>152.50</td><td>1064.13</td><td>108.53</td><td>128.15</td><td>113.27 310.77</td></lod<>	10022.88	29180.50	159.44	9666.65	6411.61	57.73	4.55	457.43	-2.45	104.37	25.16	14.40	941.53	152.50	1064.13	108.53	128.15	113.27 310.77
HOR1-21	VER	Control	611088.59	147535.92	43605.70	<lod< td=""><td>8622.18</td><td>25896.60</td><td>181.39</td><td>8911.81</td><td>#VALUE!</td><td>160.14</td><td>-4.34</td><td>397.56</td><td>-5.87</td><td>79.51</td><td>15.70</td><td>14.88</td><td>3152.52</td><td>149.81</td><td>1785.25</td><td>96.64</td><td>83.91</td><td>56.95 291.07</td></lod<>	8622.18	25896.60	181.39	8911.81	#VALUE!	160.14	-4.34	397.56	-5.87	79.51	15.70	14.88	3152.52	149.81	1785.25	96.64	83.91	56.95 291.07
HOR1-22	VER	Control	647114.41	147576.28	26774.69	<lod< td=""><td>9326.93</td><td>25200.23</td><td><lod< td=""><td>9420.09</td><td>6122.82</td><td><lod< td=""><td>-42.14</td><td>220.35</td><td>-7.08</td><td>44.91</td><td>12.69</td><td>16.66</td><td>1709.09</td><td>139.80</td><td>991.89</td><td>100.27</td><td>48.54</td><td>46.26 335.31</td></lod<></td></lod<></td></lod<>	9326.93	25200.23	<lod< td=""><td>9420.09</td><td>6122.82</td><td><lod< td=""><td>-42.14</td><td>220.35</td><td>-7.08</td><td>44.91</td><td>12.69</td><td>16.66</td><td>1709.09</td><td>139.80</td><td>991.89</td><td>100.27</td><td>48.54</td><td>46.26 335.31</td></lod<></td></lod<>	9420.09	6122.82	<lod< td=""><td>-42.14</td><td>220.35</td><td>-7.08</td><td>44.91</td><td>12.69</td><td>16.66</td><td>1709.09</td><td>139.80</td><td>991.89</td><td>100.27</td><td>48.54</td><td>46.26 335.31</td></lod<>	-42.14	220.35	-7.08	44.91	12.69	16.66	1709.09	139.80	991.89	100.27	48.54	46.26 335.31
HOR1-23	VER	Control	637585.83	153658.03	25232.82	<lod< td=""><td>8811.47</td><td>26893.09</td><td>232.68</td><td>10704.50</td><td>#VALUE!</td><td>23.20</td><td>-31.02</td><td>335.91</td><td>-6.81</td><td>71.13</td><td>34.57</td><td>18.54</td><td>4498.66</td><td>152.87</td><td>1747.00</td><td>154.22</td><td>60.92</td><td>81.67 316.14</td></lod<>	8811.47	26893.09	232.68	10704.50	#VALUE!	23.20	-31.02	335.91	-6.81	71.13	34.57	18.54	4498.66	152.87	1747.00	154.22	60.92	81.67 316.14
HOR1-24	VER	Control	647552.19	154907.78	37876.00	<lod< td=""><td>9388.52</td><td>27199.25</td><td><lod< td=""><td>9763.64</td><td>6531.79</td><td>118.87</td><td>-8.43</td><td>451.37</td><td>0.43</td><td>90.83</td><td>13.90</td><td>14.93</td><td>2904.52</td><td>141.05</td><td>1241.80</td><td>96.18</td><td>112.45</td><td>207.61 334.61</td></lod<></td></lod<>	9388.52	27199.25	<lod< td=""><td>9763.64</td><td>6531.79</td><td>118.87</td><td>-8.43</td><td>451.37</td><td>0.43</td><td>90.83</td><td>13.90</td><td>14.93</td><td>2904.52</td><td>141.05</td><td>1241.80</td><td>96.18</td><td>112.45</td><td>207.61 334.61</td></lod<>	9763.64	6531.79	118.87	-8.43	451.37	0.43	90.83	13.90	14.93	2904.52	141.05	1241.80	96.18	112.45	207.61 334.61
HOR1-25	VER	Control	648016.71	155630.89	59924.94	<lod< td=""><td>8421.01</td><td>26329.05</td><td>165.28</td><td>9621.78</td><td>#VALUE!</td><td>67.33</td><td>4.91</td><td>429.57</td><td>-2.46</td><td>108.84</td><td>26.70</td><td>15.82</td><td>617.58</td><td>151.57</td><td>1005.45</td><td>102.77</td><td>140.07</td><td>51.43 270.38</td></lod<>	8421.01	26329.05	165.28	9621.78	#VALUE!	67.33	4.91	429.57	-2.46	108.84	26.70	15.82	617.58	151.57	1005.45	102.77	140.07	51.43 270.38
HOR1-26	VER	Control	672404.59	159901.52	41414.21	<lod< td=""><td>8506.88</td><td>26771.16</td><td><lod< td=""><td>9079.91</td><td>#VALUE!</td><td>61.96</td><td>-5.81</td><td>336.37</td><td>1.86</td><td>71.69</td><td>23.03</td><td>14.04</td><td>5210.37</td><td>144.98</td><td>2385.83</td><td>93.16</td><td>103.07</td><td>42.16 293.17</td></lod<></td></lod<>	8506.88	26771.16	<lod< td=""><td>9079.91</td><td>#VALUE!</td><td>61.96</td><td>-5.81</td><td>336.37</td><td>1.86</td><td>71.69</td><td>23.03</td><td>14.04</td><td>5210.37</td><td>144.98</td><td>2385.83</td><td>93.16</td><td>103.07</td><td>42.16 293.17</td></lod<>	9079.91	#VALUE!	61.96	-5.81	336.37	1.86	71.69	23.03	14.04	5210.37	144.98	2385.83	93.16	103.07	42.16 293.17
HOR1-27	VER	Control	668774.02	155934.95	26364.79	<lod< td=""><td>9367.69</td><td>27592.74</td><td>137.10</td><td>9584.07</td><td>#VALUE!</td><td><lod< td=""><td>-13.58</td><td>416.24</td><td>5.90</td><td>74.28</td><td>294.63</td><td>17.19</td><td>11872.71</td><td>144.40</td><td>3327.05</td><td>242.20</td><td>93.52</td><td>114.22 277.05</td></lod<></td></lod<>	9367.69	27592.74	137.10	9584.07	#VALUE!	<lod< td=""><td>-13.58</td><td>416.24</td><td>5.90</td><td>74.28</td><td>294.63</td><td>17.19</td><td>11872.71</td><td>144.40</td><td>3327.05</td><td>242.20</td><td>93.52</td><td>114.22 277.05</td></lod<>	-13.58	416.24	5.90	74.28	294.63	17.19	11872.71	144.40	3327.05	242.20	93.52	114.22 277.05
HOR1-28	VER	Control	641460.31	152409.66	42692.29	<lod< td=""><td>9070.16</td><td>27604.63</td><td><lod< td=""><td>9145.77</td><td>#VALUE!</td><td>169.06</td><td>-39.24</td><td>308.49</td><td>-2.50</td><td>88.98</td><td><lod< td=""><td>15.26</td><td>4049.82</td><td>150.89</td><td>2612.10</td><td>103.70</td><td>127.70</td><td>49.91 283.72</td></lod<></td></lod<></td></lod<>	9070.16	27604.63	<lod< td=""><td>9145.77</td><td>#VALUE!</td><td>169.06</td><td>-39.24</td><td>308.49</td><td>-2.50</td><td>88.98</td><td><lod< td=""><td>15.26</td><td>4049.82</td><td>150.89</td><td>2612.10</td><td>103.70</td><td>127.70</td><td>49.91 283.72</td></lod<></td></lod<>	9145.77	#VALUE!	169.06	-39.24	308.49	-2.50	88.98	<lod< td=""><td>15.26</td><td>4049.82</td><td>150.89</td><td>2612.10</td><td>103.70</td><td>127.70</td><td>49.91 283.72</td></lod<>	15.26	4049.82	150.89	2612.10	103.70	127.70	49.91 283.72
HOR1-29	VER	Control	619324.87	147228.88	31446.72	<lod< td=""><td>9538.32</td><td>24935.01</td><td>173.84</td><td>8981.97</td><td>#VALUE!</td><td>786.68</td><td>-6.35</td><td>499.60</td><td>-1.64</td><td>82.73</td><td>62.68</td><td>16.21</td><td>11368.03</td><td>144.70</td><td>2864.37</td><td>128.58</td><td>82.58</td><td>66.09 262.04</td></lod<>	9538.32	24935.01	173.84	8981.97	#VALUE!	786.68	-6.35	499.60	-1.64	82.73	62.68	16.21	11368.03	144.70	2864.37	128.58	82.58	66.09 262.04
HOR1-30	VER	Control	601179.52	177834.07	44515.49	<lod< td=""><td>7420.87</td><td>26563.20</td><td><lod< td=""><td>8993.52</td><td>2594.82</td><td><lod< td=""><td>-11.11</td><td>417.39</td><td>-8.23</td><td>115.35</td><td>46.78</td><td>13.13</td><td>3037.89</td><td>145.19</td><td>2509.34</td><td>94.10</td><td>100.23</td><td>67.27 325.81</td></lod<></td></lod<></td></lod<>	7420.87	26563.20	<lod< td=""><td>8993.52</td><td>2594.82</td><td><lod< td=""><td>-11.11</td><td>417.39</td><td>-8.23</td><td>115.35</td><td>46.78</td><td>13.13</td><td>3037.89</td><td>145.19</td><td>2509.34</td><td>94.10</td><td>100.23</td><td>67.27 325.81</td></lod<></td></lod<>	8993.52	2594.82	<lod< td=""><td>-11.11</td><td>417.39</td><td>-8.23</td><td>115.35</td><td>46.78</td><td>13.13</td><td>3037.89</td><td>145.19</td><td>2509.34</td><td>94.10</td><td>100.23</td><td>67.27 325.81</td></lod<>	-11.11	417.39	-8.23	115.35	46.78	13.13	3037.89	145.19	2509.34	94.10	100.23	67.27 325.81
HOR1-31	VER	Control	678665.08	212987.24	42816.02	<lod< td=""><td>7277.98</td><td>24152.95</td><td>152.64</td><td>10645.40</td><td>2707.58</td><td>73.16</td><td>-15.71</td><td>332.57</td><td>-3.15</td><td>105.25</td><td>35.02</td><td>17.49</td><td>2428.17</td><td>145.73</td><td>2058.10</td><td>95.45</td><td>103.57</td><td>57.58 392.36</td></lod<>	7277.98	24152.95	152.64	10645.40	2707.58	73.16	-15.71	332.57	-3.15	105.25	35.02	17.49	2428.17	145.73	2058.10	95.45	103.57	57.58 392.36
HOR1-32	VER	Control	651375.62	189020.20	43853.66	<lod< td=""><td>7410.94</td><td>25735.67</td><td>212.67</td><td>9616.93</td><td>1632.66</td><td>23.03</td><td>-1.71</td><td>407.44</td><td>-2.80</td><td>101.03</td><td>38.24</td><td>15.07</td><td>373.67</td><td>147.07</td><td>487.63</td><td>94.25</td><td>108.99</td><td>59.38 355.21</td></lod<>	7410.94	25735.67	212.67	9616.93	1632.66	23.03	-1.71	407.44	-2.80	101.03	38.24	15.07	373.67	147.07	487.63	94.25	108.99	59.38 355.21
HOR1-33	VER	Control	648885.98	198177.52	45860.58	<lod< td=""><td>7336.80</td><td>26364.49</td><td>135.71</td><td>9598.57</td><td>2227.03</td><td>49.23</td><td>2.75</td><td>438.31</td><td>-4.67</td><td>121.52</td><td>45.33</td><td>14.62</td><td>439.97</td><td>152.21</td><td>1502.86</td><td>111.11</td><td>143.02</td><td>50.20 302.08</td></lod<>	7336.80	26364.49	135.71	9598.57	2227.03	49.23	2.75	438.31	-4.67	121.52	45.33	14.62	439.97	152.21	1502.86	111.11	143.02	50.20 302.08
HOR1-34	VER	Control	521761.17	166449.08	31752.80	<lod< td=""><td>10339.09</td><td>20548.47</td><td>166.17</td><td>9621.01</td><td>3773.25</td><td>3436.33</td><td>10.36</td><td>494.08</td><td><lod< td=""><td>88.93</td><td>507.59</td><td>12.19</td><td>20658.53</td><td>143.32</td><td>46913.46</td><td>87.44</td><td>59.75</td><td>252.25 279.22</td></lod<></td></lod<>	10339.09	20548.47	166.17	9621.01	3773.25	3436.33	10.36	494.08	<lod< td=""><td>88.93</td><td>507.59</td><td>12.19</td><td>20658.53</td><td>143.32</td><td>46913.46</td><td>87.44</td><td>59.75</td><td>252.25 279.22</td></lod<>	88.93	507.59	12.19	20658.53	143.32	46913.46	87.44	59.75	252.25 279.22
HOR1-35	VER	Control	674817.08	179670.21	42974.25	<lod< td=""><td>7154.21</td><td>25447.16</td><td>141.69</td><td>9320.06</td><td>1717.30</td><td>59.58</td><td>-2.15</td><td>400.73</td><td>-6.22</td><td>93.90</td><td>54.70</td><td>14.37</td><td>1163.96</td><td>146.79</td><td>1495.83</td><td>101.64</td><td>117.41</td><td>43.08 283.41</td></lod<>	7154.21	25447.16	141.69	9320.06	1717.30	59.58	-2.15	400.73	-6.22	93.90	54.70	14.37	1163.96	146.79	1495.83	101.64	117.41	43.08 283.41
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Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K ₂ O	*MnO	*TiO ₂	*P205	*As	*Ag	*Ba	*Bi	*Cr	*Cu *	'Nb	*Pb	*Rb	*S	*Sr	*V	*Zn *Zr
HOR1-36	VER	Control	609727.06	163563.39	38548.30	<lod< td=""><td>7387.37</td><td>26493.02</td><td>219.43</td><td>9082.53</td><td>3016.97</td><td>7.52</td><td>4.34</td><td>442.08</td><td>-7.18</td><td>108.35</td><td><lod 13<="" td=""><td>3.29</td><td>953.14</td><td>145.43</td><td>1032.81</td><td>88.80</td><td>110.16</td><td>43.05 289.97</td></lod></td></lod<>	7387.37	26493.02	219.43	9082.53	3016.97	7.52	4.34	442.08	-7.18	108.35	<lod 13<="" td=""><td>3.29</td><td>953.14</td><td>145.43</td><td>1032.81</td><td>88.80</td><td>110.16</td><td>43.05 289.97</td></lod>	3.29	953.14	145.43	1032.81	88.80	110.16	43.05 289.97
HOR1-37	VER	Control	673924.36	188755.27	44741.93	<lod< td=""><td>8045.47</td><td>25929.55</td><td>769.09</td><td>9075.16</td><td>3264.65</td><td>60.07</td><td>-6.40</td><td>439.47</td><td>-7.41</td><td>99.89</td><td>50.78 14</td><td>4.31</td><td>451.42</td><td>144.89</td><td>1801.56</td><td>114.70</td><td>109.44</td><td>67.51 325.96</td></lod<>	8045.47	25929.55	769.09	9075.16	3264.65	60.07	-6.40	439.47	-7.41	99.89	50.78 14	4.31	451.42	144.89	1801.56	114.70	109.44	67.51 325.96
HOR1-38	VER	Control	566621.49	166371.29	32743.75	<lod< td=""><td>8087.96</td><td>23141.64</td><td>274.32</td><td>8038.56</td><td>2913.14</td><td>1460.24</td><td>-0.11</td><td>454.70</td><td>16.49</td><td>70.33</td><td><lod 1<="" td=""><td>0.66 18</td><td>3087.22</td><td>136.84</td><td>13941.59</td><td>80.95</td><td>89.39</td><td>126.90 257.53</td></lod></td></lod<>	8087.96	23141.64	274.32	8038.56	2913.14	1460.24	-0.11	454.70	16.49	70.33	<lod 1<="" td=""><td>0.66 18</td><td>3087.22</td><td>136.84</td><td>13941.59</td><td>80.95</td><td>89.39</td><td>126.90 257.53</td></lod>	0.66 18	3087.22	136.84	13941.59	80.95	89.39	126.90 257.53
HOR1-39	VER	Control	691487.78	231448.62	44574.03	<lod< td=""><td>7849.12</td><td>29233.23</td><td>435.39</td><td>10699.43</td><td>4604.73</td><td>43.15</td><td>-12.92</td><td>478.74</td><td>0.16</td><td>126.92</td><td>48.83 10</td><td>6.51 2</td><td>2749.75</td><td>159.66</td><td>900.80</td><td>110.49</td><td>130.21</td><td>81.85 346.92</td></lod<>	7849.12	29233.23	435.39	10699.43	4604.73	43.15	-12.92	478.74	0.16	126.92	48.83 10	6.51 2	2749.75	159.66	900.80	110.49	130.21	81.85 346.92
HOR1-40	VER	Control	576191.72	132927.61	37727.92	<lod< td=""><td>11180.21</td><td>25053.83</td><td>388.35</td><td>7902.19</td><td>5989.07</td><td><lod< td=""><td>-16.08</td><td>385.42</td><td>2.34</td><td>186.82</td><td><lod 1<="" td=""><td>1.66 1</td><td>037.67</td><td>137.20</td><td>1213.10</td><td>100.50</td><td>93.63</td><td>91.29 373.75</td></lod></td></lod<></td></lod<>	11180.21	25053.83	388.35	7902.19	5989.07	<lod< td=""><td>-16.08</td><td>385.42</td><td>2.34</td><td>186.82</td><td><lod 1<="" td=""><td>1.66 1</td><td>037.67</td><td>137.20</td><td>1213.10</td><td>100.50</td><td>93.63</td><td>91.29 373.75</td></lod></td></lod<>	-16.08	385.42	2.34	186.82	<lod 1<="" td=""><td>1.66 1</td><td>037.67</td><td>137.20</td><td>1213.10</td><td>100.50</td><td>93.63</td><td>91.29 373.75</td></lod>	1.66 1	037.67	137.20	1213.10	100.50	93.63	91.29 373.75
HOR1-41	VER	Control	624676.10	190356.68	46665.02	<lod< td=""><td>9077.47</td><td>27811.90</td><td>44.90</td><td>8349.67</td><td>2972.06</td><td>33.18</td><td>-2.74</td><td>459.25</td><td>1.79</td><td>102.00</td><td>30.60 1</td><td>1.68 1</td><td>670.15</td><td>141.29</td><td>593.15</td><td>95.54</td><td>94.92</td><td>76.71 232.96</td></lod<>	9077.47	27811.90	44.90	8349.67	2972.06	33.18	-2.74	459.25	1.79	102.00	30.60 1	1.68 1	670.15	141.29	593.15	95.54	94.92	76.71 232.96
HOR1-42	VER	Control	651407.32	197196.99	37856.08	<lod< td=""><td>6910.09</td><td>24760.63</td><td>107.39</td><td>9356.35</td><td>2832.00</td><td><lod< td=""><td>-33.95</td><td>328.53</td><td>10.03</td><td>95.30</td><td>559.46 1</td><td>5.49 4</td><td>1883.26</td><td>148.93</td><td>2392.93</td><td>101.04</td><td>105.70</td><td>258.25 295.89</td></lod<></td></lod<>	6910.09	24760.63	107.39	9356.35	2832.00	<lod< td=""><td>-33.95</td><td>328.53</td><td>10.03</td><td>95.30</td><td>559.46 1</td><td>5.49 4</td><td>1883.26</td><td>148.93</td><td>2392.93</td><td>101.04</td><td>105.70</td><td>258.25 295.89</td></lod<>	-33.95	328.53	10.03	95.30	559.46 1	5.49 4	1883.26	148.93	2392.93	101.04	105.70	258.25 295.89
HOR1-43	VER	Control	687481.88	199703.58	38109.54	<lod< td=""><td>7025.38</td><td>24383.91</td><td>51.24</td><td>9699.48</td><td>2172.26</td><td>48.95</td><td>-5.42</td><td>417.06</td><td>1.36</td><td>84.09</td><td>32.67 1</td><td>5.86 1</td><td>285.56</td><td>145.23</td><td>1301.37</td><td>98.23</td><td>109.72</td><td>53.69 350.52</td></lod<>	7025.38	24383.91	51.24	9699.48	2172.26	48.95	-5.42	417.06	1.36	84.09	32.67 1	5.86 1	285.56	145.23	1301.37	98.23	109.72	53.69 350.52
HOR1-44	VER	Control	647155.67	208448.91	41990.05	<lod< td=""><td>8740.88</td><td>26929.52</td><td>42.11</td><td>9755.38</td><td>2211.05</td><td><lod< td=""><td>-17.33</td><td>426.76</td><td>9.39</td><td>129.59</td><td>32.18 1</td><td>4.76</td><td>861.82</td><td>156.53</td><td>1316.60</td><td>102.14</td><td>115.40</td><td>55.87 295.60</td></lod<></td></lod<>	8740.88	26929.52	42.11	9755.38	2211.05	<lod< td=""><td>-17.33</td><td>426.76</td><td>9.39</td><td>129.59</td><td>32.18 1</td><td>4.76</td><td>861.82</td><td>156.53</td><td>1316.60</td><td>102.14</td><td>115.40</td><td>55.87 295.60</td></lod<>	-17.33	426.76	9.39	129.59	32.18 1	4.76	861.82	156.53	1316.60	102.14	115.40	55.87 295.60
HOR1-45	VER	Control	657328.18	190382.25	42779.79	<lod< td=""><td>7628.41</td><td>26320.10</td><td>87.24</td><td>9215.06</td><td>549.05</td><td>54.08</td><td>9.51</td><td>456.37</td><td>3.28</td><td>116.00</td><td>27.93 1</td><td>5.04 6</td><td>666.84</td><td>148.26</td><td>1512.81</td><td>105.38</td><td>92.77</td><td>48.37 289.09</td></lod<>	7628.41	26320.10	87.24	9215.06	549.05	54.08	9.51	456.37	3.28	116.00	27.93 1	5.04 6	666.84	148.26	1512.81	105.38	92.77	48.37 289.09
HOR1-46	VER	Control	638355.62	201679.78	44426.61	<lod< td=""><td>7417.89</td><td>25478.47</td><td>117.12</td><td>9037.93</td><td>2075.22</td><td>35.37</td><td>-4.02</td><td>426.96</td><td>1.52</td><td>99.63</td><td>32.59 1</td><td>4.82</td><td>492.98</td><td>149.83</td><td>2184.14</td><td>106.03</td><td>101.29</td><td>52.78 257.68</td></lod<>	7417.89	25478.47	117.12	9037.93	2075.22	35.37	-4.02	426.96	1.52	99.63	32.59 1	4.82	492.98	149.83	2184.14	106.03	101.29	52.78 257.68
HOR1-47	VER	Control	636510.34	173154.10	30776.17	<lod< td=""><td>6898.70</td><td>23839.00</td><td>14.09</td><td>10139.29</td><td>1590.97</td><td>67.84</td><td>-19.61</td><td>326.16</td><td>1.84</td><td>80.12</td><td>30.39 1</td><td>8.11 3</td><td>3490.64</td><td>140.68</td><td>5199.82</td><td>98.25</td><td>94.43</td><td>44.23 325.63</td></lod<>	6898.70	23839.00	14.09	10139.29	1590.97	67.84	-19.61	326.16	1.84	80.12	30.39 1	8.11 3	3490.64	140.68	5199.82	98.25	94.43	44.23 325.63
HOR1-48	VER	Control	612648.49	195470.23	37466.21	<lod< td=""><td>9610.68</td><td>26757.77</td><td>316.43</td><td>8305.75</td><td>3804.55</td><td>26.89</td><td>-10.43</td><td>495.23</td><td>6.00</td><td>118.98</td><td>33.25 1</td><td>4.66</td><td>252.37</td><td>150.54</td><td>979.63</td><td>130.48</td><td>134.14</td><td>85.33 348.69</td></lod<>	9610.68	26757.77	316.43	8305.75	3804.55	26.89	-10.43	495.23	6.00	118.98	33.25 1	4.66	252.37	150.54	979.63	130.48	134.14	85.33 348.69
HOR1-49	VER	Control	626861.11	182627.80	38805.59	<lod< td=""><td>7649.55</td><td>25230.93</td><td>110.43</td><td>8723.08</td><td>5190.40</td><td>270.24</td><td>-5.70</td><td>440.17</td><td>3.21</td><td>97.44</td><td>30.96 1</td><td>2.93 1</td><td>604.61</td><td>145.87</td><td>7183.61</td><td>98.48</td><td>159.38</td><td>55.21 240.03</td></lod<>	7649.55	25230.93	110.43	8723.08	5190.40	270.24	-5.70	440.17	3.21	97.44	30.96 1	2.93 1	604.61	145.87	7183.61	98.48	159.38	55.21 240.03
HOR1-50	VFR	Control	643856 56	181951 87	46306.84		7582.62	26170 29	111 15	9143 32	1846 10	5.60	-0.81	417 15	-4.06	95.28	31.55 1	4 07	873.05	148 72	1098.69	93.01	104.80	52 62 325 00
HOR2-1	VFR	Control	598936 41	193920.61	51348 21	4995 89	7335 16	26437 74	48.83	9470 20	2026.32	70.32	8 76	465.62	-7 76	124 40	57 38 1	6.02 1	127 80	154 26	3272 01	105 59	110.46	47 21 300 21
HOR2-2	VFR	Control	646401 46	175707.83	44126.61	3793.02	7529.06	24117.88	151.07	8604 67	1374.96	20.42	7 84	428.90	-7 19	89.57	65.05 1	3 29	333.29	150 12	430.43	96.60	85.52	53.87 300.47
HOR2=3	VER	Control	711537.00	194094 17	29680 11		7612.42	24578.90	10 74	9269 11	1206.13		-15.82	322 38	-5 50	56 35		6 95	637 38	140 24	-167.44	105 70	96.17	67 24 387 56
HOR2-4	VER	Control	657427.60	221770.95	64007 92	10058 34	8285 74	26479.26	72.67	10450.62	3043 39	250.27	-29.60	378.85	12 17	146 38	34 57 1	679 1	344 60	157 54	1293 72	112 66	123.18	62 75 348 39
HOR2-5	VFR	Control	695937 79	199241 57	42142 97	7957.08	7591.65	27727 19	220.97	9352.02	273.82	27.02	30.23	444 84	2 77	61 75	52 65 1	5.02	216.30	146.84	-310.46	98 17	92.18	38 77 285 79
HOR2-6	VER	Control	576447.18	180525.41	47684.53	8736.46	7662.04	25973.05	108.13	8837.53	310.26	119.40	23.79	478.50	-1.19	93.26	54.32 1	7.24	907.22	160.05	3867.72	110.17	91.58	96.67 348.94
HOR2-7	VER	Control	620114.58	205102.16	50945.39	4731.73	8721.87	27093.67	111.49	9914.94	2946.23	10.74	-3.62	506.04	-4.32	144.06	36.74 1	6.50	379.68	156.19	147.47	96.36	99.79	85.83 355.85
HOR2-8	VFR	Control	682258 10	209500.68	51236 40	6913.05	7861.83	25881 92	119 99	9761.02	2672 75	21.83	24.63	467 70	-5.15	100 44	51.84 1	6 22	173 28	157 02	161 10	111 47	121 53	59.83 381.11
HOR2-9	VFR	Control	616439.90	203368 24	44029.93	4897 29	7484 14	26510.02	78.83	10181 99	3797 70	12.32	1.32	444 41	-4.86	111 94	26.39 1	6.07 1	254 55	150.59	316.54	97 69	101 55	75.98 314.35
HOR2-10	VER	Control	648040.86	207528.61	44140 72	12476 58	8074 59	26539.49	65.28	10427.01	2016.03	9.50	18 45	510.67	-6.31	112 90	38 38 1	6.95	334.93	156.03	58 50	105.09	101.57	64 89 325 80
HOR2-11	VER	Control	638622.42	191713.68	44716.67	4755.85	7819 44	25121.83	159 16	9825.62	1781 41	15.95	-14 67	423 17	-3.87	127.80	10 00 1	5 33	266.30	144 11	-212 53	96.23	86.76	66 48 314 94
HOR2-12	VFR	Control	649902 14	193825.61	48219 99	8428.33	7745.89	26147.39	69 77	9719 11	1427.30		9 16	405.31	-2.39	115 20	29.60 1	5.21 3	3641 68	150 18	1617 53	102 57	61 47	48 99 343 68
HOR2-13	VER	Control	628311.61	200596 21	45462.97	6010 77	7034.96	25455 34	69.37	10105.85	2082.85	-6.45	12 19	520.12	-2 71	135 74	37 59 1	5.81	406 50	150.69	-80.13	101 38	94.62	53 71 293 05
HOR2-14	VER	Control	631745.84	200503.59	34646 35	7113.43	7119 47	25299 70	118 34	8833.97	1883.89	9.66	16.41	555.45	-1 40	122.67		3 34	348 97	149.03	-397.01	106.73	133.28	59.80 303.43
HOR2-15	VER	Control	620568.83	201776.03	54480 29	4048.48	7357.56	26391 43	159 18	10432 78	2792.02	13 57	8 79	483 23	-1 38	154.05	29.57 1	6 32	549 73	151 72	-180.65	99.55	132 14	103 70 289 87
HOR2-16	VER	Control	661717 69	216927 90	49855 81	4140 34	7095 72	23078 13	345 75	10250 70	450.84	37.09	3 71	400.20	-0.93	111 39	62 74 1	6.16	682 25	145.83	374 32	90.00	93.28	65 31 314 62
HOR2-17	VER	Control	611193.24	198067.89	53079 10	8837 31	6873.63	25433.16	268.82	11054.09	1844 75	16 71	-24 31	417 75	-0.15	161.04	23.52 1	7 94	346 72	144 27	191 15	96 74	101 60	74 95 356 01
HOR2-18	VER	Control	666322.92	199437.87	54247.45	<lod< td=""><td>7527.44</td><td>24550.33</td><td>165.56</td><td>9813.24</td><td>2563.57</td><td>44.84</td><td>2.75</td><td>454.61</td><td>-4.39</td><td>129.53</td><td><lod 14<="" td=""><td>4.61 1</td><td>138.92</td><td>142.99</td><td>98.85</td><td>94.88</td><td>96.98</td><td>50.69 347.84</td></lod></td></lod<>	7527.44	24550.33	165.56	9813.24	2563.57	44.84	2.75	454.61	-4.39	129.53	<lod 14<="" td=""><td>4.61 1</td><td>138.92</td><td>142.99</td><td>98.85</td><td>94.88</td><td>96.98</td><td>50.69 347.84</td></lod>	4.61 1	138.92	142.99	98.85	94.88	96.98	50.69 347.84
HOR2-19	VFR	Control	602802.01	182945 77	44253 33	5829 92	7229 59	24052 94	61.39	10428.03	1759.39	-3.63	-12 14	415 47	-1 29	135.00	<1 OD 1	5.81	746 15	145 29	-89.46	90.64	99 77	50.96 296.82
HOR2-20	VER	Control	672543.22	214555.01	52361.84	6400 56	7237.99	26729.94	148 44	9856 64	2460.89	3 27	2 31	483 53	0.67	164 74	54 87 1	6.96	307.76	156 71	-284 88	103.08	132.80	55.69 278.02
HOR2-21	VER	Control	576647.87	179801.09	48839.95	8206.63	7480.25	24692.69	183 25	9411 72	1964 27	14.80	6.28	447 63	-0.80	92.68	40.45 1	8.06	717 74	153 25	-7.50	107.29	62.39	56 25 358 64
HOR2-22	VER	Control	654381 21	209730.03	50271 28		7404 78	25596.62	198 57	10127 56	1851 19	11.00	26.21	548.01	1 34	106.43	45.09.1	8.02	146 10	155.68	-81 32	104.99	106 31	50.57 313.65
HOR2-23	VFR	Control	601544.03	158994 69	46839.26	8756 93	9350.53	24680.51	263.01	9673.32	2688 77	28.06	15.97	539 70	-2.48	93.63	31.08 1	8.50	178 94	152.81	513 76	99.45	113.87	68 74 345 99
HOR2-24	VFR	Control	654085 70	218705 26	49907 44	5517 25	7513 32	26407 49	423 50	10210 70	2159 41	13.62	5.98	478 61	-0.42	113.98	38.32 1	8 23	278 65	154 88	236 58	106.01	86 78	40.91 397.69
HOR2-25	VER	Control	631607.23	205492.24	50807.87	<lod< td=""><td>8753.05</td><td>27092.49</td><td>120.73</td><td>10199.64</td><td>2942.15</td><td>25.31</td><td>7.05</td><td>499.80</td><td>-5.21</td><td>112.87</td><td>29.48 1</td><td>6.63</td><td>536.80</td><td>148.58</td><td>-133.91</td><td>94.82</td><td>147.11</td><td>64.20 314.87</td></lod<>	8753.05	27092.49	120.73	10199.64	2942.15	25.31	7.05	499.80	-5.21	112.87	29.48 1	6.63	536.80	148.58	-133.91	94.82	147.11	64.20 314.87
HOR2-26	VER	Control	609871.39	180017.01	48994.24	8287.79	7479.87	25551.88	104.06	10142.08	2562.72	39.01	5.72	460.28	1.45	127.78	30.56 1	7.66	672.11	147.93	477.45	103.56	91.26	48.65 329.50
HOR2-27	VFR	Control	556165.00	186949 65	64231 77	4573 37	7816 19	21683 76	543 57	10848 63	2502 11	25.09	21.63	461 51	0.64	138 60	26 25 1	7 22	179.57	132 14	545.88	81.36	125 55	73 94 351 55
HOR2-28	VER	Control	589020.07	177791.08	50231.07	4826.38	9098.69	24279.80	312.20	9234.42	3712.41	279.86	10.16	504.27	2.41	100.56	33.39 1	4.75 4	770.47	151.28	2594.78	97.80	85.72	81.22 320.71
HOR2-29	VFR	Control	655644 71	215182.06	46038 37	7610.87	7663.28	25742 35	329.99	10425 19	2295 79	16 12	8 45	491 45	-3.24	105.39	33 17 1	7 43	244 01	150 41	298 90	101 81	101 80	77 02 329 25
HOR2-30	VER	Control	642065.92	205654.80	47819.95	5163.12	#VALUE!	25585.87	148.26	10287.15	2100.15	4.06	-10.35	408.25	-7.35	100.10	25.49 1	7.28	297.49	147.10	-425.04	102.36	76.18	68.03 324.21
HOR2-31	VER	Control	643487.80	190422.44	47264.14	<lod< td=""><td>6948.05</td><td>24900.85</td><td>133.37</td><td>10182.67</td><td>1349.53</td><td>5.76</td><td>14.72</td><td>485.01</td><td>-9.93</td><td>108.51</td><td>24.76 1</td><td>7.53</td><td>315.67</td><td>151.71</td><td>37.14</td><td>99.90</td><td>124.53</td><td>68.03 307.81</td></lod<>	6948.05	24900.85	133.37	10182.67	1349.53	5.76	14.72	485.01	-9.93	108.51	24.76 1	7.53	315.67	151.71	37.14	99.90	124.53	68.03 307.81
HOR2-32	VER	Control	647398.75	206510.32	48996.98	5102.05	7396.92	25683.59	308.48	10607.93	3835.96	19.03	-0.80	448.17	-6.11	116.12	30.30 1	8.48	554.03	152.12	-132.98	99.44	135.61	91.46 345.88
HOR2-33	VER	Control	648093.58	199056.38	51508.86	7838.70	7375.41	25961.11	103.84	9839.22	1784.03	-0.94	11.64	467.74	11.87	113.75	22.21 1	7.18	391.75	151.49	-359.39	102.62	109.98	58.44 351.07
HOR2-34	VER	Control	680522.98	230656.92	53018.68	9488.37	7124.60	26136.69	72.54	10631.52	1170.25	17.13	4.02	481.54	-6.49	126.05	18.59 1	7.84	391.41	155.92	-181.08	107.25	141.94	61.42 303.27
HOR2-35	VER	Control	656090.38	187169.80	43057.04	<lod< td=""><td>8724.31</td><td>24195.67</td><td>155.50</td><td>9568.37</td><td>4028.72</td><td>2.60</td><td>-2.11</td><td>495.87</td><td>-11.28</td><td>103.25</td><td>15.98 1</td><td>5.61</td><td>295.86</td><td>138.92</td><td>-533.54</td><td>88.44</td><td>120.31</td><td>101.08 315.50</td></lod<>	8724.31	24195.67	155.50	9568.37	4028.72	2.60	-2.11	495.87	-11.28	103.25	15.98 1	5.61	295.86	138.92	-533.54	88.44	120.31	101.08 315.50
HOR2-36	VER	Control	660457.24	199812.81	49619.09	<lod< td=""><td>7868.17</td><td>26052.97</td><td>168.38</td><td>10367.58</td><td>3691.97</td><td>30.31</td><td>-1.18</td><td>529.17</td><td>-8.01</td><td>98.31</td><td>22.52 1</td><td>5.89</td><td>679.08</td><td>150.57</td><td>227.81</td><td>96.93</td><td>116.95</td><td>76.24 282.41</td></lod<>	7868.17	26052.97	168.38	10367.58	3691.97	30.31	-1.18	529.17	-8.01	98.31	22.52 1	5.89	679.08	150.57	227.81	96.93	116.95	76.24 282.41
HOR2-37	VER	Control	669310.56	208657.28	52279.06	5873.11	7322.06	26138.48	181.68	9980.68	2612.81	<lod< td=""><td>6.75</td><td>463.65</td><td>-3.39</td><td>112.41</td><td>28.50 1</td><td>6.85</td><td>262.12</td><td>155.61</td><td>52.02</td><td>116.69</td><td>146.99</td><td>86.65 320.17</td></lod<>	6.75	463.65	-3.39	112.41	28.50 1	6.85	262.12	155.61	52.02	116.69	146.99	86.65 320.17
HOR2-38	VER	Control	496921.52	157120.71	47101.05	<lod< td=""><td>8375.99</td><td>27594.38</td><td>183.23</td><td>10018.57</td><td>4251.12</td><td>-3.59</td><td>23.09</td><td>568.73</td><td>-3.23</td><td>137.64</td><td>21.25 1</td><td>6.61</td><td>375.51</td><td>151.15</td><td>7212.46</td><td>95.51</td><td>118.33</td><td>99.44 282.37</td></lod<>	8375.99	27594.38	183.23	10018.57	4251.12	-3.59	23.09	568.73	-3.23	137.64	21.25 1	6.61	375.51	151.15	7212.46	95.51	118.33	99.44 282.37
HOR2-39	VER	Control	605655.81	182569.25	51136.75	11161.19	7185.43	25490.36	169.20	10048.12	1302.42	10.01	3.82	424.19	-9.49	104.06	31.83 1	7.34	280.46	147.90	-363.02	105.11	108.24	64.75 358.93
HOR2-40	VER	Control	599556.21	157894.93	45345.54	5560.25	8959.82	25358.83	199.82	9019.68	2602.06	19.11	42.57	534.52	-8.36	118.39	52.50 14	4.29	195.02	151.01	616.00	108.92	121.43	44.53 300.93
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Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K ₂ O	*MnO	*TiO ₂	*P ₂ O ₅	*As	*Ag	*Ba	*Bi	*Cr	*Cu	*Nb	*Pb	*Rb	*S	*Sr	*V	*Zn	*Zr
HOR2-41	VER	Control	571140.45	165409.37	49808.66	5475.81	10058.22	24172.66	189.11	9251.14	5623.79	8.51	16.68	539.26	-5.14	125.55	56.29	14.44	984.45	145.42	922.37	85.42	118.85	260.95	318.56
HOR2-42	VER	Control	667679.88	199629.73	49029.33	6322.25	8258.33	25821.59	109.35	10348.22	2475.21	12.18	18.98	488.74	-5.07	119.62	38.78	18.17	419.64	155.29	1107.74	105.62	129.90	54.63	389.96
HOR2-43	VER	Control	555571.69	181128.60	53067.67	6469.23	8372.10	26553.08	<lod< td=""><td>9938.45</td><td>571.07</td><td>86.56</td><td>1.27</td><td>371.76</td><td>-6.42</td><td>143.64</td><td>46.32</td><td>17.42</td><td>914.73</td><td>164.69</td><td>205.84</td><td>116.22</td><td>109.04</td><td>63.83</td><td>389.67</td></lod<>	9938.45	571.07	86.56	1.27	371.76	-6.42	143.64	46.32	17.42	914.73	164.69	205.84	116.22	109.04	63.83	389.67
HOR2-44	VER	Control	596029.46	192199.30	57606.89	6658.05	8192.26	25651.42	184.32	10168.41	1596.61	5.94	42.30	548.66	-8.43	146.67	55.64	17.00	315.56	153.71	158.66	108.88	124.69	58.99	304.92
HOR2-45	VER	Control	605816.45	196399.69	53235.04	<lod< td=""><td><lod< td=""><td>26474.08</td><td>124.90</td><td>9899.71</td><td>1380.99</td><td>83.64</td><td>17.75</td><td>461.47</td><td>-8.04</td><td>120.40</td><td>66.97</td><td>15.69</td><td>1405.90</td><td>153.22</td><td>1759.12</td><td>105.21</td><td>115.46</td><td>56.49</td><td>322.49</td></lod<></td></lod<>	<lod< td=""><td>26474.08</td><td>124.90</td><td>9899.71</td><td>1380.99</td><td>83.64</td><td>17.75</td><td>461.47</td><td>-8.04</td><td>120.40</td><td>66.97</td><td>15.69</td><td>1405.90</td><td>153.22</td><td>1759.12</td><td>105.21</td><td>115.46</td><td>56.49</td><td>322.49</td></lod<>	26474.08	124.90	9899.71	1380.99	83.64	17.75	461.47	-8.04	120.40	66.97	15.69	1405.90	153.22	1759.12	105.21	115.46	56.49	322.49
HOR2-46	VER	Control	620432.26	206884.29	58476.81	<lod< td=""><td>8933.47</td><td>24883.17</td><td>272.75</td><td>10055.76</td><td>2213.25</td><td>5.13</td><td>13.50</td><td>502.99</td><td>-3.06</td><td>128.29</td><td>46.69</td><td>15.95</td><td>1070.76</td><td>153.01</td><td>1098.29</td><td>105.17</td><td>146.62</td><td>84.84</td><td>323.13</td></lod<>	8933.47	24883.17	272.75	10055.76	2213.25	5.13	13.50	502.99	-3.06	128.29	46.69	15.95	1070.76	153.01	1098.29	105.17	146.62	84.84	323.13
HOR2-47	VER	Control	653156.12	202115.56	48279.90	<lod< td=""><td>8556.81</td><td>24396.80</td><td>214.63</td><td>9848.92</td><td>2628.55</td><td><lod< td=""><td>30.13</td><td>444.67</td><td>-0.93</td><td>109.91</td><td>51.81</td><td>17.00</td><td>3240.66</td><td>147.12</td><td>2354.20</td><td>99.36</td><td>96.34</td><td>76.93</td><td>404.13</td></lod<></td></lod<>	8556.81	24396.80	214.63	9848.92	2628.55	<lod< td=""><td>30.13</td><td>444.67</td><td>-0.93</td><td>109.91</td><td>51.81</td><td>17.00</td><td>3240.66</td><td>147.12</td><td>2354.20</td><td>99.36</td><td>96.34</td><td>76.93</td><td>404.13</td></lod<>	30.13	444.67	-0.93	109.91	51.81	17.00	3240.66	147.12	2354.20	99.36	96.34	76.93	404.13
HOR2-48	VER	Control	619746.52	173856.15	51614.03	<lod< td=""><td><lod< td=""><td>24283.81</td><td>88.50</td><td>9757.02</td><td>2369.87</td><td>34.18</td><td>30,74</td><td>503.67</td><td>-4.56</td><td>121.98</td><td>48.74</td><td>15.97</td><td>302.47</td><td>148.43</td><td>1266.45</td><td>100.74</td><td>125.26</td><td>57.63</td><td>344.85</td></lod<></td></lod<>	<lod< td=""><td>24283.81</td><td>88.50</td><td>9757.02</td><td>2369.87</td><td>34.18</td><td>30,74</td><td>503.67</td><td>-4.56</td><td>121.98</td><td>48.74</td><td>15.97</td><td>302.47</td><td>148.43</td><td>1266.45</td><td>100.74</td><td>125.26</td><td>57.63</td><td>344.85</td></lod<>	24283.81	88.50	9757.02	2369.87	34.18	30,74	503.67	-4.56	121.98	48.74	15.97	302.47	148.43	1266.45	100.74	125.26	57.63	344.85
HOR2-49	VER	Control	657479.63	189522.83	42537.17	<lod< td=""><td>12205.31</td><td>25997.73</td><td>136.25</td><td>9948.49</td><td>3130.39</td><td>62.89</td><td>21.60</td><td>490.65</td><td>-4.22</td><td>99.16</td><td>169.32</td><td>15.23</td><td>409.98</td><td>152.01</td><td>796.35</td><td>100.97</td><td>109.84</td><td>65.17</td><td>340.07</td></lod<>	12205.31	25997.73	136.25	9948.49	3130.39	62.89	21.60	490.65	-4.22	99.16	169.32	15.23	409.98	152.01	796.35	100.97	109.84	65.17	340.07
HOR2-50	VER	Control	605704.50	207849.15	51803.84	<lod< td=""><td>8201.05</td><td>26326.09</td><td>846.97</td><td>10629.57</td><td>4632.51</td><td>68.49</td><td>15.22</td><td>489.80</td><td>-5.48</td><td>137.76</td><td>38.42</td><td>17.25</td><td>829.31</td><td>148.24</td><td>2603.70</td><td>93.31</td><td>136.38</td><td>108.55</td><td>315.12</td></lod<>	8201.05	26326.09	846.97	10629.57	4632.51	68.49	15.22	489.80	-5.48	137.76	38.42	17.25	829.31	148.24	2603.70	93.31	136.38	108.55	315.12
PLC1	WARC	Control	594862.32	192065.11	25323.37	9706.09	13799.81	34386.71	<lod< td=""><td>7553.02</td><td>8376.03</td><td>23.21</td><td><lod< td=""><td>213.79</td><td>-4.03</td><td>14.33</td><td>20.32</td><td>10.11</td><td>124.47</td><td>147.59</td><td>419.77</td><td>133.87</td><td>126.03</td><td>131.19</td><td>187.25</td></lod<></td></lod<>	7553.02	8376.03	23.21	<lod< td=""><td>213.79</td><td>-4.03</td><td>14.33</td><td>20.32</td><td>10.11</td><td>124.47</td><td>147.59</td><td>419.77</td><td>133.87</td><td>126.03</td><td>131.19</td><td>187.25</td></lod<>	213.79	-4.03	14.33	20.32	10.11	124.47	147.59	419.77	133.87	126.03	131.19	187.25
PLC2	WARC	Control	499993.51	126010.42	20973.41	8094.72	10274.36	24955.99	126.66	5364.01	8970.22	1409.70	-36.29	341.69	18.75	12.89	38.56	7.73	8214.79	144.39	21251.39	122.15	69.47	93.32	173.13
PLC3	WARC	Control	540289.27	162740.38	15864.23	40188.47	8600.56	20586.82	113.36	8349.97	11288.93	1289.57	-17.60	399.01	30.28	12.69	88.45	14.76	8925.11	139.04	8364.43	133.62	73.79	54.17	238.10
PLC4	WARC	Control	534366.21	160536.88	21200.60	17330.54	9769.76	25943.21	544.72	5782.07	6341.35	5158.07	-22.21	448.07	46.30	92.38	137.80	7.18	37362.68	142.75	15660.76	105.95	65.96	117.98	159.15
PLC5	WARC	Control	517126.70	150528.08	22000.30	5784.22	9220.66	24102.22	172.69	6208.93	6431.88	1312.94	-10.11	440.43	30.50	11.74	76.12	9.04	9093.33	143.54	26882.08	101.14	54.57	108.13	173.95
PLC6	WARC	Control	444260.41	112765.11	19741.88	14573.08	17236.76	20209.47	229.34	4905.48	35461.92	2004.55	-24.40	327.58	22.59	12.38	76.55	6.82	11561.46	144.15	33008.01	114.18	43.83	106.41	169.31
PLC7	WARC	Control	332184.30	90469.71	15394.77	12347.02	17716.70	16215.10	292.05	4029.34	37989.58	2587.17	-11.42	451.43	<lod< td=""><td>9.81</td><td>54.63</td><td>3.26</td><td>15717.98</td><td>137.16</td><td>41074.84</td><td>103.99</td><td>45.73</td><td>114.72</td><td>136.68</td></lod<>	9.81	54.63	3.26	15717.98	137.16	41074.84	103.99	45.73	114.72	136.68
PLC8	WARC	Control	569664.52	139327.43	20648.39	24512.99	9656.33	23335.37	164.88	5570.28	7405.80	281.88	-25.12	341.48	-8.25	30.42	71.14	6.90	2843.37	140.57	1536.06	104.90	46.06	97.78	167.08
PLC9	WARC	Control	451237.37	118463.01	15426.17	14631.95	12378.48	28814.81	192.39	4971.15	13764.78	3699.49	-17.62	542.66	<lod< td=""><td>8.27</td><td>141.54</td><td>9.53</td><td>21680.56</td><td>135.66</td><td>38855.08</td><td>173.85</td><td>43.83</td><td>128.26</td><td>194.22</td></lod<>	8.27	141.54	9.53	21680.56	135.66	38855.08	173.85	43.83	128.26	194.22
PLC10	WARC	Control	542041.77	153870.39	13065.73	28791.68	7816.56	18504.44	110.63	8111.15	9288.29	175.19	-15.08	274.08	-4.33	40.47	112.02	13.14	6705.94	128.61	3861.33	110.17	68.05	41.11	185.41
PLC11	WARC	Control	579362.74	139538.28	23634.80	5111.33	12396.98	26119.97	427.34	5127.29	3925.70	1568.49	10.33	482.54	9.02	38.74	109.30	6.70	15197.73	144.33	13205.71	118.38	49.70	424.46	162.44
PLC12	WARC	Control	398788.89	106183.61	16301.53	13663.13	10553.72	18973.32	196.02	4571.83	11646.20	2126.25	-26.46	462.19	-14.12	8.81	37.50	6.02	13151.71	138.51	36326.83	104.77	43.02	76.50	156.88
PLC13	WARC	Control	583197.82	166877.59	16710.01	7427.26	9981.42	22776.63	<lod< td=""><td>9386.17</td><td>9298.33</td><td>378.09</td><td>-24.52</td><td>352.69</td><td>-10.36</td><td>50.15</td><td>43.13</td><td>14.58</td><td>1873.32</td><td>132,48</td><td>5457.57</td><td>127.18</td><td>100.48</td><td>36.35</td><td>232.01</td></lod<>	9386.17	9298.33	378.09	-24.52	352.69	-10.36	50.15	43.13	14.58	1873.32	132,48	5457.57	127.18	100.48	36.35	232.01
PLC14	WARC	Control	500558.95	169605.78	24757.03	9190.55	13484.36	32008.67	119.01	6744.87	21786.08	631.11	-21.34	243.62	-9.30	77.11	43.97	9.58	2341.07	143.56	22843.44	130.31	115.98	161.73	184.67
PLC15	WARC	Control	522646.10	137997.09	16706.31	8010.98	11112.33	19806.11	108.93	7468.54	13403.08	1199.67	-28.42	312.61	-6.50	50.16	38.61	16.54	7373.72	137.67	24107.74	103.40	92.04	36.78	231.08
PLC16	WARC	Control	595228.03	166516.46	22927.88	<lod< td=""><td>13156.60</td><td>23602.16</td><td>567.89</td><td>6496.93</td><td>13655.70</td><td>12.02</td><td><lod< td=""><td>380.79</td><td>-7.55</td><td>53.15</td><td>23.89</td><td>10.08</td><td>113.27</td><td>135.44</td><td>22.89</td><td>118.90</td><td>100.48</td><td>117.11</td><td>183.24</td></lod<></td></lod<>	13156.60	23602.16	567.89	6496.93	13655.70	12.02	<lod< td=""><td>380.79</td><td>-7.55</td><td>53.15</td><td>23.89</td><td>10.08</td><td>113.27</td><td>135.44</td><td>22.89</td><td>118.90</td><td>100.48</td><td>117.11</td><td>183.24</td></lod<>	380.79	-7.55	53.15	23.89	10.08	113.27	135.44	22.89	118.90	100.48	117.11	183.24
PLC17	WARC	Control	489789.36	160388.20	15722.87	8537.45	10667.70	38344.44	117.84	8964.60	16190.38	761.39	3.67	228.79	-4.25	51.25	64.03	16.69	3649.01	139.35	20381.51	132.20	92.33	34.95	236.24
PLC18	WARC	Control	613442.76	168783.92	23754.11	6117.37	12630.10	24506.32	120.24	6731.86	6970.85	0.49	-4.03	369.64	-7.47	48.94	25.95	9.85	94.94	139.70	-120.40	147.91	87.89	63.24	187.90
PLC19	WARC	Control	404933.70	113762.94	15842.45	21533.88	12108.06	16316.37	205.38	4710.28	10880.14	3612.29	-10.87	359.07	5.06	0.63	59.66	7.53	14911.10	134.84	49879.19	131.80	150.53	209.61	164.21
PLC20	WARC	Control	461845.90	127214.31	13369.19	12717.45	9626.18	18673.26	119.05	6174.29	10386.43	2673.95	-0.26	284.12	-2.90	-4.91	110.72	9.95	12444.04	128.54	42173.66	99.99	32.03	42.37	191.26
PLC21	WARC	Control	538172.59	174756.19	22899.66	20455.59	11398.46	28146.25	128.00	6229.97	8420.95	1367.94	<lod< td=""><td>215.36</td><td>-2.14</td><td>50.23</td><td>23.84</td><td>10.47</td><td>5943.29</td><td>148.42</td><td>32761.90</td><td>110.59</td><td>147.30</td><td>181.91</td><td>187.00</td></lod<>	215.36	-2.14	50.23	23.84	10.47	5943.29	148.42	32761.90	110.59	147.30	181.91	187.00
PLC22	WARC	Control	496161.42	132155.80	17024.88	15392.66	8107.19	21264.37	156.30	5146.68	8743.39	1717.58	33.48	238.62	<lod< td=""><td>14.53</td><td>32.98</td><td>3.79</td><td>7747.26</td><td>135.56</td><td>43993.30</td><td>94.89</td><td>208.21</td><td>176.35</td><td>153.50</td></lod<>	14.53	32.98	3.79	7747.26	135.56	43993.30	94.89	208.21	176.35	153.50
PLC23	WARC	Control	536911.65	150598.73	20845.41	4771.58	8750.25	22611.13	172.52	6130.11	6388.00	1576.45	-24.98	195.91	<lod< td=""><td>36.22</td><td>35.59</td><td>7.32</td><td>6912.00</td><td>142.87</td><td>17615.59</td><td>98.59</td><td>155.18</td><td>199.74</td><td>175.40</td></lod<>	36.22	35.59	7.32	6912.00	142.87	17615.59	98.59	155.18	199.74	175.40
PLC24	WARC	Control	550570.74	154608.28	19745.51	52769.31	8526.39	24320.10	491.39	6171.10	3928.79	160.36	-15.38	363.83	2.57	36.64	90.71	7.62	5486.18	134.74	462.49	98.03	52.18	85.01	172.43
PLC25	WARC	Control	574264.61	165974.46	25974.75	6346.52	12106.59	26637.80	<lod< td=""><td>6951.70</td><td>3325.05</td><td>3.01</td><td>-9.65</td><td>300.61</td><td>-7.76</td><td>69.17</td><td>42.03</td><td>8.79</td><td>52.65</td><td>138.91</td><td>-387.57</td><td>101.41</td><td>95.66</td><td>118.84</td><td>173.54</td></lod<>	6951.70	3325.05	3.01	-9.65	300.61	-7.76	69.17	42.03	8.79	52.65	138.91	-387.57	101.41	95.66	118.84	173.54
PLC26	WARC	Control	646988.10	201843.17	22622.82	6595.61	10167.93	26504.32	121.01	6772.13	5540.50	4.47	-11.83	359.72	-4.33	51.02	37.77	9.68	72.60	148.04	-414.66	131.96	108.25	225.45	195.98
PLC27	WARC	Control	510445.42	125107.45	44637.11	24074.22	11710.37	27104.03	268.23	6765.04	6566.14	170.13	3.59	344.94	-3.62	86.80	62.49	14.46	2345.42	145.32	1894.49	93.30	112.60	135.49	304.95
PLC28	WARC	Control	553682.94	149756.07	22350.09	19767.23	7658.02	24721.77	246.74	6133.98	1164.02	6316.63	-4.77	349.68	19.47	7.20	87.34	9.68	38778.28	141.51	2620.64	88.87	63.22	86.56	177.29
PLC29	WARC	Control	528700.82	137917.58	21912.04	7674.13	10191.93	25626.91	697.84	5656.95	9310.27	1535.54	-17.32	329.84	-6.81	23.92	41.38	6.88	8860.97	141.43	24734.56	109.90	36.02	176.79	167.69
PLC30	WARC	Control	564685.16	195311.25	25267.67	<lod< td=""><td>10411.75</td><td>26425.21</td><td>84.64</td><td>6281.42</td><td>2333.81</td><td>29.03</td><td>-34.22</td><td>328.59</td><td>-5.09</td><td>55.74</td><td>91.09</td><td>9.34</td><td>156.93</td><td>149.36</td><td>1154.30</td><td>148.41</td><td>84.83</td><td>139.59</td><td>182.49</td></lod<>	10411.75	26425.21	84.64	6281.42	2333.81	29.03	-34.22	328.59	-5.09	55.74	91.09	9.34	156.93	149.36	1154.30	148.41	84.83	139.59	182.49
PLC31	WARC	Control	476533.69	119353.13	19601.93	8989.87	14582.54	23041.56	263.39	5012.11	7443.09	3220.07	-28.42	387.45	-10.74	23.45	48.49	5.42	15738.76	139.40	35624.20	122.99	22.42	144.00	159.12
PLC32	WARC	Control	457077.95	117545.83	17855.13	12917.90	9398.64	18535.19	306.50	4497.98	5526.59	3011.41	14.73	524.78	-5.93	20.35	326.63	7.15	17975.98	138.85	37959.46	98.14	11.15	122.17	143.97
PLC33	WARC	Control	607572.20	195238.99	24902.50	9746.31	11676.50	28806.55	<lod< td=""><td>6495.38</td><td>13695.58</td><td>288.82</td><td>-30.43</td><td>249.91</td><td>-2.19</td><td>76.44</td><td>42.64</td><td>8.82</td><td>1461.91</td><td>146.47</td><td>14047.44</td><td>123.67</td><td>87.82</td><td>150.10</td><td>185.04</td></lod<>	6495.38	13695.58	288.82	-30.43	249.91	-2.19	76.44	42.64	8.82	1461.91	146.47	14047.44	123.67	87.82	150.10	185.04
PLC34	WARC	Control	546919.93	182138.02	26697.72	9133.23	9568.96	33330.47	185.94	7100.43	5116.87	166.81	-17.12	191.99	-8.18	82.31	50.30	9.35	982.48	151.76	5627.34	118.51	131.57	186.63	163.63
PLC35	WARC	Control	545112.57	186396.27	26158.72	12733.06	10086.51	28872.81	595.20	6536.36	7249.67	778.71	<lod< td=""><td>259.77</td><td>-4.12</td><td>76.22</td><td>39.80</td><td>9.93</td><td>2852.59</td><td>149.57</td><td>34248.33</td><td>136.04</td><td>101.81</td><td>166.64</td><td>168.42</td></lod<>	259.77	-4.12	76.22	39.80	9.93	2852.59	149.57	34248.33	136.04	101.81	166.64	168.42
PLC36	WARC	Control	610161.14	166548.34	11886.13	<lod< td=""><td>6866.07</td><td>23305.40</td><td>76.40</td><td>9532.72</td><td>9663.65</td><td>-0.75</td><td>-7.22</td><td>369.76</td><td>-0.97</td><td>50.96</td><td>89.74</td><td>16.88</td><td>150.46</td><td>144.34</td><td>40.39</td><td>98.62</td><td>72.28</td><td>92.61</td><td>197.15</td></lod<>	6866.07	23305.40	76.40	9532.72	9663.65	-0.75	-7.22	369.76	-0.97	50.96	89.74	16.88	150.46	144.34	40.39	98.62	72.28	92.61	197.15
PLC37	WARC	Control	612024.35	177891.45	33169.46	5064.54	8488.25	25204.11	72.27	7038.98	2521.49	-1.72	6.19	458.51	-5.11	89.96	37.19	13.87	193.07	150.02	414.65	119.11	110.33	91.91	172.50
PLC38	WARC	Control	592128.43	138892.74	25560.49	<lod< td=""><td>8734.30</td><td>24394.46</td><td>70.93</td><td>6299.43</td><td>6757.22</td><td>6.01</td><td>-16.48</td><td>367.54</td><td>-8.53</td><td>56.98</td><td><lod< td=""><td>10.06</td><td>89.07</td><td>145.97</td><td>-462.63</td><td>131.50</td><td>69.04</td><td>176.13</td><td>162.99</td></lod<></td></lod<>	8734.30	24394.46	70.93	6299.43	6757.22	6.01	-16.48	367.54	-8.53	56.98	<lod< td=""><td>10.06</td><td>89.07</td><td>145.97</td><td>-462.63</td><td>131.50</td><td>69.04</td><td>176.13</td><td>162.99</td></lod<>	10.06	89.07	145.97	-462.63	131.50	69.04	176.13	162.99
PLC39	WARC	Control	641102.65	206309.28	32837.48	5723.27	8674.21	27525.37	165.89	7810.75	8524.20	144.49	-8.74	358.00	-9.96	86.27	39.76	11.85	798.24	148.44	3714.64	126.39	136.20	90.45	190.13
PLC40	WARC	Control	558321.94	129031.92	23105.68	27981.34	11590.86	24807.13	192.03	6164.96	8866.19	5135.34	-5.66	344.95	13.91	24.22	59.11	8.26	33059.03	140.97	2576.06	132.18	88.45	176.12	181.60
PLC41	WARC	Control	576045.13	154252.86	17032.57	<lod< td=""><td>8564.88</td><td>19686.27</td><td>110.01</td><td>8714.61</td><td>9530.86</td><td>13.13</td><td>-19.65</td><td>293.91</td><td>-6.81</td><td>53.79</td><td><lod< td=""><td>14.14</td><td>529.32</td><td>131.71</td><td>824.93</td><td>99.22</td><td>73.00</td><td>59.08</td><td>207.02</td></lod<></td></lod<>	8564.88	19686.27	110.01	8714.61	9530.86	13.13	-19.65	293.91	-6.81	53.79	<lod< td=""><td>14.14</td><td>529.32</td><td>131.71</td><td>824.93</td><td>99.22</td><td>73.00</td><td>59.08</td><td>207.02</td></lod<>	14.14	529.32	131.71	824.93	99.22	73.00	59.08	207.02
PLC42	WARC	Control	494970.96	125009.78	17383.71	14182.86	17758.79	21361.37	162.62	5094.37	9548.48	1707.48	-13.71	447.78	<lod< td=""><td>17.09</td><td>66.24</td><td>9.45</td><td>17101.41</td><td>137.33</td><td>25335.73</td><td>107.60</td><td>19.57</td><td>237.60</td><td>128.23</td></lod<>	17.09	66.24	9.45	17101.41	137.33	25335.73	107.60	19.57	237.60	128.23
PLC43	WARC	Control	548617.21	160029.31	25335.78	5342.67	9274.47	27867.11	9.61	7066.61	5325.20	785.57	<lod< td=""><td>240.97</td><td>-7.32</td><td>60.29</td><td>32.14</td><td>8.87</td><td>5173.20</td><td>140.71</td><td>12116.72</td><td>103.21</td><td>160.32</td><td>110.77</td><td>167.22</td></lod<>	240.97	-7.32	60.29	32.14	8.87	5173.20	140.71	12116.72	103.21	160.32	110.77	167.22
PLC44	WARC	Control	558645.74	177677.96	16436.97	<lod< td=""><td>7532.35</td><td>19519.32</td><td><lod< td=""><td>11108.85</td><td>1265.07</td><td>41.07</td><td>-10.84</td><td>267.84</td><td>-4.92</td><td>60.73</td><td>36.69</td><td>21.51</td><td>1630.92</td><td>132.63</td><td>798.86</td><td>82.94</td><td>55.37</td><td>28.22</td><td>239.91</td></lod<></td></lod<>	7532.35	19519.32	<lod< td=""><td>11108.85</td><td>1265.07</td><td>41.07</td><td>-10.84</td><td>267.84</td><td>-4.92</td><td>60.73</td><td>36.69</td><td>21.51</td><td>1630.92</td><td>132.63</td><td>798.86</td><td>82.94</td><td>55.37</td><td>28.22</td><td>239.91</td></lod<>	11108.85	1265.07	41.07	-10.84	267.84	-4.92	60.73	36.69	21.51	1630.92	132.63	798.86	82.94	55.37	28.22	239.91
PLC45	WARC	Control	458511.32	142666.14	13217.34	16504.08	34717.65	17434.14	144.88	7045.81	8764.13	2277.53	15.42	460.68	19.88	14.02	67.38	11.66	26155.87	126.77	25921.85	69.52	96.21	38.13	184.76

Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K ₂ O	*MnO	*TiO ₂	*P205	*As	*Ag	*Ba	*Bi	*Cr	*Cu	*Nb	*Pb	*Rb	*S	*Sr	*V	*Zn	*Zr
PLC46	WARC	Control	594061.58	186077.93	21502.53	30091.38	11954.10	27857.57	348.29	6919.53	6819.45	7433.50	-18.92	256.44	12.45	55.37	94.36	8.43	39335.47	140.02	8907.35	89.64	83.91	105.17	161.64
PLC47	WARC	Control	515382.36	149698.98	26487.28	5487.88	9627.78	30544.39	48.54	7374.22	4738.14	382.86	7.36	175.18	-6.87	86.38	26.78	11.77	1786.18	148.16	13225.03	125.95	127.95	193.37	179.35
PLC48	WARC	Control	629437.82	183180.35	15721.49	3923.65	10743.08	21334.60	52.11	8016.15	5853.85	352.13	<lod< td=""><td>230.59</td><td>-9.96</td><td>5.88</td><td>27.86</td><td>10.74</td><td>2040.31</td><td>128.96</td><td>15438.50</td><td>91.09</td><td>34.21</td><td>52.45</td><td>213.45</td></lod<>	230.59	-9.96	5.88	27.86	10.74	2040.31	128.96	15438.50	91.09	34.21	52.45	213.45
PLC49	WARC	Control	608466.82	192309.52	16519.10	14951.81	9699.90	21682.98	84.65	8932.57	10056.72	1612.89	-17.37	301.07	3.15	35.98	44.64	15.52	6735.23	137.14	825.39	126.00	122.32	38.05	242.08
PLC50	WARC	Control	616217.10	217333.96	17747.90	33684.48	9914.92	22667.95	118.33	9859.90	5803.14	5399.74	<lod< td=""><td>286.11</td><td>11.41</td><td>59.55</td><td>81.98</td><td>16.45</td><td>22324.52</td><td>136.18</td><td>3308.97</td><td>114.96</td><td>102.04</td><td>40.68</td><td>230.83</td></lod<>	286.11	11.41	59.55	81.98	16.45	22324.52	136.18	3308.97	114.96	102.04	40.68	230.83
PLF1	DWW	Control	587186.79	193979.09	20148.36	6846.79	9122.55	20811.95	<lod< td=""><td>11306.67</td><td>4933.64</td><td>54.37</td><td>-30.83</td><td>234.21</td><td>-8.16</td><td>72.17</td><td>41.08</td><td>19.92</td><td>1835.01</td><td>137.04</td><td>1289.51</td><td>85.96</td><td>68.15</td><td>67.36</td><td>245.32</td></lod<>	11306.67	4933.64	54.37	-30.83	234.21	-8.16	72.17	41.08	19.92	1835.01	137.04	1289.51	85.96	68.15	67.36	245.32
PLF2	DWW	Control	508727.61	141217.76	14556.11	4682.22	13324.10	22528.27	215.70	7039.31	15669.40	633.16	-11.03	443.69	-6.99	66.47	107.06	12.55	3834.93	146.94	19787.34	144.36	142.58	47.95	202.01
PLF3	DWW	Control	489219.50	169994.86	14003.00	5823.76	10504.60	29008.62	<lod< td=""><td>8460.28</td><td>7724.95</td><td>585.96</td><td><lod< td=""><td>249.52</td><td>-9.76</td><td>79.14</td><td>53.85</td><td>13.27</td><td>3305.23</td><td>143.98</td><td>20636.35</td><td>80.68</td><td>106.61</td><td>31.59</td><td>219.43</td></lod<></td></lod<>	8460.28	7724.95	585.96	<lod< td=""><td>249.52</td><td>-9.76</td><td>79.14</td><td>53.85</td><td>13.27</td><td>3305.23</td><td>143.98</td><td>20636.35</td><td>80.68</td><td>106.61</td><td>31.59</td><td>219.43</td></lod<>	249.52	-9.76	79.14	53.85	13.27	3305.23	143.98	20636.35	80.68	106.61	31.59	219.43
PLF4	DWW	Control	457869.78	149276.42	15939.89	9203.65	9695.82	22309.11	79.32	9347.66	7523.58	563.32	-18.88	349.52	-8.36	82.06	76.34	16.24	2205.29	130.30	22288.87	110.04	77.39	41.29	198.79
PLF5	DWW	Control	495952.95	189930.24	15274.14	12456.73	9835.87	22796.97	121.26	8719.35	9152.82	676.72	-36.19	377.87	-5.23	64.33	33.15	14.38	3125.68	141.31	41308.23	144.18	83.10	44.51	216.62
PLF6	DWW	Control	572243.26	180206.47	14864.96	19163.77	10864.06	21327.27	90.36	8393.52	9003.17	39.57	-25.61	329.50	-7.51	52.57	261.56	13.19	797.71	138.84	1537.92	104.70	74.55	38.34	209.43
PLF7	DWW	Control	459901.42	188970.53	16754.83	30753.72	9336.87	21890.43	227.81	8685.58	6465.09	423.30	-22.64	221.06	-8.29	58.75	35.73	15.08	2781.00	142.18	6580.95	104.33	234.14	40.48	219.84
PLF8	DWW	Control	509250.86	174531.49	15818.08	14425.25	9998.62	21674.91	<lod< td=""><td>7789.78</td><td>10216.89</td><td>1297.13</td><td><lod< td=""><td>231.29</td><td>12.81</td><td>64.34</td><td>38.54</td><td>12.77</td><td>5089.91</td><td>142.09</td><td>44031.81</td><td>106.34</td><td>69.59</td><td>38.31</td><td>212.12</td></lod<></td></lod<>	7789.78	10216.89	1297.13	<lod< td=""><td>231.29</td><td>12.81</td><td>64.34</td><td>38.54</td><td>12.77</td><td>5089.91</td><td>142.09</td><td>44031.81</td><td>106.34</td><td>69.59</td><td>38.31</td><td>212.12</td></lod<>	231.29	12.81	64.34	38.54	12.77	5089.91	142.09	44031.81	106.34	69.59	38.31	212.12
PLF9	DWW	Control	572619.40	200112.61	15041.96	<lod< td=""><td>10441.93</td><td>20273.24</td><td>133.07</td><td>11686.34</td><td>3120.06</td><td>582.94</td><td>-21.01</td><td>298.27</td><td>-2.70</td><td>71.84</td><td>41.69</td><td>20.95</td><td>1822.52</td><td>135.95</td><td>1695.15</td><td>86.22</td><td>55.68</td><td>46.50</td><td>242.47</td></lod<>	10441.93	20273.24	133.07	11686.34	3120.06	582.94	-21.01	298.27	-2.70	71.84	41.69	20.95	1822.52	135.95	1695.15	86.22	55.68	46.50	242.47
PLF10	DWW	Control	724756.65	161634.17	14697.14	4351.41	7696.88	22193.82	<lod< td=""><td>9200.71</td><td>4470.96</td><td>5.93</td><td>-32.01</td><td>266.24</td><td>-7.81</td><td>35.31</td><td>45.34</td><td>15.64</td><td>311.42</td><td>132.24</td><td>27.83</td><td>96.56</td><td>60.88</td><td>41.49</td><td>241.32</td></lod<>	9200.71	4470.96	5.93	-32.01	266.24	-7.81	35.31	45.34	15.64	311.42	132.24	27.83	96.56	60.88	41.49	241.32
PLF11	DWW	Control	550318.25	180557.52	17253.36	11823.69	11792.28	19968.20	36.44	9113.98	9147.55	641.89	-14.79	245.49	12.76	62.12	<lod< td=""><td>15.73</td><td>2386.70</td><td>133.60</td><td>20429.22</td><td>131.85</td><td>100.60</td><td>37.56</td><td>225.97</td></lod<>	15.73	2386.70	133.60	20429.22	131.85	100.60	37.56	225.97
PLF12	DWW	Control	584402.69	160711.53	17873.57	<lod< td=""><td>7438.09</td><td>19972.68</td><td>58.27</td><td>10192.68</td><td>2365.50</td><td>40.41</td><td>-18.91</td><td>300.85</td><td>-4.71</td><td>78.03</td><td>127.54</td><td>16.90</td><td>1873.60</td><td>129.61</td><td>164.76</td><td>75.14</td><td>97.18</td><td>126.59</td><td>238.22</td></lod<>	7438.09	19972.68	58.27	10192.68	2365.50	40.41	-18.91	300.85	-4.71	78.03	127.54	16.90	1873.60	129.61	164.76	75.14	97.18	126.59	238.22
PLF13	DWW	Control	556553.47	217223.50	19786.83	6468.31	9704.97	21406.18	40.75	11213.52	9257.27	226.16	-15.30	365.52	-4.71	70.26	57.26	21.62	2425.64	145.02	5655.73	98.66	133.96	40.15	249.80
PLF14	DWW	Control	586024.83	187421.52	16394.46	<lod< td=""><td>12895.84</td><td>24941.68</td><td><lod< td=""><td>10055.36</td><td>4148.24</td><td>299.93</td><td>-26.38</td><td>237.33</td><td>-7.32</td><td>61.94</td><td>85.67</td><td>18.64</td><td>5604.17</td><td>135.86</td><td>4267.39</td><td>85.15</td><td>114.29</td><td>166.48</td><td>225.05</td></lod<></td></lod<>	12895.84	24941.68	<lod< td=""><td>10055.36</td><td>4148.24</td><td>299.93</td><td>-26.38</td><td>237.33</td><td>-7.32</td><td>61.94</td><td>85.67</td><td>18.64</td><td>5604.17</td><td>135.86</td><td>4267.39</td><td>85.15</td><td>114.29</td><td>166.48</td><td>225.05</td></lod<>	10055.36	4148.24	299.93	-26.38	237.33	-7.32	61.94	85.67	18.64	5604.17	135.86	4267.39	85.15	114.29	166.48	225.05
PLF15	DWW	Control	508948.97	157609.03	16798.34	4874.08	8175.73	24212.53	163.82	9011.27	3750.77	752.51	-5.69	488.82	-2.88	72.33	114.51	16.11	10769.61	149.68	4321.71	109.13	114.78	47.95	220.50
PLF16	DWW	Control	507880.82	158040.61	16019.24	11412.36	9670.00	21544.21	82.37	8826.32	8788.21	774.82	7.11	392.85	13.25	68.38	122.07	15.22	3884.32	128.79	18860.83	103.20	223.16	45.90	208.46
PLF17	DWW	Control	504731.29	146972.80	13389.58	18388.69	8699.09	21575.39	<lod< td=""><td>7522.15</td><td>6582.20</td><td>2066.99</td><td>-2.29</td><td>386.81</td><td><lod< td=""><td>21.37</td><td>168.13</td><td>16.30</td><td>9313.10</td><td>142.03</td><td>53039.16</td><td>91.33</td><td>139.57</td><td>114.22</td><td>214.47</td></lod<></td></lod<>	7522.15	6582.20	2066.99	-2.29	386.81	<lod< td=""><td>21.37</td><td>168.13</td><td>16.30</td><td>9313.10</td><td>142.03</td><td>53039.16</td><td>91.33</td><td>139.57</td><td>114.22</td><td>214.47</td></lod<>	21.37	168.13	16.30	9313.10	142.03	53039.16	91.33	139.57	114.22	214.47
PLF18	DWW	Control	559947.53	179999.74	17682.10	<lod< td=""><td>7538.51</td><td>27785.28</td><td><lod< td=""><td>10199.46</td><td>3994.26</td><td>405.51</td><td>-2.57</td><td>265.55</td><td>-8.16</td><td>73.65</td><td>54.32</td><td>18.23</td><td>1215.14</td><td>144.45</td><td>1344.32</td><td>90.17</td><td>113.77</td><td>72.68</td><td>243.62</td></lod<></td></lod<>	7538.51	27785.28	<lod< td=""><td>10199.46</td><td>3994.26</td><td>405.51</td><td>-2.57</td><td>265.55</td><td>-8.16</td><td>73.65</td><td>54.32</td><td>18.23</td><td>1215.14</td><td>144.45</td><td>1344.32</td><td>90.17</td><td>113.77</td><td>72.68</td><td>243.62</td></lod<>	10199.46	3994.26	405.51	-2.57	265.55	-8.16	73.65	54.32	18.23	1215.14	144.45	1344.32	90.17	113.77	72.68	243.62
PLF19	DWW	Control	563099.54	158574.83	15738.98	5728.45	8293.00	22012.84	11.04	8369.06	9021.16	122.44	3.83	302.88	-9.33	62.20	42.16	15.49	968.21	132.51	2913.04	125.28	93.85	40.39	224.58
PLF20	DWW	Control	424921.41	146480.17	13846.37	10652.53	9920.52	17014.90	59.72	7016.29	4611.13	3083.13	-10.23	413.08	14.46	25.15	66.80	13.04	18601.40	132.13	40964.15	78.13	33.94	50.21	222.76
PLF21	DWW	Control	606751.98	188569.48	17788.42	<lod< td=""><td>8347.70</td><td>22624.14</td><td><lod< td=""><td>10324.30</td><td>1253.86</td><td>289.88</td><td>-26.18</td><td>382.43</td><td>-8.55</td><td>73.64</td><td>53.51</td><td>18.69</td><td>1001.14</td><td>148.68</td><td>704.49</td><td>111.19</td><td>117.37</td><td>40.04</td><td>270.65</td></lod<></td></lod<>	8347.70	22624.14	<lod< td=""><td>10324.30</td><td>1253.86</td><td>289.88</td><td>-26.18</td><td>382.43</td><td>-8.55</td><td>73.64</td><td>53.51</td><td>18.69</td><td>1001.14</td><td>148.68</td><td>704.49</td><td>111.19</td><td>117.37</td><td>40.04</td><td>270.65</td></lod<>	10324.30	1253.86	289.88	-26.18	382.43	-8.55	73.64	53.51	18.69	1001.14	148.68	704.49	111.19	117.37	40.04	270.65
PLF22	DWW	Control	585237.39	164306.70	16517.12	<lod< td=""><td>8437.79</td><td>20191.97</td><td>58.57</td><td>9064.25</td><td>3022.99</td><td>10.04</td><td>-40.98</td><td>335.87</td><td>12.69</td><td>40.84</td><td>130.87</td><td>14.61</td><td>876.17</td><td>131.99</td><td>887.85</td><td>93.52</td><td>81.18</td><td>39.94</td><td>236.59</td></lod<>	8437.79	20191.97	58.57	9064.25	3022.99	10.04	-40.98	335.87	12.69	40.84	130.87	14.61	876.17	131.99	887.85	93.52	81.18	39.94	236.59
PLF23	DWW	Control	602102.64	214155.39	17062.32	4945.47	7460.90	21315.69	28.78	9919.28	2803.20	147.87	-20.72	414.47	10.94	52.13	233.60	19.31	8645.62	144.99	2571.42	93.59	100.04	204.98	268.08
PLF24	DWW	Control	605699.77	212250.71	17481.28	<lod< td=""><td>7924.19</td><td>22263.61</td><td>36.85</td><td>10647.60</td><td>1731.09</td><td>218.58</td><td>-24.67</td><td>390.07</td><td>10.42</td><td>64.50</td><td>142.62</td><td>18.96</td><td>2925.22</td><td>144.07</td><td>1604.93</td><td>93.57</td><td>90.08</td><td>69.62</td><td>257.19</td></lod<>	7924.19	22263.61	36.85	10647.60	1731.09	218.58	-24.67	390.07	10.42	64.50	142.62	18.96	2925.22	144.07	1604.93	93.57	90.08	69.62	257.19
PLF25	DWW	Control	532771.41	152266.83	17014.43	17444.50	7637.79	20615.56	90.17	8636.04	6532.29	8.13	-34.75	274.80	10.60	59.71	<lod< td=""><td>13.78</td><td>1403.40</td><td>135.11</td><td>1148.33</td><td>111.40</td><td>69.74</td><td>33.09</td><td>211.04</td></lod<>	13.78	1403.40	135.11	1148.33	111.40	69.74	33.09	211.04
PLF26	DWW	Control	588074.72	194178.95	17969.93	4088.29	12551.53	25693.28	78.31	10189.65	2316.73	580.10	-22.83	322.17	5.77	35.58	31.29	19.59	7142.74	140.55	4186.38	90.03	71.15	90.65	226.08
PLF27	DWW	Control	607233.92	185716.51	19609.37	<lod< td=""><td>12574.31</td><td>25727.78</td><td>70.45</td><td>9105.41</td><td>4334.51</td><td>134.96</td><td>-0.83</td><td>386.00</td><td>-3.41</td><td>62.69</td><td>133.31</td><td>17.34</td><td>4975.78</td><td>143.34</td><td>3961.36</td><td>103.65</td><td>150.52</td><td>130.11</td><td>217.61</td></lod<>	12574.31	25727.78	70.45	9105.41	4334.51	134.96	-0.83	386.00	-3.41	62.69	133.31	17.34	4975.78	143.34	3961.36	103.65	150.52	130.11	217.61
PLF28	DWW	Control	582221.66	185976.52	15561.05	3746.20	10262.98	19524.70	64.05	10735.97	7462.65	1212.08	-6.54	270.23	5.69	54.38	30.82	17.96	9445.76	135.93	7173.71	80.96	94.87	53.25	221.20
PLF29	DWW	Control	531610.40	176515.37	14513.80	14172.49	11837.69	19591.35	139.72	7816.94	10709.54	1928.06	4.48	343.03	6.36	31.09	75.09	13.22	12902.84	132.29	36393.12	109.46	153.97	44.24	188.50
PLF30	DWW	Control	510190.13	153345.19	17140.95	5061.75	9129.55	21235.62	145.90	7270.20	3484.53	3864.82	-17.13	481.17	13.18	40.33	116.07	15.14	19425.05	156.33	32636.52	90.79	77.62	57.12	229.65
PLF31	DWW	Control	664342.18	229825.81	18802.33	5567.86	9102.49	22810.71	86.55	14762.49	4771.34	1006.80	-3.37	33.40	-2.74	95.45	44.48	27.40	4930.75	138.48	2191.70	88.31	126.73	34.42	241.35
PLF32	DWW	Control	677922.18	209660.40	15202.14	<lod< td=""><td>11199.62</td><td>24129.97</td><td><lod< td=""><td>9175.72</td><td>1720.65</td><td>40.33</td><td>-8.34</td><td>395.83</td><td>4.74</td><td>45.75</td><td>28.13</td><td>17.46</td><td>10094.57</td><td>151.28</td><td>5936.01</td><td>114.71</td><td>72.38</td><td>35.30</td><td>216.63</td></lod<></td></lod<>	11199.62	24129.97	<lod< td=""><td>9175.72</td><td>1720.65</td><td>40.33</td><td>-8.34</td><td>395.83</td><td>4.74</td><td>45.75</td><td>28.13</td><td>17.46</td><td>10094.57</td><td>151.28</td><td>5936.01</td><td>114.71</td><td>72.38</td><td>35.30</td><td>216.63</td></lod<>	9175.72	1720.65	40.33	-8.34	395.83	4.74	45.75	28.13	17.46	10094.57	151.28	5936.01	114.71	72.38	35.30	216.63
PLF33	DWW	Control	685620.34	226309.64	17952.17	5196.96	7494.72	24448.59	101.87	10135.97	3277.80	814.30	-13.72	312.05	2.48	57.57	31.19	17.10	5306.03	149.22	2071.13	92.56	102.75	28.38	234.33
PLF34	DWW	Control	653649.63	207856.29	16099.37	5206.24	8293.94	23560.11	<lod< td=""><td>9581.74</td><td>4314.05</td><td>957.69</td><td>-25.91</td><td>404.07</td><td>3.52</td><td>44.90</td><td>28.71</td><td>16.90</td><td>4726.69</td><td>147.28</td><td>6745.29</td><td>100.23</td><td>138.97</td><td>29.15</td><td>217.97</td></lod<>	9581.74	4314.05	957.69	-25.91	404.07	3.52	44.90	28.71	16.90	4726.69	147.28	6745.29	100.23	138.97	29.15	217.97
PLF35	DWW	Control	547024.29	193795.02	13836.37	7962.86	8084.02	16780.70	84.61	10506.81	7358.28	885.69	-22.78	264.39	-2.19	20.74	20.61	20.20	4873.81	135.35	28164.07	84.64	102.25	33.31	241.32
PLF36	DWW	Control	561683.44	190029.61	14912.49	5943.62	10635.49	24056.35	<lod< td=""><td>8779.35</td><td>3079.00</td><td>1650.41</td><td>-29.95</td><td>418.28</td><td>8.93</td><td>22.01</td><td>26.25</td><td>13.28</td><td>10880.23</td><td>145.36</td><td>9526.22</td><td>97.22</td><td>178.70</td><td>46.49</td><td>215.87</td></lod<>	8779.35	3079.00	1650.41	-29.95	418.28	8.93	22.01	26.25	13.28	10880.23	145.36	9526.22	97.22	178.70	46.49	215.87
PLF37	DWW	Control	623981.76	210479.37	16154.94	4483.55	8769.56	23665.90	<lod< td=""><td>9627.47</td><td>2507.43</td><td>1101.72</td><td>-37.73</td><td>347.30</td><td>0.78</td><td>39.98</td><td>82.80</td><td>16.37</td><td>4577.41</td><td>147.81</td><td>2552.35</td><td>102.35</td><td>112.58</td><td>29.08</td><td>256.74</td></lod<>	9627.47	2507.43	1101.72	-37.73	347.30	0.78	39.98	82.80	16.37	4577.41	147.81	2552.35	102.35	112.58	29.08	256.74
PLF38	DWW	Control	583420.85	188252.76	16022.17	6363.55	10196.33	24400.65	<lod< td=""><td>9518.05</td><td>2910.53</td><td>438.78</td><td>-17.35</td><td>413.36</td><td>16.47</td><td>24.68</td><td>45.75</td><td>16.56</td><td>9127.28</td><td>149.24</td><td>6351.45</td><td>101.57</td><td>101.47</td><td>58.15</td><td>239.41</td></lod<>	9518.05	2910.53	438.78	-17.35	413.36	16.47	24.68	45.75	16.56	9127.28	149.24	6351.45	101.57	101.47	58.15	239.41
PLF39	DWW	Control	568105.62	180425.91	14551.05	15654.42	9904.47	22093.22	213.33	8760.58	8695.23	4063.96	21.93	325.67	18.45	69.81	220.57	16.20	27590.30	135.16	23571.46	99.80	93.23	66.50	179.20
PLF40	DWW	Control	554176.06	181028.53	17564.35	4756.31	11047.31	43295.13	156.56	8642.90	10967.85	79.51	-8.88	320.28	3.17	39.16	133.95	15.62	3591.44	155.02	2658.90	135.30	130.82	49.69	225.12
PLF41	DWW	Control	582479.80	179040.32	13826.67	8193.86	8461.12	27646.31	145.65	8175.66	5876.33	542.67	-28.16	439.56	9.36	18.96	29.20	12.59	3886.82	149.48	6428.00	116.15	188.88	28.15	219.28
PLF42	DWW	Control	495771.83	147697.44	14104.49	11368.66	12171.79	24400.12	357.75	6768.03	13028.18	2751.60	-28.12	408.32	6.66	18.29	130.20	13.04	11606.98	142.52	29615.62	201.76	104.62	57.59	212.76
PLF43	DWW	Control	439283.74	115460.06	15773.35	10953.77	10912.96	20479.83	161.71	6786.35	13394.53	2435.87	-16.09	313.13	28.43	-14.21	43.49	13.20	10523.04	140.22	34998.05	137.51	61.99	44.65	229.38
PLF44	DWW	Control	599957.81	209879.54	18242.78	<lod< td=""><td>10445.71</td><td>23866.53</td><td><lod< td=""><td>9617.66</td><td>5967.00</td><td>48.45</td><td>-25.95</td><td>391.31</td><td>0.16</td><td>51.45</td><td>30.57</td><td>16.51</td><td>1884.64</td><td>150.26</td><td>208.76</td><td>186.68</td><td>102.81</td><td>34.46</td><td>239.77</td></lod<></td></lod<>	10445.71	23866.53	<lod< td=""><td>9617.66</td><td>5967.00</td><td>48.45</td><td>-25.95</td><td>391.31</td><td>0.16</td><td>51.45</td><td>30.57</td><td>16.51</td><td>1884.64</td><td>150.26</td><td>208.76</td><td>186.68</td><td>102.81</td><td>34.46</td><td>239.77</td></lod<>	9617.66	5967.00	48.45	-25.95	391.31	0.16	51.45	30.57	16.51	1884.64	150.26	208.76	186.68	102.81	34.46	239.77
PLF45	DWW	Control	526269.76	1/4116.71	15538.98	11647.06	9103.28	19966.23	347.56	7963.52	6097.45	4415.90	-5.67	331.42	6.54	38.72	404.00	13.77	33560.34	133.37	20226.73	111.18	49.71	42.60	191.59
PLF46	DWW	Control	443056.94	127222.91	15078.93	5082.05	14154.15	20741.70	283.22	8045.32	26252.30	683.82	-4.12	336.66	-6.83	51.04	<lod< td=""><td>12.78</td><td>3555.15</td><td>129.15</td><td>17020.62</td><td>146.21</td><td>145.12</td><td>36.69</td><td>199.29</td></lod<>	12.78	3555.15	129.15	17020.62	146.21	145.12	36.69	199.29
PLF47	DWW	Control	533996.46	161633.09	14831.25	11586.79	11442.73	25257.54	133.77	8381.47	1/362.25	1012.58	-12.55	302.19	6.57	32.64	29.02	15.59	7498.79	140.49	26867.62	130.06	106.02	43.53	226.95
PLF48	DWW	Control	569391.87	183483.25	17121.56	5831.74	10877.40	21509.55	<lod< td=""><td>9278.08</td><td>11671.50</td><td>32.29</td><td>-13.03</td><td>365.86</td><td>-9.76</td><td>69.96</td><td><lod< td=""><td>14.33</td><td>407.98</td><td>138.32</td><td>1527.50</td><td>126.88</td><td>100.84</td><td>37.71</td><td>226.14</td></lod<></td></lod<>	9278.08	11671.50	32.29	-13.03	365.86	-9.76	69.96	<lod< td=""><td>14.33</td><td>407.98</td><td>138.32</td><td>1527.50</td><td>126.88</td><td>100.84</td><td>37.71</td><td>226.14</td></lod<>	14.33	407.98	138.32	1527.50	126.88	100.84	37.71	226.14
PLF49	DWW	Control	452393.70	139981.84	10850.45	12116.08	9405.09	19057.03	125.91	5513.90	13374.43	4678.41	-0.56	530.35	7.30	18.08	77.06	10.68	22684.75	133.92	52034.58	116.14	120.84	34.35	187.57
PLF50	DVVVV	Control	464171.30	146643.34	15412.50	13831.74	9556.71	25548.82	<lod< td=""><td>8247.44</td><td>9605.10</td><td>1618.50</td><td><lod< td=""><td>152.08</td><td>10.14</td><td>47.64</td><td>28.26</td><td>14.89</td><td>6484.93</td><td>140.06</td><td>44082.04</td><td>119.96</td><td>141.00</td><td>42.19</td><td>212.75</td></lod<></td></lod<>	8247.44	9605.10	1618.50	<lod< td=""><td>152.08</td><td>10.14</td><td>47.64</td><td>28.26</td><td>14.89</td><td>6484.93</td><td>140.06</td><td>44082.04</td><td>119.96</td><td>141.00</td><td>42.19</td><td>212.75</td></lod<>	152.08	10.14	47.64	28.26	14.89	6484.93	140.06	44082.04	119.96	141.00	42.19	212.75

Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K ₂ O	*MnO	*TiO ₂	*P ₂ O ₅	*As	*Ag	*Ba *	Bi *	Cr	*Cu *Nb	*Pb	*Rb	*S	*Sr	*V	*Zn *Zr
HER-1	WDSW	Control	641277.09	145432.74	60954.91	<lod< td=""><td>11066.71</td><td>26378.39</td><td>460.66</td><td>8499.10</td><td><lod< td=""><td>155.51</td><td>8.95 3</td><td>312.71 -1</td><td>1.11 14</td><td>9.90</td><td><lod 13.5<="" td=""><td>3 1040.18</td><td>139.09</td><td>1818.80</td><td>79.91</td><td>129.08</td><td>114.95 245.32</td></lod></td></lod<></td></lod<>	11066.71	26378.39	460.66	8499.10	<lod< td=""><td>155.51</td><td>8.95 3</td><td>312.71 -1</td><td>1.11 14</td><td>9.90</td><td><lod 13.5<="" td=""><td>3 1040.18</td><td>139.09</td><td>1818.80</td><td>79.91</td><td>129.08</td><td>114.95 245.32</td></lod></td></lod<>	155.51	8.95 3	312.71 -1	1.11 14	9.90	<lod 13.5<="" td=""><td>3 1040.18</td><td>139.09</td><td>1818.80</td><td>79.91</td><td>129.08</td><td>114.95 245.32</td></lod>	3 1040.18	139.09	1818.80	79.91	129.08	114.95 245.32
HER-2	WDSW	Control	648266.59	152854.14	52188.94	<lod< td=""><td>11912.78</td><td>31924.34</td><td>460.66</td><td>8724.94</td><td><lod< td=""><td><lod< td=""><td>-35.16 3</td><td>313.02 -</td><td>7.48 13</td><td>6.52</td><td><lod 17.0<="" td=""><td>3 2571.31</td><td>157.44</td><td>1175.75</td><td>101.25</td><td>144.36</td><td>117.28 238.57</td></lod></td></lod<></td></lod<></td></lod<>	11912.78	31924.34	460.66	8724.94	<lod< td=""><td><lod< td=""><td>-35.16 3</td><td>313.02 -</td><td>7.48 13</td><td>6.52</td><td><lod 17.0<="" td=""><td>3 2571.31</td><td>157.44</td><td>1175.75</td><td>101.25</td><td>144.36</td><td>117.28 238.57</td></lod></td></lod<></td></lod<>	<lod< td=""><td>-35.16 3</td><td>313.02 -</td><td>7.48 13</td><td>6.52</td><td><lod 17.0<="" td=""><td>3 2571.31</td><td>157.44</td><td>1175.75</td><td>101.25</td><td>144.36</td><td>117.28 238.57</td></lod></td></lod<>	-35.16 3	313.02 -	7.48 13	6.52	<lod 17.0<="" td=""><td>3 2571.31</td><td>157.44</td><td>1175.75</td><td>101.25</td><td>144.36</td><td>117.28 238.57</td></lod>	3 2571.31	157.44	1175.75	101.25	144.36	117.28 238.57
HER-3	WDSW	Control	635661.03	148763.38	60155.32	<lod< td=""><td>9781.93</td><td>24138.52</td><td>229.52</td><td>10080.49</td><td><lod< td=""><td>244.81</td><td>16.56 3</td><td>60.17 -</td><td>1.89 15</td><td>6.40</td><td><lod 18.2<="" td=""><td>2 3298.32</td><td>135.75</td><td>1715.63</td><td>67.81</td><td>151.16</td><td>171.19 281.91</td></lod></td></lod<></td></lod<>	9781.93	24138.52	229.52	10080.49	<lod< td=""><td>244.81</td><td>16.56 3</td><td>60.17 -</td><td>1.89 15</td><td>6.40</td><td><lod 18.2<="" td=""><td>2 3298.32</td><td>135.75</td><td>1715.63</td><td>67.81</td><td>151.16</td><td>171.19 281.91</td></lod></td></lod<>	244.81	16.56 3	60.17 -	1.89 15	6.40	<lod 18.2<="" td=""><td>2 3298.32</td><td>135.75</td><td>1715.63</td><td>67.81</td><td>151.16</td><td>171.19 281.91</td></lod>	2 3298.32	135.75	1715.63	67.81	151.16	171.19 281.91
HER-4	WDSW	Control	650961.78	150419.64	56048.99	<lod< td=""><td>9467.06</td><td>28243.42</td><td>260.77</td><td>8255.40</td><td><lod< td=""><td>8.84</td><td>12.56 3</td><td>348.54 -1</td><td>.93 12</td><td>20.67</td><td><lod 17.5<="" td=""><td>3 128.64</td><td>145.60</td><td>944.42</td><td>82.25</td><td>130.44</td><td>137.79 292.92</td></lod></td></lod<></td></lod<>	9467.06	28243.42	260.77	8255.40	<lod< td=""><td>8.84</td><td>12.56 3</td><td>348.54 -1</td><td>.93 12</td><td>20.67</td><td><lod 17.5<="" td=""><td>3 128.64</td><td>145.60</td><td>944.42</td><td>82.25</td><td>130.44</td><td>137.79 292.92</td></lod></td></lod<>	8.84	12.56 3	348.54 -1	.93 12	20.67	<lod 17.5<="" td=""><td>3 128.64</td><td>145.60</td><td>944.42</td><td>82.25</td><td>130.44</td><td>137.79 292.92</td></lod>	3 128.64	145.60	944.42	82.25	130.44	137.79 292.92
HER-5	WDSW	Control	659946.57	153202.74	61763.45	<lod< td=""><td>9898.97</td><td>28030.95</td><td>554.44</td><td>9403.19</td><td><lod< td=""><td>52.29</td><td>15.18 4</td><td>60.54 -</td><td>5.82 14</td><td>0.15</td><td>45.20 20.3</td><td>5 1121.32</td><td>151.10</td><td>1029.51</td><td>93.08</td><td>147.71</td><td>154.73 303.74</td></lod<></td></lod<>	9898.97	28030.95	554.44	9403.19	<lod< td=""><td>52.29</td><td>15.18 4</td><td>60.54 -</td><td>5.82 14</td><td>0.15</td><td>45.20 20.3</td><td>5 1121.32</td><td>151.10</td><td>1029.51</td><td>93.08</td><td>147.71</td><td>154.73 303.74</td></lod<>	52.29	15.18 4	60.54 -	5.82 14	0.15	45.20 20.3	5 1121.32	151.10	1029.51	93.08	147.71	154.73 303.74
HER-6	WDSW	Control	605663.92	140708.79	38722.90	<lod< td=""><td>9361.09</td><td>23602.44</td><td>295.36</td><td>6823.02</td><td><lod< td=""><td>15.72</td><td>0.81 2</td><td>44.17 -1</td><td>3.70 8</td><td>1.20</td><td><lod 10.0<="" td=""><td>3 98.93</td><td>123.69</td><td><lod< td=""><td>68.09</td><td>58.89</td><td>97.17 338.33</td></lod<></td></lod></td></lod<></td></lod<>	9361.09	23602.44	295.36	6823.02	<lod< td=""><td>15.72</td><td>0.81 2</td><td>44.17 -1</td><td>3.70 8</td><td>1.20</td><td><lod 10.0<="" td=""><td>3 98.93</td><td>123.69</td><td><lod< td=""><td>68.09</td><td>58.89</td><td>97.17 338.33</td></lod<></td></lod></td></lod<>	15.72	0.81 2	44.17 -1	3.70 8	1.20	<lod 10.0<="" td=""><td>3 98.93</td><td>123.69</td><td><lod< td=""><td>68.09</td><td>58.89</td><td>97.17 338.33</td></lod<></td></lod>	3 98.93	123.69	<lod< td=""><td>68.09</td><td>58.89</td><td>97.17 338.33</td></lod<>	68.09	58.89	97.17 338.33
HER-7	WDSW	Control	628482.61	152791 13	57111 94		10697 75	23762 74	549 74	10991 04		178 91	12 80 3	64.24 -	22 17	4 86	<lod 18="" 3<="" td=""><td>1651.60</td><td>137.03</td><td>1827.66</td><td>79.18</td><td>207.01</td><td>181 11 276 92</td></lod>	1651.60	137.03	1827.66	79.18	207.01	181 11 276 92
HER-8	WDSW	Control	616448.33	151967.35	56773 73		9760.55	25327 47	248.09	10379.07		124 14	13 42 3	35.52 -1	0.50 16	8 18	<lod 18.9<="" td=""><td>5 1214.98</td><td>141 97</td><td>1307 43</td><td>78.03</td><td>191 71</td><td>181.08 302.02</td></lod>	5 1214.98	141 97	1307 43	78.03	191 71	181.08 302.02
HER-9	WDSW	Control	628607.55	165010.40	60651.04		9513 71	24965.63	227 74	11849.99		57 59	5 67 3	17 27 -	9.00 10	3 67		5 629.50	141 35	877.49	79.16	238.97	187 36 291 09
HER-10	WDSW	Control	602644 70	151651 50	63709.89		9138.28	24629.65	507 24	10069 71	7861.88	104.40	23 49 4	48.53	535 16	2 98	667 71 17 4	5 954 77	142.25	945 14	79.37	166 52	190 55 279 80
HER-11	WDSW	Control	643580.15	150200 37	64310.81		8600 72	24600 24	352 53	11217 07		70 02	-8.58 3	25.04	5.08 16	0.73		2 744 7	1/1 35	650.00	76.26	226.35	104.60 267.56
		Control	650506.13	153233.37	E2271 00		0033.12	20076 60	270 00	0050.00		2.67	20.10 2	000.04 -	7 50 10	1 50	<lod 11.4<="" td=""><td>5 199.11</td><td>141.55</td><td>-LOD</td><td>01 72</td><td>127.06</td><td>117.09 264.02</td></lod>	5 199.11	141.55	-LOD	01 72	127.06	117.09 264.02
HER-13	WDSW/	Control	647258 15	151052 57	50772 17		0762.46	2/3// 8/	186 73	10061 00	7579.64	237.84	32 74 4	131 23 -	02 12	5.46	26 77 15 5	5 2405.40	138.51	1688 /3	76.80	170.24	204 31 308 68
		Control	645700.20	152250 52	55172.17		10557 70	24044.04	106.66	11665.25	11140 11	150 77	24 65 2	070.04	1.32 12	12 02	20.77 13.3	2403.40	127.46	1127.06	66.96	105.45	100.26 205.24
HER-14	WDSW	Control	645709.20	153350.53	33963.36 77797.26		10007.70	20001.93	267.94	0025 42	11140.11	150.77	-24.00 2	19.04 - 96.07	560 14	5.02	<lod 16.7<="" td=""><td>0 1010.00</td><td>162.21</td><td>1060.50</td><td>101.00</td><td>195.45</td><td>199.20 200.34</td></lod>	0 1010.00	162.21	1060.50	101.00	195.45	199.20 200.34
HER-15	MDSW	Control	600651.45	144204 04	45101.00		0044 44	21405 20	207.04	7102.00	40090.34	22.00	- 14.03 3	46.70		0.02	<lod 21.0<="" td=""><td>3 300.10</td><td>102.21</td><td>500.00</td><td>00.64</td><td>07.10</td><td>102.17 200.40</td></lod>	3 300.10	102.21	500.00	00.64	07.10	102.17 200.40
HER-10	WDSW	Control	642607.33	144301.94	40121.27		0041.41	21405.29	3/0.00	0252.00	10201.79	-2.54	-4.45 5	010.72 -	0.00 0	01.92	<lod 9.0<="" td=""><td>1 075 70</td><td>129.30</td><td>599.99 772.02</td><td>62.01</td><td>120.00</td><td>102.00 104.00</td></lod>	1 075 70	129.30	599.99 772.02	62.01	120.00	102.00 104.00
HER-17	WDSW	Control	042001.32	14/55/./9	55049.44	<lod< td=""><td>9691.06</td><td>24400.70</td><td>130.10</td><td>9302.00</td><td><lod< td=""><td>09.70</td><td>0.92 3</td><td>- 19.00</td><td>0.09 10</td><td>12.07</td><td><lod 13.04<="" td=""><td>+ 9/5./0</td><td>122.52</td><td>113.03</td><td>54.96</td><td>139.00</td><td>103.39 270.71</td></lod></td></lod<></td></lod<>	9691.06	24400.70	130.10	9302.00	<lod< td=""><td>09.70</td><td>0.92 3</td><td>- 19.00</td><td>0.09 10</td><td>12.07</td><td><lod 13.04<="" td=""><td>+ 9/5./0</td><td>122.52</td><td>113.03</td><td>54.96</td><td>139.00</td><td>103.39 270.71</td></lod></td></lod<>	09.70	0.92 3	- 19.00	0.09 10	12.07	<lod 13.04<="" td=""><td>+ 9/5./0</td><td>122.52</td><td>113.03</td><td>54.96</td><td>139.00</td><td>103.39 270.71</td></lod>	+ 9/5./0	122.52	113.03	54.96	139.00	103.39 270.71
HER-18	WDSW	Control	659806.52	157485.95	54389.98	<lod< td=""><td>9693.79</td><td>26709.88</td><td>186.43</td><td>10474.86</td><td><lod< td=""><td>102.57</td><td>-29.24 2</td><td>289.20</td><td>.71 11</td><td>4.19</td><td><lod 19.3<="" td=""><td>1 1381.60</td><td>146.58</td><td>1042.36</td><td>85.02</td><td>193.17</td><td>146.73 289.47</td></lod></td></lod<></td></lod<>	9693.79	26709.88	186.43	10474.86	<lod< td=""><td>102.57</td><td>-29.24 2</td><td>289.20</td><td>.71 11</td><td>4.19</td><td><lod 19.3<="" td=""><td>1 1381.60</td><td>146.58</td><td>1042.36</td><td>85.02</td><td>193.17</td><td>146.73 289.47</td></lod></td></lod<>	102.57	-29.24 2	289.20	.71 11	4.19	<lod 19.3<="" td=""><td>1 1381.60</td><td>146.58</td><td>1042.36</td><td>85.02</td><td>193.17</td><td>146.73 289.47</td></lod>	1 1381.60	146.58	1042.36	85.02	193.17	146.73 289.47
HER-19	WDSW	Control	664277.69	155585.87	56292.92	<lod< td=""><td>9244.16</td><td>30830.19</td><td>285.73</td><td>8859.47</td><td><lod< td=""><td>5.05</td><td>11.84 3</td><td>348.99 -</td><td>5.01 10</td><td>80.8</td><td><lod 15.6<="" td=""><td>6 897.40</td><td>138.65</td><td>953.50</td><td>70.33</td><td>121.99</td><td>125.23 284.27</td></lod></td></lod<></td></lod<>	9244.16	30830.19	285.73	8859.47	<lod< td=""><td>5.05</td><td>11.84 3</td><td>348.99 -</td><td>5.01 10</td><td>80.8</td><td><lod 15.6<="" td=""><td>6 897.40</td><td>138.65</td><td>953.50</td><td>70.33</td><td>121.99</td><td>125.23 284.27</td></lod></td></lod<>	5.05	11.84 3	348.99 -	5.01 10	80.8	<lod 15.6<="" td=""><td>6 897.40</td><td>138.65</td><td>953.50</td><td>70.33</td><td>121.99</td><td>125.23 284.27</td></lod>	6 897.40	138.65	953.50	70.33	121.99	125.23 284.27
HER-20	WDSW	Control	606912.52	148274.19	53291.79	<lod< td=""><td>10414.19</td><td>24555.27</td><td>206.31</td><td>9076.81</td><td><lod< td=""><td>98.67</td><td>-1.34 3</td><td>343.65 -</td><td>5.20 11</td><td>6.24</td><td><lod 15.0<="" td=""><td>1 1274.59</td><td>138.05</td><td>2267.83</td><td>84.17</td><td>169.42</td><td>158.08 282.58</td></lod></td></lod<></td></lod<>	10414.19	24555.27	206.31	9076.81	<lod< td=""><td>98.67</td><td>-1.34 3</td><td>343.65 -</td><td>5.20 11</td><td>6.24</td><td><lod 15.0<="" td=""><td>1 1274.59</td><td>138.05</td><td>2267.83</td><td>84.17</td><td>169.42</td><td>158.08 282.58</td></lod></td></lod<>	98.67	-1.34 3	343.65 -	5.20 11	6.24	<lod 15.0<="" td=""><td>1 1274.59</td><td>138.05</td><td>2267.83</td><td>84.17</td><td>169.42</td><td>158.08 282.58</td></lod>	1 1274.59	138.05	2267.83	84.17	169.42	158.08 282.58
HER-21	WDSW	Control	597624.99	148285.51	59278.24	<lod< td=""><td>8504.01</td><td>26075.78</td><td>162.10</td><td>10896.33</td><td><lod< td=""><td>93.06</td><td>-7.59 3</td><td>321.57 -</td><td>5.20 17</td><td>6.62</td><td><lod 15.7<="" td=""><td>963.70</td><td>141.13</td><td>1248.59</td><td>73.72</td><td>172.90</td><td>143.02 256.20</td></lod></td></lod<></td></lod<>	8504.01	26075.78	162.10	10896.33	<lod< td=""><td>93.06</td><td>-7.59 3</td><td>321.57 -</td><td>5.20 17</td><td>6.62</td><td><lod 15.7<="" td=""><td>963.70</td><td>141.13</td><td>1248.59</td><td>73.72</td><td>172.90</td><td>143.02 256.20</td></lod></td></lod<>	93.06	-7.59 3	321.57 -	5.20 17	6.62	<lod 15.7<="" td=""><td>963.70</td><td>141.13</td><td>1248.59</td><td>73.72</td><td>172.90</td><td>143.02 256.20</td></lod>	963.70	141.13	1248.59	73.72	172.90	143.02 256.20
HER-22	WDSW	Control	606653.72	154213.18	61482.79	<lod< td=""><td>8533.00</td><td>25442.38</td><td>500.15</td><td>10065.21</td><td><lod< td=""><td>523.46</td><td>-18.40 3</td><td>804.01 4</td><td>6.75 11</td><td>5.21</td><td><lod 18.6<="" td=""><td>14596.86</td><td>5 133.08</td><td>2010.20</td><td>70.91</td><td>78.74</td><td>244.70 313.01</td></lod></td></lod<></td></lod<>	8533.00	25442.38	500.15	10065.21	<lod< td=""><td>523.46</td><td>-18.40 3</td><td>804.01 4</td><td>6.75 11</td><td>5.21</td><td><lod 18.6<="" td=""><td>14596.86</td><td>5 133.08</td><td>2010.20</td><td>70.91</td><td>78.74</td><td>244.70 313.01</td></lod></td></lod<>	523.46	-18.40 3	804.01 4	6.75 11	5.21	<lod 18.6<="" td=""><td>14596.86</td><td>5 133.08</td><td>2010.20</td><td>70.91</td><td>78.74</td><td>244.70 313.01</td></lod>	14596.86	5 133.08	2010.20	70.91	78.74	244.70 313.01
HER-23	WDSW	Control	585181.15	145267.83	57189.58	<lod< td=""><td>8427.24</td><td>24205.07</td><td>189.64</td><td>10192.48</td><td>28990.34</td><td>80.46</td><td>-3.81 3</td><td>306.06 -</td><td>5.98 16</td><td>64.04</td><td><lod 15.6<="" td=""><td>9 1815.81</td><td>132.02</td><td>2466.99</td><td>71.70</td><td>186.78</td><td>135.31 288.57</td></lod></td></lod<>	8427.24	24205.07	189.64	10192.48	28990.34	80.46	-3.81 3	306.06 -	5.98 16	64.04	<lod 15.6<="" td=""><td>9 1815.81</td><td>132.02</td><td>2466.99</td><td>71.70</td><td>186.78</td><td>135.31 288.57</td></lod>	9 1815.81	132.02	2466.99	71.70	186.78	135.31 288.57
HER-24	WDSW	Control	628410.25	156091.71	59447.88	<lod< td=""><td>8573.21</td><td>25524.33</td><td>239.36</td><td>10551.71</td><td><lod< td=""><td>197.13</td><td>-0.04 3</td><td>301.33</td><td>.03 16</td><td>60.72</td><td><lod 16.9<="" td=""><td>2 1870.22</td><td>141.66</td><td>1658.00</td><td>77.77</td><td>194.21</td><td>149.97 279.27</td></lod></td></lod<></td></lod<>	8573.21	25524.33	239.36	10551.71	<lod< td=""><td>197.13</td><td>-0.04 3</td><td>301.33</td><td>.03 16</td><td>60.72</td><td><lod 16.9<="" td=""><td>2 1870.22</td><td>141.66</td><td>1658.00</td><td>77.77</td><td>194.21</td><td>149.97 279.27</td></lod></td></lod<>	197.13	-0.04 3	301.33	.03 16	60.72	<lod 16.9<="" td=""><td>2 1870.22</td><td>141.66</td><td>1658.00</td><td>77.77</td><td>194.21</td><td>149.97 279.27</td></lod>	2 1870.22	141.66	1658.00	77.77	194.21	149.97 279.27
HER-25	WDSW	Control	636065.76	153820.92	55292.64	<lod< td=""><td>12538.50</td><td>27156.80</td><td>306.28</td><td>9747.57</td><td><lod< td=""><td>30.69</td><td>1.76 3</td><td>811.54 -</td><td>6.37 12</td><td>6.97</td><td><lod 15.4<="" td=""><td>8 829.43</td><td>141.27</td><td>784.57</td><td>77.38</td><td>142.10</td><td>148.47 271.36</td></lod></td></lod<></td></lod<>	12538.50	27156.80	306.28	9747.57	<lod< td=""><td>30.69</td><td>1.76 3</td><td>811.54 -</td><td>6.37 12</td><td>6.97</td><td><lod 15.4<="" td=""><td>8 829.43</td><td>141.27</td><td>784.57</td><td>77.38</td><td>142.10</td><td>148.47 271.36</td></lod></td></lod<>	30.69	1.76 3	811.54 -	6.37 12	6.97	<lod 15.4<="" td=""><td>8 829.43</td><td>141.27</td><td>784.57</td><td>77.38</td><td>142.10</td><td>148.47 271.36</td></lod>	8 829.43	141.27	784.57	77.38	142.10	148.47 271.36
HER-26	WDSW	Control	626170.32	160161.68	60866.15	<lod< td=""><td>9745.51</td><td>26835.27</td><td>224.53</td><td>10970.38</td><td><lod< td=""><td>40.58</td><td>-2.64 3</td><td>346.87 -</td><td>6.46 17</td><td>1.29</td><td><lod 18.0<="" td=""><td>2 465.70</td><td>144.59</td><td>745.21</td><td>83.98</td><td>208.10</td><td>151.49 263.56</td></lod></td></lod<></td></lod<>	9745.51	26835.27	224.53	10970.38	<lod< td=""><td>40.58</td><td>-2.64 3</td><td>346.87 -</td><td>6.46 17</td><td>1.29</td><td><lod 18.0<="" td=""><td>2 465.70</td><td>144.59</td><td>745.21</td><td>83.98</td><td>208.10</td><td>151.49 263.56</td></lod></td></lod<>	40.58	-2.64 3	346.87 -	6.46 17	1.29	<lod 18.0<="" td=""><td>2 465.70</td><td>144.59</td><td>745.21</td><td>83.98</td><td>208.10</td><td>151.49 263.56</td></lod>	2 465.70	144.59	745.21	83.98	208.10	151.49 263.56
HER-27	WDSW	Control	620530.67	147327.61	54509.48	<lod< td=""><td>13669.25</td><td>29874.20</td><td>225.77</td><td>9229.93</td><td><lod< td=""><td>37.93</td><td>-16.32 3</td><td>319.35 -</td><td>7.12 15</td><td>60.94</td><td><lod 16.9<="" td=""><td>5 329.07</td><td>149.10</td><td>706.07</td><td>93.19</td><td>140.10</td><td>112.42 250.01</td></lod></td></lod<></td></lod<>	13669.25	29874.20	225.77	9229.93	<lod< td=""><td>37.93</td><td>-16.32 3</td><td>319.35 -</td><td>7.12 15</td><td>60.94</td><td><lod 16.9<="" td=""><td>5 329.07</td><td>149.10</td><td>706.07</td><td>93.19</td><td>140.10</td><td>112.42 250.01</td></lod></td></lod<>	37.93	-16.32 3	319.35 -	7.12 15	60.94	<lod 16.9<="" td=""><td>5 329.07</td><td>149.10</td><td>706.07</td><td>93.19</td><td>140.10</td><td>112.42 250.01</td></lod>	5 329.07	149.10	706.07	93.19	140.10	112.42 250.01
HER-28	WDSW	Control	613624.22	153042.74	70094.67	<lod< td=""><td>9001.11</td><td>25516.61</td><td>224.04</td><td>10600.32</td><td><lod< td=""><td>92.29</td><td>-34.70 2</td><td>293.41 -</td><td>4.40 18</td><td>32.48</td><td><lod 20.4<="" td=""><td>7 2558.41</td><td>148.72</td><td>868.76</td><td>81.00</td><td>192.71</td><td>264.56 245.48</td></lod></td></lod<></td></lod<>	9001.11	25516.61	224.04	10600.32	<lod< td=""><td>92.29</td><td>-34.70 2</td><td>293.41 -</td><td>4.40 18</td><td>32.48</td><td><lod 20.4<="" td=""><td>7 2558.41</td><td>148.72</td><td>868.76</td><td>81.00</td><td>192.71</td><td>264.56 245.48</td></lod></td></lod<>	92.29	-34.70 2	293.41 -	4.40 18	32.48	<lod 20.4<="" td=""><td>7 2558.41</td><td>148.72</td><td>868.76</td><td>81.00</td><td>192.71</td><td>264.56 245.48</td></lod>	7 2558.41	148.72	868.76	81.00	192.71	264.56 245.48
HER-29	WDSW	Control	597407.76	147549.57	66644.45	<lod< td=""><td>9131.43</td><td>24056.15</td><td>197.20</td><td>9269.27</td><td><lod< td=""><td>31.13</td><td>-14.16 3</td><td>326.75 -</td><td>5.09 15</td><td>3.63</td><td><lod 14.0<="" td=""><td>5 755.02</td><td>130.54</td><td><lod< td=""><td>63.52</td><td>121.04</td><td>380.50 295.58</td></lod<></td></lod></td></lod<></td></lod<>	9131.43	24056.15	197.20	9269.27	<lod< td=""><td>31.13</td><td>-14.16 3</td><td>326.75 -</td><td>5.09 15</td><td>3.63</td><td><lod 14.0<="" td=""><td>5 755.02</td><td>130.54</td><td><lod< td=""><td>63.52</td><td>121.04</td><td>380.50 295.58</td></lod<></td></lod></td></lod<>	31.13	-14.16 3	326.75 -	5.09 15	3.63	<lod 14.0<="" td=""><td>5 755.02</td><td>130.54</td><td><lod< td=""><td>63.52</td><td>121.04</td><td>380.50 295.58</td></lod<></td></lod>	5 755.02	130.54	<lod< td=""><td>63.52</td><td>121.04</td><td>380.50 295.58</td></lod<>	63.52	121.04	380.50 295.58
HER-30	WDSW	Control	606719.16	147817.10	65481.77	<lod< td=""><td>10679.78</td><td>23548.22</td><td>475.12</td><td>9122.79</td><td>2620.03</td><td>80.10</td><td>-29.80 3</td><td>332.17 -</td><td>7.18 15</td><td>3.83</td><td>45.21 16.2</td><td>2 1259.09</td><td>130.15</td><td>1075.74</td><td>61.27</td><td>143.85</td><td>404.78 286.21</td></lod<>	10679.78	23548.22	475.12	9122.79	2620.03	80.10	-29.80 3	332.17 -	7.18 15	3.83	45.21 16.2	2 1259.09	130.15	1075.74	61.27	143.85	404.78 286.21
HER-31	WDSW	Control	624346.61	160150.48	66190.14	<lod< td=""><td>10364.60</td><td>27316.29</td><td>228.61</td><td>10694.52</td><td><lod< td=""><td>93.83</td><td>6.84 3</td><td>841.65 -</td><td>1.59 19</td><td>1.34</td><td><lod 17.3<="" td=""><td>9 1383.05</td><td>143.16</td><td>1312.91</td><td>75.58</td><td>166.03</td><td>172.21 267.90</td></lod></td></lod<></td></lod<>	10364.60	27316.29	228.61	10694.52	<lod< td=""><td>93.83</td><td>6.84 3</td><td>841.65 -</td><td>1.59 19</td><td>1.34</td><td><lod 17.3<="" td=""><td>9 1383.05</td><td>143.16</td><td>1312.91</td><td>75.58</td><td>166.03</td><td>172.21 267.90</td></lod></td></lod<>	93.83	6.84 3	841.65 -	1.59 19	1.34	<lod 17.3<="" td=""><td>9 1383.05</td><td>143.16</td><td>1312.91</td><td>75.58</td><td>166.03</td><td>172.21 267.90</td></lod>	9 1383.05	143.16	1312.91	75.58	166.03	172.21 267.90
HER-32	WDSW	Control	651494.70	158300.04	54492.20	<lod< td=""><td>8507.80</td><td>25298.51</td><td>262.77</td><td>10388.25</td><td><lod< td=""><td>37.67</td><td>1.78 3</td><td>303.55 -</td><td>3.32 16</td><td>61.46</td><td><lod 15.7<="" td=""><td>9 525.58</td><td>133.19</td><td>867.15</td><td>69.41</td><td>176.77</td><td>141.18 378.73</td></lod></td></lod<></td></lod<>	8507.80	25298.51	262.77	10388.25	<lod< td=""><td>37.67</td><td>1.78 3</td><td>303.55 -</td><td>3.32 16</td><td>61.46</td><td><lod 15.7<="" td=""><td>9 525.58</td><td>133.19</td><td>867.15</td><td>69.41</td><td>176.77</td><td>141.18 378.73</td></lod></td></lod<>	37.67	1.78 3	303.55 -	3.32 16	61.46	<lod 15.7<="" td=""><td>9 525.58</td><td>133.19</td><td>867.15</td><td>69.41</td><td>176.77</td><td>141.18 378.73</td></lod>	9 525.58	133.19	867.15	69.41	176.77	141.18 378.73
HER-33	WDSW	Control	640937.62	156160.90	63126.62	<lod< td=""><td>9198.73</td><td>27671.12</td><td>245.92</td><td>10809.02</td><td><lod< td=""><td>127.71</td><td>-31.64 3</td><td>326.54 -</td><td>3.11 15</td><td>8.11</td><td><lod 20.1<="" td=""><td>3 1488.27</td><td>148.30</td><td>1319.27</td><td>79.09</td><td>158.19</td><td>191.42 275.09</td></lod></td></lod<></td></lod<>	9198.73	27671.12	245.92	10809.02	<lod< td=""><td>127.71</td><td>-31.64 3</td><td>326.54 -</td><td>3.11 15</td><td>8.11</td><td><lod 20.1<="" td=""><td>3 1488.27</td><td>148.30</td><td>1319.27</td><td>79.09</td><td>158.19</td><td>191.42 275.09</td></lod></td></lod<>	127.71	-31.64 3	326.54 -	3.11 15	8.11	<lod 20.1<="" td=""><td>3 1488.27</td><td>148.30</td><td>1319.27</td><td>79.09</td><td>158.19</td><td>191.42 275.09</td></lod>	3 1488.27	148.30	1319.27	79.09	158.19	191.42 275.09
HER-34	WDSW	Control	635041.00	152930.37	61678.40	<lod< td=""><td>9372.06</td><td>25894.61</td><td>314.88</td><td>9070.05</td><td><lod< td=""><td>7.58</td><td>0.73 3</td><td>64.58 -</td><td>9.36 14</td><td>7.93</td><td><lod 18.7<="" td=""><td>633.58</td><td>142.53</td><td><lod< td=""><td>80.40</td><td>130.84</td><td>147.39 308.78</td></lod<></td></lod></td></lod<></td></lod<>	9372.06	25894.61	314.88	9070.05	<lod< td=""><td>7.58</td><td>0.73 3</td><td>64.58 -</td><td>9.36 14</td><td>7.93</td><td><lod 18.7<="" td=""><td>633.58</td><td>142.53</td><td><lod< td=""><td>80.40</td><td>130.84</td><td>147.39 308.78</td></lod<></td></lod></td></lod<>	7.58	0.73 3	64.58 -	9.36 14	7.93	<lod 18.7<="" td=""><td>633.58</td><td>142.53</td><td><lod< td=""><td>80.40</td><td>130.84</td><td>147.39 308.78</td></lod<></td></lod>	633.58	142.53	<lod< td=""><td>80.40</td><td>130.84</td><td>147.39 308.78</td></lod<>	80.40	130.84	147.39 308.78
HER-35	WDSW	Control	622004.12	151964.91	64197.04	<lod< td=""><td>11062.94</td><td>26822.64</td><td>598.40</td><td>8427.84</td><td><lod< td=""><td><lod< td=""><td>7.94 4</td><td>40.51 -</td><td>.21 13</td><td>4.27</td><td><lod 18.1<="" td=""><td>2 3590.55</td><td>135.47</td><td>1266.35</td><td>69.31</td><td>112.74</td><td>118.48 289.04</td></lod></td></lod<></td></lod<></td></lod<>	11062.94	26822.64	598.40	8427.84	<lod< td=""><td><lod< td=""><td>7.94 4</td><td>40.51 -</td><td>.21 13</td><td>4.27</td><td><lod 18.1<="" td=""><td>2 3590.55</td><td>135.47</td><td>1266.35</td><td>69.31</td><td>112.74</td><td>118.48 289.04</td></lod></td></lod<></td></lod<>	<lod< td=""><td>7.94 4</td><td>40.51 -</td><td>.21 13</td><td>4.27</td><td><lod 18.1<="" td=""><td>2 3590.55</td><td>135.47</td><td>1266.35</td><td>69.31</td><td>112.74</td><td>118.48 289.04</td></lod></td></lod<>	7.94 4	40.51 -	.21 13	4.27	<lod 18.1<="" td=""><td>2 3590.55</td><td>135.47</td><td>1266.35</td><td>69.31</td><td>112.74</td><td>118.48 289.04</td></lod>	2 3590.55	135.47	1266.35	69.31	112.74	118.48 289.04
HER-36	WDSW	Control	647352.30	161756.89	59372.67	<lod< td=""><td>9627.12</td><td>26156.39</td><td>226.30</td><td>10499.52</td><td><lod< td=""><td>64.14</td><td>-9.70 3</td><td>338.63 -</td><td>1.26 16</td><td>8.65</td><td><lod 18.4<="" td=""><td>7 852.93</td><td>148.09</td><td>1093.21</td><td>81.02</td><td>191.96</td><td>174.98 274.66</td></lod></td></lod<></td></lod<>	9627.12	26156.39	226.30	10499.52	<lod< td=""><td>64.14</td><td>-9.70 3</td><td>338.63 -</td><td>1.26 16</td><td>8.65</td><td><lod 18.4<="" td=""><td>7 852.93</td><td>148.09</td><td>1093.21</td><td>81.02</td><td>191.96</td><td>174.98 274.66</td></lod></td></lod<>	64.14	-9.70 3	338.63 -	1.26 16	8.65	<lod 18.4<="" td=""><td>7 852.93</td><td>148.09</td><td>1093.21</td><td>81.02</td><td>191.96</td><td>174.98 274.66</td></lod>	7 852.93	148.09	1093.21	81.02	191.96	174.98 274.66
HER-37	WDSW	Control	648883.97	152544.74	56017.47	<lod< td=""><td>10513.87</td><td>26360.84</td><td>360.86</td><td>8049.84</td><td><lod< td=""><td><lod< td=""><td>15.74 4</td><td>26.97</td><td>3.58 12</td><td>3.20</td><td><lod 14.1<="" td=""><td>4 3101.00</td><td>136.09</td><td>1731.03</td><td>63.17</td><td>127.33</td><td>189.72 242.77</td></lod></td></lod<></td></lod<></td></lod<>	10513.87	26360.84	360.86	8049.84	<lod< td=""><td><lod< td=""><td>15.74 4</td><td>26.97</td><td>3.58 12</td><td>3.20</td><td><lod 14.1<="" td=""><td>4 3101.00</td><td>136.09</td><td>1731.03</td><td>63.17</td><td>127.33</td><td>189.72 242.77</td></lod></td></lod<></td></lod<>	<lod< td=""><td>15.74 4</td><td>26.97</td><td>3.58 12</td><td>3.20</td><td><lod 14.1<="" td=""><td>4 3101.00</td><td>136.09</td><td>1731.03</td><td>63.17</td><td>127.33</td><td>189.72 242.77</td></lod></td></lod<>	15.74 4	26.97	3.58 12	3.20	<lod 14.1<="" td=""><td>4 3101.00</td><td>136.09</td><td>1731.03</td><td>63.17</td><td>127.33</td><td>189.72 242.77</td></lod>	4 3101.00	136.09	1731.03	63.17	127.33	189.72 242.77
HER-38	WDSW	Control	604485.76	145130.61	65528.43	<lod< td=""><td>9710.87</td><td>23354.00</td><td>385.89</td><td>8613.35</td><td><lod< td=""><td>28.91</td><td>2.84 2</td><td>261.62 -</td><td>1.12 13</td><td>9.39</td><td><lod 14.9<="" td=""><td>597.39</td><td>127.41</td><td>1061.75</td><td>63.96</td><td>115.71</td><td>130.27 339.64</td></lod></td></lod<></td></lod<>	9710.87	23354.00	385.89	8613.35	<lod< td=""><td>28.91</td><td>2.84 2</td><td>261.62 -</td><td>1.12 13</td><td>9.39</td><td><lod 14.9<="" td=""><td>597.39</td><td>127.41</td><td>1061.75</td><td>63.96</td><td>115.71</td><td>130.27 339.64</td></lod></td></lod<>	28.91	2.84 2	261.62 -	1.12 13	9.39	<lod 14.9<="" td=""><td>597.39</td><td>127.41</td><td>1061.75</td><td>63.96</td><td>115.71</td><td>130.27 339.64</td></lod>	597.39	127.41	1061.75	63.96	115.71	130.27 339.64
HER-39	WDSW	Control	645141.94	150984.75	51032.63	<lod< td=""><td>9153.89</td><td>28823.44</td><td>239.34</td><td>8874.97</td><td><lod< td=""><td>114.68</td><td>17.26 3</td><td>814.38 -</td><td>.40 11</td><td>7.02</td><td><lod 13.9<="" td=""><td>1 1528.49</td><td>135.70</td><td>1486.91</td><td>67.58</td><td>88.69</td><td>125.12 338.44</td></lod></td></lod<></td></lod<>	9153.89	28823.44	239.34	8874.97	<lod< td=""><td>114.68</td><td>17.26 3</td><td>814.38 -</td><td>.40 11</td><td>7.02</td><td><lod 13.9<="" td=""><td>1 1528.49</td><td>135.70</td><td>1486.91</td><td>67.58</td><td>88.69</td><td>125.12 338.44</td></lod></td></lod<>	114.68	17.26 3	814.38 -	.40 11	7.02	<lod 13.9<="" td=""><td>1 1528.49</td><td>135.70</td><td>1486.91</td><td>67.58</td><td>88.69</td><td>125.12 338.44</td></lod>	1 1528.49	135.70	1486.91	67.58	88.69	125.12 338.44
HER-40	WDSW	Control	603458.24	146905.93	54228.19	<lod< td=""><td>9403.87</td><td>25790.34</td><td>147.23</td><td>7836.70</td><td><lod< td=""><td>4.49</td><td>6.81 3</td><td>861.10</td><td>5.43 11</td><td>4.87</td><td><lod 15.5<="" td=""><td>7 1126.52</td><td>136.05</td><td>1727.38</td><td>67.31</td><td>120.21</td><td>117.00 253.68</td></lod></td></lod<></td></lod<>	9403.87	25790.34	147.23	7836.70	<lod< td=""><td>4.49</td><td>6.81 3</td><td>861.10</td><td>5.43 11</td><td>4.87</td><td><lod 15.5<="" td=""><td>7 1126.52</td><td>136.05</td><td>1727.38</td><td>67.31</td><td>120.21</td><td>117.00 253.68</td></lod></td></lod<>	4.49	6.81 3	861.10	5.43 11	4.87	<lod 15.5<="" td=""><td>7 1126.52</td><td>136.05</td><td>1727.38</td><td>67.31</td><td>120.21</td><td>117.00 253.68</td></lod>	7 1126.52	136.05	1727.38	67.31	120.21	117.00 253.68
HER-41	WDSW	Control	607422.38	145854.97	59435.96	<lod< td=""><td>9987.70</td><td>25347.61</td><td>160.64</td><td>8986.93</td><td><lod< td=""><td>106.59</td><td>-12.46 3</td><td>378.03 1</td><td>3.16 14</td><td>3.51</td><td><lod 16.6<="" td=""><td>2 6214.20</td><td>137.14</td><td>2291.68</td><td>60.44</td><td>125.47</td><td>120.07 266.70</td></lod></td></lod<></td></lod<>	9987.70	25347.61	160.64	8986.93	<lod< td=""><td>106.59</td><td>-12.46 3</td><td>378.03 1</td><td>3.16 14</td><td>3.51</td><td><lod 16.6<="" td=""><td>2 6214.20</td><td>137.14</td><td>2291.68</td><td>60.44</td><td>125.47</td><td>120.07 266.70</td></lod></td></lod<>	106.59	-12.46 3	378.03 1	3.16 14	3.51	<lod 16.6<="" td=""><td>2 6214.20</td><td>137.14</td><td>2291.68</td><td>60.44</td><td>125.47</td><td>120.07 266.70</td></lod>	2 6214.20	137.14	2291.68	60.44	125.47	120.07 266.70
HER-42	WDSW	Control	608868.62	152066.03	60317.23	<lod< td=""><td>9071.78</td><td>26480.03</td><td>241.47</td><td>10798.94</td><td>10462.64</td><td>81.34</td><td>-10.00 3</td><td>814.06</td><td>0.56 17</td><td>9.99</td><td><lod 16.4<="" td=""><td>2 889.86</td><td>148.27</td><td>781.69</td><td>83.42</td><td>198.28</td><td>173.47 269.13</td></lod></td></lod<>	9071.78	26480.03	241.47	10798.94	10462.64	81.34	-10.00 3	814.06	0.56 17	9.99	<lod 16.4<="" td=""><td>2 889.86</td><td>148.27</td><td>781.69</td><td>83.42</td><td>198.28</td><td>173.47 269.13</td></lod>	2 889.86	148.27	781.69	83.42	198.28	173.47 269.13
HER-43	WDSW	Control	623312.48	151802.28	58300.30	<lod< td=""><td>9356.67</td><td>29591.90</td><td>164.30</td><td>8363.52</td><td><lod< td=""><td>54.40</td><td>6.04 3</td><td>874.10 -</td><td>.27 11</td><td>9.06</td><td><lod 17.3<="" td=""><td>6 771.44</td><td>151.73</td><td>930.18</td><td>91.04</td><td>121.36</td><td>149.67 277.40</td></lod></td></lod<></td></lod<>	9356.67	29591.90	164.30	8363.52	<lod< td=""><td>54.40</td><td>6.04 3</td><td>874.10 -</td><td>.27 11</td><td>9.06</td><td><lod 17.3<="" td=""><td>6 771.44</td><td>151.73</td><td>930.18</td><td>91.04</td><td>121.36</td><td>149.67 277.40</td></lod></td></lod<>	54.40	6.04 3	874.10 -	.27 11	9.06	<lod 17.3<="" td=""><td>6 771.44</td><td>151.73</td><td>930.18</td><td>91.04</td><td>121.36</td><td>149.67 277.40</td></lod>	6 771.44	151.73	930.18	91.04	121.36	149.67 277.40
HER-44	WDSW	Control	626194.35	152250.51	62581.53	<lod< td=""><td>10078.56</td><td>27473.24</td><td>182.19</td><td>10499.69</td><td>8205.50</td><td>83.48</td><td>-1.58 3</td><td>304.23</td><td>0.19 16</td><td>1.55</td><td><lod 17.4<="" td=""><td>745.36</td><td>145.45</td><td>944.28</td><td>80.75</td><td>149.75</td><td>151.14 276.86</td></lod></td></lod<>	10078.56	27473.24	182.19	10499.69	8205.50	83.48	-1.58 3	304.23	0.19 16	1.55	<lod 17.4<="" td=""><td>745.36</td><td>145.45</td><td>944.28</td><td>80.75</td><td>149.75</td><td>151.14 276.86</td></lod>	745.36	145.45	944.28	80.75	149.75	151.14 276.86
HER-45	WDSW	Control	610488.06	154462.75	70305.55	<lod< td=""><td>9124.84</td><td>25397.58</td><td>197.26</td><td>10239.90</td><td><lod< td=""><td>164.87</td><td>-12.51 3</td><td>883.28</td><td>7.16 14</td><td>4.16</td><td><lod 17.8<="" td=""><td>9 1364.94</td><td>146.98</td><td>989.05</td><td>81.92</td><td>157.97</td><td>222.35 288.39</td></lod></td></lod<></td></lod<>	9124.84	25397.58	197.26	10239.90	<lod< td=""><td>164.87</td><td>-12.51 3</td><td>883.28</td><td>7.16 14</td><td>4.16</td><td><lod 17.8<="" td=""><td>9 1364.94</td><td>146.98</td><td>989.05</td><td>81.92</td><td>157.97</td><td>222.35 288.39</td></lod></td></lod<>	164.87	-12.51 3	883.28	7.16 14	4.16	<lod 17.8<="" td=""><td>9 1364.94</td><td>146.98</td><td>989.05</td><td>81.92</td><td>157.97</td><td>222.35 288.39</td></lod>	9 1364.94	146.98	989.05	81.92	157.97	222.35 288.39
HER-46	WDSW	Control	618237.87	145937.67	49718.72	<lod< td=""><td>8563.11</td><td>25863.56</td><td>101.10</td><td>8654.64</td><td><lod< td=""><td>271.29</td><td>-11.18 3</td><td>310.08 1</td><td>.23 11</td><td>8.12</td><td><lod 13.8<="" td=""><td>4 3619.58</td><td>139.74</td><td>1731.43</td><td>74.69</td><td>120.24</td><td>142.31 247.31</td></lod></td></lod<></td></lod<>	8563.11	25863.56	101.10	8654.64	<lod< td=""><td>271.29</td><td>-11.18 3</td><td>310.08 1</td><td>.23 11</td><td>8.12</td><td><lod 13.8<="" td=""><td>4 3619.58</td><td>139.74</td><td>1731.43</td><td>74.69</td><td>120.24</td><td>142.31 247.31</td></lod></td></lod<>	271.29	-11.18 3	310.08 1	.23 11	8.12	<lod 13.8<="" td=""><td>4 3619.58</td><td>139.74</td><td>1731.43</td><td>74.69</td><td>120.24</td><td>142.31 247.31</td></lod>	4 3619.58	139.74	1731.43	74.69	120.24	142.31 247.31
HER-47	WDSW	Control	638877.61	156542.29	60140.77	<lod< td=""><td>10259.32</td><td>27370.93</td><td>245.99</td><td>9739.95</td><td>34115.32</td><td>87.75</td><td>16.90 3</td><td>83.08 -</td><td>).92 13</td><td>5.92</td><td><lod 17.7<="" td=""><td>590.79</td><td>149.66</td><td>1262.32</td><td>85.31</td><td>160.93</td><td>191.65 238.22</td></lod></td></lod<>	10259.32	27370.93	245.99	9739.95	34115.32	87.75	16.90 3	83.08 -).92 13	5.92	<lod 17.7<="" td=""><td>590.79</td><td>149.66</td><td>1262.32</td><td>85.31</td><td>160.93</td><td>191.65 238.22</td></lod>	590.79	149.66	1262.32	85.31	160.93	191.65 238.22
HER-48	WDSW	Control	614263.96	155835.39	69865.88	<lod< td=""><td>10461.67</td><td>27335.52</td><td>441.68</td><td>9566.84</td><td><lod< td=""><td>166.89</td><td>57.50 4</td><td>27.69 1</td><td>2.48 15</td><td>8.29</td><td><lod 18.1<="" td=""><td>4975.57</td><td>138.39</td><td>1515.56</td><td>71.44</td><td>135.68</td><td>220.67 263.69</td></lod></td></lod<></td></lod<>	10461.67	27335.52	441.68	9566.84	<lod< td=""><td>166.89</td><td>57.50 4</td><td>27.69 1</td><td>2.48 15</td><td>8.29</td><td><lod 18.1<="" td=""><td>4975.57</td><td>138.39</td><td>1515.56</td><td>71.44</td><td>135.68</td><td>220.67 263.69</td></lod></td></lod<>	166.89	57.50 4	27.69 1	2.48 15	8.29	<lod 18.1<="" td=""><td>4975.57</td><td>138.39</td><td>1515.56</td><td>71.44</td><td>135.68</td><td>220.67 263.69</td></lod>	4975.57	138.39	1515.56	71.44	135.68	220.67 263.69
HER-49	WDSW	Control	617839.07	146762.93	58918.12	<lod< td=""><td>9188.11</td><td>27147.24</td><td>370.64</td><td>7953.63</td><td><lod< td=""><td>99.77</td><td>20.66 3</td><td>308.52</td><td>.60 12</td><td>7.29</td><td><lod 15.5<="" td=""><td>2732.73</td><td>144.94</td><td>5255.95</td><td>75.23</td><td>96.46</td><td>159.60 247.61</td></lod></td></lod<></td></lod<>	9188.11	27147.24	370.64	7953.63	<lod< td=""><td>99.77</td><td>20.66 3</td><td>308.52</td><td>.60 12</td><td>7.29</td><td><lod 15.5<="" td=""><td>2732.73</td><td>144.94</td><td>5255.95</td><td>75.23</td><td>96.46</td><td>159.60 247.61</td></lod></td></lod<>	99.77	20.66 3	308.52	.60 12	7.29	<lod 15.5<="" td=""><td>2732.73</td><td>144.94</td><td>5255.95</td><td>75.23</td><td>96.46</td><td>159.60 247.61</td></lod>	2732.73	144.94	5255.95	75.23	96.46	159.60 247.61
HER-50	WDSW	Control	593476.16	147016.27	53552.14	<lod< td=""><td>9384.05</td><td>25053.04</td><td>274.90</td><td>9136.99</td><td><lod< td=""><td>180.16</td><td>22.20 3</td><td>379.84</td><td>5.18 15</td><td>6.70</td><td><lod 16.0<="" td=""><td>5 4333.52</td><td>132.90</td><td>1406.75</td><td>59.61</td><td>150.49</td><td>154.05 244.03</td></lod></td></lod<></td></lod<>	9384.05	25053.04	274.90	9136.99	<lod< td=""><td>180.16</td><td>22.20 3</td><td>379.84</td><td>5.18 15</td><td>6.70</td><td><lod 16.0<="" td=""><td>5 4333.52</td><td>132.90</td><td>1406.75</td><td>59.61</td><td>150.49</td><td>154.05 244.03</td></lod></td></lod<>	180.16	22.20 3	379.84	5.18 15	6.70	<lod 16.0<="" td=""><td>5 4333.52</td><td>132.90</td><td>1406.75</td><td>59.61</td><td>150.49</td><td>154.05 244.03</td></lod>	5 4333.52	132.90	1406.75	59.61	150.49	154.05 244.03
X1	Christchurch	Unprovenanced	616906.86	148160.10	27202.39	<lod< td=""><td>10019,90</td><td>25819.99</td><td><lod< td=""><td>6501.92</td><td>27364.64</td><td>0.46</td><td>-6.79 3</td><td>337.47 -</td><td>3.87 6</td><td>2.23</td><td>89.28 8.3</td><td>9 103.92</td><td>135.85</td><td>1254.09</td><td>117.45</td><td>114.06</td><td>97.97 179.76</td></lod<></td></lod<>	10019,90	25819.99	<lod< td=""><td>6501.92</td><td>27364.64</td><td>0.46</td><td>-6.79 3</td><td>337.47 -</td><td>3.87 6</td><td>2.23</td><td>89.28 8.3</td><td>9 103.92</td><td>135.85</td><td>1254.09</td><td>117.45</td><td>114.06</td><td>97.97 179.76</td></lod<>	6501.92	27364.64	0.46	-6.79 3	337.47 -	3.87 6	2.23	89.28 8.3	9 103.92	135.85	1254.09	117.45	114.06	97.97 179.76
X2	Christchurch	Unprovenanced	581078.83	139820.63	31348.41	<lod< td=""><td>12964.80</td><td>28232.56</td><td><lod< td=""><td>7397.36</td><td>13914.50</td><td>9,36</td><td>-34.25 3</td><td>316.40 -</td><td>3.42 6</td><td>64.77</td><td>21.41 10.1</td><td>2 102.04</td><td>147.29</td><td>956.28</td><td>266.28</td><td>104.00</td><td>145.53 197.12</td></lod<></td></lod<>	12964.80	28232.56	<lod< td=""><td>7397.36</td><td>13914.50</td><td>9,36</td><td>-34.25 3</td><td>316.40 -</td><td>3.42 6</td><td>64.77</td><td>21.41 10.1</td><td>2 102.04</td><td>147.29</td><td>956.28</td><td>266.28</td><td>104.00</td><td>145.53 197.12</td></lod<>	7397.36	13914.50	9,36	-34.25 3	316.40 -	3.42 6	64.77	21.41 10.1	2 102.04	147.29	956.28	266.28	104.00	145.53 197.12
X3	Christchurch	Unprovenanced	665977.32	146441.94	23797.26	<lod< td=""><td>11297.35</td><td>25736.80</td><td>89.46</td><td>8675.23</td><td>9818.73</td><td>-5.78</td><td>-4.80 3</td><td>353.76 -</td><td>3.28</td><td>5.13</td><td><lod 16.0<="" td=""><td>1 222 OF</td><td>141.65</td><td><lod< td=""><td>94.89</td><td>101.32</td><td>42.06 295.56</td></lod<></td></lod></td></lod<>	11297.35	25736.80	89.46	8675.23	9818.73	-5.78	-4.80 3	353.76 -	3.28	5.13	<lod 16.0<="" td=""><td>1 222 OF</td><td>141.65</td><td><lod< td=""><td>94.89</td><td>101.32</td><td>42.06 295.56</td></lod<></td></lod>	1 222 OF	141.65	<lod< td=""><td>94.89</td><td>101.32</td><td>42.06 295.56</td></lod<>	94.89	101.32	42.06 295.56
X4	Christchurch	Unprovenanced	648796.64	151028.76	37433.76	<lod< td=""><td>9660.26</td><td>25746.57</td><td>266.80</td><td>8259.49</td><td>8093.43</td><td>3.48</td><td>-12.48 4</td><td>25.27 -</td><td>3.46 5</td><td>2.90</td><td>20.85 13.3</td><td>) 107.25</td><td>153.59</td><td><lod< td=""><td>128.18</td><td>102.11</td><td>110.35 223 49</td></lod<></td></lod<>	9660.26	25746.57	266.80	8259.49	8093.43	3.48	-12.48 4	25.27 -	3.46 5	2.90	20.85 13.3) 107.25	153.59	<lod< td=""><td>128.18</td><td>102.11</td><td>110.35 223 49</td></lod<>	128.18	102.11	110.35 223 49
X5	Christchurch	Upprovenanced	656656.03	153572 15	31993.80		11067.04	21047 43	85.80	8855.81	7812 23		-14.06.2	259.66 -	192 6	8 82	21 58 14 5	1 2722.20	138 74	1606 11	105 49	114.38	51 05 334 77
					2.000.00	-200		=	00.00	5000.01		-200	2				=						2

Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K ₂ O	*MnO	*TiO ₂	*P ₂ O ₅	*As	*Ag	*Ba	*Bi	*Cr	*Cu	*Nb	*Pb	*Rb	*S	*Sr	*V	*Zn *Zr
X6	Christchurch	Unprovenanced	639252.68	148687.84	33384.67	<lod< td=""><td>19635.78</td><td>20520.34</td><td>357.20</td><td>8182.67</td><td>22374.58</td><td><lod< td=""><td>-4.85</td><td>324.23</td><td>-6.78</td><td>45.88</td><td>47.76</td><td>15.28</td><td>716.06</td><td>139.64</td><td>758.63</td><td>121.37</td><td>86.27</td><td>88.04 332.06</td></lod<></td></lod<>	19635.78	20520.34	357.20	8182.67	22374.58	<lod< td=""><td>-4.85</td><td>324.23</td><td>-6.78</td><td>45.88</td><td>47.76</td><td>15.28</td><td>716.06</td><td>139.64</td><td>758.63</td><td>121.37</td><td>86.27</td><td>88.04 332.06</td></lod<>	-4.85	324.23	-6.78	45.88	47.76	15.28	716.06	139.64	758.63	121.37	86.27	88.04 332.06
X7	Christchurch	Unprovenanced	631575.01	145710.54	24125.42	<lod< td=""><td>20374.54</td><td>20819.16</td><td>534.74</td><td>7909.95</td><td>18458.44</td><td>-0.21</td><td>-24.33</td><td>339.86</td><td>-9.88</td><td>41.58</td><td>33.08</td><td>14.39</td><td>80.16</td><td>134.53</td><td>872.23</td><td>121.26</td><td>91.51</td><td>84.40 352.76</td></lod<>	20374.54	20819.16	534.74	7909.95	18458.44	-0.21	-24.33	339.86	-9.88	41.58	33.08	14.39	80.16	134.53	872.23	121.26	91.51	84.40 352.76
X8	Christchurch	Unprovenanced	657520.60	144749.29	22323.72	<lod< td=""><td>15724.70</td><td>20091.19</td><td>346.59</td><td>8574.85</td><td>14826.80</td><td>0.52</td><td>-2.20</td><td>243.53</td><td>-11.23</td><td>28.23</td><td><lod< td=""><td>9.32</td><td>51.59</td><td>117.77</td><td>1076.44</td><td>170.13</td><td>47.04</td><td>82.15 202.73</td></lod<></td></lod<>	15724.70	20091.19	346.59	8574.85	14826.80	0.52	-2.20	243.53	-11.23	28.23	<lod< td=""><td>9.32</td><td>51.59</td><td>117.77</td><td>1076.44</td><td>170.13</td><td>47.04</td><td>82.15 202.73</td></lod<>	9.32	51.59	117.77	1076.44	170.13	47.04	82.15 202.73
X9	Christchurch	Unprovenanced	665027.44	145975.50	29409.74	<lod< td=""><td>19547.76</td><td>21351.54</td><td>429.74</td><td>7810.00</td><td>13900.06</td><td>-1.17</td><td>0.46</td><td>287.16</td><td>12.75</td><td>12.58</td><td>72.07</td><td>10.35</td><td>67.04</td><td>120.80</td><td>905.52</td><td>186.38</td><td>62.93</td><td>121.90 223.14</td></lod<>	19547.76	21351.54	429.74	7810.00	13900.06	-1.17	0.46	287.16	12.75	12.58	72.07	10.35	67.04	120.80	905.52	186.38	62.93	121.90 223.14
X10	Christchurch	Unprovenanced	673932.88	144304.90	50675.96	<lod< td=""><td>9992.11</td><td>25375.69</td><td>122.02</td><td>8096.97</td><td>10439.87</td><td>-1.19</td><td>10.31</td><td>360.55</td><td>-7.82</td><td>72.00</td><td><lod< td=""><td>14.52</td><td>43.87</td><td>140.53</td><td>794.71</td><td>79.24</td><td>99.62</td><td>73.60 280.07</td></lod<></td></lod<>	9992.11	25375.69	122.02	8096.97	10439.87	-1.19	10.31	360.55	-7.82	72.00	<lod< td=""><td>14.52</td><td>43.87</td><td>140.53</td><td>794.71</td><td>79.24</td><td>99.62</td><td>73.60 280.07</td></lod<>	14.52	43.87	140.53	794.71	79.24	99.62	73.60 280.07
X11	Christchurch	Unprovenanced	626814.68	145077.29	40516.57	<lod< td=""><td>24009.45</td><td>20312.45</td><td>1130.18</td><td>7250.65</td><td>16384.62</td><td>9.11</td><td>-16.67</td><td>418.73</td><td>-10.01</td><td>58.31</td><td>35.60</td><td>13.25</td><td>809.10</td><td>130.54</td><td>1091.40</td><td>236.88</td><td>74.22</td><td>311.43 213.39</td></lod<>	24009.45	20312.45	1130.18	7250.65	16384.62	9.11	-16.67	418.73	-10.01	58.31	35.60	13.25	809.10	130.54	1091.40	236.88	74.22	311.43 213.39
X12	Christchurch	Unprovenanced	649241.89	149294.63	34479.03	<lod< td=""><td>10707.33</td><td>27756.66</td><td>305.92</td><td>7654.61</td><td>-1847.52</td><td>-1.95</td><td>-23.94</td><td>358.56</td><td>-10.73</td><td>76.58</td><td>31.32</td><td>12.66</td><td>74.57</td><td>147.93</td><td><lod< td=""><td>104.79</td><td>117.66</td><td>95.08 196.49</td></lod<></td></lod<>	10707.33	27756.66	305.92	7654.61	-1847.52	-1.95	-23.94	358.56	-10.73	76.58	31.32	12.66	74.57	147.93	<lod< td=""><td>104.79</td><td>117.66</td><td>95.08 196.49</td></lod<>	104.79	117.66	95.08 196.49
DOR1	Dorchester	Unprovenanced	614792.04	137525.42	35347.84	<lod< td=""><td>27232.26</td><td>22973.32</td><td>282.64</td><td>6109.00</td><td>19147.61</td><td>1.40</td><td>-0.02</td><td>299.28</td><td>-9.22</td><td>51.44</td><td><lod< td=""><td>11.69</td><td>24.69</td><td>125.48</td><td>737.48</td><td>105.10</td><td>47.55</td><td>100.11 267.47</td></lod<></td></lod<>	27232.26	22973.32	282.64	6109.00	19147.61	1.40	-0.02	299.28	-9.22	51.44	<lod< td=""><td>11.69</td><td>24.69</td><td>125.48</td><td>737.48</td><td>105.10</td><td>47.55</td><td>100.11 267.47</td></lod<>	11.69	24.69	125.48	737.48	105.10	47.55	100.11 267.47
DOR2	Dorchester	Unprovenanced	585516.15	132585.46	30287.25	<lod< td=""><td>30785.13</td><td>19904.78</td><td>492.63</td><td>5966.82</td><td>40260.74</td><td>11.98</td><td>10.31</td><td>402.78</td><td>-11.41</td><td>43.24</td><td>74.18</td><td>11.01</td><td>324.31</td><td>120.21</td><td>1653.67</td><td>224.13</td><td>22.52</td><td>509.98 234.37</td></lod<>	30785.13	19904.78	492.63	5966.82	40260.74	11.98	10.31	402.78	-11.41	43.24	74.18	11.01	324.31	120.21	1653.67	224.13	22.52	509.98 234.37
DOR3	Dorchester	Unprovenanced	560452.59	135358.94	20215.52	<lod< td=""><td>30675.99</td><td>23502.25</td><td>728.44</td><td>5406.35</td><td>31956.17</td><td>-3.92</td><td><lod< td=""><td>330.79</td><td>-9.59</td><td>35.60</td><td>42.40</td><td>8.03</td><td>99.40</td><td>126.23</td><td><lod< td=""><td>495.95</td><td>14.37</td><td>763.28 160.01</td></lod<></td></lod<></td></lod<>	30675.99	23502.25	728.44	5406.35	31956.17	-3.92	<lod< td=""><td>330.79</td><td>-9.59</td><td>35.60</td><td>42.40</td><td>8.03</td><td>99.40</td><td>126.23</td><td><lod< td=""><td>495.95</td><td>14.37</td><td>763.28 160.01</td></lod<></td></lod<>	330.79	-9.59	35.60	42.40	8.03	99.40	126.23	<lod< td=""><td>495.95</td><td>14.37</td><td>763.28 160.01</td></lod<>	495.95	14.37	763.28 160.01
DOR4	Dorchester	Unprovenanced	578292.76	138537.93	20342.06	<lod< td=""><td>28447.15</td><td>21531.29</td><td>436.79</td><td>6180.56</td><td>9577.54</td><td>-10.59</td><td>13.94</td><td>431.84</td><td>-10.84</td><td>30.79</td><td>24.70</td><td>8.31</td><td>68.66</td><td>125.05</td><td><lod< td=""><td>188.22</td><td>33.32</td><td>93.13 179.39</td></lod<></td></lod<>	28447.15	21531.29	436.79	6180.56	9577.54	-10.59	13.94	431.84	-10.84	30.79	24.70	8.31	68.66	125.05	<lod< td=""><td>188.22</td><td>33.32</td><td>93.13 179.39</td></lod<>	188.22	33.32	93.13 179.39
DOR5	Dorchester	Unprovenanced	613227.30	133801.09	26965.22	<lod< td=""><td>18674.03</td><td>22420.09</td><td>247.61</td><td>6838.24</td><td>25056.43</td><td>5.63</td><td>6.24</td><td>564.77</td><td>-5.44</td><td>37.05</td><td>143.99</td><td>10.88</td><td>1237.19</td><td>111.14</td><td><lod< td=""><td>257.63</td><td>5.10</td><td>510.12 244.47</td></lod<></td></lod<>	18674.03	22420.09	247.61	6838.24	25056.43	5.63	6.24	564.77	-5.44	37.05	143.99	10.88	1237.19	111.14	<lod< td=""><td>257.63</td><td>5.10</td><td>510.12 244.47</td></lod<>	257.63	5.10	510.12 244.47
DOR6	Dorchester	Unprovenanced	612064.89	139949.51	44958.61	<lod< td=""><td>16677.20</td><td>24854.05</td><td>310.35</td><td>6475.04</td><td>5800.67</td><td>10.92</td><td>-26.64</td><td>330.97</td><td>-7.52</td><td>54.39</td><td><lod< td=""><td>13.55</td><td>126.84</td><td>138.31</td><td><lod< td=""><td>89.03</td><td>68.39</td><td>92.88 303.57</td></lod<></td></lod<></td></lod<>	16677.20	24854.05	310.35	6475.04	5800.67	10.92	-26.64	330.97	-7.52	54.39	<lod< td=""><td>13.55</td><td>126.84</td><td>138.31</td><td><lod< td=""><td>89.03</td><td>68.39</td><td>92.88 303.57</td></lod<></td></lod<>	13.55	126.84	138.31	<lod< td=""><td>89.03</td><td>68.39</td><td>92.88 303.57</td></lod<>	89.03	68.39	92.88 303.57
DOR7	Dorchester	Unprovenanced	609744.39	138519.46	49051.83	<lod< td=""><td>57606.08</td><td>25998.91</td><td>255.60</td><td>6928.36</td><td>13036.84</td><td>2.43</td><td>-33.09</td><td>330.86</td><td>-7.81</td><td>101.88</td><td><lod< td=""><td>16.79</td><td>40.51</td><td>145.34</td><td><lod< td=""><td>117.22</td><td>77.38</td><td>126.01 238.34</td></lod<></td></lod<></td></lod<>	57606.08	25998.91	255.60	6928.36	13036.84	2.43	-33.09	330.86	-7.81	101.88	<lod< td=""><td>16.79</td><td>40.51</td><td>145.34</td><td><lod< td=""><td>117.22</td><td>77.38</td><td>126.01 238.34</td></lod<></td></lod<>	16.79	40.51	145.34	<lod< td=""><td>117.22</td><td>77.38</td><td>126.01 238.34</td></lod<>	117.22	77.38	126.01 238.34
DOR8	Dorchester	Unprovenanced	569821.12	133716.76	35242.14	<lod< td=""><td>29279.21</td><td>23975.45</td><td>493.61</td><td>6240.43</td><td>19039.27</td><td>-7.96</td><td>49.27</td><td>476.63</td><td>-9.02</td><td>74.78</td><td><lod< td=""><td>11.96</td><td>48.28</td><td>133.34</td><td><lod< td=""><td>92.65</td><td>53.64</td><td>82.16 230.32</td></lod<></td></lod<></td></lod<>	29279.21	23975.45	493.61	6240.43	19039.27	-7.96	49.27	476.63	-9.02	74.78	<lod< td=""><td>11.96</td><td>48.28</td><td>133.34</td><td><lod< td=""><td>92.65</td><td>53.64</td><td>82.16 230.32</td></lod<></td></lod<>	11.96	48.28	133.34	<lod< td=""><td>92.65</td><td>53.64</td><td>82.16 230.32</td></lod<>	92.65	53.64	82.16 230.32
EWO1	East Worth	Unprovenanced	582291.57	163627.25	14313.37	<lod< td=""><td>6076.42</td><td>10154.98</td><td><lod< td=""><td>10560.01</td><td>3461.30</td><td>33.15</td><td><lod< td=""><td>213.98</td><td>-7.11</td><td>65.32</td><td>-5.96</td><td>13.86</td><td>41.95</td><td>74.00</td><td>230.06</td><td>56.26</td><td>106.78</td><td>86.68 233.80</td></lod<></td></lod<></td></lod<>	6076.42	10154.98	<lod< td=""><td>10560.01</td><td>3461.30</td><td>33.15</td><td><lod< td=""><td>213.98</td><td>-7.11</td><td>65.32</td><td>-5.96</td><td>13.86</td><td>41.95</td><td>74.00</td><td>230.06</td><td>56.26</td><td>106.78</td><td>86.68 233.80</td></lod<></td></lod<>	10560.01	3461.30	33.15	<lod< td=""><td>213.98</td><td>-7.11</td><td>65.32</td><td>-5.96</td><td>13.86</td><td>41.95</td><td>74.00</td><td>230.06</td><td>56.26</td><td>106.78</td><td>86.68 233.80</td></lod<>	213.98	-7.11	65.32	-5.96	13.86	41.95	74.00	230.06	56.26	106.78	86.68 233.80
EWO2	East Worth	Unprovenanced	620758.23	208549.13	29620.26	<lod< td=""><td>5856.35</td><td>10440.23</td><td><lod< td=""><td>8994.75</td><td>851.26</td><td>5.75</td><td><lod< td=""><td>243.56</td><td>-18.33</td><td>67.49</td><td>-8.55</td><td>11.50</td><td>54.26</td><td>82.98</td><td>-50.13</td><td>66.44</td><td>84.49</td><td>90.96 208.30</td></lod<></td></lod<></td></lod<>	5856.35	10440.23	<lod< td=""><td>8994.75</td><td>851.26</td><td>5.75</td><td><lod< td=""><td>243.56</td><td>-18.33</td><td>67.49</td><td>-8.55</td><td>11.50</td><td>54.26</td><td>82.98</td><td>-50.13</td><td>66.44</td><td>84.49</td><td>90.96 208.30</td></lod<></td></lod<>	8994.75	851.26	5.75	<lod< td=""><td>243.56</td><td>-18.33</td><td>67.49</td><td>-8.55</td><td>11.50</td><td>54.26</td><td>82.98</td><td>-50.13</td><td>66.44</td><td>84.49</td><td>90.96 208.30</td></lod<>	243.56	-18.33	67.49	-8.55	11.50	54.26	82.98	-50.13	66.44	84.49	90.96 208.30
EWO3	East Worth	Unprovenanced	627061.05	208999.15	22798.76	<lod< td=""><td>5928.58</td><td>6873.51</td><td><lod< td=""><td>6992.92</td><td>693.85</td><td>2.20</td><td><lod< td=""><td>257.92</td><td>-20.45</td><td>48.49</td><td>-8.55</td><td>6.99</td><td>22.01</td><td>54.48</td><td>81.70</td><td>68.09</td><td>69.89</td><td>34.06 190.47</td></lod<></td></lod<></td></lod<>	5928.58	6873.51	<lod< td=""><td>6992.92</td><td>693.85</td><td>2.20</td><td><lod< td=""><td>257.92</td><td>-20.45</td><td>48.49</td><td>-8.55</td><td>6.99</td><td>22.01</td><td>54.48</td><td>81.70</td><td>68.09</td><td>69.89</td><td>34.06 190.47</td></lod<></td></lod<>	6992.92	693.85	2.20	<lod< td=""><td>257.92</td><td>-20.45</td><td>48.49</td><td>-8.55</td><td>6.99</td><td>22.01</td><td>54.48</td><td>81.70</td><td>68.09</td><td>69.89</td><td>34.06 190.47</td></lod<>	257.92	-20.45	48.49	-8.55	6.99	22.01	54.48	81.70	68.09	69.89	34.06 190.47
EWO4	East Worth	Unprovenanced	494042.98	150952.46	31941.26	<lod< td=""><td>9458.99</td><td>6948.99</td><td><lod< td=""><td>7868.45</td><td>1390.13</td><td>31.70</td><td><lod< td=""><td>244.53</td><td>-18.63</td><td>57.80</td><td>-2.98</td><td>7.84</td><td>21.61</td><td>50.28</td><td>8.50</td><td>51.14</td><td>68.75</td><td>35.69 161.66</td></lod<></td></lod<></td></lod<>	9458.99	6948.99	<lod< td=""><td>7868.45</td><td>1390.13</td><td>31.70</td><td><lod< td=""><td>244.53</td><td>-18.63</td><td>57.80</td><td>-2.98</td><td>7.84</td><td>21.61</td><td>50.28</td><td>8.50</td><td>51.14</td><td>68.75</td><td>35.69 161.66</td></lod<></td></lod<>	7868.45	1390.13	31.70	<lod< td=""><td>244.53</td><td>-18.63</td><td>57.80</td><td>-2.98</td><td>7.84</td><td>21.61</td><td>50.28</td><td>8.50</td><td>51.14</td><td>68.75</td><td>35.69 161.66</td></lod<>	244.53	-18.63	57.80	-2.98	7.84	21.61	50.28	8.50	51.14	68.75	35.69 161.66
EWO5	East Worth	Unprovenanced	628931.79	191607.00	24148.57	<lod< td=""><td>5273.72</td><td>18176.90</td><td><lod< td=""><td>7519.16</td><td>705.00</td><td><lod< td=""><td><lod< td=""><td>307.49</td><td>24.99</td><td>48.88</td><td>158.06</td><td>13.05</td><td>4856.94</td><td>110.15</td><td>479.18</td><td>91.58</td><td>77.36</td><td>130.41 177.65</td></lod<></td></lod<></td></lod<></td></lod<>	5273.72	18176.90	<lod< td=""><td>7519.16</td><td>705.00</td><td><lod< td=""><td><lod< td=""><td>307.49</td><td>24.99</td><td>48.88</td><td>158.06</td><td>13.05</td><td>4856.94</td><td>110.15</td><td>479.18</td><td>91.58</td><td>77.36</td><td>130.41 177.65</td></lod<></td></lod<></td></lod<>	7519.16	705.00	<lod< td=""><td><lod< td=""><td>307.49</td><td>24.99</td><td>48.88</td><td>158.06</td><td>13.05</td><td>4856.94</td><td>110.15</td><td>479.18</td><td>91.58</td><td>77.36</td><td>130.41 177.65</td></lod<></td></lod<>	<lod< td=""><td>307.49</td><td>24.99</td><td>48.88</td><td>158.06</td><td>13.05</td><td>4856.94</td><td>110.15</td><td>479.18</td><td>91.58</td><td>77.36</td><td>130.41 177.65</td></lod<>	307.49	24.99	48.88	158.06	13.05	4856.94	110.15	479.18	91.58	77.36	130.41 177.65
EWO6	East Worth	Unprovenanced	574817.98	273522.97	28116.89	<lod< td=""><td>4651.65</td><td>22965.94</td><td><lod< td=""><td>11334.65</td><td>1724.15</td><td>22.49</td><td><lod< td=""><td>290.08</td><td>12.17</td><td>94.58</td><td>1.79</td><td>13.65</td><td>204.77</td><td>86.59</td><td>477.50</td><td>62.16</td><td>62.73</td><td>211.47 240.43</td></lod<></td></lod<></td></lod<>	4651.65	22965.94	<lod< td=""><td>11334.65</td><td>1724.15</td><td>22.49</td><td><lod< td=""><td>290.08</td><td>12.17</td><td>94.58</td><td>1.79</td><td>13.65</td><td>204.77</td><td>86.59</td><td>477.50</td><td>62.16</td><td>62.73</td><td>211.47 240.43</td></lod<></td></lod<>	11334.65	1724.15	22.49	<lod< td=""><td>290.08</td><td>12.17</td><td>94.58</td><td>1.79</td><td>13.65</td><td>204.77</td><td>86.59</td><td>477.50</td><td>62.16</td><td>62.73</td><td>211.47 240.43</td></lod<>	290.08	12.17	94.58	1.79	13.65	204.77	86.59	477.50	62.16	62.73	211.47 240.43
EWO7	East Worth	Unprovenanced	510431.15	157920.19	48714.64	<lod< td=""><td>10733.24</td><td>11682.58</td><td><lod< td=""><td>10420.25</td><td>4627.03</td><td>41.84</td><td><lod< td=""><td>343.36</td><td>-21.13</td><td>95.47</td><td>15.94</td><td>15.28</td><td>386.79</td><td>76.71</td><td>759.73</td><td>68.80</td><td>96.44</td><td>76.11 248.93</td></lod<></td></lod<></td></lod<>	10733.24	11682.58	<lod< td=""><td>10420.25</td><td>4627.03</td><td>41.84</td><td><lod< td=""><td>343.36</td><td>-21.13</td><td>95.47</td><td>15.94</td><td>15.28</td><td>386.79</td><td>76.71</td><td>759.73</td><td>68.80</td><td>96.44</td><td>76.11 248.93</td></lod<></td></lod<>	10420.25	4627.03	41.84	<lod< td=""><td>343.36</td><td>-21.13</td><td>95.47</td><td>15.94</td><td>15.28</td><td>386.79</td><td>76.71</td><td>759.73</td><td>68.80</td><td>96.44</td><td>76.11 248.93</td></lod<>	343.36	-21.13	95.47	15.94	15.28	386.79	76.71	759.73	68.80	96.44	76.11 248.93
EWO8	East Worth	Unprovenanced	544245.80	176009.42	63922.65	<lod< td=""><td>7005.19</td><td>10195.54</td><td><lod< td=""><td>9480.16</td><td>4315.01</td><td>52.67</td><td><lod< td=""><td>313.80</td><td><lod< td=""><td>102.54</td><td>7.87</td><td>11.20</td><td>1481.08</td><td>43.01</td><td>966.69</td><td>31.91</td><td>191.11</td><td>86.83 252.05</td></lod<></td></lod<></td></lod<></td></lod<>	7005.19	10195.54	<lod< td=""><td>9480.16</td><td>4315.01</td><td>52.67</td><td><lod< td=""><td>313.80</td><td><lod< td=""><td>102.54</td><td>7.87</td><td>11.20</td><td>1481.08</td><td>43.01</td><td>966.69</td><td>31.91</td><td>191.11</td><td>86.83 252.05</td></lod<></td></lod<></td></lod<>	9480.16	4315.01	52.67	<lod< td=""><td>313.80</td><td><lod< td=""><td>102.54</td><td>7.87</td><td>11.20</td><td>1481.08</td><td>43.01</td><td>966.69</td><td>31.91</td><td>191.11</td><td>86.83 252.05</td></lod<></td></lod<>	313.80	<lod< td=""><td>102.54</td><td>7.87</td><td>11.20</td><td>1481.08</td><td>43.01</td><td>966.69</td><td>31.91</td><td>191.11</td><td>86.83 252.05</td></lod<>	102.54	7.87	11.20	1481.08	43.01	966.69	31.91	191.11	86.83 252.05
EWO9	East Worth	Unprovenanced	503684.09	123704.87	34084.97	<lod< td=""><td>4826.73</td><td>13319.35</td><td><lod< td=""><td>10327.60</td><td>4584.68</td><td><lod< td=""><td><lod< td=""><td>262.55</td><td>-20.03</td><td>93.34</td><td>8.16</td><td>13.92</td><td>2023.46</td><td>65.93</td><td>1300.77</td><td>53.96</td><td>163.63</td><td>97.39 391.59</td></lod<></td></lod<></td></lod<></td></lod<>	4826.73	13319.35	<lod< td=""><td>10327.60</td><td>4584.68</td><td><lod< td=""><td><lod< td=""><td>262.55</td><td>-20.03</td><td>93.34</td><td>8.16</td><td>13.92</td><td>2023.46</td><td>65.93</td><td>1300.77</td><td>53.96</td><td>163.63</td><td>97.39 391.59</td></lod<></td></lod<></td></lod<>	10327.60	4584.68	<lod< td=""><td><lod< td=""><td>262.55</td><td>-20.03</td><td>93.34</td><td>8.16</td><td>13.92</td><td>2023.46</td><td>65.93</td><td>1300.77</td><td>53.96</td><td>163.63</td><td>97.39 391.59</td></lod<></td></lod<>	<lod< td=""><td>262.55</td><td>-20.03</td><td>93.34</td><td>8.16</td><td>13.92</td><td>2023.46</td><td>65.93</td><td>1300.77</td><td>53.96</td><td>163.63</td><td>97.39 391.59</td></lod<>	262.55	-20.03	93.34	8.16	13.92	2023.46	65.93	1300.77	53.96	163.63	97.39 391.59
EWO10	East Worth	Unprovenanced	600194.66	183914.53	39723.70	<lod< td=""><td>5373.63</td><td>13591.62</td><td>437.32</td><td>13128.73</td><td>2573.46</td><td>32.71</td><td><lod< td=""><td>291.47</td><td>-11.04</td><td>98.54</td><td>22.35</td><td>16.66</td><td>441.66</td><td>65.00</td><td>671.30</td><td>67.67</td><td>127.89</td><td>209.36 319.31</td></lod<></td></lod<>	5373.63	13591.62	437.32	13128.73	2573.46	32.71	<lod< td=""><td>291.47</td><td>-11.04</td><td>98.54</td><td>22.35</td><td>16.66</td><td>441.66</td><td>65.00</td><td>671.30</td><td>67.67</td><td>127.89</td><td>209.36 319.31</td></lod<>	291.47	-11.04	98.54	22.35	16.66	441.66	65.00	671.30	67.67	127.89	209.36 319.31
FOR-1	Fordingbridge	Unprovenanced	587676.71	139089.24	25150.38	<lod< td=""><td>68900.26</td><td>19309.48</td><td>1108.17</td><td>6530.80</td><td>32065.96</td><td>50.47</td><td>-36.28</td><td>208.62</td><td>10.17</td><td>30.95</td><td>39.27</td><td>14.01</td><td>1176.74</td><td>131.12</td><td>1591.15</td><td>109.84</td><td>67.42</td><td>250.27 237.77</td></lod<>	68900.26	19309.48	1108.17	6530.80	32065.96	50.47	-36.28	208.62	10.17	30.95	39.27	14.01	1176.74	131.12	1591.15	109.84	67.42	250.27 237.77
FOR-2	Fordingbridge	Unprovenanced	649665.70	145635.79	22797.93	<lod< td=""><td>16933.02</td><td>25113.13</td><td><lod< td=""><td>9033.26</td><td>#VALUE!</td><td>-3.99</td><td>-13.71</td><td>357.93</td><td>-11.51</td><td>50.45</td><td><lod< td=""><td>16.88</td><td>461.81</td><td>137.24</td><td>1346.06</td><td>88.97</td><td>101.60</td><td>28.34 265.26</td></lod<></td></lod<></td></lod<>	16933.02	25113.13	<lod< td=""><td>9033.26</td><td>#VALUE!</td><td>-3.99</td><td>-13.71</td><td>357.93</td><td>-11.51</td><td>50.45</td><td><lod< td=""><td>16.88</td><td>461.81</td><td>137.24</td><td>1346.06</td><td>88.97</td><td>101.60</td><td>28.34 265.26</td></lod<></td></lod<>	9033.26	#VALUE!	-3.99	-13.71	357.93	-11.51	50.45	<lod< td=""><td>16.88</td><td>461.81</td><td>137.24</td><td>1346.06</td><td>88.97</td><td>101.60</td><td>28.34 265.26</td></lod<>	16.88	461.81	137.24	1346.06	88.97	101.60	28.34 265.26
FOR-3	Fordingbridge	Unprovenanced	651383.19	147713.92	34167.82	<lod< td=""><td>16642.80</td><td>20958.90</td><td>488.38</td><td>7051.29</td><td>223.16</td><td>-4.38</td><td>-3.46</td><td>299.34</td><td>-14.36</td><td>47.80</td><td>27.01</td><td>10.16</td><td>41.50</td><td>117.07</td><td><lod< td=""><td>159.48</td><td>61.53</td><td>163.43 176.18</td></lod<></td></lod<>	16642.80	20958.90	488.38	7051.29	223.16	-4.38	-3.46	299.34	-14.36	47.80	27.01	10.16	41.50	117.07	<lod< td=""><td>159.48</td><td>61.53</td><td>163.43 176.18</td></lod<>	159.48	61.53	163.43 176.18
FOR-4	Fordingbridge	Unprovenanced	633506.96	147181.17	28281.73	<lod< td=""><td>12441.54</td><td>18084.93</td><td>332.36</td><td>7796.16</td><td>-6462.96</td><td>-12.93</td><td>-28.18</td><td>207.23</td><td>-14.22</td><td>62.65</td><td><lod< td=""><td>11.97</td><td>17.01</td><td>112.10</td><td><lod< td=""><td>104.77</td><td>64.08</td><td>42.91 196.20</td></lod<></td></lod<></td></lod<>	12441.54	18084.93	332.36	7796.16	-6462.96	-12.93	-28.18	207.23	-14.22	62.65	<lod< td=""><td>11.97</td><td>17.01</td><td>112.10</td><td><lod< td=""><td>104.77</td><td>64.08</td><td>42.91 196.20</td></lod<></td></lod<>	11.97	17.01	112.10	<lod< td=""><td>104.77</td><td>64.08</td><td>42.91 196.20</td></lod<>	104.77	64.08	42.91 196.20
FOR-5	Fordingbridge	Unprovenanced	668565.07	156921.42	29416.23	<lod< td=""><td>11765.58</td><td>19678.21</td><td>193.17</td><td>9042.54</td><td>-5370.00</td><td>-9.12</td><td>-10.73</td><td>310.27</td><td>-8.63</td><td>76.51</td><td>60.27</td><td>16.40</td><td>83.31</td><td>141.58</td><td>4759.50</td><td>102.52</td><td>120.75</td><td>51.69 261.75</td></lod<>	11765.58	19678.21	193.17	9042.54	-5370.00	-9.12	-10.73	310.27	-8.63	76.51	60.27	16.40	83.31	141.58	4759.50	102.52	120.75	51.69 261.75
FOR-6	Fordingbridge	Unprovenanced	656218.87	150716.12	34269.27	<lod< td=""><td>10921.15</td><td>21601.85</td><td>504.81</td><td>8236.74</td><td>-5542.33</td><td>-8.93</td><td>-28.19</td><td>347.15</td><td>-7.56</td><td>69.56</td><td>40.64</td><td>14.93</td><td>65.93</td><td>140.95</td><td><lod< td=""><td>126.93</td><td>107.30</td><td>69.47 222.84</td></lod<></td></lod<>	10921.15	21601.85	504.81	8236.74	-5542.33	-8.93	-28.19	347.15	-7.56	69.56	40.64	14.93	65.93	140.95	<lod< td=""><td>126.93</td><td>107.30</td><td>69.47 222.84</td></lod<>	126.93	107.30	69.47 222.84
FOR-7	Fordingbridge	Unprovenanced	661764.50	154959.25	32662.39	<lod< td=""><td>11933.57</td><td>20004.04</td><td>237.87</td><td>8696.91</td><td>-5014.58</td><td><lod< td=""><td>-38.97</td><td>244.88</td><td>-5.17</td><td>52.54</td><td>39.62</td><td>16.65</td><td>1639.96</td><td>137.05</td><td>965.39</td><td>106.02</td><td>121.61</td><td>49.53 276.89</td></lod<></td></lod<>	11933.57	20004.04	237.87	8696.91	-5014.58	<lod< td=""><td>-38.97</td><td>244.88</td><td>-5.17</td><td>52.54</td><td>39.62</td><td>16.65</td><td>1639.96</td><td>137.05</td><td>965.39</td><td>106.02</td><td>121.61</td><td>49.53 276.89</td></lod<>	-38.97	244.88	-5.17	52.54	39.62	16.65	1639.96	137.05	965.39	106.02	121.61	49.53 276.89
FOR-8	Fordingbridge	Unprovenanced	655223.40	153389.21	31509.01	<lod< td=""><td>11085.77</td><td>20068.59</td><td>146.96</td><td>8280.93</td><td>-6132.92</td><td>-7.93</td><td>-30.31</td><td>282.81</td><td>-7.56</td><td>49.97</td><td>54.67</td><td>15.24</td><td>110.52</td><td>141.05</td><td>847.33</td><td>104.27</td><td>99.05</td><td>47.24 258.00</td></lod<>	11085.77	20068.59	146.96	8280.93	-6132.92	-7.93	-30.31	282.81	-7.56	49.97	54.67	15.24	110.52	141.05	847.33	104.27	99.05	47.24 258.00
FOR-9	Fordingbridge	Unprovenanced	628469.47	145962.31	23508.81	<lod< td=""><td>12026.55</td><td>17309.02</td><td>83.54</td><td>7189.67</td><td>6451.25</td><td><lod< td=""><td>-44.15</td><td>91.21</td><td>-9.29</td><td>43.21</td><td>38.61</td><td>10.83</td><td>2128.16</td><td>111.02</td><td>1109.51</td><td>85.47</td><td>38.62</td><td>58.68 229.41</td></lod<></td></lod<>	12026.55	17309.02	83.54	7189.67	6451.25	<lod< td=""><td>-44.15</td><td>91.21</td><td>-9.29</td><td>43.21</td><td>38.61</td><td>10.83</td><td>2128.16</td><td>111.02</td><td>1109.51</td><td>85.47</td><td>38.62</td><td>58.68 229.41</td></lod<>	-44.15	91.21	-9.29	43.21	38.61	10.83	2128.16	111.02	1109.51	85.47	38.62	58.68 229.41
FOR-10	Fordingbridge	Unprovenanced	618056.88	143132.39	25041.83	<lod< td=""><td>10438.73</td><td>19843.93</td><td>146.06</td><td>8388.08</td><td>7714.57</td><td><lod< td=""><td>-37.12</td><td>211.49</td><td>-8.27</td><td>71.56</td><td>47.60</td><td>12.73</td><td>241.18</td><td>133.57</td><td><lod< td=""><td>83.07</td><td>69.18</td><td>54.08 293.94</td></lod<></td></lod<></td></lod<>	10438.73	19843.93	146.06	8388.08	7714.57	<lod< td=""><td>-37.12</td><td>211.49</td><td>-8.27</td><td>71.56</td><td>47.60</td><td>12.73</td><td>241.18</td><td>133.57</td><td><lod< td=""><td>83.07</td><td>69.18</td><td>54.08 293.94</td></lod<></td></lod<>	-37.12	211.49	-8.27	71.56	47.60	12.73	241.18	133.57	<lod< td=""><td>83.07</td><td>69.18</td><td>54.08 293.94</td></lod<>	83.07	69.18	54.08 293.94
FOR-11	Fordingbridge	Unprovenanced	607364.01	145429.55	24574.73	<lod< td=""><td>9058.43</td><td>18561.98</td><td>665.43</td><td>8079.69</td><td>6488.53</td><td>253.57</td><td>-36.98</td><td>162.08</td><td>-0.18</td><td>58.73</td><td><lod< td=""><td>13.71</td><td>6085.34</td><td>125.65</td><td>1622.96</td><td>83.64</td><td>49.61</td><td>44.31 271.64</td></lod<></td></lod<>	9058.43	18561.98	665.43	8079.69	6488.53	253.57	-36.98	162.08	-0.18	58.73	<lod< td=""><td>13.71</td><td>6085.34</td><td>125.65</td><td>1622.96</td><td>83.64</td><td>49.61</td><td>44.31 271.64</td></lod<>	13.71	6085.34	125.65	1622.96	83.64	49.61	44.31 271.64
FOR-12	Fordingbridge	Unprovenanced	653653.69	154385.09	26734.50	<lod< td=""><td>9628.76</td><td>19907.43</td><td>258.09</td><td>8944.71</td><td>7249.85</td><td><lod< td=""><td>-25.91</td><td>260.30</td><td>-6.14</td><td>72.86</td><td>58.71</td><td>14.42</td><td>127.83</td><td>133.02</td><td><lod< td=""><td>90.20</td><td>100.86</td><td>48.70 309.74</td></lod<></td></lod<></td></lod<>	9628.76	19907.43	258.09	8944.71	7249.85	<lod< td=""><td>-25.91</td><td>260.30</td><td>-6.14</td><td>72.86</td><td>58.71</td><td>14.42</td><td>127.83</td><td>133.02</td><td><lod< td=""><td>90.20</td><td>100.86</td><td>48.70 309.74</td></lod<></td></lod<>	-25.91	260.30	-6.14	72.86	58.71	14.42	127.83	133.02	<lod< td=""><td>90.20</td><td>100.86</td><td>48.70 309.74</td></lod<>	90.20	100.86	48.70 309.74
GIL1	Gillingham	Unprovenanced	573695.23	150071.73	25444.57	<lod< td=""><td>9217.02</td><td>6888.42</td><td><lod< td=""><td>7372.87</td><td>1365.66</td><td>7.07</td><td><lod< td=""><td>263.06</td><td>-16.92</td><td>52.80</td><td>-6.46</td><td>6.35</td><td>25.40</td><td>36.10</td><td>79.79</td><td>83.09</td><td>75.17</td><td>36.57 143.44</td></lod<></td></lod<></td></lod<>	9217.02	6888.42	<lod< td=""><td>7372.87</td><td>1365.66</td><td>7.07</td><td><lod< td=""><td>263.06</td><td>-16.92</td><td>52.80</td><td>-6.46</td><td>6.35</td><td>25.40</td><td>36.10</td><td>79.79</td><td>83.09</td><td>75.17</td><td>36.57 143.44</td></lod<></td></lod<>	7372.87	1365.66	7.07	<lod< td=""><td>263.06</td><td>-16.92</td><td>52.80</td><td>-6.46</td><td>6.35</td><td>25.40</td><td>36.10</td><td>79.79</td><td>83.09</td><td>75.17</td><td>36.57 143.44</td></lod<>	263.06	-16.92	52.80	-6.46	6.35	25.40	36.10	79.79	83.09	75.17	36.57 143.44
GIL2	Gillingham	Unprovenanced	601433.70	190542.15	22819.49	<lod< td=""><td>7945.26</td><td>6814.07</td><td><lod< td=""><td>8466.32</td><td>1004.12</td><td>3.52</td><td><lod< td=""><td>224.22</td><td>-15.00</td><td>56.21</td><td>-11.87</td><td>9.37</td><td>18.67</td><td>62.77</td><td>29.69</td><td>82.36</td><td>61.61</td><td>49.69 188.27</td></lod<></td></lod<></td></lod<>	7945.26	6814.07	<lod< td=""><td>8466.32</td><td>1004.12</td><td>3.52</td><td><lod< td=""><td>224.22</td><td>-15.00</td><td>56.21</td><td>-11.87</td><td>9.37</td><td>18.67</td><td>62.77</td><td>29.69</td><td>82.36</td><td>61.61</td><td>49.69 188.27</td></lod<></td></lod<>	8466.32	1004.12	3.52	<lod< td=""><td>224.22</td><td>-15.00</td><td>56.21</td><td>-11.87</td><td>9.37</td><td>18.67</td><td>62.77</td><td>29.69</td><td>82.36</td><td>61.61</td><td>49.69 188.27</td></lod<>	224.22	-15.00	56.21	-11.87	9.37	18.67	62.77	29.69	82.36	61.61	49.69 188.27
GIL3	Gillingham	Unprovenanced	663510.30	218383.08	29420.32	<lod< td=""><td>7938.03</td><td>10504.34</td><td>280.46</td><td>9069.50</td><td>1812.44</td><td><lod< td=""><td><lod< td=""><td>255.00</td><td>-6.06</td><td>51.59</td><td>24.23</td><td>14.16</td><td>5276.68</td><td>101.94</td><td>1043.42</td><td>94.10</td><td>85.95</td><td>36.65 222.55</td></lod<></td></lod<></td></lod<>	7938.03	10504.34	280.46	9069.50	1812.44	<lod< td=""><td><lod< td=""><td>255.00</td><td>-6.06</td><td>51.59</td><td>24.23</td><td>14.16</td><td>5276.68</td><td>101.94</td><td>1043.42</td><td>94.10</td><td>85.95</td><td>36.65 222.55</td></lod<></td></lod<>	<lod< td=""><td>255.00</td><td>-6.06</td><td>51.59</td><td>24.23</td><td>14.16</td><td>5276.68</td><td>101.94</td><td>1043.42</td><td>94.10</td><td>85.95</td><td>36.65 222.55</td></lod<>	255.00	-6.06	51.59	24.23	14.16	5276.68	101.94	1043.42	94.10	85.95	36.65 222.55
GIL4	Gillingham	Unprovenanced	609925.96	249010.55	32783.58	<lod< td=""><td>5452.86</td><td>14582.17</td><td><lod< td=""><td>8055.26</td><td>917.02</td><td>7.37</td><td><lod< td=""><td>342.72</td><td>-12.21</td><td>59.75</td><td>-2.45</td><td>12.76</td><td>67.14</td><td>100.98</td><td>-42.45</td><td>83.06</td><td>97.18</td><td>23.73 227.51</td></lod<></td></lod<></td></lod<>	5452.86	14582.17	<lod< td=""><td>8055.26</td><td>917.02</td><td>7.37</td><td><lod< td=""><td>342.72</td><td>-12.21</td><td>59.75</td><td>-2.45</td><td>12.76</td><td>67.14</td><td>100.98</td><td>-42.45</td><td>83.06</td><td>97.18</td><td>23.73 227.51</td></lod<></td></lod<>	8055.26	917.02	7.37	<lod< td=""><td>342.72</td><td>-12.21</td><td>59.75</td><td>-2.45</td><td>12.76</td><td>67.14</td><td>100.98</td><td>-42.45</td><td>83.06</td><td>97.18</td><td>23.73 227.51</td></lod<>	342.72	-12.21	59.75	-2.45	12.76	67.14	100.98	-42.45	83.06	97.18	23.73 227.51
GIL5	Gillingham	Unprovenanced	641761.45	270396.15	33710.14	<lod< td=""><td>5258.95</td><td>13771.42</td><td><lod< td=""><td>10499.12</td><td>1203.13</td><td>4.41</td><td><lod< td=""><td>316.12</td><td>-12.69</td><td>80.08</td><td>-5.16</td><td>11.92</td><td>139.34</td><td>95.74</td><td>110.87</td><td>76.47</td><td>131.20</td><td>124.97 219.12</td></lod<></td></lod<></td></lod<>	5258.95	13771.42	<lod< td=""><td>10499.12</td><td>1203.13</td><td>4.41</td><td><lod< td=""><td>316.12</td><td>-12.69</td><td>80.08</td><td>-5.16</td><td>11.92</td><td>139.34</td><td>95.74</td><td>110.87</td><td>76.47</td><td>131.20</td><td>124.97 219.12</td></lod<></td></lod<>	10499.12	1203.13	4.41	<lod< td=""><td>316.12</td><td>-12.69</td><td>80.08</td><td>-5.16</td><td>11.92</td><td>139.34</td><td>95.74</td><td>110.87</td><td>76.47</td><td>131.20</td><td>124.97 219.12</td></lod<>	316.12	-12.69	80.08	-5.16	11.92	139.34	95.74	110.87	76.47	131.20	124.97 219.12
GIL6	Gillingham	Unprovenanced	605493.34	159878.69	32535.96	<lod< td=""><td>11046.87</td><td>7730.90</td><td><lod< td=""><td>8154.34</td><td>1924.83</td><td><lod< td=""><td><lod< td=""><td>308.46</td><td>-13.11</td><td>54.06</td><td>3.26</td><td>8.64</td><td>862.16</td><td>60.19</td><td>391.16</td><td>58.63</td><td>77.30</td><td>173.29 189.70</td></lod<></td></lod<></td></lod<></td></lod<>	11046.87	7730.90	<lod< td=""><td>8154.34</td><td>1924.83</td><td><lod< td=""><td><lod< td=""><td>308.46</td><td>-13.11</td><td>54.06</td><td>3.26</td><td>8.64</td><td>862.16</td><td>60.19</td><td>391.16</td><td>58.63</td><td>77.30</td><td>173.29 189.70</td></lod<></td></lod<></td></lod<>	8154.34	1924.83	<lod< td=""><td><lod< td=""><td>308.46</td><td>-13.11</td><td>54.06</td><td>3.26</td><td>8.64</td><td>862.16</td><td>60.19</td><td>391.16</td><td>58.63</td><td>77.30</td><td>173.29 189.70</td></lod<></td></lod<>	<lod< td=""><td>308.46</td><td>-13.11</td><td>54.06</td><td>3.26</td><td>8.64</td><td>862.16</td><td>60.19</td><td>391.16</td><td>58.63</td><td>77.30</td><td>173.29 189.70</td></lod<>	308.46	-13.11	54.06	3.26	8.64	862.16	60.19	391.16	58.63	77.30	173.29 189.70
GIL7	Gillingham	Unprovenanced	553837.66	188149.01	28005.73	<lod< td=""><td>12713.77</td><td>20263.95</td><td>227.17</td><td>6885.69</td><td>6937.30</td><td>765.84</td><td><lod< td=""><td>492.06</td><td>-16.06</td><td>68.00</td><td>8.36</td><td>8.62</td><td>3571.08</td><td>111.94</td><td>8198.34</td><td>123.54</td><td>90.39</td><td>97.50 318.80</td></lod<></td></lod<>	12713.77	20263.95	227.17	6885.69	6937.30	765.84	<lod< td=""><td>492.06</td><td>-16.06</td><td>68.00</td><td>8.36</td><td>8.62</td><td>3571.08</td><td>111.94</td><td>8198.34</td><td>123.54</td><td>90.39</td><td>97.50 318.80</td></lod<>	492.06	-16.06	68.00	8.36	8.62	3571.08	111.94	8198.34	123.54	90.39	97.50 318.80
GIL8	Gillingham	Unprovenanced	594958.60	235694.46	51842.78	<lod< td=""><td>6213.11</td><td>20953.55</td><td><lod< td=""><td>10801.29</td><td>1419.00</td><td>5.31</td><td><lod< td=""><td>499.61</td><td>-17.36</td><td>91.72</td><td>13.01</td><td>14.64</td><td>280.82</td><td>135.65</td><td>111.08</td><td>94.94</td><td>116.00</td><td>60.92 321.78</td></lod<></td></lod<></td></lod<>	6213.11	20953.55	<lod< td=""><td>10801.29</td><td>1419.00</td><td>5.31</td><td><lod< td=""><td>499.61</td><td>-17.36</td><td>91.72</td><td>13.01</td><td>14.64</td><td>280.82</td><td>135.65</td><td>111.08</td><td>94.94</td><td>116.00</td><td>60.92 321.78</td></lod<></td></lod<>	10801.29	1419.00	5.31	<lod< td=""><td>499.61</td><td>-17.36</td><td>91.72</td><td>13.01</td><td>14.64</td><td>280.82</td><td>135.65</td><td>111.08</td><td>94.94</td><td>116.00</td><td>60.92 321.78</td></lod<>	499.61	-17.36	91.72	13.01	14.64	280.82	135.65	111.08	94.94	116.00	60.92 321.78
GIL9	Gillingham	Unprovenanced	591650.05	146488.75	34880.57	<lod< td=""><td>14882.20</td><td>10157.81</td><td><lod< td=""><td>9140.08</td><td>1873.74</td><td><lod< td=""><td><lod< td=""><td>236.72</td><td>-16.06</td><td>69.49</td><td>4.78</td><td>10.19</td><td>1055.77</td><td>69.28</td><td>424.52</td><td>82.18</td><td>75.41</td><td>204.85 242.47</td></lod<></td></lod<></td></lod<></td></lod<>	14882.20	10157.81	<lod< td=""><td>9140.08</td><td>1873.74</td><td><lod< td=""><td><lod< td=""><td>236.72</td><td>-16.06</td><td>69.49</td><td>4.78</td><td>10.19</td><td>1055.77</td><td>69.28</td><td>424.52</td><td>82.18</td><td>75.41</td><td>204.85 242.47</td></lod<></td></lod<></td></lod<>	9140.08	1873.74	<lod< td=""><td><lod< td=""><td>236.72</td><td>-16.06</td><td>69.49</td><td>4.78</td><td>10.19</td><td>1055.77</td><td>69.28</td><td>424.52</td><td>82.18</td><td>75.41</td><td>204.85 242.47</td></lod<></td></lod<>	<lod< td=""><td>236.72</td><td>-16.06</td><td>69.49</td><td>4.78</td><td>10.19</td><td>1055.77</td><td>69.28</td><td>424.52</td><td>82.18</td><td>75.41</td><td>204.85 242.47</td></lod<>	236.72	-16.06	69.49	4.78	10.19	1055.77	69.28	424.52	82.18	75.41	204.85 242.47
GIL10	Gillingham	Unprovenanced	667630.40	183886.09	32280.04	<lod< td=""><td>11642.50</td><td>20956.52</td><td><lud< td=""><td>9995.83</td><td>2623.16</td><td>6.46</td><td><lod< td=""><td>410.95</td><td>-23.11</td><td>77.32</td><td>-8.70</td><td>16.68</td><td>147.07</td><td>99.29</td><td>291.28</td><td>62.78</td><td>100.50</td><td>109.01 349.91</td></lod<></td></lud<></td></lod<>	11642.50	20956.52	<lud< td=""><td>9995.83</td><td>2623.16</td><td>6.46</td><td><lod< td=""><td>410.95</td><td>-23.11</td><td>77.32</td><td>-8.70</td><td>16.68</td><td>147.07</td><td>99.29</td><td>291.28</td><td>62.78</td><td>100.50</td><td>109.01 349.91</td></lod<></td></lud<>	9995.83	2623.16	6.46	<lod< td=""><td>410.95</td><td>-23.11</td><td>77.32</td><td>-8.70</td><td>16.68</td><td>147.07</td><td>99.29</td><td>291.28</td><td>62.78</td><td>100.50</td><td>109.01 349.91</td></lod<>	410.95	-23.11	77.32	-8.70	16.68	147.07	99.29	291.28	62.78	100.50	109.01 349.91
GIL11	Gillingham	Unprovenanced	665461.54	282275.69	59624.97	<lud< td=""><td>8965.39</td><td>19460.15</td><td>284.10</td><td>13018.40</td><td>1963.21</td><td><lod< td=""><td><lod< td=""><td>438.93</td><td>-13.89</td><td>107.02</td><td>8.73</td><td>19.19</td><td>481.32</td><td>125.01</td><td>464.42</td><td>90.61</td><td>147.49</td><td>169.17 341.00</td></lod<></td></lod<></td></lud<>	8965.39	19460.15	284.10	13018.40	1963.21	<lod< td=""><td><lod< td=""><td>438.93</td><td>-13.89</td><td>107.02</td><td>8.73</td><td>19.19</td><td>481.32</td><td>125.01</td><td>464.42</td><td>90.61</td><td>147.49</td><td>169.17 341.00</td></lod<></td></lod<>	<lod< td=""><td>438.93</td><td>-13.89</td><td>107.02</td><td>8.73</td><td>19.19</td><td>481.32</td><td>125.01</td><td>464.42</td><td>90.61</td><td>147.49</td><td>169.17 341.00</td></lod<>	438.93	-13.89	107.02	8.73	19.19	481.32	125.01	464.42	90.61	147.49	169.17 341.00
H2VVCVV-1	Horton	Unprovenanced	001208.39	226308.19	48/92.37	63/5.61	//00.65	26461.95	303.12	10626.65	3600.43	18.19	17.04	468.44	-3.45	111.30	44.56	18.76	307.99	156.55	377.00	106.20	126.61	/5.11 322.12
H2WCW-2	Horton	Unprovenanced	5/6600.29	1534/5.71	61602.32	<lod< td=""><td>9414.23</td><td>1/382.74</td><td>354.66</td><td>7612.60</td><td>3130.32</td><td>4.58</td><td>-19.71</td><td>2/5.68</td><td>12.26</td><td>107.76</td><td>24.67</td><td>10.75</td><td>56.00</td><td>113.85</td><td>-282.07</td><td>06.74</td><td>87.40</td><td>82.78 204.17</td></lod<>	9414.23	1/382.74	354.66	7612.60	3130.32	4.58	-19.71	2/5.68	12.26	107.76	24.67	10.75	56.00	113.85	-282.07	06.74	87.40	82.78 204.17
		Unprovenanced	545700.32	100080.83	29412.07	<lod< td=""><td>8424.06</td><td>20415.03</td><td>001.31</td><td>7020.14</td><td>4//2./9</td><td>-3.88</td><td>-22.40</td><td>307.04</td><td>-0.70</td><td>100.74</td><td>17.78</td><td>10.23</td><td>24.74</td><td>131.62</td><td>-1/7.09</td><td>71.40</td><td>90.11</td><td>103.30 196.91</td></lod<>	8424.06	20415.03	001.31	7020.14	4//2./9	-3.88	-22.40	307.04	-0.70	100.74	17.78	10.23	24.74	131.62	-1/7.09	71.40	90.11	103.30 196.91
H2WCW-4	Horton	Unprovenanced	594198.28	169411.72	29542.98	<lod< td=""><td>7906.17</td><td>24694.46</td><td>556.15</td><td>/930.14</td><td>∠319.46</td><td>-3.63</td><td><lud< td=""><td>∠40.89</td><td>-9.31</td><td>83.90</td><td>16.16</td><td>9.14</td><td>59.84</td><td>134.40</td><td>-207.90</td><td>101.17</td><td>95.27</td><td>154.03 193.67</td></lud<></td></lod<>	7906.17	24694.46	556.15	/930.14	∠319.46	-3.63	<lud< td=""><td>∠40.89</td><td>-9.31</td><td>83.90</td><td>16.16</td><td>9.14</td><td>59.84</td><td>134.40</td><td>-207.90</td><td>101.17</td><td>95.27</td><td>154.03 193.67</td></lud<>	∠40.89	-9.31	83.90	16.16	9.14	59.84	134.40	-207.90	101.17	95.27	154.03 193.67
H2WCW-5	Horton	Unprovenanced	570449.52	195113.53	25749.84	<lod< td=""><td>7492.39</td><td>26576.12</td><td>86.19</td><td>8552.53</td><td>4708.74</td><td>-4.00</td><td>-16.07</td><td>327.24</td><td>-2.09</td><td>89.66</td><td>18.12</td><td>12.58</td><td>33.62</td><td>140.52</td><td>-216.28</td><td>89.47</td><td>126.26</td><td>177.84 209.44</td></lod<>	7492.39	26576.12	86.19	8552.53	4708.74	-4.00	-16.07	327.24	-2.09	89.66	18.12	12.58	33.62	140.52	-216.28	89.47	126.26	177.84 209.44

Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K₂O	*MnO	*TiO ₂	*P ₂ O ₅	*As	*Ag	*Ba	*Bi	*Cr	*Cu *N	Nb *Pb	*Rb	*S	*Sr	*V	*Zn	*Zr
H2WCW-6	Horton	Unprovenanced	658179.18	173506.53	33878.77	<lod< td=""><td>7777.59</td><td>16269.71</td><td>292.94</td><td>8127.52</td><td>1242.66</td><td>-10.09</td><td>-16.07</td><td>223.85</td><td>-10.16</td><td>81.12</td><td><lod 10<="" td=""><td>.25 20.4</td><td>6 117.42</td><td>-266.99</td><td>85.55</td><td>81.64</td><td>64.94</td><td>207.33</td></lod></td></lod<>	7777.59	16269.71	292.94	8127.52	1242.66	-10.09	-16.07	223.85	-10.16	81.12	<lod 10<="" td=""><td>.25 20.4</td><td>6 117.42</td><td>-266.99</td><td>85.55</td><td>81.64</td><td>64.94</td><td>207.33</td></lod>	.25 20.4	6 117.42	-266.99	85.55	81.64	64.94	207.33
H2WCW-7	Horton	Unprovenanced	609153.60	184722.14	32618.38	<lod< td=""><td>7769.34</td><td>21786.92</td><td>73.79</td><td>8292.79</td><td>2526.90</td><td>-9.01</td><td>-17.21</td><td>386.43</td><td>-8.21</td><td>75.31</td><td>18.95 10</td><td>.11 51.:</td><td>5 131.55</td><td>-223.30</td><td>96.82</td><td>51.13</td><td>122.08</td><td>245.90</td></lod<>	7769.34	21786.92	73.79	8292.79	2526.90	-9.01	-17.21	386.43	-8.21	75.31	18.95 10	.11 51.:	5 131.55	-223.30	96.82	51.13	122.08	245.90
H2WCW-8	Horton	Unprovenanced	567746.22	147680.11	42853.35	<lod< td=""><td>9400.66</td><td>15845.74</td><td>349.29</td><td>8318.52</td><td>3975.19</td><td>-1.64</td><td>-43.98</td><td>185.76</td><td>-11.42</td><td>90.71</td><td><lod 9<="" td=""><td>.57 36.3</td><td>8 105.15</td><td>-341.40</td><td>71.08</td><td>50.85</td><td>98.86</td><td>207.05</td></lod></td></lod<>	9400.66	15845.74	349.29	8318.52	3975.19	-1.64	-43.98	185.76	-11.42	90.71	<lod 9<="" td=""><td>.57 36.3</td><td>8 105.15</td><td>-341.40</td><td>71.08</td><td>50.85</td><td>98.86</td><td>207.05</td></lod>	.57 36.3	8 105.15	-341.40	71.08	50.85	98.86	207.05
H2WCW-9	Horton	Unprovenanced	566416.68	176112.32	26461.55	<lod< td=""><td>7974.14</td><td>23163.48</td><td>320.77</td><td>7008.81</td><td>1919.70</td><td>2.78</td><td>-20.73</td><td>245.72</td><td>-6.84</td><td>56.69</td><td>26.89 8</td><td>.53 540.4</td><td>7 131.48</td><td>35.44</td><td>69.15</td><td>73.68</td><td>95.43</td><td>196.51</td></lod<>	7974.14	23163.48	320.77	7008.81	1919.70	2.78	-20.73	245.72	-6.84	56.69	26.89 8	.53 540.4	7 131.48	35.44	69.15	73.68	95.43	196.51
H2WCW-10	Horton	Unprovenanced	555188.07	151619.39	71295.44	<lod< td=""><td>8562.86</td><td>20938.65</td><td>1195.78</td><td>7084.08</td><td>5982.31</td><td>2.18</td><td>9.42</td><td>332.52</td><td>-11.79</td><td>146.31</td><td>24.76 9</td><td>.17 45.</td><td>3 119.12</td><td>-250.42</td><td>49.04</td><td>115.79</td><td>128.80</td><td>189.66</td></lod<>	8562.86	20938.65	1195.78	7084.08	5982.31	2.18	9.42	332.52	-11.79	146.31	24.76 9	.17 45.	3 119.12	-250.42	49.04	115.79	128.80	189.66
LYM-1	Lymington	Unprovenanced	579568.13	150404.49	47724.42	<lod< td=""><td>25352.72</td><td>26161.05</td><td>364.35</td><td>7270.66</td><td>39412.46</td><td>41.87</td><td>-20.43</td><td>505.86</td><td>-3.73</td><td>89.38</td><td>35.49 17</td><td>.32 175.</td><td>9 133.83</td><td>1062.63</td><td>148.31</td><td>97.79 [~]</td><td>118.06</td><td>246.85</td></lod<>	25352.72	26161.05	364.35	7270.66	39412.46	41.87	-20.43	505.86	-3.73	89.38	35.49 17	.32 175.	9 133.83	1062.63	148.31	97.79 [~]	118.06	246.85
LYM-2	Lymington	Unprovenanced	542748.13	125547.09	43017.65	<lod< td=""><td>24815.32</td><td>26437.14</td><td>242.57</td><td>7438.34</td><td>37145.29</td><td>164.81</td><td>-18.34</td><td>349.06</td><td>31.24</td><td>96.04</td><td>20.17 14</td><td>.24 13460.4</td><td>4 137.53</td><td>6318.69</td><td>88.45</td><td>60.84</td><td>119.04</td><td>292.44</td></lod<>	24815.32	26437.14	242.57	7438.34	37145.29	164.81	-18.34	349.06	31.24	96.04	20.17 14	.24 13460.4	4 137.53	6318.69	88.45	60.84	119.04	292.44
LYM-3	Lymington	Unprovenanced	595021.81	133280.11	39316.71	<lod< td=""><td>11572.12</td><td>23776.41</td><td>319.22</td><td>6940.82</td><td>8417.17</td><td>24.53</td><td>-16.53</td><td>316.86</td><td>-6.57</td><td>66.23</td><td>16.30 14</td><td>.23 432.</td><td>1 142.51</td><td>4175.87</td><td>89.52</td><td>56.14</td><td>84.45</td><td>244.87</td></lod<>	11572.12	23776.41	319.22	6940.82	8417.17	24.53	-16.53	316.86	-6.57	66.23	16.30 14	.23 432.	1 142.51	4175.87	89.52	56.14	84.45	244.87
LYM-4	Lymington	Unprovenanced	590626.21	172946.01	26419.33	<lod< td=""><td>21104.28</td><td>28883.35</td><td>389.95</td><td>9190.94</td><td>31190.32</td><td>3.56</td><td>-7.45</td><td>530.69</td><td>5.40</td><td>82.94</td><td>31.08 24</td><td>.09 294.</td><td>8 164.51</td><td>10994.21</td><td>114.03</td><td>126.49</td><td>112.39</td><td>299.01</td></lod<>	21104.28	28883.35	389.95	9190.94	31190.32	3.56	-7.45	530.69	5.40	82.94	31.08 24	.09 294.	8 164.51	10994.21	114.03	126.49	112.39	299.01
LYM-5	Lymington	Unprovenanced	624872.19	132829.56	45454.04	<lod< td=""><td>19842.21</td><td>25192.74</td><td>770.02</td><td>7451.84</td><td>27409.09</td><td>-1.14</td><td>15.10</td><td>388.60</td><td>-5.11</td><td>77.34</td><td>12.65 12</td><td>.85 62.</td><td>8 142.18</td><td>944.65</td><td>109.87</td><td>52.38</td><td>122.43</td><td>239.17</td></lod<>	19842.21	25192.74	770.02	7451.84	27409.09	-1.14	15.10	388.60	-5.11	77.34	12.65 12	.85 62.	8 142.18	944.65	109.87	52.38	122.43	239.17
LYM-6	Lymington	Unprovenanced	521756.08	132646.37	88870.35	<lod< td=""><td>21090.02</td><td>20856.90</td><td>3242.67</td><td>9072.59</td><td>41334.66</td><td>19.18</td><td>7.96</td><td>347.02</td><td>-7.84</td><td>1070.68</td><td>31.54 14</td><td>.24 632.3</td><td>6 126.76</td><td>2540.72</td><td>114.07</td><td>95.80 ´</td><td>112.02</td><td>247.79</td></lod<>	21090.02	20856.90	3242.67	9072.59	41334.66	19.18	7.96	347.02	-7.84	1070.68	31.54 14	.24 632.3	6 126.76	2540.72	114.07	95.80 ´	112.02	247.79
LYM-7	Lymington	Unprovenanced	603323.37	129644.93	53223.69	<lod< td=""><td>19391.04</td><td>25509.48</td><td>1110.13</td><td>7644.59</td><td>40546.53</td><td>-1.20</td><td>-24.92</td><td>394.62</td><td>-7.01</td><td>89.45</td><td>21.20 13</td><td>.46 194.</td><td>2 142.30</td><td>780.60</td><td>152.52</td><td>84.60</td><td>126.90</td><td>207.60</td></lod<>	19391.04	25509.48	1110.13	7644.59	40546.53	-1.20	-24.92	394.62	-7.01	89.45	21.20 13	.46 194.	2 142.30	780.60	152.52	84.60	126.90	207.60
LYM-8	Lymington	Unprovenanced	560599.20	136857.78	39006.59	<lod< td=""><td>16837.77</td><td>28700.06</td><td>325.03</td><td>8125.39</td><td>34961.94</td><td>48.36</td><td>-22.11</td><td>374.46</td><td>1.13</td><td>99.65</td><td>19.52 15</td><td>.64 438.</td><td>8 152.63</td><td>4848.51</td><td>137.70</td><td>98.95 ´</td><td>130.85</td><td>280.44</td></lod<>	16837.77	28700.06	325.03	8125.39	34961.94	48.36	-22.11	374.46	1.13	99.65	19.52 15	.64 438.	8 152.63	4848.51	137.70	98.95 ´	130.85	280.44
POO-1	Poole	Unprovenanced	539206.83	133379.10	52166.66	<lod< td=""><td>26941.75</td><td>20806.64</td><td>183.42</td><td>5907.66</td><td>48900.56</td><td><lod< td=""><td>-39.79</td><td>293.07</td><td>-5.92</td><td>78.06</td><td>50.95 11</td><td>.37 3801.</td><td>9 138.07</td><td>2453.39</td><td>178.69</td><td>72.35</td><td>78.76</td><td>213.87</td></lod<></td></lod<>	26941.75	20806.64	183.42	5907.66	48900.56	<lod< td=""><td>-39.79</td><td>293.07</td><td>-5.92</td><td>78.06</td><td>50.95 11</td><td>.37 3801.</td><td>9 138.07</td><td>2453.39</td><td>178.69</td><td>72.35</td><td>78.76</td><td>213.87</td></lod<>	-39.79	293.07	-5.92	78.06	50.95 11	.37 3801.	9 138.07	2453.39	178.69	72.35	78.76	213.87
POO-2	Poole	Unprovenanced	593840.84	145801.18	33046.05	<lod< td=""><td>12366.06</td><td>25887.53</td><td>122.72</td><td>6654.62</td><td>10430.65</td><td><lod< td=""><td>-43.83</td><td>281.77</td><td>-10.38</td><td>65.93</td><td>37.45 9</td><td>.96 2335.</td><td>3 151.21</td><td>1895.60</td><td>179.05</td><td>84.79</td><td>117.41</td><td>202.11</td></lod<></td></lod<>	12366.06	25887.53	122.72	6654.62	10430.65	<lod< td=""><td>-43.83</td><td>281.77</td><td>-10.38</td><td>65.93</td><td>37.45 9</td><td>.96 2335.</td><td>3 151.21</td><td>1895.60</td><td>179.05</td><td>84.79</td><td>117.41</td><td>202.11</td></lod<>	-43.83	281.77	-10.38	65.93	37.45 9	.96 2335.	3 151.21	1895.60	179.05	84.79	117.41	202.11
POO-3	Poole	Unprovenanced	615094.89	148168.02	24629.28	<lod< td=""><td>11336.96</td><td>25190.25</td><td>189.27</td><td>6655.76</td><td>9112.43</td><td>-3.44</td><td>-11.58</td><td>329.51</td><td>-7.51</td><td>85.56</td><td>27.20 8</td><td>.87 40.</td><td>9 145.12</td><td>646.38</td><td>138.05</td><td>80.11</td><td>84.88</td><td>155.16</td></lod<>	11336.96	25190.25	189.27	6655.76	9112.43	-3.44	-11.58	329.51	-7.51	85.56	27.20 8	.87 40.	9 145.12	646.38	138.05	80.11	84.88	155.16
POO-4	Poole	Unprovenanced	608333.97	143735.39	24507.80	<lod< td=""><td>12871.02</td><td>24390.11</td><td>145.91</td><td>6161.62</td><td>7307.25</td><td>1.29</td><td>-39.75</td><td>277.50</td><td>-7.59</td><td>58.48</td><td>31.13 7</td><td>.27 38.</td><td>2 139.99</td><td><lod< td=""><td>147.94</td><td>72.02</td><td>125.36</td><td>175.54</td></lod<></td></lod<>	12871.02	24390.11	145.91	6161.62	7307.25	1.29	-39.75	277.50	-7.59	58.48	31.13 7	.27 38.	2 139.99	<lod< td=""><td>147.94</td><td>72.02</td><td>125.36</td><td>175.54</td></lod<>	147.94	72.02	125.36	175.54
POO-5	Poole	Unprovenanced	651663.77	149973.87	18906.31	<lod< td=""><td>9436.19</td><td>25166.45</td><td><lod< td=""><td>9179.59</td><td>7465.52</td><td><lod< td=""><td>-34.79</td><td>307.81</td><td>-0.39</td><td>62.39</td><td>32.81 20</td><td>.24 1385.</td><td>0 145.15</td><td>851.01</td><td>102.90</td><td>88.74</td><td>50.95</td><td>358.60</td></lod<></td></lod<></td></lod<>	9436.19	25166.45	<lod< td=""><td>9179.59</td><td>7465.52</td><td><lod< td=""><td>-34.79</td><td>307.81</td><td>-0.39</td><td>62.39</td><td>32.81 20</td><td>.24 1385.</td><td>0 145.15</td><td>851.01</td><td>102.90</td><td>88.74</td><td>50.95</td><td>358.60</td></lod<></td></lod<>	9179.59	7465.52	<lod< td=""><td>-34.79</td><td>307.81</td><td>-0.39</td><td>62.39</td><td>32.81 20</td><td>.24 1385.</td><td>0 145.15</td><td>851.01</td><td>102.90</td><td>88.74</td><td>50.95</td><td>358.60</td></lod<>	-34.79	307.81	-0.39	62.39	32.81 20	.24 1385.	0 145.15	851.01	102.90	88.74	50.95	358.60
POO-6	Poole	Unprovenanced	656315.06	147546.73	46546.43	<lod< td=""><td>18002.25</td><td>28502.23</td><td>529.63</td><td>7470.36</td><td>11463.37</td><td><lod< td=""><td>-19.54</td><td>346.05</td><td>-6.75</td><td>99.86</td><td><lod 13<="" td=""><td>.59 736.</td><td>0 142.15</td><td>1958.58</td><td>113.24</td><td>101.08</td><td>108.88</td><td>298.46</td></lod></td></lod<></td></lod<>	18002.25	28502.23	529.63	7470.36	11463.37	<lod< td=""><td>-19.54</td><td>346.05</td><td>-6.75</td><td>99.86</td><td><lod 13<="" td=""><td>.59 736.</td><td>0 142.15</td><td>1958.58</td><td>113.24</td><td>101.08</td><td>108.88</td><td>298.46</td></lod></td></lod<>	-19.54	346.05	-6.75	99.86	<lod 13<="" td=""><td>.59 736.</td><td>0 142.15</td><td>1958.58</td><td>113.24</td><td>101.08</td><td>108.88</td><td>298.46</td></lod>	.59 736.	0 142.15	1958.58	113.24	101.08	108.88	298.46
POO-7	Poole	Unprovenanced	634243.93	151039.32	47423.84	<lod< td=""><td>9946.86</td><td>26558.36</td><td>194.14</td><td>8973.43</td><td>7641.80</td><td>41.53</td><td>-43.77</td><td>342.37</td><td>5.77</td><td>98.24</td><td>262.43 15</td><td>.13 6501.</td><td>4 157.72</td><td>855.04</td><td>125.18</td><td>113.72</td><td>111.18</td><td>203.34</td></lod<>	9946.86	26558.36	194.14	8973.43	7641.80	41.53	-43.77	342.37	5.77	98.24	262.43 15	.13 6501.	4 157.72	855.04	125.18	113.72	111.18	203.34
POO-8	Poole	Unprovenanced	647573.92	151577.79	38036.27	<lod< td=""><td>7713.20</td><td>24936.91</td><td><lod< td=""><td>8164.41</td><td>6199.67</td><td>7.78</td><td>-30.99</td><td>342.82</td><td>-4.11</td><td>88.86</td><td><lod 12<="" td=""><td>.12 261.</td><td>9 146.61</td><td><lod< td=""><td>116.29</td><td>76.91</td><td>55.71</td><td>199.85</td></lod<></td></lod></td></lod<></td></lod<>	7713.20	24936.91	<lod< td=""><td>8164.41</td><td>6199.67</td><td>7.78</td><td>-30.99</td><td>342.82</td><td>-4.11</td><td>88.86</td><td><lod 12<="" td=""><td>.12 261.</td><td>9 146.61</td><td><lod< td=""><td>116.29</td><td>76.91</td><td>55.71</td><td>199.85</td></lod<></td></lod></td></lod<>	8164.41	6199.67	7.78	-30.99	342.82	-4.11	88.86	<lod 12<="" td=""><td>.12 261.</td><td>9 146.61</td><td><lod< td=""><td>116.29</td><td>76.91</td><td>55.71</td><td>199.85</td></lod<></td></lod>	.12 261.	9 146.61	<lod< td=""><td>116.29</td><td>76.91</td><td>55.71</td><td>199.85</td></lod<>	116.29	76.91	55.71	199.85
POO-9	Poole	Unprovenanced	618344.22	148351.02	26646.53	<lod< td=""><td>9597.53</td><td>26095.59</td><td>156.54</td><td>6518.19</td><td>8693.26</td><td>681.06</td><td>-35.63</td><td>330.87</td><td>4.51</td><td>79.21</td><td>38.89 7</td><td>.74 5155.</td><td>0 144.12</td><td>906.04</td><td>120.07</td><td>72.00</td><td>72.98</td><td>172.07</td></lod<>	9597.53	26095.59	156.54	6518.19	8693.26	681.06	-35.63	330.87	4.51	79.21	38.89 7	.74 5155.	0 144.12	906.04	120.07	72.00	72.98	172.07
POO-10	Poole	Unprovenanced	635261.31	148276.38	40667.11	<lod< td=""><td>11462.22</td><td>24261.92</td><td>316.84</td><td>7339.28</td><td>10741.07</td><td>4.85</td><td>-12.72</td><td>396.50</td><td>-8.46</td><td>85.52</td><td>29.17 8</td><td>.49 285.</td><td>3 134.14</td><td>775.81</td><td>158.84</td><td>81.55</td><td>70.54</td><td>168.68</td></lod<>	11462.22	24261.92	316.84	7339.28	10741.07	4.85	-12.72	396.50	-8.46	85.52	29.17 8	.49 285.	3 134.14	775.81	158.84	81.55	70.54	168.68
POO-11	Poole	Unprovenanced	571016.37	139474.85	42624.96	<lod< td=""><td>24579.66</td><td>22895.41</td><td>969.91</td><td>6884.53</td><td>41751.21</td><td>32.47</td><td>-19.93</td><td>404.42</td><td>-7.65</td><td>80.24</td><td>49.25 11</td><td>.66 205.</td><td>8 141.94</td><td>2074.42</td><td>193.58</td><td>71.15</td><td>76.77</td><td>207.93</td></lod<>	24579.66	22895.41	969.91	6884.53	41751.21	32.47	-19.93	404.42	-7.65	80.24	49.25 11	.66 205.	8 141.94	2074.42	193.58	71.15	76.77	207.93
POO-12	Poole	Unprovenanced	601403.62	143617.61	66459.83	<lod< td=""><td>17879.53</td><td>23493.61</td><td>186.92</td><td>7274.78</td><td>21755.51</td><td>16.88</td><td>-25.49</td><td>356.03</td><td>-8.80</td><td>110.00</td><td>26.76 12</td><td>.08 136.4</td><td>2 144.80</td><td>1917.96</td><td>131.73</td><td>95.13</td><td>65.02</td><td>209.14</td></lod<>	17879.53	23493.61	186.92	7274.78	21755.51	16.88	-25.49	356.03	-8.80	110.00	26.76 12	.08 136.4	2 144.80	1917.96	131.73	95.13	65.02	209.14
SAL-1	Salisbury	Unprovenanced	544522.87	131860.61	28169.51	<lod< td=""><td>32219.36</td><td>18544.58</td><td>625.95</td><td>7379.78</td><td>52486.44</td><td>1.89</td><td>-37.94</td><td>244.25</td><td>-5.76</td><td>54.51</td><td>46.67 11</td><td>.86 270.</td><td>8 129.97</td><td>816.19</td><td>167.30</td><td>68.03 ´</td><td>130.14</td><td>252.28</td></lod<>	32219.36	18544.58	625.95	7379.78	52486.44	1.89	-37.94	244.25	-5.76	54.51	46.67 11	.86 270.	8 129.97	816.19	167.30	68.03 ´	130.14	252.28
SAL-2	Salisbury	Unprovenanced	607487.84	138252.25	21772.24	<lod< td=""><td>21567.70</td><td>18154.14</td><td>-14.82</td><td>8231.30</td><td>10100.09</td><td>868.57</td><td>-14.64</td><td>267.11</td><td>-8.38</td><td>47.62</td><td>22.61 11</td><td>.42 108.</td><td>5 127.79</td><td>935.82</td><td>74.00</td><td>62.64</td><td>40.51</td><td>240.70</td></lod<>	21567.70	18154.14	-14.82	8231.30	10100.09	868.57	-14.64	267.11	-8.38	47.62	22.61 11	.42 108.	5 127.79	935.82	74.00	62.64	40.51	240.70
SAL-3	Salisbury	Unprovenanced	597167.18	147788.17	21322.02	<lod< td=""><td>36897.54</td><td>23581.33</td><td>40.35</td><td>8700.98</td><td>7460.89</td><td>-12.24</td><td>-13.19</td><td>381.37</td><td>-7.28</td><td>59.65</td><td><lod 16<="" td=""><td>.79 61.</td><td>9 138.05</td><td>-147.01</td><td>94.01</td><td>74.09</td><td>38.84</td><td>284.77</td></lod></td></lod<>	36897.54	23581.33	40.35	8700.98	7460.89	-12.24	-13.19	381.37	-7.28	59.65	<lod 16<="" td=""><td>.79 61.</td><td>9 138.05</td><td>-147.01</td><td>94.01</td><td>74.09</td><td>38.84</td><td>284.77</td></lod>	.79 61.	9 138.05	-147.01	94.01	74.09	38.84	284.77
SAL-4	Salisbury	Unprovenanced	594851.20	168936.00	23349.12	<lod< td=""><td>34995.91</td><td>18238.75</td><td>202.56</td><td>8484.55</td><td>6950.32</td><td>8.56</td><td>-15.82</td><td>326.30</td><td>-7.53</td><td>60.71</td><td>29.57 15</td><td>.33 165.</td><td>5 133.97</td><td>-56.15</td><td>100.21</td><td>84.44</td><td>57.65</td><td>328.25</td></lod<>	34995.91	18238.75	202.56	8484.55	6950.32	8.56	-15.82	326.30	-7.53	60.71	29.57 15	.33 165.	5 133.97	-56.15	100.21	84.44	57.65	328.25
SAL-5	Salisbury	Unprovenanced	616825.29	153815.60	22584.61	<lod< td=""><td>26669.48</td><td>17578.40</td><td>2430.81</td><td>8167.67</td><td>12360.19</td><td>1.51</td><td>-10.25</td><td>349.00</td><td>-6.80</td><td>54.92</td><td>45.68 12</td><td>.22 203.</td><td>3 126.71</td><td>23.43</td><td>126.57</td><td>88.35</td><td>64.23</td><td>254.43</td></lod<>	26669.48	17578.40	2430.81	8167.67	12360.19	1.51	-10.25	349.00	-6.80	54.92	45.68 12	.22 203.	3 126.71	23.43	126.57	88.35	64.23	254.43
SAL-6	Salisbury	Unprovenanced	554216.71	152849.68	27048.02	<lod< td=""><td>15330.90</td><td>16308.43</td><td>157.58</td><td>8116.49</td><td>3298.47</td><td>1108.35</td><td>-23.52</td><td>243.51</td><td>-0.05</td><td>59.84</td><td>47.87 12</td><td>.61 4952.9</td><td>0 127.78</td><td>201.83</td><td>93.78</td><td>69.06</td><td>45.30</td><td>266.67</td></lod<>	15330.90	16308.43	157.58	8116.49	3298.47	1108.35	-23.52	243.51	-0.05	59.84	47.87 12	.61 4952.9	0 127.78	201.83	93.78	69.06	45.30	266.67
SAL-7	Salisbury	Unprovenanced	636429.43	137011.19	16736.25	<lod< td=""><td>16045.94</td><td>24318.34</td><td><lod< td=""><td>8419.53</td><td>7094.52</td><td>-3.08</td><td>-33.63</td><td>304.79</td><td>-9.32</td><td>46.33</td><td>83.20 15</td><td>.39 685.4</td><td>7 131.17</td><td>2009.37</td><td>77.91</td><td>42.94</td><td>39.09</td><td>379.06</td></lod<></td></lod<>	16045.94	24318.34	<lod< td=""><td>8419.53</td><td>7094.52</td><td>-3.08</td><td>-33.63</td><td>304.79</td><td>-9.32</td><td>46.33</td><td>83.20 15</td><td>.39 685.4</td><td>7 131.17</td><td>2009.37</td><td>77.91</td><td>42.94</td><td>39.09</td><td>379.06</td></lod<>	8419.53	7094.52	-3.08	-33.63	304.79	-9.32	46.33	83.20 15	.39 685.4	7 131.17	2009.37	77.91	42.94	39.09	379.06
SAL-8	Salisbury	Unprovenanced	581015.50	138057.10	28036.61	<lod< td=""><td>20460.83</td><td>17598.93</td><td>428.43</td><td>7507.62</td><td>8672.93</td><td>-10.21</td><td>-43.50</td><td>290.31</td><td>-11.79</td><td>92.45</td><td>24.68 10</td><td>.85 18.</td><td>4 110.03</td><td>-134.64</td><td>131.94</td><td>61.25</td><td>85.90</td><td>202.73</td></lod<>	20460.83	17598.93	428.43	7507.62	8672.93	-10.21	-43.50	290.31	-11.79	92.45	24.68 10	.85 18.	4 110.03	-134.64	131.94	61.25	85.90	202.73
SAL-9	Salisbury	Unprovenanced	628237.18	168181.21	41476.60	<lod< td=""><td>14574.83</td><td>26051.35</td><td>154.06</td><td>7657.68</td><td>7471.27</td><td><lod< td=""><td>56.36</td><td>748.58</td><td>-0.97</td><td>81.89</td><td>365.81 14</td><td>.63 8487.</td><td>7 133.04</td><td>2943.54</td><td>268.96</td><td>105.40</td><td>97.58</td><td>239.27</td></lod<></td></lod<>	14574.83	26051.35	154.06	7657.68	7471.27	<lod< td=""><td>56.36</td><td>748.58</td><td>-0.97</td><td>81.89</td><td>365.81 14</td><td>.63 8487.</td><td>7 133.04</td><td>2943.54</td><td>268.96</td><td>105.40</td><td>97.58</td><td>239.27</td></lod<>	56.36	748.58	-0.97	81.89	365.81 14	.63 8487.	7 133.04	2943.54	268.96	105.40	97.58	239.27
SAL-10	Salisbury	Unprovenanced	565709.04	139875.44	26222.88	<lod< td=""><td>33808.64</td><td>16865.67</td><td><lod< td=""><td>7070.70</td><td>3290.01</td><td><lod< td=""><td>15.80</td><td>654.43</td><td>-6.91</td><td>50.11</td><td>36.55 12</td><td>.99 737.4</td><td>4 132.30</td><td>-100.94</td><td>98.90</td><td>68.29</td><td>45.18</td><td>279.43</td></lod<></td></lod<></td></lod<>	33808.64	16865.67	<lod< td=""><td>7070.70</td><td>3290.01</td><td><lod< td=""><td>15.80</td><td>654.43</td><td>-6.91</td><td>50.11</td><td>36.55 12</td><td>.99 737.4</td><td>4 132.30</td><td>-100.94</td><td>98.90</td><td>68.29</td><td>45.18</td><td>279.43</td></lod<></td></lod<>	7070.70	3290.01	<lod< td=""><td>15.80</td><td>654.43</td><td>-6.91</td><td>50.11</td><td>36.55 12</td><td>.99 737.4</td><td>4 132.30</td><td>-100.94</td><td>98.90</td><td>68.29</td><td>45.18</td><td>279.43</td></lod<>	15.80	654.43	-6.91	50.11	36.55 12	.99 737.4	4 132.30	-100.94	98.90	68.29	45.18	279.43
SAL-11	Salisbury	Unprovenanced	584801.77	160853.41	28713.70	<lod< td=""><td>45583.45</td><td>17210.86</td><td>82.15</td><td>7756.56</td><td>4366.15</td><td>-5.04</td><td>49.92</td><td>746.75</td><td>-5.84</td><td>55.78</td><td>59.57 14</td><td>.87 28.</td><td>7 140.74</td><td>1357.30</td><td>110.55</td><td>79.06</td><td>45.34</td><td>274.57</td></lod<>	45583.45	17210.86	82.15	7756.56	4366.15	-5.04	49.92	746.75	-5.84	55.78	59.57 14	.87 28.	7 140.74	1357.30	110.55	79.06	45.34	274.57
SAL-12	Salisbury	Unprovenanced	577870.53	156014.97	23798.66	<lod< td=""><td>31219.29</td><td>17073.59</td><td><lod< td=""><td>7814.46</td><td>2771.95</td><td><lod< td=""><td>21.76</td><td>627.20</td><td>-3.16</td><td>42.30</td><td>45.91 13</td><td>.86 3888.</td><td>3 131.40</td><td>1164.39</td><td>100.38</td><td>90.93</td><td>38.88</td><td>293.01</td></lod<></td></lod<></td></lod<>	31219.29	17073.59	<lod< td=""><td>7814.46</td><td>2771.95</td><td><lod< td=""><td>21.76</td><td>627.20</td><td>-3.16</td><td>42.30</td><td>45.91 13</td><td>.86 3888.</td><td>3 131.40</td><td>1164.39</td><td>100.38</td><td>90.93</td><td>38.88</td><td>293.01</td></lod<></td></lod<>	7814.46	2771.95	<lod< td=""><td>21.76</td><td>627.20</td><td>-3.16</td><td>42.30</td><td>45.91 13</td><td>.86 3888.</td><td>3 131.40</td><td>1164.39</td><td>100.38</td><td>90.93</td><td>38.88</td><td>293.01</td></lod<>	21.76	627.20	-3.16	42.30	45.91 13	.86 3888.	3 131.40	1164.39	100.38	90.93	38.88	293.01
SHA1	Shaftesbury	Unprovenanced	701567.57	185217.23	23465.73	<lod< td=""><td>7709.17</td><td>21955.77</td><td><lod< td=""><td>10383.76</td><td>/542.67</td><td>43.38</td><td><lod< td=""><td>410.99</td><td>-22.49</td><td>53.67</td><td>-12.03 19</td><td>.06 1334.</td><td>2 113.45</td><td>1157.29</td><td>120.18</td><td>85.47</td><td>42.69</td><td>265.21</td></lod<></td></lod<></td></lod<>	7709.17	21955.77	<lod< td=""><td>10383.76</td><td>/542.67</td><td>43.38</td><td><lod< td=""><td>410.99</td><td>-22.49</td><td>53.67</td><td>-12.03 19</td><td>.06 1334.</td><td>2 113.45</td><td>1157.29</td><td>120.18</td><td>85.47</td><td>42.69</td><td>265.21</td></lod<></td></lod<>	10383.76	/542.67	43.38	<lod< td=""><td>410.99</td><td>-22.49</td><td>53.67</td><td>-12.03 19</td><td>.06 1334.</td><td>2 113.45</td><td>1157.29</td><td>120.18</td><td>85.47</td><td>42.69</td><td>265.21</td></lod<>	410.99	-22.49	53.67	-12.03 19	.06 1334.	2 113.45	1157.29	120.18	85.47	42.69	265.21
SHA2	Shaftesbury	Unprovenanced	586371.90	140829.24	24715.48	<lod< td=""><td>13893.48</td><td>6645.35</td><td>285.16</td><td>6565.11</td><td>8655.20</td><td>-1.46</td><td><lod< td=""><td>168.04</td><td>-23.20</td><td>38.37</td><td>-9.23 6</td><td>.39 25.</td><td>9 51.54</td><td>-50.14</td><td>180.49</td><td>37.12</td><td>59.32</td><td>174.19</td></lod<></td></lod<>	13893.48	6645.35	285.16	6565.11	8655.20	-1.46	<lod< td=""><td>168.04</td><td>-23.20</td><td>38.37</td><td>-9.23 6</td><td>.39 25.</td><td>9 51.54</td><td>-50.14</td><td>180.49</td><td>37.12</td><td>59.32</td><td>174.19</td></lod<>	168.04	-23.20	38.37	-9.23 6	.39 25.	9 51.54	-50.14	180.49	37.12	59.32	174.19
SHA3	Shaftesbury	Unprovenanced	683196.51	161345.93	21179.10	<lod< td=""><td>11416.06</td><td>10413.33</td><td>234.91</td><td>7085.98</td><td>3422.91</td><td>-4.30</td><td><lod< td=""><td>254.41</td><td>-22.80</td><td>38.78</td><td>18.87 13</td><td>.05 47</td><td>8 81.10</td><td>4.81</td><td>91.79</td><td>58.33</td><td>39.77</td><td>184.88</td></lod<></td></lod<>	11416.06	10413.33	234.91	7085.98	3422.91	-4.30	<lod< td=""><td>254.41</td><td>-22.80</td><td>38.78</td><td>18.87 13</td><td>.05 47</td><td>8 81.10</td><td>4.81</td><td>91.79</td><td>58.33</td><td>39.77</td><td>184.88</td></lod<>	254.41	-22.80	38.78	18.87 13	.05 47	8 81.10	4.81	91.79	58.33	39.77	184.88
SHA4	Shaftesbury	Unprovenanced	648631.52	195675.60	34342.42	<lod< td=""><td>14934.87</td><td>24050.79</td><td>344.11</td><td>6706.33</td><td>5867.69</td><td><lod< td=""><td><lod< td=""><td>453.88</td><td>-21.73</td><td>61.16</td><td>30.51 12</td><td>.38 1604.</td><td>1 151.16</td><td>168.21</td><td>186.47</td><td>74.47</td><td>116.98</td><td>166.36</td></lod<></td></lod<></td></lod<>	14934.87	24050.79	344.11	6706.33	5867.69	<lod< td=""><td><lod< td=""><td>453.88</td><td>-21.73</td><td>61.16</td><td>30.51 12</td><td>.38 1604.</td><td>1 151.16</td><td>168.21</td><td>186.47</td><td>74.47</td><td>116.98</td><td>166.36</td></lod<></td></lod<>	<lod< td=""><td>453.88</td><td>-21.73</td><td>61.16</td><td>30.51 12</td><td>.38 1604.</td><td>1 151.16</td><td>168.21</td><td>186.47</td><td>74.47</td><td>116.98</td><td>166.36</td></lod<>	453.88	-21.73	61.16	30.51 12	.38 1604.	1 151.16	168.21	186.47	74.47	116.98	166.36
SHAS	Shaftesbury	Unprovenanced	696665.97	202979.40	25706.18	<lod< td=""><td>7802.13</td><td>22255.12</td><td>505.78</td><td>6351.32</td><td>2890.89</td><td>0.96</td><td><lod< td=""><td>385.46</td><td>-18.19</td><td>46.68</td><td>25.09 11</td><td>.00 87.6</td><td>1 132.30</td><td>50.89</td><td>147.13</td><td>/1.22</td><td>86.53</td><td>184.54</td></lod<></td></lod<>	7802.13	22255.12	505.78	6351.32	2890.89	0.96	<lod< td=""><td>385.46</td><td>-18.19</td><td>46.68</td><td>25.09 11</td><td>.00 87.6</td><td>1 132.30</td><td>50.89</td><td>147.13</td><td>/1.22</td><td>86.53</td><td>184.54</td></lod<>	385.46	-18.19	46.68	25.09 11	.00 87.6	1 132.30	50.89	147.13	/1.22	86.53	184.54
SHAD	Shaftesbury	Unprovenanced	682512.13	14/859.69	18431.89	<lod< td=""><td>4932.57</td><td>9349.33</td><td><lod< td=""><td>590.88</td><td>1677.48</td><td>-4.24</td><td><lod< td=""><td>220.22</td><td>-24.71</td><td>24.66</td><td>2.18 10</td><td>.09 70.4</td><td>5 74.90</td><td>56.27</td><td>55.96</td><td>47.27</td><td>33.46</td><td>195.36</td></lod<></td></lod<></td></lod<>	4932.57	9349.33	<lod< td=""><td>590.88</td><td>1677.48</td><td>-4.24</td><td><lod< td=""><td>220.22</td><td>-24.71</td><td>24.66</td><td>2.18 10</td><td>.09 70.4</td><td>5 74.90</td><td>56.27</td><td>55.96</td><td>47.27</td><td>33.46</td><td>195.36</td></lod<></td></lod<>	590.88	1677.48	-4.24	<lod< td=""><td>220.22</td><td>-24.71</td><td>24.66</td><td>2.18 10</td><td>.09 70.4</td><td>5 74.90</td><td>56.27</td><td>55.96</td><td>47.27</td><td>33.46</td><td>195.36</td></lod<>	220.22	-24.71	24.66	2.18 10	.09 70.4	5 74.90	56.27	55.96	47.27	33.46	195.36
SHA7	Shaftesbury	Unprovenanced	749120.59	159707.60	30938.79	<lod< td=""><td>10267.46</td><td>19100.61</td><td>448.02</td><td>7909.38</td><td>3452.89</td><td>-0.78</td><td><lod< td=""><td>327.92</td><td>-24.69</td><td>47.00</td><td>-6.30 12</td><td>.39 168.</td><td>7 97.89</td><td>202.36</td><td>80.68</td><td>72.04</td><td>39.70</td><td>238.11</td></lod<></td></lod<>	10267.46	19100.61	448.02	7909.38	3452.89	-0.78	<lod< td=""><td>327.92</td><td>-24.69</td><td>47.00</td><td>-6.30 12</td><td>.39 168.</td><td>7 97.89</td><td>202.36</td><td>80.68</td><td>72.04</td><td>39.70</td><td>238.11</td></lod<>	327.92	-24.69	47.00	-6.30 12	.39 168.	7 97.89	202.36	80.68	72.04	39.70	238.11
SHAO	Shafteshuru	Unprovenanced	742020.55	240155.60	33/06.12		7402.07	31085.91	391.44	0010.05	4444.40	114.37	<lod< td=""><td>032.88</td><td>-17.11</td><td>59.03</td><td>34.44 16</td><td>.UD 8/9.</td><td>2 1/7.38</td><td>370.29</td><td>198.07</td><td>98.99 3</td><td>21.00</td><td>198.76</td></lod<>	032.88	-17.11	59.03	34.44 16	.UD 8/9.	2 1/7.38	370.29	198.07	98.99 3	21.00	198.76
SHA9	Shaftesbury	Unprovenanced	142928.55	20//99.83	22384.53		/492.0/	20400.47	∠90.62 510.70	9910.25	4411.16	<lud< td=""><td></td><td>∠04.01</td><td></td><td>48.31</td><td>317.73 18</td><td>12 6447</td><td>3 107.97</td><td>1750.93</td><td>40.03</td><td>90.40</td><td>51.99</td><td>210.01</td></lud<>		∠04.01		48.31	317.73 18	12 6447	3 107.97	1750.93	40.03	90.40	51.99	210.01
SHA1U	Shafteshuru	Unprovenanced	002993.97	1005/8.03	20562.95		0538.26	109/5.12	519.79	9042.17	4702.04	410.00	<lod< td=""><td>455.57</td><td><lud< td=""><td>51.26</td><td>42.28 18</td><td>.13 0417.</td><td>4 107.89</td><td>1224.41</td><td>122.99</td><td>00.09</td><td>07.97</td><td>249.34</td></lud<></td></lod<>	455.57	<lud< td=""><td>51.26</td><td>42.28 18</td><td>.13 0417.</td><td>4 107.89</td><td>1224.41</td><td>122.99</td><td>00.09</td><td>07.97</td><td>249.34</td></lud<>	51.26	42.28 18	.13 0417.	4 107.89	1224.41	122.99	00.09	07.97	249.34
SHATT CHATT	Shafteshuru	Unprovenanced	001009.73	191592.15	29018.60		14036.31	12497.63	231.49	0414.96	4793.84	<lod< td=""><td><lod< td=""><td>294.54 ·</td><td>17.02</td><td>60.48</td><td>0.46 12</td><td>.92 902.</td><td>4 103.17</td><td>204.87</td><td>122.73</td><td>70.40</td><td>10.20</td><td>205.50</td></lod<></td></lod<>	<lod< td=""><td>294.54 ·</td><td>17.02</td><td>60.48</td><td>0.46 12</td><td>.92 902.</td><td>4 103.17</td><td>204.87</td><td>122.73</td><td>70.40</td><td>10.20</td><td>205.50</td></lod<>	294.54 ·	17.02	60.48	0.46 12	.92 902.	4 103.17	204.87	122.73	70.40	10.20	205.50
SHA12	Shaftesbury	Unprovenanced	711022.50	104911.17	20000.83		12374.12	0770 04	215.34	2042.08	5949.43 4044.00	11.48		455.44	10 / 2	57.10	35.96 5	.90 44.9	0 51.07	-31.55	02.74	19.29	19.81	145.49
SHA13	Shafteshuru	Unprovenanced	711832.56	104441.44	20347.03		11227.98	0//0.01	228.07	7012.07	4044.90	5.06	<lod< td=""><td>200.29</td><td>- 18.43</td><td>48.38</td><td>2.10 9</td><td>.33 28.</td><td>0 51.12</td><td>-18.99</td><td>92.74</td><td>13.54</td><td>102.74</td><td>174.08</td></lod<>	200.29	- 18.43	48.38	2.10 9	.33 28.	0 51.12	-18.99	92.74	13.54	102.74	174.08
5HA14	Snarresbury	Unprovenanced	579835.10	170202.18	33814.02	<lod< td=""><td>∠1991.96</td><td>21796.33</td><td>1041.56</td><td>1201.20</td><td>22442.27</td><td>23.89</td><td><lod< td=""><td>431.23</td><td>-20.21</td><td>71.05</td><td>9.27 9</td><td>.44 174.</td><td>3 93.38</td><td>228.88</td><td>312.64</td><td>99.09</td><td>192.52</td><td>165.96</td></lod<></td></lod<>	∠1991.96	21796.33	1041.56	1201.20	22442.27	23.89	<lod< td=""><td>431.23</td><td>-20.21</td><td>71.05</td><td>9.27 9</td><td>.44 174.</td><td>3 93.38</td><td>228.88</td><td>312.64</td><td>99.09</td><td>192.52</td><td>165.96</td></lod<>	431.23	-20.21	71.05	9.27 9	.44 174.	3 93.38	228.88	312.64	99.09	192.52	165.96

Sample ID	Site Description	Sample Group	*SiO ₂	*Al ₂ O ₃	*FeO	*Mg	*CaO	*K ₂ O	*MnO	*TiO ₂	*P ₂ O ₅	*As	*Ag	*Ba	*Bi	*Cr	*Cu	*Nb	*Pb	*Rb	*S	*Sr	*V	*Zn *Zr
SOU1	Southampton	Unprovenanced	662117.26	164724.35	31625.87	<lod< td=""><td>15229.59</td><td>25129.16</td><td>194.80</td><td>8743.96</td><td>6506.29</td><td>27.60</td><td>-25.13</td><td>295.80</td><td>-4.72</td><td>83.09</td><td>89.87</td><td>15.62</td><td>683.17</td><td>138.79</td><td>6756.71</td><td>83.57</td><td>75.48</td><td>45.26 297.46</td></lod<>	15229.59	25129.16	194.80	8743.96	6506.29	27.60	-25.13	295.80	-4.72	83.09	89.87	15.62	683.17	138.79	6756.71	83.57	75.48	45.26 297.46
SOU2	Southampton	Unprovenanced	578350.75	146994.89	40977.83	<lod< td=""><td>20499.87</td><td>24951.02</td><td>314.73</td><td>6806.52</td><td>19705.24</td><td>6.00</td><td>-35.81</td><td>625.17</td><td>-6.65</td><td>81.59</td><td>22.53</td><td>9.68</td><td>39.48</td><td>132.77</td><td>1075.46</td><td>219.26</td><td>66.51</td><td>102.36 150.16</td></lod<>	20499.87	24951.02	314.73	6806.52	19705.24	6.00	-35.81	625.17	-6.65	81.59	22.53	9.68	39.48	132.77	1075.46	219.26	66.51	102.36 150.16
SOU3	Southampton	Unprovenanced	517792.32	135256.04	18621.78	<lod< td=""><td>11403.93</td><td>24078.18</td><td>194.32</td><td>8574.25</td><td>10655.92</td><td>44.38</td><td>-16.13</td><td>463.19</td><td>-4.38</td><td>64.44</td><td>23.11</td><td>17.01</td><td>812.39</td><td>145.26</td><td>6894.08</td><td>133.78</td><td>76.46</td><td>66.59 203.70</td></lod<>	11403.93	24078.18	194.32	8574.25	10655.92	44.38	-16.13	463.19	-4.38	64.44	23.11	17.01	812.39	145.26	6894.08	133.78	76.46	66.59 203.70
SOU4	Southampton	Unprovenanced	665462.37	158644.93	25687.27	<lod< td=""><td>16455.57</td><td>17581.84</td><td>85.91</td><td>7166.42</td><td>6141.81</td><td>41.37</td><td>-16.03</td><td>156.61</td><td>-7.49</td><td>37.83</td><td>45.59</td><td>9.13</td><td>204.78</td><td>123.47</td><td>3330.95</td><td>90.16</td><td>25.13</td><td>39.67 194.17</td></lod<>	16455.57	17581.84	85.91	7166.42	6141.81	41.37	-16.03	156.61	-7.49	37.83	45.59	9.13	204.78	123.47	3330.95	90.16	25.13	39.67 194.17
SOU5	Southampton	Unprovenanced	634845.78	156949.50	52756.37	<lod< td=""><td>11252.77</td><td>26721.24</td><td>371.10</td><td>7887.56</td><td>5631.88</td><td>5.20</td><td>5.46</td><td>406.43</td><td>-1.54</td><td>82.59</td><td><lod< td=""><td>14.54</td><td>84.09</td><td>150.83</td><td>912.10</td><td>80.37</td><td>67.12</td><td>112.16 243.32</td></lod<></td></lod<>	11252.77	26721.24	371.10	7887.56	5631.88	5.20	5.46	406.43	-1.54	82.59	<lod< td=""><td>14.54</td><td>84.09</td><td>150.83</td><td>912.10</td><td>80.37</td><td>67.12</td><td>112.16 243.32</td></lod<>	14.54	84.09	150.83	912.10	80.37	67.12	112.16 243.32
SOU6	Southampton	Unprovenanced	605767.91	127497.30	38414.59	<lod< td=""><td>9354.46</td><td>26925.84</td><td>140.99</td><td>6803.70</td><td>4678.86</td><td>0.34</td><td>8.51</td><td>374.71</td><td>-9.68</td><td>81.47</td><td>26.73</td><td>8.82</td><td>49.87</td><td>132.06</td><td>-43.47</td><td>85.42</td><td>68.61</td><td>69.12 192.18</td></lod<>	9354.46	26925.84	140.99	6803.70	4678.86	0.34	8.51	374.71	-9.68	81.47	26.73	8.82	49.87	132.06	-43.47	85.42	68.61	69.12 192.18
SOU7	Southampton	Unprovenanced	672227.09	146962.18	48212.95	<lod< td=""><td>13245.54</td><td>25494.30</td><td>305.92</td><td>7629.72</td><td>5913.64</td><td>1.75</td><td>-19.83</td><td>358.77</td><td>-2.53</td><td>88.04</td><td><lod< td=""><td>12.56</td><td>34.47</td><td>147.32</td><td>1155.83</td><td>80.75</td><td>67.59</td><td>96.33 223.08</td></lod<></td></lod<>	13245.54	25494.30	305.92	7629.72	5913.64	1.75	-19.83	358.77	-2.53	88.04	<lod< td=""><td>12.56</td><td>34.47</td><td>147.32</td><td>1155.83</td><td>80.75</td><td>67.59</td><td>96.33 223.08</td></lod<>	12.56	34.47	147.32	1155.83	80.75	67.59	96.33 223.08
SOU8	Southampton	Unprovenanced	611011.23	173482.31	31870.31	<lod< td=""><td>10578.25</td><td>25294.69</td><td>93.32</td><td>9307.90</td><td>8787.34</td><td>47.59</td><td>-23.28</td><td>383.79</td><td>4.81</td><td>85.88</td><td>19.01</td><td>16.48</td><td>1122.29</td><td>154.06</td><td>441.31</td><td>93.77</td><td>97.97</td><td>64.58 201.75</td></lod<>	10578.25	25294.69	93.32	9307.90	8787.34	47.59	-23.28	383.79	4.81	85.88	19.01	16.48	1122.29	154.06	441.31	93.77	97.97	64.58 201.75
SOU9	Southampton	Unprovenanced	663939.14	164173.88	51895.54	<lod< td=""><td>10379.35</td><td>26965.07</td><td>477.85</td><td>8376.60</td><td>5988.59</td><td>4.94</td><td>-15.42</td><td>393.48</td><td>-0.19</td><td>103.98</td><td>45.17</td><td>14.06</td><td>144.31</td><td>149.42</td><td>-11.11</td><td>85.01</td><td>96.05</td><td>102.31 237.62</td></lod<>	10379.35	26965.07	477.85	8376.60	5988.59	4.94	-15.42	393.48	-0.19	103.98	45.17	14.06	144.31	149.42	-11.11	85.01	96.05	102.31 237.62
SOU10	Southampton	Unprovenanced	661228.08	177857.82	36477.78	<lod< td=""><td>11860.36</td><td>27459.49</td><td>526.10</td><td>8273.99</td><td>4207.59</td><td>8.62</td><td>-25.07</td><td>400.57</td><td>-1.36</td><td>72.48</td><td><lod< td=""><td>15.41</td><td>295.54</td><td>155.69</td><td>963.26</td><td>86.89</td><td>88.08</td><td>94.25 209.49</td></lod<></td></lod<>	11860.36	27459.49	526.10	8273.99	4207.59	8.62	-25.07	400.57	-1.36	72.48	<lod< td=""><td>15.41</td><td>295.54</td><td>155.69</td><td>963.26</td><td>86.89</td><td>88.08</td><td>94.25 209.49</td></lod<>	15.41	295.54	155.69	963.26	86.89	88.08	94.25 209.49
SOU11	Southampton	Unprovenanced	561847.46	124180.29	24299.73	<lod< td=""><td>24082.26</td><td>17838.11</td><td>51.97</td><td>7193.09</td><td>32561.57</td><td>-8.62</td><td>-17.97</td><td>218.92</td><td>-7.85</td><td>73.89</td><td>69.22</td><td>7.60</td><td>20.19</td><td>116.26</td><td>936.21</td><td>186.92</td><td>54.21</td><td>213.25 183.47</td></lod<>	24082.26	17838.11	51.97	7193.09	32561.57	-8.62	-17.97	218.92	-7.85	73.89	69.22	7.60	20.19	116.26	936.21	186.92	54.21	213.25 183.47
SOU12	Southampton	Unprovenanced	549066.41	127353.51	38638.77	<lod< td=""><td>17053.77</td><td>28539.80</td><td>221.96</td><td>6720.81</td><td>9133.23</td><td>810.81</td><td>2.29</td><td>365.15</td><td>1.15</td><td>89.06</td><td><lod< td=""><td>15.34</td><td>14914.93</td><td>124.86</td><td>23103.39</td><td>78.03</td><td>88.27</td><td>60.67 251.92</td></lod<></td></lod<>	17053.77	28539.80	221.96	6720.81	9133.23	810.81	2.29	365.15	1.15	89.06	<lod< td=""><td>15.34</td><td>14914.93</td><td>124.86</td><td>23103.39</td><td>78.03</td><td>88.27</td><td>60.67 251.92</td></lod<>	15.34	14914.93	124.86	23103.39	78.03	88.27	60.67 251.92
SOU13	Southampton	Unprovenanced	669817.01	146531.98	41219.04	<lod< td=""><td>12499.84</td><td>27438.52</td><td>163.51</td><td>6798.51</td><td>7508.02</td><td>-2.19</td><td>11.94</td><td>338.41</td><td>-6.09</td><td>87.95</td><td><lod< td=""><td>8.28</td><td>69.45</td><td>133.06</td><td>-333.72</td><td>113.45</td><td>70.35</td><td>79.04 232.40</td></lod<></td></lod<>	12499.84	27438.52	163.51	6798.51	7508.02	-2.19	11.94	338.41	-6.09	87.95	<lod< td=""><td>8.28</td><td>69.45</td><td>133.06</td><td>-333.72</td><td>113.45</td><td>70.35</td><td>79.04 232.40</td></lod<>	8.28	69.45	133.06	-333.72	113.45	70.35	79.04 232.40
SOU14	Southampton	Unprovenanced	617068.02	159880.39	34891.57	<lod< td=""><td>18946.60</td><td>24515.84</td><td>94.26</td><td>7371.50</td><td>3210.64</td><td>9.03</td><td>-9.10</td><td>359.15</td><td>-5.06</td><td>74.52</td><td>71.24</td><td>10.74</td><td>117.61</td><td>138.84</td><td>23610.88</td><td>132.92</td><td>68.54</td><td>54.38 252.31</td></lod<>	18946.60	24515.84	94.26	7371.50	3210.64	9.03	-9.10	359.15	-5.06	74.52	71.24	10.74	117.61	138.84	23610.88	132.92	68.54	54.38 252.31
STN-1	Stratton	Unprovenanced	574475.93	156816.59	31225.93	<lod< td=""><td>7997.68</td><td>24393.81</td><td>69.16</td><td>7333.76</td><td>1981.89</td><td>-4.11</td><td>-22.65</td><td>421.11</td><td>11.67</td><td>96.96</td><td><lod< td=""><td>9.82</td><td>74.55</td><td>148.98</td><td>1656.92</td><td>118.43</td><td>117.30</td><td>116.54 205.56</td></lod<></td></lod<>	7997.68	24393.81	69.16	7333.76	1981.89	-4.11	-22.65	421.11	11.67	96.96	<lod< td=""><td>9.82</td><td>74.55</td><td>148.98</td><td>1656.92</td><td>118.43</td><td>117.30</td><td>116.54 205.56</td></lod<>	9.82	74.55	148.98	1656.92	118.43	117.30	116.54 205.56
STN-2	Stratton	Unprovenanced	583336.25	149335.82	23960.72	<lod< td=""><td>16888.99</td><td>24255.05</td><td>347.48</td><td>7263.01</td><td>18365.41</td><td>6.48</td><td>-26.24</td><td>460.33</td><td>-8.97</td><td>82.24</td><td>24.96</td><td>8.87</td><td>39.00</td><td>135.03</td><td>-160.01</td><td>168.63</td><td>110.15</td><td>244.37 197.08</td></lod<>	16888.99	24255.05	347.48	7263.01	18365.41	6.48	-26.24	460.33	-8.97	82.24	24.96	8.87	39.00	135.03	-160.01	168.63	110.15	244.37 197.08
STN-3	Stratton	Unprovenanced	577537.38	149448.95	29652.82	<lod< td=""><td>19807.06</td><td>22937.68</td><td>1697.18</td><td>6940.57</td><td>20660.26</td><td>-6.33</td><td>-0.12</td><td>579.35</td><td>12.17</td><td>73.25</td><td>37.48</td><td>8.76</td><td>30.95</td><td>136.13</td><td><lod< td=""><td>161.23</td><td>92.49</td><td>262.90 199.26</td></lod<></td></lod<>	19807.06	22937.68	1697.18	6940.57	20660.26	-6.33	-0.12	579.35	12.17	73.25	37.48	8.76	30.95	136.13	<lod< td=""><td>161.23</td><td>92.49</td><td>262.90 199.26</td></lod<>	161.23	92.49	262.90 199.26
STN-4	Stratton	Unprovenanced	558746.07	132805.40	21288.40	<lod< td=""><td>16000.39</td><td>22891.71</td><td>585.34</td><td>6538.69</td><td>9500.45</td><td><lod< td=""><td>-28.43</td><td>359.20</td><td><lod< td=""><td>54.00</td><td>18.32</td><td>9.02</td><td>5372.14</td><td>137.39</td><td>362.38</td><td>167.75</td><td>81.83</td><td>169.39 185.61</td></lod<></td></lod<></td></lod<>	16000.39	22891.71	585.34	6538.69	9500.45	<lod< td=""><td>-28.43</td><td>359.20</td><td><lod< td=""><td>54.00</td><td>18.32</td><td>9.02</td><td>5372.14</td><td>137.39</td><td>362.38</td><td>167.75</td><td>81.83</td><td>169.39 185.61</td></lod<></td></lod<>	-28.43	359.20	<lod< td=""><td>54.00</td><td>18.32</td><td>9.02</td><td>5372.14</td><td>137.39</td><td>362.38</td><td>167.75</td><td>81.83</td><td>169.39 185.61</td></lod<>	54.00	18.32	9.02	5372.14	137.39	362.38	167.75	81.83	169.39 185.61
STN-5	Stratton	Unprovenanced	645264.40	152031.06	25479.53	<lod< td=""><td>12069.32</td><td>17969.10</td><td>1461.38</td><td>7559.24</td><td>6828.67</td><td>-8.25</td><td>-10.51</td><td>269.22</td><td>10.65</td><td>55.91</td><td><lod< td=""><td>11.47</td><td>24.87</td><td>127.40</td><td>-270.84</td><td>83.09</td><td>71.71</td><td>98.05 255.89</td></lod<></td></lod<>	12069.32	17969.10	1461.38	7559.24	6828.67	-8.25	-10.51	269.22	10.65	55.91	<lod< td=""><td>11.47</td><td>24.87</td><td>127.40</td><td>-270.84</td><td>83.09</td><td>71.71</td><td>98.05 255.89</td></lod<>	11.47	24.87	127.40	-270.84	83.09	71.71	98.05 255.89
STN-6	Stratton	Unprovenanced	633732.28	205802.91	17555.79	<lod< td=""><td>15206.95</td><td>21592.41</td><td>280.31</td><td>9543.48</td><td>11425.27</td><td><lod< td=""><td>-5.41</td><td>281.38</td><td>-9.28</td><td>58.80</td><td>21.76</td><td>15.98</td><td>1143.27</td><td>137.24</td><td>178.03</td><td>95.14</td><td>92.41</td><td>84.26 274.76</td></lod<></td></lod<>	15206.95	21592.41	280.31	9543.48	11425.27	<lod< td=""><td>-5.41</td><td>281.38</td><td>-9.28</td><td>58.80</td><td>21.76</td><td>15.98</td><td>1143.27</td><td>137.24</td><td>178.03</td><td>95.14</td><td>92.41</td><td>84.26 274.76</td></lod<>	-5.41	281.38	-9.28	58.80	21.76	15.98	1143.27	137.24	178.03	95.14	92.41	84.26 274.76
STN-7	Stratton	Unprovenanced	585584.51	173417.93	29328.04	<lod< td=""><td>9465.78</td><td>25474.11</td><td>180.98</td><td>7113.78</td><td>2202.83</td><td><lod< td=""><td>-28.11</td><td>520.84</td><td>10.69</td><td>72.27</td><td><lod< td=""><td>10.55</td><td>3587.26</td><td>154.29</td><td>1570.99</td><td>112.76</td><td>68.19</td><td>92.63 190.36</td></lod<></td></lod<></td></lod<>	9465.78	25474.11	180.98	7113.78	2202.83	<lod< td=""><td>-28.11</td><td>520.84</td><td>10.69</td><td>72.27</td><td><lod< td=""><td>10.55</td><td>3587.26</td><td>154.29</td><td>1570.99</td><td>112.76</td><td>68.19</td><td>92.63 190.36</td></lod<></td></lod<>	-28.11	520.84	10.69	72.27	<lod< td=""><td>10.55</td><td>3587.26</td><td>154.29</td><td>1570.99</td><td>112.76</td><td>68.19</td><td>92.63 190.36</td></lod<>	10.55	3587.26	154.29	1570.99	112.76	68.19	92.63 190.36
STN-8	Stratton	Unprovenanced	598950.55	161610.63	17903.33	<lod< td=""><td>8874.00</td><td>20593.28</td><td>879.63</td><td>7909.28</td><td>4020.06</td><td><lod< td=""><td>-30.78</td><td>317.01</td><td>-9.39</td><td>38.25</td><td>27.88</td><td>13.04</td><td>846.78</td><td>134.43</td><td>249.20</td><td>84.31</td><td>74.29</td><td>59.93 232.65</td></lod<></td></lod<>	8874.00	20593.28	879.63	7909.28	4020.06	<lod< td=""><td>-30.78</td><td>317.01</td><td>-9.39</td><td>38.25</td><td>27.88</td><td>13.04</td><td>846.78</td><td>134.43</td><td>249.20</td><td>84.31</td><td>74.29</td><td>59.93 232.65</td></lod<>	-30.78	317.01	-9.39	38.25	27.88	13.04	846.78	134.43	249.20	84.31	74.29	59.93 232.65
STN-9	Stratton	Unprovenanced	628252.11	156087.40	26381.58	<lod< td=""><td>9568.10</td><td>16841.21</td><td><lod< td=""><td>7165.74</td><td>2748.89</td><td>-9.18</td><td>-38.95</td><td>189.46</td><td>14.74</td><td>41.52</td><td><lod< td=""><td>9.25</td><td>19.19</td><td>121.85</td><td><lod< td=""><td>79.57</td><td>47.64</td><td>97.23 219.40</td></lod<></td></lod<></td></lod<></td></lod<>	9568.10	16841.21	<lod< td=""><td>7165.74</td><td>2748.89</td><td>-9.18</td><td>-38.95</td><td>189.46</td><td>14.74</td><td>41.52</td><td><lod< td=""><td>9.25</td><td>19.19</td><td>121.85</td><td><lod< td=""><td>79.57</td><td>47.64</td><td>97.23 219.40</td></lod<></td></lod<></td></lod<>	7165.74	2748.89	-9.18	-38.95	189.46	14.74	41.52	<lod< td=""><td>9.25</td><td>19.19</td><td>121.85</td><td><lod< td=""><td>79.57</td><td>47.64</td><td>97.23 219.40</td></lod<></td></lod<>	9.25	19.19	121.85	<lod< td=""><td>79.57</td><td>47.64</td><td>97.23 219.40</td></lod<>	79.57	47.64	97.23 219.40
STN-10	Stratton	Unprovenanced	630310.04	155045.24	23051.86	<lod< td=""><td>7704.94</td><td>22059.09</td><td>128.93</td><td>9321.20</td><td>3073.02</td><td>25.91</td><td>-35.49</td><td>324.06</td><td>11.25</td><td>68.85</td><td>130.18</td><td>16.88</td><td>526.48</td><td>154.55</td><td>971.49</td><td>87.11</td><td>59.46</td><td>84.55 380.85</td></lod<>	7704.94	22059.09	128.93	9321.20	3073.02	25.91	-35.49	324.06	11.25	68.85	130.18	16.88	526.48	154.55	971.49	87.11	59.46	84.55 380.85
STN-11	Stratton	Unprovenanced	568791.80	218599.83	28455.08	<lod< td=""><td>7900.53</td><td>18277.24</td><td>262.07</td><td>10827.20</td><td>5835.09</td><td><lod< td=""><td>-32.71</td><td>379.40</td><td>-2.34</td><td>99.43</td><td><lod< td=""><td>17.31</td><td>531.85</td><td>124.46</td><td>-125.04</td><td>89.54</td><td>61.40</td><td>113.02 232.58</td></lod<></td></lod<></td></lod<>	7900.53	18277.24	262.07	10827.20	5835.09	<lod< td=""><td>-32.71</td><td>379.40</td><td>-2.34</td><td>99.43</td><td><lod< td=""><td>17.31</td><td>531.85</td><td>124.46</td><td>-125.04</td><td>89.54</td><td>61.40</td><td>113.02 232.58</td></lod<></td></lod<>	-32.71	379.40	-2.34	99.43	<lod< td=""><td>17.31</td><td>531.85</td><td>124.46</td><td>-125.04</td><td>89.54</td><td>61.40</td><td>113.02 232.58</td></lod<>	17.31	531.85	124.46	-125.04	89.54	61.40	113.02 232.58
STN-12	Stratton	Unprovenanced	597297.04	187252.54	19692.44	<lod< td=""><td>9845.73</td><td>21059.19</td><td>149.94</td><td>11921.84</td><td>3349.82</td><td>57.42</td><td><lod< td=""><td>334.21</td><td>3.68</td><td>76.60</td><td><lod< td=""><td>21.54</td><td>1901.26</td><td>135.90</td><td>138.79</td><td>108.00</td><td>83.68</td><td>73.80 252.50</td></lod<></td></lod<></td></lod<>	9845.73	21059.19	149.94	11921.84	3349.82	57.42	<lod< td=""><td>334.21</td><td>3.68</td><td>76.60</td><td><lod< td=""><td>21.54</td><td>1901.26</td><td>135.90</td><td>138.79</td><td>108.00</td><td>83.68</td><td>73.80 252.50</td></lod<></td></lod<>	334.21	3.68	76.60	<lod< td=""><td>21.54</td><td>1901.26</td><td>135.90</td><td>138.79</td><td>108.00</td><td>83.68</td><td>73.80 252.50</td></lod<>	21.54	1901.26	135.90	138.79	108.00	83.68	73.80 252.50
WL-1	Wilton	Unprovenanced	553385.88	130008.09	29178.41	<lod< td=""><td>35407.27</td><td>19214.48</td><td>373.41</td><td>6796.46</td><td>11967.69</td><td>75.03</td><td><lod< td=""><td>353.02</td><td>-9.35</td><td>59.18</td><td><lod< td=""><td>9.46</td><td>1956.96</td><td>121.43</td><td>-133.75</td><td>162.25</td><td>21.24</td><td>113.38 171.90</td></lod<></td></lod<></td></lod<>	35407.27	19214.48	373.41	6796.46	11967.69	75.03	<lod< td=""><td>353.02</td><td>-9.35</td><td>59.18</td><td><lod< td=""><td>9.46</td><td>1956.96</td><td>121.43</td><td>-133.75</td><td>162.25</td><td>21.24</td><td>113.38 171.90</td></lod<></td></lod<>	353.02	-9.35	59.18	<lod< td=""><td>9.46</td><td>1956.96</td><td>121.43</td><td>-133.75</td><td>162.25</td><td>21.24</td><td>113.38 171.90</td></lod<>	9.46	1956.96	121.43	-133.75	162.25	21.24	113.38 171.90
WIL-2	Wilton	Unprovenanced	614589.61	150643.85	30519.11	<lod< td=""><td>53184.43</td><td>17775.11</td><td>300.16</td><td>7318.29</td><td>8605.91</td><td>64.36</td><td>45.47</td><td>269.51</td><td>-3.75</td><td>77.34</td><td>14.83</td><td>12.40</td><td>1956.13</td><td>123.38</td><td>-204.18</td><td>126.09</td><td>38.08</td><td>55.34 201.35</td></lod<>	53184.43	17775.11	300.16	7318.29	8605.91	64.36	45.47	269.51	-3.75	77.34	14.83	12.40	1956.13	123.38	-204.18	126.09	38.08	55.34 201.35
WL-3	Wilton	Unprovenanced	574566.43	142378.48	26014.93	<lod< td=""><td>45798.55</td><td>17927.04</td><td>274.83</td><td>7223.15</td><td>11995.39</td><td>211.94</td><td><lod< td=""><td>247.36</td><td>-1.13</td><td>52.62</td><td>19.01</td><td>13.30</td><td>2954.26</td><td>135.15</td><td>232.56</td><td>97.22</td><td>44.02</td><td>54.22 236.48</td></lod<></td></lod<>	45798.55	17927.04	274.83	7223.15	11995.39	211.94	<lod< td=""><td>247.36</td><td>-1.13</td><td>52.62</td><td>19.01</td><td>13.30</td><td>2954.26</td><td>135.15</td><td>232.56</td><td>97.22</td><td>44.02</td><td>54.22 236.48</td></lod<>	247.36	-1.13	52.62	19.01	13.30	2954.26	135.15	232.56	97.22	44.02	54.22 236.48
WL-4	Wilton	Unprovenanced	653893.13	148876.50	22781.52	<lod< td=""><td>38898.82</td><td>23506.15</td><td>308.31</td><td>8485.14</td><td>9096.94</td><td>71.40</td><td>36.42</td><td>342.46</td><td>-6.26</td><td>64.38</td><td><lod< td=""><td>15.55</td><td>2123.58</td><td>137.98</td><td>431.61</td><td>91.47</td><td>61.63</td><td>42.88 264.62</td></lod<></td></lod<>	38898.82	23506.15	308.31	8485.14	9096.94	71.40	36.42	342.46	-6.26	64.38	<lod< td=""><td>15.55</td><td>2123.58</td><td>137.98</td><td>431.61</td><td>91.47</td><td>61.63</td><td>42.88 264.62</td></lod<>	15.55	2123.58	137.98	431.61	91.47	61.63	42.88 264.62
WL-5	Wilton	Unprovenanced	661317.03	166041.05	20404.75	<lod< td=""><td>17440.75</td><td>23550.81</td><td>231.16</td><td>9176.04</td><td>6892.67</td><td><lod< td=""><td>26.29</td><td>308.25</td><td>1.12</td><td>58.83</td><td>12.38</td><td>15.79</td><td>3516.89</td><td>131.11</td><td>441.97</td><td>96.97</td><td>51.29</td><td>44.58 286.80</td></lod<></td></lod<>	17440.75	23550.81	231.16	9176.04	6892.67	<lod< td=""><td>26.29</td><td>308.25</td><td>1.12</td><td>58.83</td><td>12.38</td><td>15.79</td><td>3516.89</td><td>131.11</td><td>441.97</td><td>96.97</td><td>51.29</td><td>44.58 286.80</td></lod<>	26.29	308.25	1.12	58.83	12.38	15.79	3516.89	131.11	441.97	96.97	51.29	44.58 286.80
WIL-6	Wilton	Unprovenanced	610039.88	169300.15	25339.10	<lod< td=""><td>19194.69</td><td>18441.94</td><td>223.06</td><td>8750.92</td><td>7342.56</td><td>147.87</td><td>19.13</td><td>325.46</td><td>0.18</td><td>90.06</td><td>12.38</td><td>15.35</td><td>4159.76</td><td>135.50</td><td>-107.91</td><td>111.15</td><td>49.81</td><td>54.03 316.06</td></lod<>	19194.69	18441.94	223.06	8750.92	7342.56	147.87	19.13	325.46	0.18	90.06	12.38	15.35	4159.76	135.50	-107.91	111.15	49.81	54.03 316.06
WIL-7	Wilton	Unprovenanced	669790.21	194549.31	27027.43	<lod< td=""><td>24457.62</td><td>18590.58</td><td>460.66</td><td>9427.25</td><td>5300.80</td><td>65.40</td><td>38.07</td><td>288.84</td><td>-1.89</td><td>89.40</td><td>12.38</td><td>15.85</td><td>2121.89</td><td>137.37</td><td>-55.73</td><td>104.63</td><td>72.91</td><td>43.68 284.53</td></lod<>	24457.62	18590.58	460.66	9427.25	5300.80	65.40	38.07	288.84	-1.89	89.40	12.38	15.85	2121.89	137.37	-55.73	104.63	72.91	43.68 284.53
WIL-8	Wilton	Unprovenanced	651407.86	150904.94	51889.25	<lod< td=""><td>36138.68</td><td>27485.14</td><td>460.66</td><td>7978.51</td><td>12938.65</td><td><lod< td=""><td>53.03</td><td>383.04</td><td>3.23</td><td>106.83</td><td><lod< td=""><td>18.55</td><td>3851.78</td><td>142.60</td><td>361.45</td><td>111.75</td><td>85.93</td><td>74.36 373.86</td></lod<></td></lod<></td></lod<>	36138.68	27485.14	460.66	7978.51	12938.65	<lod< td=""><td>53.03</td><td>383.04</td><td>3.23</td><td>106.83</td><td><lod< td=""><td>18.55</td><td>3851.78</td><td>142.60</td><td>361.45</td><td>111.75</td><td>85.93</td><td>74.36 373.86</td></lod<></td></lod<>	53.03	383.04	3.23	106.83	<lod< td=""><td>18.55</td><td>3851.78</td><td>142.60</td><td>361.45</td><td>111.75</td><td>85.93</td><td>74.36 373.86</td></lod<>	18.55	3851.78	142.60	361.45	111.75	85.93	74.36 373.86
WIM-1	Wimborne	Unprovenanced	609217.36	139298.03	27106.34	<lod< td=""><td>18056.79</td><td>23889.83</td><td>21.27</td><td>7101.23</td><td>18970.00</td><td>-7.84</td><td>-23.30</td><td>477.10</td><td>10.80</td><td>63.85</td><td>32.34</td><td>8.94</td><td>100.17</td><td>129.81</td><td>-170.55</td><td>238.09</td><td>51.32</td><td>159.41 182.76</td></lod<>	18056.79	23889.83	21.27	7101.23	18970.00	-7.84	-23.30	477.10	10.80	63.85	32.34	8.94	100.17	129.81	-170.55	238.09	51.32	159.41 182.76
WIM-2	Wimborne	Unprovenanced	598534.55	135468.76	30819.54	<lod< td=""><td>16136.15</td><td>22726.62</td><td>221.19</td><td>6855.84</td><td>10560.55</td><td>-7.66</td><td>-12.90</td><td>341.72</td><td>12.14</td><td>59.95</td><td><lod< td=""><td>8.78</td><td>50.83</td><td>129.14</td><td>-2.97</td><td>115.34</td><td>51.21</td><td>63.94 177.28</td></lod<></td></lod<>	16136.15	22726.62	221.19	6855.84	10560.55	-7.66	-12.90	341.72	12.14	59.95	<lod< td=""><td>8.78</td><td>50.83</td><td>129.14</td><td>-2.97</td><td>115.34</td><td>51.21</td><td>63.94 177.28</td></lod<>	8.78	50.83	129.14	-2.97	115.34	51.21	63.94 177.28
WIM-3	Wimborne	Unprovenanced	558025.98	121549.86	55400.17	<lod< td=""><td>22934.78</td><td>21270.35</td><td>287.09</td><td>6527.56</td><td>25901.78</td><td>5.16</td><td>10.19</td><td>413.25</td><td>11.12</td><td>98.15</td><td><lod< td=""><td>12.49</td><td>70.02</td><td>128.68</td><td>-153.96</td><td>243.41</td><td>65.50</td><td>167.38 192.68</td></lod<></td></lod<>	22934.78	21270.35	287.09	6527.56	25901.78	5.16	10.19	413.25	11.12	98.15	<lod< td=""><td>12.49</td><td>70.02</td><td>128.68</td><td>-153.96</td><td>243.41</td><td>65.50</td><td>167.38 192.68</td></lod<>	12.49	70.02	128.68	-153.96	243.41	65.50	167.38 192.68
WIM-4	Wimborne	Unprovenanced	591436.41	129839.79	37998.59	<lod< td=""><td>12331.63</td><td>25791.62</td><td>110.81</td><td>6998.27</td><td>6962.30</td><td>40.71</td><td>-27.47</td><td>326.70</td><td>-7.24</td><td>72.79</td><td><lod< td=""><td>13.22</td><td>376.31</td><td>149.23</td><td>-33.77</td><td>82.23</td><td>37.08</td><td>68.98 296.58</td></lod<></td></lod<>	12331.63	25791.62	110.81	6998.27	6962.30	40.71	-27.47	326.70	-7.24	72.79	<lod< td=""><td>13.22</td><td>376.31</td><td>149.23</td><td>-33.77</td><td>82.23</td><td>37.08</td><td>68.98 296.58</td></lod<>	13.22	376.31	149.23	-33.77	82.23	37.08	68.98 296.58
WIM-5	Wimborne	Unprovenanced	660175.33	189312.94	60447.84	<lod< td=""><td>13450.65</td><td>26871.82</td><td>252.15</td><td>9918.03</td><td>2842.68</td><td>2.52</td><td>4.80</td><td>446.60</td><td>-6.63</td><td>115.30</td><td><lod< td=""><td>18.28</td><td>84.87</td><td>146.79</td><td>461.47</td><td>101.57</td><td>107.17</td><td>63.01 311.06</td></lod<></td></lod<>	13450.65	26871.82	252.15	9918.03	2842.68	2.52	4.80	446.60	-6.63	115.30	<lod< td=""><td>18.28</td><td>84.87</td><td>146.79</td><td>461.47</td><td>101.57</td><td>107.17</td><td>63.01 311.06</td></lod<>	18.28	84.87	146.79	461.47	101.57	107.17	63.01 311.06
WIM-6	Wimborne	Unprovenanced	632577.72	185664.11	41826.33	<lod< td=""><td>9454.30</td><td>23217.92</td><td>244.38</td><td>7579.06</td><td>2840.96</td><td>10.38</td><td>2.75</td><td>467.89</td><td>-4.34</td><td>72.25</td><td>34.72</td><td>14.52</td><td>97.26</td><td>151.84</td><td>-233.55</td><td>120.16</td><td>55.47</td><td>72.24 268.38</td></lod<>	9454.30	23217.92	244.38	7579.06	2840.96	10.38	2.75	467.89	-4.34	72.25	34.72	14.52	97.26	151.84	-233.55	120.16	55.47	72.24 268.38
WIM-7	Wimborne	Unprovenanced	591719.56	149012.17	34831.48	<lod< td=""><td>17636.44</td><td>24390.28</td><td>305.53</td><td>6463.03</td><td>29270.89</td><td>-5.31</td><td>4.38</td><td>424.16</td><td>10.29</td><td>49.01</td><td><lod< td=""><td>8.91</td><td>44.42</td><td>132.78</td><td>-63.53</td><td>162.34</td><td>38.43</td><td>161.44 186.95</td></lod<></td></lod<>	17636.44	24390.28	305.53	6463.03	29270.89	-5.31	4.38	424.16	10.29	49.01	<lod< td=""><td>8.91</td><td>44.42</td><td>132.78</td><td>-63.53</td><td>162.34</td><td>38.43</td><td>161.44 186.95</td></lod<>	8.91	44.42	132.78	-63.53	162.34	38.43	161.44 186.95
WIM-8	Wimborne	Unprovenanced	528292.37	136130.65	39150.08	<lod< td=""><td>29660.57</td><td>19825.38</td><td>357.32</td><td>6025.37</td><td>19422.53</td><td>-5.82</td><td>-9.05</td><td>308.80</td><td>12.20</td><td>59.27</td><td><lod< td=""><td>9.35</td><td>40.41</td><td>131.39</td><td>2669.56</td><td>109.75</td><td>33.93</td><td>93.44 180.53</td></lod<></td></lod<>	29660.57	19825.38	357.32	6025.37	19422.53	-5.82	-9.05	308.80	12.20	59.27	<lod< td=""><td>9.35</td><td>40.41</td><td>131.39</td><td>2669.56</td><td>109.75</td><td>33.93</td><td>93.44 180.53</td></lod<>	9.35	40.41	131.39	2669.56	109.75	33.93	93.44 180.53
WIM-9	Wimborne	Unprovenanced	544955.90	106930.79	51025.72	<lod< td=""><td>20470.68</td><td>21522.80</td><td>2336.30</td><td>6406.70</td><td>41009.12</td><td>3.79</td><td>0.46</td><td>404.10</td><td>11.26</td><td>70.05</td><td><lod< td=""><td>11.36</td><td>45.43</td><td>122.24</td><td>31.39</td><td>155.55</td><td>26.68</td><td>167.57 188.05</td></lod<></td></lod<>	20470.68	21522.80	2336.30	6406.70	41009.12	3.79	0.46	404.10	11.26	70.05	<lod< td=""><td>11.36</td><td>45.43</td><td>122.24</td><td>31.39</td><td>155.55</td><td>26.68</td><td>167.57 188.05</td></lod<>	11.36	45.43	122.24	31.39	155.55	26.68	167.57 188.05
WIM-10	Wimborne	Unprovenanced	513160.53	152749.22	33198.62	<lod< td=""><td>10136.77</td><td>22380.23</td><td>103.74</td><td>7749.92</td><td>12934.78</td><td>1245.51</td><td>-3.74</td><td>385.84</td><td>11.82</td><td>62.67</td><td>32.14</td><td>11.95</td><td>5319.12</td><td>138.26</td><td>41823.96</td><td>109.39</td><td>27.52</td><td>74.84 230.14</td></lod<>	10136.77	22380.23	103.74	7749.92	12934.78	1245.51	-3.74	385.84	11.82	62.67	32.14	11.95	5319.12	138.26	41823.96	109.39	27.52	74.84 230.14

Appendix X:

Plots of function scores for Discriminant Function Analysis 3 in Chapter 5

Plot of Discriminant Scores from functions 1 and 2 for unprovenaced samples DFA 3

Plot of Sample Similarity



Christchurch



Dorchester






Fordingbridge



Gillingham















Salisbury



Shaftesbury











Wilton



677

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Wimborne Minster
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Plot of Discriminant Scores from functions 1 and 3 for unprovenaced samples DFA 3

Plot of Sample Similarity



Christchurch



Dorchester







Fordingbridge



Gillingham









Poole



Salisbury



Shaftesbury



Southampton







Wilton



685

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Wimborne Minster
```



Plot of Discriminant Scores from functions 2 and 3 for unprovenaced samples DFA 3

Plot of Sample Similarity



Christchurch





-6

-4



Legend + East Worth -Unprovenanced

7

4



-1

Function 3

2





Gillingham







Poole



Salisbury





Southampton













Appendix XI:

Redware Samples of Probable South Dorset Origin

Summary

In 1974-5 John Beavis and Donald Young undertook fieldwalking in fields at East Holme, near Stoborough, Wareham, Dorset (Terry 1988). Here, 17-18th century pottery was identified, with a large amount being production waste. Both white- and redwares recovered were employed in this thesis as a control group with which to compare pottery across east Dorset, west Hampshire and south Wiltshire. Whiteware samples recovered from the area can be shown to possess a south Dorset origin as they share chemical similarity to nearby recovered clay samples, while the redware samples were shown to be of mixed provenance. Certain redware samples from East Holme can be shown to be visually and chemically similar to whiteware samples, or clay samples recovered from the surrounding area.

Pottery production at East Holme/Stoborough can be linked to a Thomas Dober (Dover?) in 1642 who is mentioned in Protestation Returns (Spoerry and Hart 1989, p.32). Spoerry and Hart (ibid) go on to state that this individual appears in a 1665 law suit where he is noted as a sixty year old potter. This family potentially gives its name to a 'Potter's Field' and nearby 'Dover's stream' (the former is named in the 1841 Tithe Map - *ibid*, p.32). Clay quarrying in the area is well attested (*ibid*, 32), and it is especially difficult in south Dorset to assign a purpose to any clay and sand removal as there are multiple potential uses for the extracted material, as clay from south Dorset was – and still is - particularly sought after (BCHS 2003).

The analyses in this study have shown one East Holme redware thin section petrography sample (EHR-14) out of the five taken is visually similar (bar matrix colour) to East Holme whitewares and a sample of white firing clay from nearby Trigon (North West of Wareham). In this study the sample was assigned as an uncertain redware as the chemical analysis results were not yet known. The remaining redware thin section samples can be attributed to other sources including Verwood and Horton areas – associated with production within the Verwood-type industry. The chemical analysis samples for the East Holme redware group is outlined below, which shows that five samples within the East Holme redware group share strong similarity to the Whitewares from the same production group, with two samples aligning with south Dorset medieval whiteware (Dorset Whitewares) from the Pound Lane kiln at Wareham. This shows that there is growing evidence for a post-medieval redware industry, but the products are not readily recognizable via basic fabric analysis when found alongside other post-medieval redwares.



Plate XI.1: Sample EHR14 prior to cutting thin section (Author's Own)



Fig. XI.1a (left): Photomicrograph of sample EHR14 in PPL. Fig. XI.1b (right): Photomicrograph of sample EHR14 in XP

Table XI.1: Results of DFA3 Group Prediction from Chemical Analysis Results using pXRF; Samples in Orange Share Similarity with East Holme Whitewares, Samples in Yellow Share Similarity with Dorset Whiteware from the Medieval Pound Lane, Ware-ham Pottery Kiln

punctandNot apply this action sampleParkly gived control gapseFail Name (M)ParklVescotings horsen)990000Disation Relations481 apply this action samplePerkly park of control gapseEarl Name (M)EM4Vescotings horsen)99000Disation RelationsAs a parkly this action samplePerkly park of control gapseEarl Name (M)EM4Vescotings horsen99000Disation RelationsAs a parkly this action samplePerkly park of control gapseEarl Name (M)EM4Usenmanad99000Disation RelationsNat a parkly this action samplePerkly park of control gapseEarl Name (M)EM4Usenmanad99000Disation RelationsNat a parkly this action samplePerkly park of control gapseEarl Name (M)EM4Usenmanad99000Disation RelationsNat a parkly this action samplePerkly park of control gapseEarl Name (M)EM1Usenmanad99000Disation RelationsNat a parkly this action samplePerkly park of control gapseEarl Name (M)EM119900099000Disation RelationsNat a parkly this action samplePerkly park of control gapseEarl Name (M)EM119900099000Disation RelationsNat apply this action samplePerkly park of control gapseEarl Name (M)EM1199000990000Disation RelationsNat apply this action samplePerkly park of control gapseEarl Name (M)EM119900000990000Disation RelationsNat apply this action samplePe	Initial Fabric Analysis	Thin Section Analysis	Type of Site	Site	Sample	Prediction	Percentage likelihood of predicted group membership
Ducation Releases Name a price from sections and processing of the sections of the sections from sections and processing from sections from sections and processing from sections and prom sectins and processing from sections and prom sections and pr	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR1	Verwood-type (Horton)	90%
Description Name Spectry the section sample Period y card corrend group East Name (NV) NB 20 Version Produced 99% Uncertain Reduces Nat a potery the section sample Period y pard corrend group East Name (NV) FR8 Upprovemanced 99% Uncertain Reduces Nat a potery the section sample Period y pard corrend group East Name (NV) FR8 Upprovemanced 47% Uncertain Reduces Nat a potery the section sample Period y pard corrend group East Name (NV) FR8 Upprovemanced 47% Uncertain Reduces Nat a potery the section sample Period y pard corrend group East Name (NV) FR8 Upprovemanced 47% Uncertain Reduces Nat a potery the section sample Period y pard corrend group East Name (NV) FR8 Upprovemanced 47% Uncertain Reduces Nat a potery the section sample Period y pard corrend group East Name (NV) FR8 Upprovemanced 47% Uncertain Reduces Nat a potery the section sample Period y pard corrend group East Name (NV) FR8 Versood Syst Nathaned 47%	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR2	Verwood-type (Horton)	82%
Description New A protect prime action sample Peakony part of control group East Holms (PM) HHM Uprovemmental 99% Description Most a poticy this sectors ample Peakony part of control group East Holms (PM) HHM Uprovemmental 99% Description Most a poticy this sectors ample Peakony part of control group East Holms (PM) FHR Uprovemmental 69% Description Most a poticy this sectors ample Peakony part of control group East Holms (PM) FHR Uprovemmental 69% Description Most a poticy this sectors ample Peakony part of control group East Holms (PM) FHR Versecoding Performance 69% Description Most a poticy this sectors ample Peakony part of control group East Holms (PM) FHR Versecoding Performance 69% Description Most a poticy this sectors ample Peakony part of control group East Holms (PM) FHR Versecoding Performance 69% Description Resource Most a poticy this sectors ample Peakony part of control group East Holms (PM) FHR Versecoding Performance 69% </td <td>Uncertain Redware</td> <td>Not a pottery thin section sample</td> <td>Previouly part of control group</td> <td>East Holme (RW)</td> <td>EHR3</td> <td>Verwood-type (Undefined)</td> <td>59%</td>	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR3	Verwood-type (Undefined)	59%
Spanne Radoram Na spattery the sector sample Periody part d'orning group East Hame (PV) PHS Uppresenced 09% Ducham Radoram Na s pottery the sector sample Periody part d'orning group East Hame (PV) PHS Uppresenced 49% Ducham Radoram Na s pottery the sector sample Periody part d'orning group East Hame (PV) EHS Uppresenced 49% Locatam Radoram Na s pottery the sector sample Periody part d'orning group East Hame (PV) EHS Uppresenced 49% Locatam Radoram Na s pottery the sector sample Periody part d'orning group East Hame (PV) EHS1 Uppresenced 49% Locatam Radoram Na s pottery the sector sample Periody part d'orning group East Hame (PV) EHS1 Vericed type Rudorad 49% Locatam Radoram Na s pottery the sector sample Periody part d'orning group East Hame (PV) EHS1 Vericed type Rudorad 49% Locatam Radoram Na s pottery the sector sample Periody part d'orning group East Hame (PV) EHS1 Vericed type Rudorad 49% Locatam Rado	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR4	Unprovenanced	34%
Substanti RelayationNet a pottry thin section arraybePendody paid a control groupEast Holms (MV)EHRUprosentanced972%Uncertain RelayationNet a pottry thin section arraybePendody paid a control groupEast Holms (MV)EHRUprosentanced0.65%Uncertain RelayationNet a pottry thin section arraybePendody paid a control groupEast Holms (MV)EHRUprosentanced0.65%Uncertain RelayationNet a pottry thin section arraybePendody paid a control groupEast Holms (MV)EHRUprosentanced0.65%Uncertain RelayationNet a pottry thin section arraybePendody paid a control groupEast Holms (MV)EHRUprosentanced0.67%Uncertain RelayationNet a pottry thin section arraybePendody paid a control groupEast Holms (MV)EHRUprosentanced0.67%Uncertain RelayationNet a pottry thin section arraybePendody paid a control groupEast Holms (MV)EHRUprosentanced0.67%Uncertain RelayationNet a pottry thin section arraybePendody paid a control groupEast Holms (MV)EHRWencot oppe (Murcharbo)4.07%Uncertain RelayationNet a pottry thin section arraybePendody paid a control groupEast Holms (MV)EHRWencot oppe (Murcharbo)4.07%Uncertain RelayationNet a pottry thin section arraybePendody paid a control groupEast Holms (MV)EHRWencot oppe (Murcharbo)4.07%Uncertain RelayationNet a pottry thin section arraybePendody paid a control groupEas	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR5	Unprovenanced	86%
Jaccatal RelayaNata pathery in section arappePendady part doming opoEarl Hame (M)EN2Uprovemance(49%)Loctatin RelayaNata pothery in section arappePendady part doming opoEarl Hame (M)EH3Uprovemance(47%)Loctatin RelayaNata pothery in section arappePendady part doming opoEarl Hame (M)EH3Uprovemance(47%)Loctatin RelayaNata pothery in section arappePendady part doming opoEarl Hame (M)EH3Versico Statute(47%)Loctatin RelayaNa pothery in section arappePendady part doming opoEarl Hame (M)EH31Versico Statute(47%)Loctatin RelayaNa pothery in section arappePendady part doming opoEarl Hame (M)EH31Versico Statute(47%)Loctatin RelayaNa pothery in section arappePendady part doming opoEarl Hame (M)EH31Versico Statute(47%)Loctatin RelayaNa pothery in section arappePendady part doming opoEarl Hame (M)EH31Versico Statute(47%)Loctatin RelayaNa pothery in section arappePendady part doming opoEarl Hame (M)EH31Versico Statute(47%)Loctatin RelayaNa pothery in section arappePendady part doming opoEarl Hame (M)EH31Versico Statute(47%)Loctatin RelayaNa pothery in section arappePendady part doming opoEarl Hame (M)EH32Versico Statute(47%)Loctatin RelayaNa pothery in section arappePendady part doming opoEarl Hame (M)<	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR6	Unprovenanced	72%
Juscatal RolawareNat a policy this action samplePeakody part dombi grappEnt Home (NV)EH8UncommodelUse anothy this action samplePeakody part dombi grappEast Home (NV)EH81UncommodelUnco	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR7	Unprovenanced	45%
Juncatala Nature priority this section sample Penaduy paint of control group East Holm (W) EHR Veronation (M) M 4 a portrary this section sample Penaduy paint of control group East Holm (W) EHR Veronation (M) M 4 a portrary this section sample Penaduy paint of control group East Holm (W) EHR Veronation (M) M 4 a portrary this section sample Penaduy paint of control group East Holm (W) EHR Veronation (M) M 4 a portrary this section sample Penaduy paint of control group East Holm (W) EHR Veronation (M) M 4 a portrary this section sample Penaduy paint of control group East Holm (W) EHR Veronation (M) M 4 a portrary this section sample Penaduy paint of control group East Holm (W) EHR Veronation (M) M 4 portrary this section sample Penaduy paint of control group East Holm (W) EHR Veronation (M) M 4 portrary this section sample Penaduy paint of control group East Holm (W) EHR Veronation (M) M 4 portrary this section sample Penaduy paint of control group East Holm (W) EHR Veronation (M) M 4 portrary this section sample Penaduy paint of control group East Holm (W) EHR Veronation	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR8	Unprovenanced	68%
Junctional ResidueNate optativy this section samplePreckuly part of control groupEast Name (NV)ErROUseroad (NV)Useroad (NV)	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR9	Verwood-type (Horton)	83%
Juncatain RealwareNate approxy this section samplePreckuly part of control groupEast Holme (RW)EHR1Version(Symp (Holdinge)94%Juncatain RealwareNot a pottray this section samplePreckuly part of control groupEast Holme (RW)EHR1Uppowarine CM67%Juncatain RealwareJuncatain RealwarePreckuly part of control groupEast Holme (RW)EHR1Version(Symp (Holdinge)64%Juncatain RealwareJuncatain RealwarePreckuly part of control groupEast Holme (RW)EHR1Version(Symp (Holdinge)64%Juncatain RealwareMs a pottry thin section samplePreckuly part of control groupEast Holme (RW)EHR1Version(Symp (Holdinge)64%Juncatain RealwareNs a pottry thin section samplePreckuly part of control groupEast Holme (RW)EHR1Version(Symp (Holdinge)64%Juncatain RealwareNs a pottry thin section samplePreckuly part of control groupEast Holme (RW)EHR2Version(Symp (Holdinge)64%Juncatain RealwareNs a pottry thin section samplePreckuly part of control groupEast Holme (RW)EHR2Version(Symp (Holdinge)64%Juncatain RealwareNs a pottry thin section samplePreckuly part of control groupEast Holme (RW)EHR2Version(Symp (Holdinge)64%Juncatain RealwareNs a pottry thin section samplePreckuly part of control groupEast Holme (RW)EHR2Version(Symp (Holdinge)64%Juncatain RealwareNs a pottry thin section samplePreckuly part of control group<	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR10	Unprovenanced	47%
Jonestain RevieweNot a pottery this section samplePenckup part of control groupEast Nome (W)FR12Verout Signal (M)M (M)Lincentain RevieweJonestain RevieweJonestain ReviewePenckup part of control groupEast Nome (W)PR14Dorestaving (M)PR14Lincentain RevieweNot a pottery this section samplePenckup part of control groupEast Nome (W)PR14Newcod type (Motor)PR14Lincentain RevieweNot a pottery this section samplePenckup part of control groupEast Nome (W)PR14Venckud part (M)PR14Lincentain RevieweNot a pottery this section samplePenckup part of control groupEast Nome (W)PR14Venckud part (M)PR14Lincentain RevieweNot a pottery this section samplePenckup part of control groupEast Nome (W)PR14Venckud part (M)PR14Lincentain RevieweNot a pottery this section samplePenckup part of control groupEast Nome (W)PR14Venckud part (M)PR14Lincentain RevieweNot a pottery this section samplePenckup part of control groupEast Nome (W)PR12Venckud part (M)PR14Lincentain RevieweNot a pottery this section samplePenckup part of control groupEast Nome (W)PR22Venckud part (M)PR14Lincentain RevieweNot a pottery this section samplePenckup part of control groupEast Nome (W)PR22Venckud part (M)PR14Lincentain RevieweNot a pottery this section samplePenckup part of control groupEast Nome (W) <t< td=""><td>Uncertain Redware</td><td>Not a pottery thin section sample</td><td>Previouly part of control group</td><td>East Holme (RW)</td><td>EHR11</td><td>Verwood-type (Horton)</td><td>94%</td></t<>	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR11	Verwood-type (Horton)	94%
Jacetain RedevaceNa patiety thin section samplePerskuly part d corted groupEast Home RVMPHR1DeprovementationDeprovementationLineatian RedevaceNat a potiety thin section samplePerskuly part d corted groupEast Home RVMEHR1Vencody per Hotnon)66%Lineatian RedvaceNat a potiety thin section samplePerskuly part d corted groupEast Home RVMEHR1Vencody per Hotnon)66%Lineatian RedvaceNat a potiety thin section samplePerskuly part d corted groupEast Home RVMEHR1Vencody per Hotnon)66%Lineatian RedvaceNat a potiety thin section samplePerskuly part d corted groupEast Home RVMEHR2Vencody per Undefinedil47%Lineatian RedvaceNat a potiety thin section samplePerskuly part d corted groupEast Home RVMEHR2Vencody per Undefinedil69%Lineatian RedvaceNat a potiety thin section samplePerskuly part d corted groupEast Home RVMEHR2Vencody per Home RVM69%Lineatian RedvaceNat a potiety thin section samplePerskuly part d corted groupEast Home RVMEHR2Vencody per Home RVM69%Lineatian RedvaceNat a potiety thin section samplePerskuly part d corted groupEast Home RVMEHR2Vencody per Home RVM69%Lineatian RedvaceNat a potiety thin section samplePerskuly part d corted groupEast Home RVMEHR2Vencody per Home RVM69%Lineatian RedvaceNat a potiety thin section samplePerskuly part d corted groupEast Home RVM </td <td>Uncertain Redware</td> <td>Not a pottery thin section sample</td> <td>Previouly part of control group</td> <td>East Holme (RW)</td> <td>EHR12</td> <td>Verwood-type (Undefined)</td> <td>98%</td>	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR12	Verwood-type (Undefined)	98%
Locatian Redware Decation Redware Period yp part d control group East Holme (RV) ERR1 Decative Vinitence - Post-modeled Series Licertain Redware Net a pottery thin section sample Periody part of control group East Holme (RV) ERR15 Veronockype (Horton) 6275. Licertain Redware Licertain Redware Develop yp of Control group East Holme (RV) ERR15 Veronockype (Horton) 6275. Licertain Redware Licertain Redware Net a pottery thin section sample Periody part of control group East Holme (RV) EHR20 Veronockype (Lindefred) 4776. Licertain Redware Net a pottery thin section sample Periody part of control group East Holme (RV) EHR20 Veronockype (Lindefred) 6976. Licertain Redware Net a pottery thin section sample Periody part of control group East Holme (RV) EHR20 Uncoreaniced 7776. Licertain Redware Net a pottery thin section sample Periody part of control group East Holme (RV) EHR23 Uncoreaniced 7776. Licertain Redware Net a pottery thin section sample Periody part of control group East	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR13	Unprovenanced	67%
JunctionName of pointy thin section samplePerskoly and control groupEast Holme (NU)EHR15Venocitype (Mont)64%Uncertain RedwareUncertain RedwarePerskoly part o control groupEast Holme (NU)EHR10Venocitype (Mont)47%Uncertain RedwareNa a pottry thin section samplePerskoly part o control groupEast Holme (NU)EHR10Venocitype (Mont)47%Uncertain RedwareNa a pottry thin section samplePerskoly part o control groupEast Holme (NU)EHR20Venocitype (Mont)67%Uncertain RedwareNa a pottry thin section samplePerskoly part o control groupEast Holme (NU)EHR20Venocitype (Mont)67%Uncertain RedwareNa a pottry thin section samplePerskoly part o control groupEast Holme (NU)EHR20Venocitype (Mont)67%Uncertain RedwareNa a pottry thin section samplePerskoly part o control groupEast Holme (NU)EHR20Venocitype (Mont)66%Uncertain RedwareNa a pottry thin section samplePerskoly part o control groupEast Holme (NU)EHR20Venocitype (Mont)67%Uncertain RedwareNa a pottry thin section samplePerskoly part o control groupEast Holme (NU)EHR20Venocitype (Mont)64%Uncertain RedwareNa a pottry thin section samplePerskoly part o control groupEast Holme (NU)EHR20Venocitype (Mont)64%Uncertain RedwareNa a pottry thin section samplePerskoly part o control groupEast Holme (NU)EHR20Venocitype (Mont) <td>Uncertain Redware</td> <td>Uncertain Redware</td> <td>Previouly part of control group</td> <td>East Holme (RW)</td> <td>EHR14</td> <td>Dorset Whiteware - Post-medieval (DWWPM)</td> <td>98%</td>	Uncertain Redware	Uncertain Redware	Previouly part of control group	East Holme (RW)	EHR14	Dorset Whiteware - Post-medieval (DWWPM)	98%
Lineartian Rodware Nate portary this section sample Pendudy part of control group East Holms (NU) EH11 Verwood-type (Pototon) 6274. Lineartian Rodware Nate portary this section sample Pendudy part of control group East Holms (NU) EH11 Verwood-type (Indefines) 4776. Lineartian Rodware Nate portary this section sample Pendudy part of control group East Holms (NU) EH12 Verwood-type (Indefines) 4976. Lineartian Rodware Nate portary thin section sample Pendudy part of control group East Holms (NU) EH22 Verwood-type (Indefines) 6976. Lineartian Rodware Nate portary thin section sample Pendudy part of control group East Holms (NU) EH22 Verwood-type (Indefines) 6976. Lineartian Rodware Nate portary thin section sample Pendudy part of control group East Holms (NU) EH22 Verwood-type (Indefines) 6976. Lineartian Rodware Nate portary thin section sample Pendudy part of control group East Holms (NU) EH22 Verwood-type (Indefines) 6976. Lineartian Rodware Nate portary thin secction sample Pendudy part of control group	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR15	Verwood-type (Horton)	84%
uncertain RedwareUncertain RedwarePrelody part o control groupEast Holme (RW)EH17Verso Decret Sondy were (WDSW)40%Uncertain RedwareNa a pottry thin section samplePrelody part o control groupEast Holme (RW)EH18Verwood-type (Undefined)47%Uncertain RedwareNavood-type (Harbing and Ademid)Prelody part o control groupEast Holme (RW)EH18Verwood-type (Undefined)99%Uncertain RedwareNavood-type (Harbing and Ademid)Prelody part o control groupEast Holme (RW)EH22Verwood-type (Undefined)66%Uncertain RedwareNa a pottry thin section samplePrelody part of control groupEast Holme (RW)EH22Verwood-type (Hotor)66%Uncertain RedwareNa a pottry thin section samplePrelody part of control groupEast Holme (RW)EH23Unpronenced67%Uncertain RedwareNa a pottry thin section samplePrelody part of control groupEast Holme (RW)EH23Unpronenced67%Uncertain RedwareNa a pottry thin section samplePrelody part of control groupEast Holme (RW)EH23Unpronenced67%Uncertain RedwareNa a pottry thin section samplePrelody part of control groupEast Holme (RW)EH23Unpronenced67%Uncertain RedwareNa a pottry thin section samplePrelody part of control groupEast Holme (RW)EH23Unortain section67%Uncertain RedwareNa a pottry thin section samplePrelody part of control groupEast Holme (RW)EH23Verwood-type	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR16	Verwood-type (Horton)	62%
Lineatian Redware Not a pottery thin section sample Previouty part of control group East Home (RW) EHR18 Verwood-type (Undefined) 94% Uncentain Redware Not a pottery thin section sample Previouty part of control group East Home (RW) EHR19 Verwood-type (Undefined) 99% Uncentain Redware Not a pottery thin section sample Previouty part of control group East Home (RW) EHR2 Verwood-type (Undefined) 99% Uncentain Redware Not a pottery thin section sample Previouty part of control group East Home (RW) EHR2 Verwood-type (Undefined) 69% Uncentain Redware Not a pottery thin section sample Previouty part of control group East Home (RW) EHR2 Verwood-type (Undefined) 69% Uncentain Redware Not a pottery thin section sample Previouty part of control group East Home (RW) EHR2 Verwood-type (Undefined) 69% Uncentain Redware Not a pottery thin section sample Previouty part of control group East Home (RW) EHR2 Verwood-type (Undefined) 64% Uncentain Redware Not a pottery thin section sample Previouty part of control group	Uncertain Redware	Uncertain Redware	Previouly part of control group	East Holme (RW)	EHR17	West Dorset Sandy ware (WDSW)	40%
Intertain Redware Nat a pottery thin section sample Previouty part of control group East Holme (RW) EHR19 Verwood-type (Undefined) 99% Uncertain Redware Verwood-type (Honting and Aldentit) Previouty part of control group East Holme (RW) EHR20 Verwood-type (Undefined) 99% Uncertain Redware Nat a pottery thin section sample Previouty part of control group East Holme (RW) EHR21 Oproveranced 76% Uncertain Redware Nat a pottery thin section sample Previouty part of control group East Holme (RW) EHR21 Oproveranced 66% Uncertain Redware Nat a pottery thin section sample Previouty part of control group East Holme (RW) EHR21 Uproveranced 66% Uncertain Redware Nat a pottery thin section sample Previouty part of control group East Holme (RW) EHR21 Verwood-type (Undefined) 64% Uncertain Redware Nat a pottery thin section sample Previouty part of control group East Holme (RW) EHR21 Verwood-type (Undefined) 64% Uncertain Redware Nat a pottery thin section sample Previouty part of control group East Holme	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR18	Verwood-type (Undefined)	47%
Uncertain Redware Verwood-type (Horting and Addentity sub-group 2a) Previouty part of control group East Holme (RW) EHR20 Verwood-type (Horton sub-group 1) Previouty part of control group East Holme (RW) EHR21 Darset Whiteware (DWW) 6885 Uncertain Redware Not a pottery thin section sample Previouty part of control group East Holme (RW) EHR23 Verwood-type (Horton) 6895 Uncertain Redware Not a pottery thin section sample Previouty part of control group East Holme (RW) EHR24 Unprovenanced 6975 Uncertain Redware Not a pottery thin section sample Previouty part of control group East Holme (RW) EHR23 Verwood-type (Undefined) 6476 Uncertain Redware Not a pottery thin section sample Previouty part of control group East Holme (RW) EHR23 Verwood-type (Undefined) 6476 Uncertain Redware Not a pottery thin section sample Previouty part of control group East Holme (RW) EHR23 Verwood-type (Undefined) 6476 Uncertain Redware Not a pottery thin section sample Previouty part of control group East Holme (RW) EHR23 Verwood-type (Undefined)	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR19	Verwood-type (Undefined)	95%
Uncertain Redware Verwood-type (Horton sub-group 1) Previouly part of control group East Holme (RW) EHR21 Darset Whiteware (DWW) 69% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR22 Unprovenanced 70% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR23 Unprovenanced 69% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR23 Unprovenanced 69% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR23 Unprovenanced 69% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR23 Unprovenanced 44% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR23 Unprovenanced 45% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR33	Uncertain Redware	Verwood-type (Harbridge and Alderholt sub-group 2b)	Previouly part of control group	East Holme (RW)	EHR20	Verwood-type (Undefined)	90%
Lucetain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR22Uprovenanced77%Uncetain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR24Uprovenanced66%Uncetain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR24Uprovenanced66%Uncetain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR24Uprovenanced66%Uncetain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR27Verwood-type (Undefined)64%Uncetain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR28Uprovenanced44%Uncetain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR29Uprovenanced66%Uncetain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR20Uprovenanced66%Uncetain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR23Verwood-type (Undefined)61%Uncetain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR34Verwood-type (Undefined)61%Uncetain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW) </td <td>Uncertain Redware</td> <td>Verwood-type (Horton sub-group 1)</td> <td>Previouly part of control group</td> <td>East Holme (RW)</td> <td>EHR21</td> <td>Dorset Whiteware (DWW)</td> <td>68%</td>	Uncertain Redware	Verwood-type (Horton sub-group 1)	Previouly part of control group	East Holme (RW)	EHR21	Dorset Whiteware (DWW)	68%
Uncertain Redware Net a pottery thin section sample Previoutly part of control group East Holme (RW) EHR23 Verwood-type (Horton) 69% Uncertain Redware Not a pottery thin section sample Previoutly part of control group East Holme (RW) EHR26 Unprovemanced 65% Uncertain Redware Not a pottery thin section sample Previoutly part of control group East Holme (RW) EHR26 Verwood-type (Undefined) 64% Uncertain Redware Not a pottery thin section sample Previoully part of control group East Holme (RW) EHR27 Verwood-type (Undefined) 64% Uncertain Redware Not a pottery thin section sample Previoully part of control group East Holme (RW) EHR28 Upropersanced 44% Uncertain Redware Not a pottery thin section sample Previoully part of control group East Holme (RW) EHR34 Verwood-type (Undefined) 61% Uncertain Redware Not a pottery thin section sample Previoully part of control group East Holme (RW) EHR34 Verwood-type (Undefined) 61% Uncertain Redware Not a pottery thin section sample Previouly part of control group	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR22	Unprovenanced	76%
Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW) EHR24 Unprovenanced 69% Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW) EHR25 (Unprovenanced) 64% Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW) EHR26 Verwood type (Undefined) 64% Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW) EHR28 DURWENU 64% Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW) EHR29 Uprovenanced 44% Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW) EHR31 Verwood-type (Undefined) 61% Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW) EHR31 Verwood-type (Undefined) 66% Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW)	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR23	Verwood-type (Horton)	68%
Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR25 Unprovenanced 75% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR26 Verwood-type (Undefined) 64% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR27 Verwood-type (Undefined) 64% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR28 Dorset Whiteware - Post-medical 45% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR30 Verwood-type (Undefined) 61% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR31 Verwood-type (Undefined) 61% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR33 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery thin section sample Previouly part of control grou	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR24	Unprovenanced	65%
Uncertain Redware Not a pottery this section sample Previouly part of control group East Holme (RW) EHR26 Verwood-type (Undefined) 64% Uncertain Redware Not a pottery this section sample Previouly part of control group East Holme (RW) EHR27 Verwood-type (Undefined) 99% Uncertain Redware Not a pottery this section sample Previouly part of control group East Holme (RW) EHR28 Uprovenanced 44% Uncertain Redware Not a pottery this section sample Previouly part of control group East Holme (RW) EHR28 Uprovenanced 45% Uncertain Redware Not a pottery this section sample Previouly part of control group East Holme (RW) EHR31 Verwood-type (Undefined) 61% Uncertain Redware Not a pottery this section sample Previouly part of control group East Holme (RW) EHR33 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery this section sample Previouly part of control group East Holme (RW) EHR34 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery this section sample Previouly part of control group E	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR25	Unprovenanced	75%
Uncertain Redware Not a pottery this section sample Prevoluy part of control group East Holme (RW) EHR27 Verwood-type (Undefined) 99% Uncertain Redware Not a pottery this section sample Prevoluy part of control group East Holme (RW) EHR28 Dorset Whiteware - Post-medieval 44% Uncertain Redware Not a pottery this section sample Prevoluy part of control group East Holme (RW) EHR28 Unprovenanced 45% Uncertain Redware Not a pottery this section sample Prevoluy part of control group East Holme (RW) EHR30 Werwood-type (Hoton) 51% Uncertain Redware Not a pottery this section sample Prevoluy part of control group East Holme (RW) EHR30 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery this section sample Prevoluy part of control group East Holme (RW) EHR34 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery this section sample Prevoluy part of control group East Holme (RW) EHR34 Verwood-type (Horton) 58% Uncertain Redware Not a pottery this section sample Prevoluy part of control group	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR26	Verwood-type (Undefined)	64%
Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR28 Drose Writeware - Post-medieval (DWWPM) 44% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR29 Unprovenanced 45% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR31 Verwood-type (Honton) 51% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR31 Verwood-type (Undefined) 66% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR32 Verwood-type (Undefined) 66% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR34 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR34 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery thin section sample Previouly part of control	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR27	Verwood-type (Undefined)	98%
Uncertain Redware Not a pottery thin section sample Prevouly part of control group East Holme (RW) EHR29 Unprovenanced 445% Uncertain Redware Not a pottery thin section sample Prevouly part of control group East Holme (RW) EHR30 West Dorset Sandy ware (WDSW) 35% Uncertain Redware Not a pottery thin section sample Prevouly part of control group East Holme (RW) EHR31 Verwood-type (Horton) 61% Uncertain Redware Not a pottery thin section sample Prevouly part of control group East Holme (RW) EHR33 Verwood-type (Indefined) 61% Uncertain Redware Not a pottery thin section sample Prevouly part of control group East Holme (RW) EHR33 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery thin section sample Prevouly part of control group East Holme (RW) EHR33 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery thin section sample Prevouly part of control group East Holme (RW) EHR37 Verwood-type (Undefined) 50% Uncertain Redware Not a pottery thin section sample Prevouly part of control group	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR28	Dorset Whiteware - Post-medieval (DWWPM)	44%
Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW) EHR30 West Dorset Sandy ware (WDSW) 35% Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW) EHR30 Verwood-type (Undefined) 61% Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW) EHR33 Verwood-type (Undefined) 66% Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW) EHR34 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW) EHR34 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW) EHR36 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW) EHR36 Verwood-type (Undefined) 50% Uncertain Redware Not a pottery thin section sample Prevoluty part of con	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR29	Unprovenanced	45%
Concertain RedwareNot a pottery thin section samplePrevoluty part of control groupEast Holme (RW)EHR31Verwood-type (Horton)51%Uncertain RedwareNot a pottery thin section samplePrevoluty part of control groupEast Holme (RW)EHR31Verwood-type (Undefined)61%Uncertain RedwareNot a pottery thin section samplePrevoluty part of control groupEast Holme (RW)EHR31Verwood-type (Undefined)68%Uncertain RedwareNot a pottery thin section samplePrevoluty part of control groupEast Holme (RW)EHR34Verwood-type (Undefined)69%Uncertain RedwareNot a pottery thin section samplePrevoluty part of control groupEast Holme (RW)EHR36Verwood-type (Undefined)69%Uncertain RedwareNot a pottery thin section samplePrevoluty part of control groupEast Holme (RW)EHR36Verwood-type (Horton)59%Uncertain RedwareNot a pottery thin section samplePrevoluty part of control groupEast Holme (RW)EHR38Verwood-type (Undefined)50%Uncertain RedwareNot a pottery thin section samplePrevoluty part of control groupEast Holme (RW)EHR38Verwood-type (Undefined)50%Uncertain RedwareNot a pottery thin section samplePrevoluty part of control groupEast Holme (RW)EHR38Verwood-type (Undefined)27%Uncertain RedwareNot a pottery thin section samplePrevoluty part of control groupEast Holme (RW)EHR40Dorset Whiteware - Post-mediealUncertain RedwareNot a pottery	Uncertain Redware	Not a pottery thin section sample	Previoully part of control group	East Holme (RW)	EHR30	West Dorset Sandy ware (WDSW)	35%
Uncertain Redware Not a pottery thin section sample Prevoluty part of control group East Holme (RW) EHR32 Verwood-type (Undefined) 68% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR32 Verwood-type (Undefined) 68% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR34 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR35 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR36 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR37 Verwood-type (Undefined) 50% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR39 Verwood-type (Undefined) 98% Uncertain Redware Not a pottery thin section sample Previouly part of control	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR31	Verwood-type (Horton)	51%
Constrain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR33 Verwood-type (Undefined) 68% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR34 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR34 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR36 Verwood-type (Undefined) 69% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR37 Verwood-type (Undefined) 50% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR33 Verwood-type (Undefined) 50% Uncertain Redware Not a pottery thin section sample Previouly part of control group East Holme (RW) EHR40 Dorset Whiteware (DWW) 27% Uncertain Redware Not a pottery thin section sample Previouly part of control gr	Uncertain Redware	Not a pottery thin section sample	Previouly part of control group	East Holme (RW)	EHR32	Verwood-type (Undefined)	61%
Concertain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR34Verwood-type (Undefined)99%Uncertain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR35Verwood-type (Undefined)69%Uncertain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR36Verwood-type (Undefined)69%Uncertain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR37Verwood-type (Undefined)50%Uncertain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR38Verwood-type (Undefined)50%Uncertain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR39Verwood-type (Undefined)50%Uncertain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR40Dorset Whiteware (DWW)27%Uncertain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR40Dorset Whiteware - Post-medieval35%Uncertain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR40Dorset Whiteware - Post-medievalUncertain RedwareNot a pottery thin section samplePreviouly part of control groupEast Holme (RW)EHR41Dorset Whiteware - Post-medievalUncertain RedwareNot a	Uncertain Redware	Not a pottery thin section sample	Previoully part of control group	East Holme (RW)	EHR33	Verwood-type (Undefined)	68%
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Uncertain Redware Uncertain Redware Previouly part of control group East Holme (RW) EHR49 Unprovenanced 64%	Uncertain Redware	Not a pottery thin section sample	Previoully part of control group	East Holme (RW)	EHR48	Dorset Whiteware - Post-medieval	86%
	Uncertain Redware	Uncertain Redware	Previouly part of control group	East Holme (RW)	EHR49	Unprovenanced	64%

Appendix XII: Verwood-Type Vessel Type Series

December 2020 D.Carter

Bottles 17th century (MPRG 1998 Form 3.2)



Fig. XII.1: Bartmann style - Potentially a Verwood area product from Dorchester.(taken Draper 1979a, Fig.44) Very similar to a fragment identified in Horsey (1992, Fig. 38. 150).

Bottles 18th century Onwards













Fig. XII.11: Medium - Poole, redrawn from Horsey (1992, Fig. 48.278)





Fig. XII.12: Rounded - Poole, redrawn from Horsey (1992, Fig. 48. 375)





Fig. XII.13: Rounded - Poole, redrawn from Horsey (1992, Fig. 60.558)

Fig. XII.14: Medium: -Corfe Castle, redrawn from Draper and Papworth (1997, Fig. 2.27)

Fig. XII.15: Pear-shaped – drawn from ALD3 archive

Jugs 19th century Onwards



Fig. XII.16 and XII.17: Both VER3, taken from AC archaeology Ltd. (forthcoming)

Fig. XII.18: Pear-shaped - VER4 redrawn from Young (1979. Fig. 47.56 (left) and Fig. XII.19 VER9 redrawn from *Ibid* Fig. 47.45 (right)) 701

Jars 17-18th century (MPRG 1998 Form 4.1)

a) Rounded



Fig. XII.20: HOR1, redrawn from Copland-Griffiths (1990, Fig. 5.57)



Fig. XII.22: HOR1,,redrawn from Copland-Griffiths (1990, Fig. 5.56)



Fig. XII.24: Poole , redrawn from Horsey (1992, Fig. 48.366)



Fig. XII.25: HOR1, redrawn from Copland-Griffiths (1990, Fig. 5.63)



Fig. XII.21: HOR1, redrawn from Copland-Griffiths (1990, Fig. 5.58)



Fig. XII.23: Poole, redrawn from Horsey (1992, Fig. 37.125)



⊐20cm

Jars 18-19th century



Fig. XII.30: Shaftesbury, redrawn from Draper (1988, Fig. 2.35)



Jars 19th century Onwards

a) Rounded





⊐ 20cm

Jars 19th century Onwards

b) Inturned/Cylindrical



Oil Jars 18-19th century (MPRG 1998 Form 4.1)



Fig. XII.36: HOL3 (left), and Fig. XII. 37: VER2 (right), both redrawn from Copland-Griffiths (1996, Fig. 6)

Handled Jars/Chamber Pots 17-18th century Onwards (MPRG 1998 Form 4.2.1)



Fig. XII.38: HOR1, redrawn from Copland-Griffiths (1990, Fig. 6.69)



Fig. XII.39: Poole, redrawn from Horsey (1992, Fig. 35.108)

Handled Jars/Chamber Pots 18-19th century Onwards (MPRG 1998 Form 4.2.1)





Basket Handled Jars 17-18th century Onwards (MPRG Form 4.2.2)



Fig. XII.42: HOR1, redrawn from Copland-Griffiths and Butterworth (1991, Fig. 5.21)

Pipkins (Footless) 17-18th century (MPRG Form 4.3)



Fig. XII.43: Poole, redrawn from Horsey (1992, Fig. 55.463)

_____ 20cm

Pipkins (with feet) 17-18th century (MPRG Form 4.3.1)



Fig. XII.44: Poole, redrawn from Horsey (1992, Fig. 36.118)



Fig. XII.45: HOR1, redrawn from Copland-Griffiths (1990, Fig. 7.86)



Fig. XII.46: Poole, redrawn Horsey (1992, Fig. 36.119)



Fig. XII.47: HOR1, after Copland-Griffiths (1990, Fig. 7.87)

Pipkins (with feet) 18-19th century



Fig. XII.48: VER3, taken from AC archaeology Ltd (forthcoming)
Bowls\Dishes 17-18th century (MPRG 1998 Form 5.1)

a) Biconical



Fig. XII.49: Poole, redrawn from Horsey (1992, Fig. 58.548)

b) Concave-sided

Fig. XII.50: Poole, redrawn from Horsey (1992, Fig. 59.526)

c) Flanged

Fig. XII.51: HOR1, redrawn from Copland-Griffiths (1990, Fig. 2.1)

Fig. XII.52: HOR1, redrawn from Copland-Griffiths (1990, Fig. 2.3)

Fig. XII.53: Poole, redrawn from Horsey (1992, Fig. 48.372)

Bowls\Dishes 17-18th century (MPRG 1998 Form 5.1)

d) Flared



Bowls\Dishes 17-18th century (MPRG 1998 Form 5.1)

f) Rounded



Bowls 18-19th century (MPRG 1998 Form 5.1)

a) Biconical



Fig. XII.66: HOR4, redrawn from Young (1979, Fig. 56.35)

b) Concave-sided



Fig. XII.67: VER4, drawn from archive

c) Flanged



Fig. XII.68: VER9, redrawn from Young (1979, Fig. 56.26)



Fig. XII.69: HOR4, redrawn from Young (1979, Fig. 56.25)



Fig. XII.70: HOR4, redrawn from Young (1979, Fig. 56.24)

□ 20cm

Bowls 18-19th century onwards (MPRG 1998 Form 5.1)

d) Flared



Fig. XII.71: ALD3, redrawn from Algar *et al.* 1987, Fig. 7.12



Fig. XII.72: VER4, drawn from archive



Fig. XII.73: HOR4, redrawn from Young (1979, Fig. 56.38)

e) Rounded



Spouted bowls 17-18th century (MPRG 1998 Form 5.1.8)



Fig. XII.80: Poole, redrawn from Horsey (1992, Fig.37.130)

Divided bowls 18th century onwards (MPRG 1998 Form 5.1.11)



Fig. XII.81: VER4 (19th - early 20th century), drawn from archive

Colanders 17th century onwards (MPRG 1998 Form 5.1.13)

a) Flared, often with change in angle



Fig. XII.82: VER3, taken from AC archaeology Ltd (forthcoming)



Fig. XII.83: Poole, redrawn from Horsey (1992, Fig. 45.298)

b) Flared with change in angle



20cm

Handled Bowls/Porringers 17-18th century (MPRG 1998 Form 5.2)

a) Rounded, often with change in angle



Fig. XII.85 (left) : HOR1, redrawn from Copland-Griffiths 1990, Fig.2.11; Fig. XII.86 (centre): *ibid* Fig. 2.12



Fig. XII.87: Southampton, redrawn from Platt and Coleman-Smith (1975, Fig. 169.778)

b) Shouldered



Fig. XII.88: Unprovenanced, redrawn from Algar *et al. (*1987, Fig. 7.10) c) Steep-/ Straight- sided



Fig. XII.89: Poole, redrawn from Horsey (1992, Fig. 44.272)

Handled Bowls/Porringers 19th century Onwards (MPRG 1998 Form 5.2)





Fig. XII.91: VER4, drawn from archive

_____ 20cm

Cups/Mugs/Tankards 17-18th century (MPRG 1998 Form 6)

a) Rounded





Fig. XII.92: HOR1, redrawn from Copland-Griffiths (1990, Fig. 2.8) fr

Fig. XII.93: HOR1, redrawn from Copland-Griffiths (1990, Fig. 2.9)



Fig. XII.95: Southampton, redrawn from Platt and



Fig. XII.94: HOR1, redrawn from Copland-Griffiths (1990, Fig. 2.10)



b) Flared





Fig. XII.97: HOR1, redrawn

from Copland-Griffiths

(1990, Fig. 2.7)



Fig. XII.98: HOR1, redrawn from Copland-Griffiths (1990, Fig. 2.5)

Fig. XII.96: HOR1, redrawn from Copland-Griffiths (1990, Fig. 2.4)

c) Cylindrical



Fig. XII.99: HOR1, redrawn from Copland-Griffiths (1990, Fig. 2.6)

Tygs 18th century



Fig. XII.100: ALD3, redrawn from Algar *et al.* (1987, Fig., 7.9)

20cm

Cups/Mugs/Tankards 18-19th century onwards (MPRG 1998 Form 6.3)

a) Rounded Cups





Fig. XII.101 (right) and XII.102 (left): VER3, taken from AC archaeology Ltd (forthcoming)

b) Flared



Fig. XII.103 (right) and XII.104 (left): VER3, taken from AC archaeology Ltd (forthcoming)

c) Cylindrical



Fig. XII.105: VER3, taken from AC archaeology Ltd (forthcoming)

Tygs 18-19th century



Fig. XII.106: VER3, taken from AC archaeology Ltd (forthcoming)

_____ 20cm

Candlesticks 17-18th century (MPRG 1998 Form 8.1)



Fig. XII.107: Poole, redrawn from Horsey 1992, (Fig. 45.300)

Candlesticks 19th century Onwards



Fig. XII.108: VER3, redrawn from Algar *et al.* (1987, Fig. 5.16)

Oil Lamps 17-19th century (MPRG 1998 Form 8.2)





Fig. XII.109 (left): Poole, redrawn from Horsey (1992, Fig. 56.482). Fig. XII.110 (right): *ibid* Fig. 68.782.



Fig. XII.111: Southampton, redrawn from Platt and Coleman-Smith (1975, Fig. 172.818)

□ 20cm

Chafing Dishes pre-17th to 18th century (MPRG 1998 Form 8.6)



Fig. XII.112: Southampton, redrawn from Platt and Coleman-Smith 1975, Fig. 165.706





Fig. XII.113: HOR1, redrawn from Copland-Griffiths (1990, Fig. 7.89)



Fig. XII.114 (left): Southampton, redrawn from Platt and Coleman-Smith (1975, Fig. 165.706). Fig. XII.115 (right): *ibid,* (Fig. 168.763)

Fuming Pots 17-18th century (MPRG 1998 Form 8.7)



Costrels 17-18th century (MPRG 1998 Form 10.7)



Fig. XII.120 (left): HOR1, redrawn from Copland-Griffiths (1990, Fig. 7.83) Fig. XII.121 (centre): Southampton, redrawn from Platt and Coleman-Smith (1975, Fig. 167.781) Fig. XII.122 (right): HOR1, redrawn from Copland-Griffiths (1990, Fig. 7.84)

Costrels 19th century onwards



Fig. XII.123: VER3, redrawn from Algar *et al.* (1987, Fig. 8.20)

Milk/Butter Churn (Butter pot) 17-18th century (MPRG 1998 Form 10.21)



Flower Pots 17-18th century (MPRG 1998 Form 10.14)



Fig. XII.128: Poole, redrawn from Horsey (1992, Fig. 45.291)

Fig. XII.129: Poole, redrawn from Horsey (1992, Fig. 45.295)

Flower Pots 18 - 19th century Onwards (MPRG 1998 Form 10.14)



Fig. XII.130 (left), XI.131 (centre) and XII.132 (right): All VER4, drawn from archive



Appendix XIII: Rouletting Identified on Verwood-Type Pottery Production Sites

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Fig. XIII.1: Examples of free hand rouletting from Horton (HOR1) - 17-18th century. All ¼ life size. All after Copland-Griffiths (1990, 73-81).



Fig. XIII.2: Examples of stamped rouletting from Crendell, Dorset (ALD3) - 18-19th century. All ½ life size.





Fig. XIII.4 (below): Examples of stamped rouletting identified by Young (1979) – Various sites in the Verwood area, all dated 18-20th century. All ½ life size. After Young (1979)



VER9, Young (1979, Fig. 55.5)



HOR4, Young (1979, Fig. 55.7)

Fig. XIII.5 (below): Examples of stamped rouletting from Verwood (VER3) - 18-20th century. All ½ life size



Fig. XIII.6 (below): Examples of stamped rouletting from Verwood (VER3) - 18-20th century. All ¼ life size. All from AC archaeology Ltd. (forthcoming)



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Fig. XIII.7 (below): Examples of stamped rouletting and horizontal combing from Black Hills, Verwood (VER4) - 19-20th century. All 1/2 life size



Fig. XIII.6 Cont. (below): Continuation of previous

Fig. XIII.8 (below): Examples of free hand rouletting from Crendell (ALD3) - 18-19th century. All ½ life size



Fig. XIII.9 (below): Examples of free hand rouletting from Edmonsham (EDM1) - 18-19th century. All ½ life size



Fig. XIII.10 (below): Examples of free hand rouletting from Verwood (VER3) - 18-20th century. All ½ life size



Appendix XIV: Source of Data for Verwood-Type Pottery Distributions

Sources for Fig. 126; 15-16th Century

Pie Charts

Fordingbridge, Hampshire: Harding and Light (2003) – 91% Poole, Dorset: Horsey (1992); Watkins (1994) – 15% Romsey, Hampshire: Russel and McDonald (2012) – 8% Salisbury, Wiltshire: Wessex Archaeology (1992) – 44%

Major Sites (Over 40% by weight and forms a significant part of the assemblage) East Worth, Verwood, Dorset: Carter (2021b) - 80% Wimborne Minster, Dorset: Coe and Hawkes (1991) – 53%

Minor Sites (less than 40% by weight and forms a small part of the assemblage) Christchurch, Dorset: Jarvis (1983) - <1% Gillingham, Dorset: AC archaeology Ltd. (In Prep) – 16% Hinton St Mary, Dorset: Wessex Archaeology (2001) - <1% Ringwood, Dorset: Avon Valley Archaeology Society (1990) - <1% Shaftesbury, Wiltshire: Robinson *et al.* (2016) - <1% Southampton, Hampshire: Platt and Coleman-Smith (1975) – 5% Wilton, Wiltshire: Andrews *et al.* (2001) - <1%

Sources for Fig. 127; 17-18th Century

Pie Charts

Andover, Hampshire: Pine and Porter (2015) – 49% Carisbrooke Castle, IOW: Young (2000) – 25% Fordingbridge, Hampshire: Harding and Light (2003) – 12% Poole, Dorset (Horsey 1992) – 70% Romsey, Hampshire: Russel and McDonald (2012) – 58% Salisbury, Wiltshire: Wessex Archaeology (1992) – 65% Southampton, Hampshire: Brown (2002) – 37% and Platt and Coleman-Smith (1975)

Major Sites

Abbotsbury, Dorset: Southern Archaeological Services (1999a) Amesbury, Wiltshire: Clutterbuck (2019) Blandford Forum, Dorset: Wessex Archaeology (2004a) Christchurch, Dorset: Jarvis (1983) Dorchester, Dorset: Smith (1993); Draper and Chaplin (1982); Woodward *et al.* (1993) Gillingham, Dorset: AC archeology Ltd. (In Prep) Havant, Hampshire: Southern Archaeological Services (1996) Lymington, Hampshire: Russel and Fedorowicz (2017) Portland Castle, Dorset: Stewart Brown Associates (2001) Portsmouth, Hampshire: Fox *et al.* (1986) Shaftesbury, Wiltshire: Robinson *et al.* (2016) Studland, Dorset: Robinson (2011) Sydling St Nicholas, Dorset: Trevarthen (2010) Wareham, Dorset: Milward (2017) Weymouth, Dorset: Brown *et al.* (2014) Wimborne Minster: Coe and Hawkes (1991)

Minor Sites Okehampton Castle, Devon: Allan and Perry (1982) Plymouth, Devon: Allan and Barber (1992) Winchester: Nichol (2021)

Sources for Fig. 128; 18-19th Century

Pie Charts

Andover, Hampshire: Pine and Porter (2015) – 12% Carisbrooke Castle, IOW: Young (2000) - – 25% Portsmouth, Hampshire: Fox *et al.* (1986) – "Dominant"; Sayer (2008) – 39% Trowbridge, Wiltshire: Graham and Davies (1993) – 42% Warminster, Wiltshire: Smith (1997) – 24%

Major and Minor Sites as listed in Fig. 128

- 1. Bishops Waltham, Hampshire: Barton (1969)
- 2. Brading, IOW: Author's Observations from Pottery recovered by K.Trott at Centurions Copse
- 3. Chickerell, Dorset: Randall (2020)
- 4. Chippenham, Wiltshire: Philips (2003)
- 5. Devizes, Wiltshire: Sanigar (2015)
- 6. Exeter, Devon: N. Payne (pers comm) Exeter Flood Defence Scheme
- 7. Ditcheat, Somerset: PAS:SOM-94D722
- 8. Frampton, Somerset: PAS: SOM-6ECDF1
- 9. Dogmersfield Park, near Hook, Hampshire: Wessex Archaeology (2001)
- 10. Horsington, Somerset: PAS: DOR-9FBCA6
- 11. Kings Somborne, Hampshire: Southern Archaeological Services (2002)
- 12. Martock, Somerset: Portable Antiquities Scheme (PAS): SOM-99AD67
- 13. Shapwick, Somerset: M359 in Gerrard and Aston (2007)
- 14. Tilshead, Wiltshire: Holley and Amadio (2011)
- 15. Wells, Somerset: D. Dawson (pers comm) Wells Museum Garden
- 16. Westbury, Wiltshire: Wessex Archaeology (2004b; 2004c)
- 17. Ludgershall Castle, Wiltshire: Ellis (2000)
- 18. Stoke Trister, Somerset: Wessex Archaeology (2011)
- 19. Sherborne, Dorset: Oakley (2002)
- 20. Bridport, Dorset: Bellamy (2005)
- 21. Winton, Dorset: Wessex Archaeology (2001)
- 22. Litton Cheney, Dorset: Wessex Archaeology (2010)
- 23. Shillingstone, Dorset: Archiva Archaeological Services (2004)
- 24. Lymington, Hampshire: Russel and Fedorowicz (2017)
- 25. Plaish Farm, Bowcobe, IOW: Trott, K., (In Prep)
- 26. Wimborne Minster, Dorset: Coe and Hawkes (1991)
- 27. Dorchester, Dorset: Draper and Chaplin (1982); Woodward et al. (1993)
- 28. Wareham, Dorset: Milward (2017)
- 29. Blandford Forum, Dorset: Wessex Archaeology (2004a)
- 30. Shaftesbury, Dorset: Robinson et al. 2016; Richards et al. (2020)
- 31. Studland, Dorset: Robinson (2011)
- 32. Weymouth, Dorset: Brown et al. (2014); Bellamy (2021)
- 33. Christchurch, Dorset: Jarvis (1983)

- 34. Southampton, Hampshire: Platt and Coleman-Smith (1975)
- 35. Romsey, Hampshire: Russel and McDonald (2012)
- 36. Poole, Dorset: Horsey (1992); Watkins (1994)
- 37. Fordingbridge, Hampshire: Harding and Light (2003)
- 38. Salisbury, Wiltshire: Wessex Archaeology (1992)
- 39. Gillingham, Dorset: Cox (1993); AC archaeology Ltd. (In Prep)
- 40. Winchester, Hampshire: Matthews (1983)
- 41. Corfe Castle, Dorset: Draper and Papworth (1997)
- 42. Gillingham, Dorset: Cox (1993)