

South Boreland, Dunragit, Dumfries & Galloway: Archaeological Evaluation Data Structure Report

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ARCHAEOLOGY

HERITAGE

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South Boreland, Dunragit, Dumfries & Galloway Archaeological Evaluation Data Structure Report

On Behalf of:

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Part of the RPS Group plc

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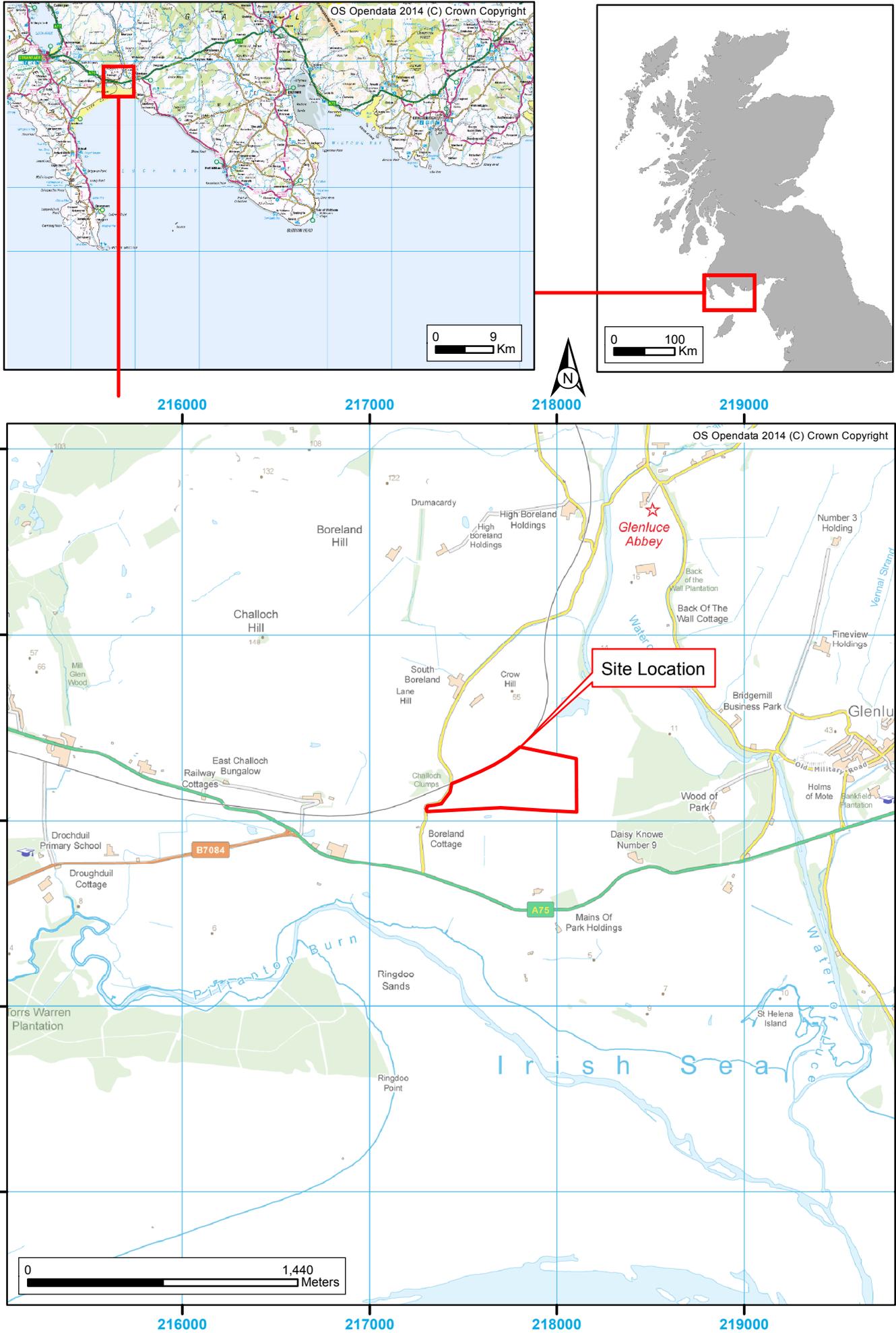


Figure 1: Site Location Plan

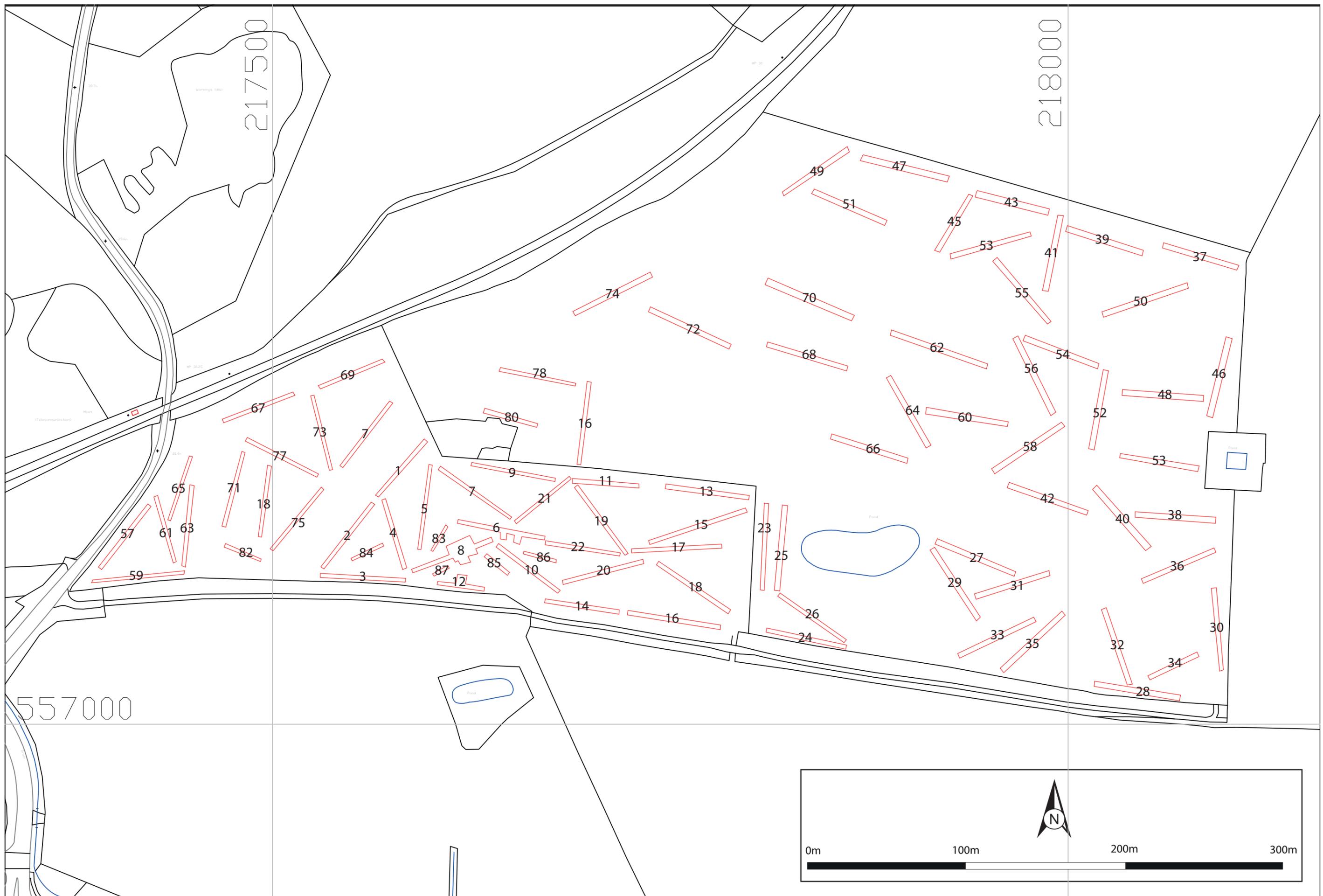


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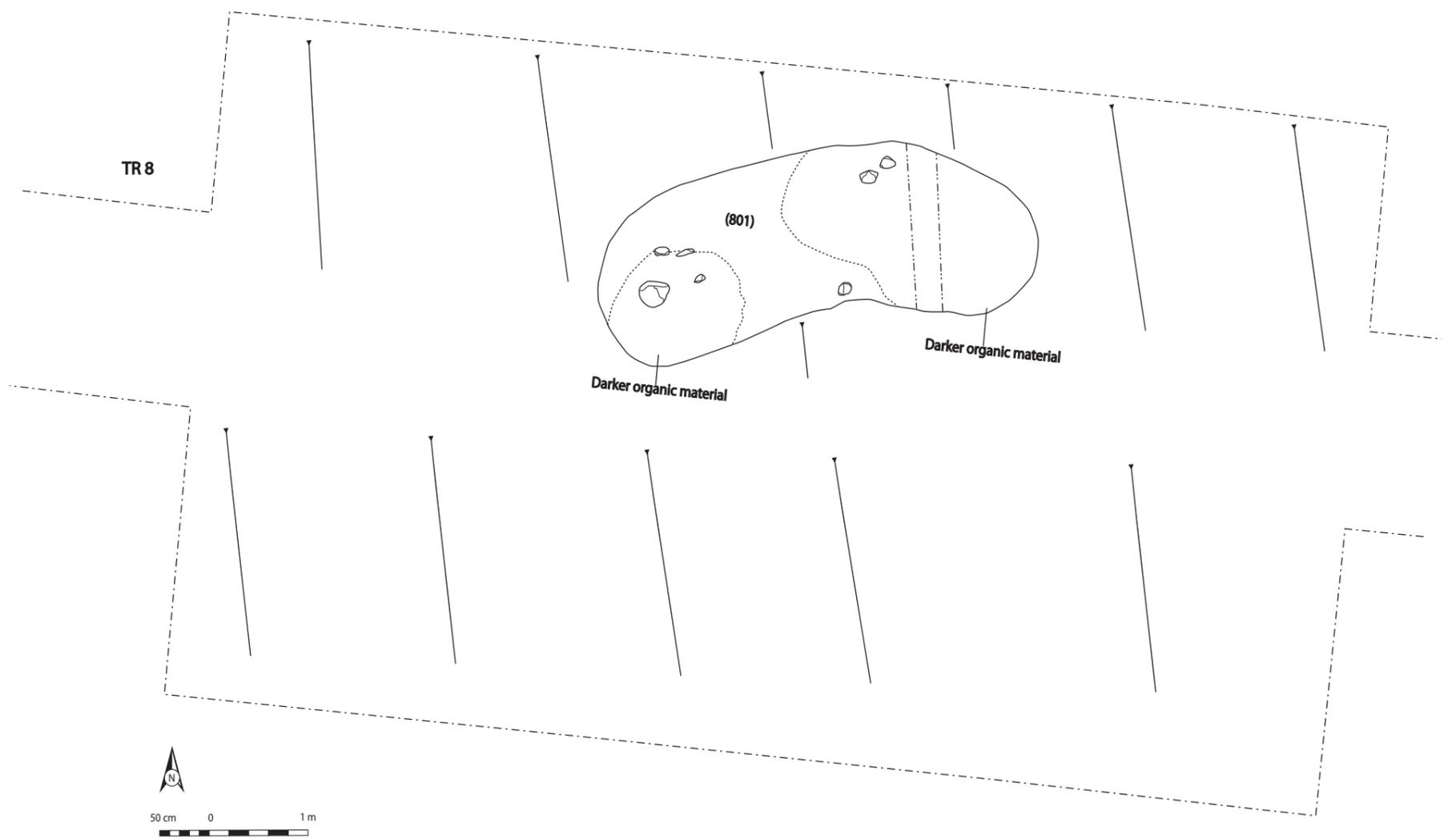


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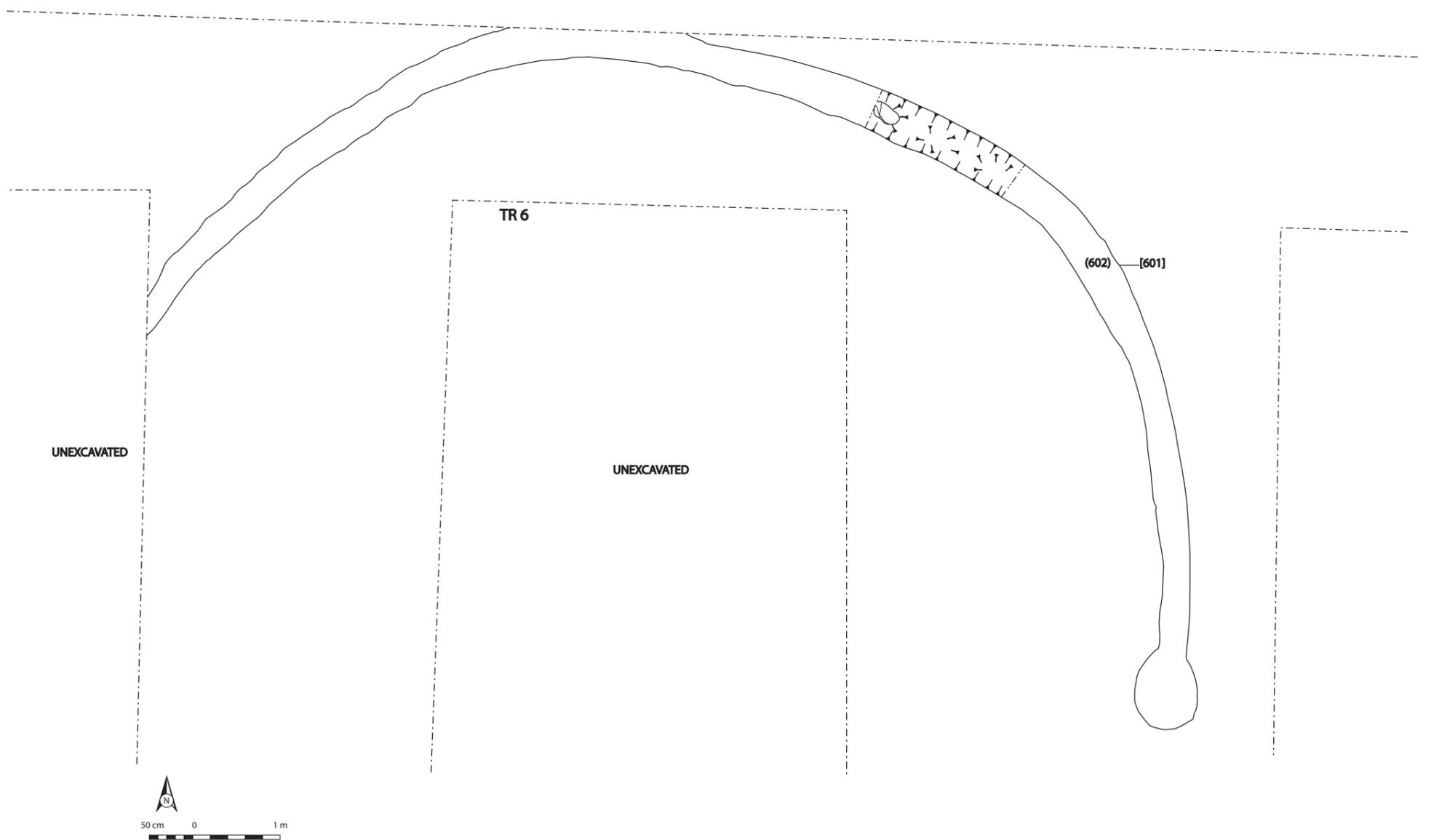


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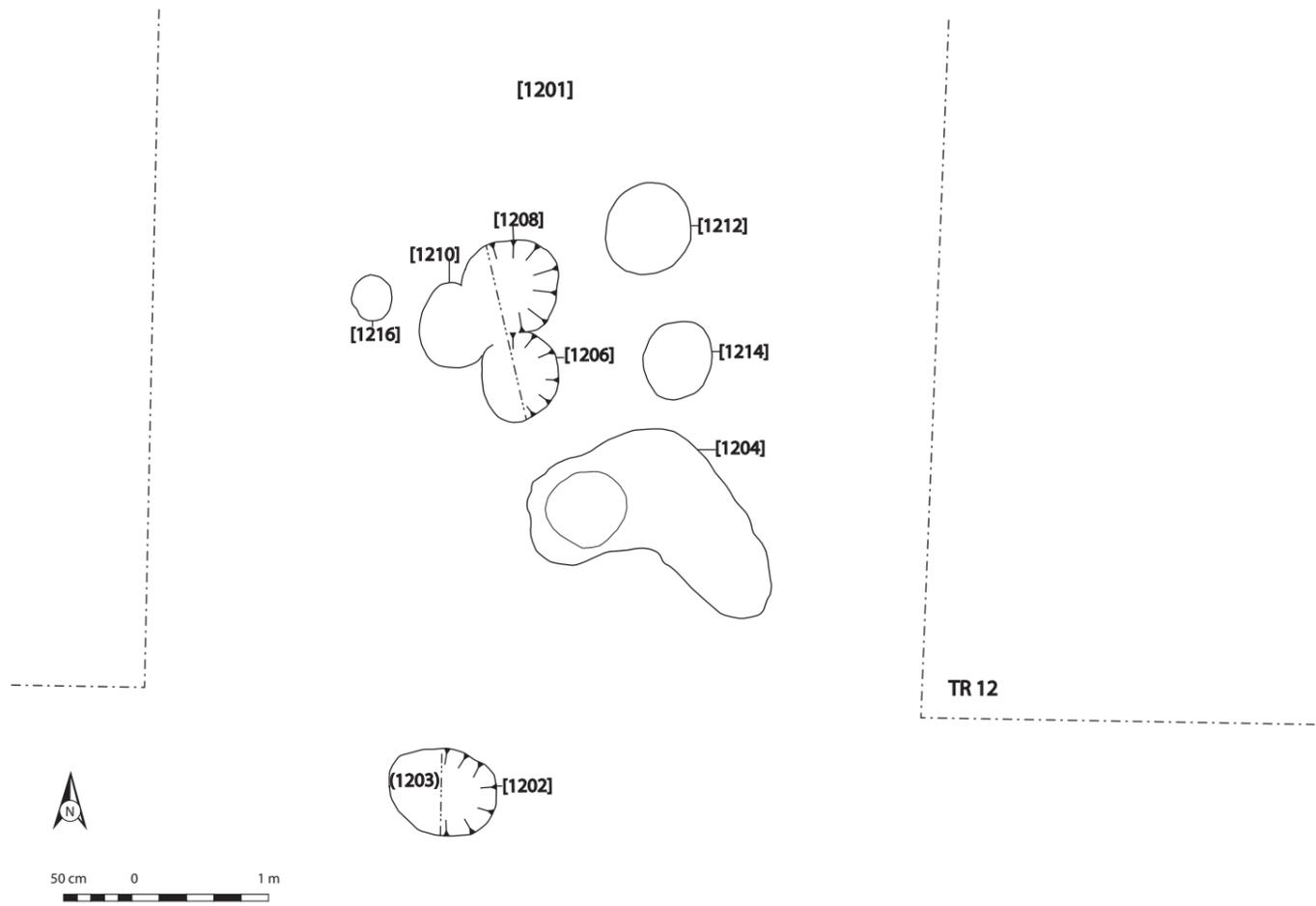


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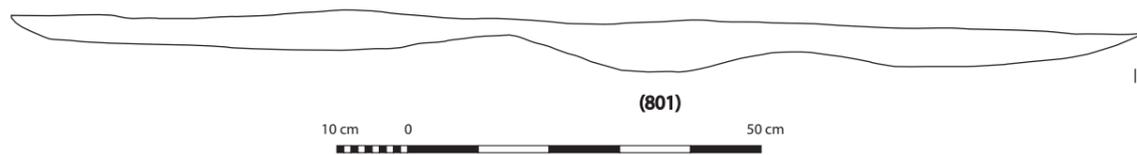


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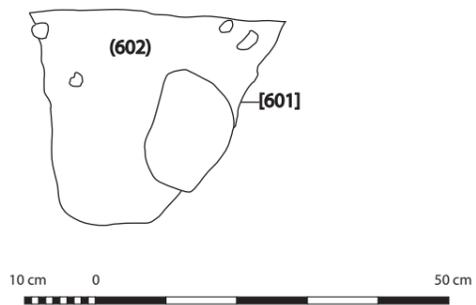


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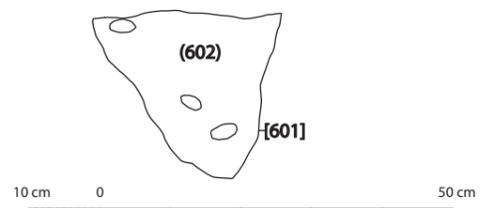


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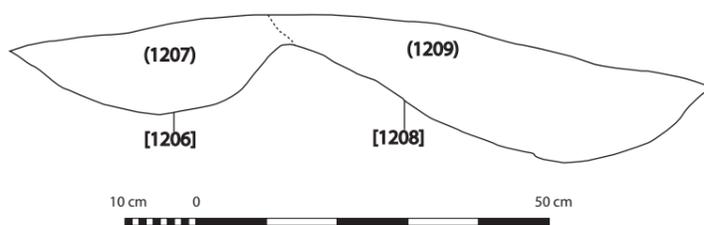


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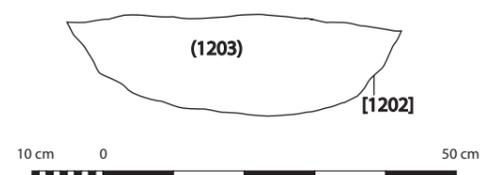


Figure 10: East facing section through pit [1202]

Abstract

This report presents the results of an archaeological evaluation undertaken to inform an EIA in respect to proposed mineral development at South Boreland, Dunragit, Dumfries & Galloway (centred on NGR: NX 17800 57190).

The evaluation was undertaken over an area of 10.64ha (the proposed development area covers some 16.80ha but areas of steeply sloping ground, standing water and around live services were excluded). An 8% (4,256 linear metres) sample of the evaluation area was investigated by trial trenching. The scope of the works was agreed in a WSI approved by the Dumfries and Galloway Archaeologist.

The evaluation revealed the presence of archaeological remains in the form of a later prehistoric ring-groove, a flint rich deposit of Mesolithic date and a cluster of truncated cremation pits or features. Fragments of cremated human bone and shards of decorated later prehistoric decorated ceramic were recovered from one of the cremation pits. The archaeological remains were localised, being restricted to a low rise at the edge of the coastal fringe. A single shard of unstratified post-medieval ceramic was also recovered from the topsoil in this area.

Topsoil was relatively thin across the site with pockets of colluvium occurring in many of the lower lying trenches. Sub-soil consisted of free draining sands and gravels.

1 INTRODUCTION

1.1 Background

1.1.1 A programme of archaeological works was undertaken by AOC Archaeology at South Boreland, Dunragit, Dumfries and Galloway. The works were commissioned by CgMs Consulting for Quarryplan on behalf of Breedon Aggregates. The works were part of an Archaeological and Cultural Heritage Assessment designed to inform an EIA in connection with proposed mineral development at South Boreland. The site lies within the administrative area of Dumfries & Galloway Council Council, which is advised on archaeological matters by Mr Andrew Nicholson. The archaeological works were conducted in accordance with the principles as set out in *Scottish Planning Policy* (2014) and *Planning and Archaeology 2/2011* (2011) and consisted of an archaeological evaluation by trial trenching. The works were undertaken in response to a Scoping Opinion (15/E/1/0002) produced by the Council and in accordance with a Written Scheme of Investigation (WSI) produced by CgMs (2015) and agreed with Mr Nicholson. The scope of the works has been supported and informed by an archaeological Desk Based Assessment (CgMs 2015).

1.1.2 The proposed development area (centred on NGR: NX 17800 57190; Figure 1) measures 16.80 ha in total. The topography of the site consists of three undulating terraces set to pasture, divided by wire fencing.

1.1.3 Archaeological remains were revealed during the evaluation. These consisted of a late prehistoric ring-groove feature, a flint rich spread deposit of Mesolithic date and a cluster of eight features associated with cremation remains. Fragments of cremated human bone and shards of decorated later prehistoric decorated ceramic were recovered from the cremation pits. The former was identified after an environmental assessment was undertaken following discussions with CgMs (Robertson this report). The main objective of this assessment was to recover any ecofacts and artefacts to further inform an assessment of the nature and character of the identified features.

1.1.4 The archaeological features were restricted to a low ridge at the southern boundary of the site along the edge of the coastal fringe.

1.2 Location

1.2.1 The site lies to the immediate north of the A75 Dunragit By-pass and is situated between the villages of Dunragit and Glenluce (Figure 1, centred on NX 17800 57190). The former Portpatrick to Dumfries Railway Line forms the site's southern boundary and a current rail line is located to the north-west. The site is bounded to the north and east by further agricultural land.

1.3 Archaeological background (Based on CgMs DBA Report)

1.3.1 There are no previously recorded designated or undesignated heritage assets within the site boundary. However, there is plentiful evidence of prehistoric activity and later activity within the surrounding area. Excavations undertaken in advance of the A75 Dunragit By-pass recorded a range

of prehistoric archaeology located to the south-west of the site, including a Mesolithic structure, Neolithic remains, and later prehistoric burials and settlement evidence.

- 1.3.2 To the south of the A75, excavations undertaken in advance of extraction at Whitecrook Quarry revealed two ring-groove roundhouses and a palisade. Other features suggested occupation ranging from the Neolithic to the Early Iron Age and associated with small finds of prehistoric pottery and metal working debris. To the south of Whitecrook is a record relating to a possible later Prehistoric enclosure.
- 1.3.3 19th century accounts provide further evidence of prehistoric activity within the area. A group of small, circular floors, presumably relating to former structures were recorded at the western edge of the Wood of Park, bisected by the Portpatrick Railway. These were associated with an artefact assemblage of late Prehistoric date.
- 1.3.4 Other 19th accounts relate to the finding of burial urns in the vicinity of Glenluce, some of which were in cists and cairns and are presumably Bronze Age in date. Other stray finds include: flint artefacts, a Bronze axe, and a blue glass bead described as Roman. A possible Roman coin hoard dating to the 3rd and 4th centuries was also attributed to the area. A Roman temporary camp enclosing an area of about 18ha is located to the east of the site at Glenluce, with a series of crop-marks interpreted as 49 small quarry pits indicating the line of a Roman Road
- 1.3.5 Later archaeological remains are known within the vicinity. To the east of the site within the vicinity of Glenluce was a medieval ecclesiastical burgh named Ballinlach erected in 1496 and belonging to the Abbey of Glenluce. The exact location of the burgh is at present unknown. The abbey itself was built toward the end of the 12th century and is a scheduled area.
- 1.3.6 Other medieval evidence includes a possible rectangular structure associated with a coin of James IV (1488-1513) located to the west of the Wood of Park. There is also a record relating to undated cultivation remains (rig and furrow) which may be medieval in date. The scheduled area known as Castle of Park consists of land surrounding a late 16th century standing tower house.
- 1.3.7 Post-Medieval and modern remains include the Castle of Park which is a scheduled monument and Category A listed building built by Thomas Hay of Park in 1590. Associated with this castle was a mill on the Water of Luce documented in the later 17th century. The Bridge of Park over the Water of Luce is situated immediately to the east. It is presumed to carry a military road that followed the line of the A75.
- 1.3.8 Post medieval farms both occupied and abandoned, are common within the area as shown on the first edition OS map (1850). Other records in the HER relate to railways created in the 19th century that bound the site to the north-west and south. The southern line is the disused Portpatrick to Dumfries line. A brick and tile manufactory was situated to the west.

2 OBJECTIVES

2.1 The objectives of the archaeological evaluation were:

- i) to determine the presence or absence of any buried archaeological remains that could be subject to disturbance during the proposed development;
- ii) to determine the nature, extent and importance of any remains present in order to inform the EIA (including mitigation proposals if appropriate).

3 METHODOLOGY

3.1 The details of the archaeological evaluation, laid out below, were designed to meet the requirements of Dumfries & Galloway Council as advised by Mr Andrew Nicholson, and agreed through the submission of a Written Scheme of Investigation (WSI) (CgMs 2015).

3.2 The proposed development area covers some 16.80 ha. A total of 6.16 ha was excluded from the archaeological investigation because it was occupied by areas around live services (principally overhead power lines), areas of standing water/wooded areas and steep slopes. Once subtracted an 8% sample of the remaining 10.64 ha area amounted to 4,256 linear metres of trenches excavated with a 2.0 m wide bucket.

3.3 The evaluation trenches were largely distributed as per an indicative trenching plan included in the WSI with a biased coverage across the lower southern area of the site closest to the archaeological remains found during works on the adjacent Dunragit by-pass. Trenches also targeted the flatter areas of the gravel terraces and the tops of undulations.

3.4 Trenches were opened by two tracked excavators equipped with 2.0 m wide bladed ditching buckets. Excavation was undertaken in units/spits until the first significant archaeological horizon or geological deposits were reached. All machine excavation was supervised by an experienced field archaeologist and undertaken according to AOC Archaeology Group's standard operating procedures, and the methodology within the agreed WSI (CgMs 2015). A site meeting was held with Mr Andrew Nicholson of Dumfries and Galloway Council and CgMs at a suitable point during the evaluation to discuss the results and agree any further work needed to achieve the aims of the evaluation. The meeting agreed the level of hand excavation required to satisfactorily test exposed features and the locations of several additional trenches to be excavated around exposed features. Any features excavated were covered with terram before the trenches were backfilled.

4 RESULTS

- 4.1 The archaeological evaluation was undertaken on the 17th-21st August 2015. Overall weather conditions were dry and visibility was good.
- 4.2 A total of 87 linear trenches were excavated (Figure 2). Following the site meeting noted above a further 75 m of linear trench was opened around the areas of exposed archaeology giving a total of 4330 linear metres.
- 4.3 The site consisted of three large fields set to pasture and divided by wire fencing. The fields were formed by three undulating gravel terraces which were orientated east to west. The south of the site lay at the edge of the coastal fringe and provided the most level ground. The fields ranged from 14 m to 38 m OD in height and consisted of overgrown rough pasture. The evaluation confirmed that the lower, southern area of the site had undergone limited cultivation in the relatively recent past with occasional field drains and plough scarring. The top-soil appeared relatively unimproved with very rare shards of 19th century white ceramic. The top-soil was a thin, loose, sandy loam and ranged from 0.10 m to 0.30 m in depth. The thinner depths of top-soil occurred on the slopes and flatter areas of the upper terraces. A variable deposit of colluvium was removed from the trenches situated at the base of the terraces and within the lower areas between undulations. The colluvium ranged from 0.20 m to 0.55 m in depth. The upper deposits overlaid geological glacial drift deposits of sands and gravels. The glacial nature of these deposits was tested by regular machine-dug sondage.



Plate 1 Trench 5 post-excavation



Plate 2 Trench 37 post-excavation

- 4.4 Archaeological remains were recorded on a low rise within the lower lying south of the site. These remains consisted of a flint rich deposit of Mesolithic date, eight features associated with cremation material, and a ring-groove feature with terminus assumed to be of later Prehistoric date. These remains were recorded and sampled.
- 4.5 Following the evaluation an environmental assessment was undertaken on the recovered archaeological samples after consultation with CgMs (Section 5) to further clarify the nature of the recorded features.

4.6 Ring Groove, [601], Trench 6

The excavation of Trench 6 revealed a curvilinear feature interpreted as a ring-groove and hence the probable remains of a structure of late prehistoric date. Though the feature was not fully exposed, the enlargement of the trench to the south revealed the ring-groove to be 12.0 m in diameter. A terminus 0.70 m in diameter was exposed to the south-east. The ring-groove was 0.25m to 0.40 m in width and ranged from 0.25 m to 0.32 m in depth. A section of the feature measuring 1m in length was hand excavated. The inner edge of the cut was almost vertical with a much more moderately sloping outer edge. The remains of three post bases were recorded within the base of the cut and several large packing stones were removed during excavation.



Plate 3 South-east facing section through ring-groove [601] showing packing stone

4.7 Mesolithic Deposit (801), Trench 8

- 4.7.1 An oval spread of mottled red/brown sandy silt mixed with patches of darker organic material was revealed within Trench 8. This deposit measured 4.50 m by 1.50 m in extent. A 0.30 m wide slot was excavated through the material revealing a depth ranging from 0.04 m to 0.12 m. The deposit was rich in flint debitage. An initial macroscopic study of the material identified a narrow blade technology of late Mesolithic date.
- 4.7.2 A total of 96 flint artefacts were recovered during the evaluation including 68 flint artefacts retrieved during the initial cleaning of the feature and a further 27 artefacts obtained during the excavation of the slot. A single secondary modified artefact was recorded in the form a small side scraper. Sixteen narrow blades were identified together with eight small platform cores. Other categories of debitage included primary, secondary and tertiary flakes, core face rejuvenation flakes and chunks. Given the nature of the associated lithic material it is possible that the deposit represents the remains of a lithic working area.



Plate 4 Mesolithic deposit (801) post clean



Plate 5 South-east facing section through (801)

4.8 Possible Cremation Pits [1202-1204-1206-1208-1210-1212-1214-1216], Trench 12

4.8.1 Eight truncated cut features were exposed clustered together within Trench 12. The majority of these contained homogenous, organic fills with significant amounts of burnt bone fragments and charcoal. Pits [1206] and [1208] were hand excavated and sampled at 50% whereas the outlying feature [1203] was fully hand excavated and the entire deposit retained. The features were all circular or sub-circular in plan with the majority ranging from 0.40 m to 0.60 m in diameter. The excavated features presented moderately sloping sides and rounded concave bases, with depths of between 0.13 m and 0.15 m. The fills of three of the pits [1206-1208-1210] appeared to merge in plan making their relationships unclear. The excavation of pits [1206-1208] did not clarify this to any great degree. The smaller feature [1216] situated to the west of this grouping may be a post-hole.



Plate 6 West facing sections through pits [1206-1208]

5 ENVIRONMENTAL ASSESSMENT (By Jackaline Robertson)

5.1 Introduction

5.1.1 Five bulk samples were submitted for environmental assessment from the evaluation undertaken at South Boreland, Dunragit, Dumfries and Galloway. The samples were collected from a ring groove feature, three small pits and a deposit rich in flint dated to the Mesolithic. The main objective of this assessment was to recover any ecofacts and artefacts to more fully establish the character of these features. The results are presented below.

5.2 Methodology

5.2.1 Given the presence of fragile burnt skeletal remains all five samples were dry sieved in laboratory conditions using a method designed to retrieve both environmental and artefactual finds. The samples were composed of a silty-sand and were slowly air dried before being stack sieved and subsequently sorted by eye. Three samples were sorted in their entirety and the two richest were sub-sampled by 50%.

5.3 Results

5.3.1 The results are presented below in Table 1.

5.3.2 Sample [602] taken from the fill of a feature described as a ring groove was sterile and is not discussed further.

5.3.3 Cremated remains; Cremated human remains were recovered from pits [1203], [1207] and [1209]. The fragments were concentrated in [1209]. Preservation of the bone ranged from poor to excellent and there were identifiable elements including skull, rib, vertebrae and phalanges. The fragments identified to element from contexts [1203] and [1209] are the most suitable sample material for obtaining radiocarbon dates.

5.3.4 Ceramic: Pit [1209] was the only feature from which ceramic was recovered and this is probably the remains of a later prehistoric decorated ceramic urn. These fragments include a decorated rim fragment, a base piece and body sherds of various sizes and condition.

5.3.5 Charcoal; Charcoal was noted in all three cremation pits and deposit [802]. The large concentration of charcoal from [1203] is the most secure material for radiocarbon dating, though its suitability is dependent on the wood species present. Small fragments of peat noted in [1203] and [1207] are interpreted as fuel material.

5.3.5.1 The finds from deposit [802] include a large number of flint flakes believed to date to the Mesolithic period and a small number of charcoal fragments suitable for C14 dating.

5.3.6 Table of Results

Feature	Context	Sample vol (l)	% Sort	Cremated SK	Ceramic	Charcoal	Burnt Peat	Flint	Stone (g)	Comments	Column1
R/D 601	602	16.4	100							Sterile	
Deposit 801	802	16.7	100			* (0.3g)		*** (81.4g)		Mesolithic	
Pit 1202	1203	15	50	**** (325.1g)		**** (49.3g)	* (2.1g)		* (1.8g)		
Pit 1206	1207	5.3	100	*** (11.8g)		** (2.1g)	(0.3g)				
Pit 1208	1209	18.2	50	**** (429.9g)	**** (167.8g)	* (0.3g)				Identifiable frags	
Key: *=<10, **=10-29, ***=30-100, ****=>100											
Weight given in grams in brackets											

5.4 Recommendations

The following elements of further work specific to the samples assessed will need to be included as part of any post excavation proposals associated with mitigation works at the site.

- The remaining retent material should be sorted to maximise recovery of the cremated remains, pottery, charcoal and burnt peat.
- The burnt skeletal remains should be analysed by an osteologist to determine MNI, age at death, gender, stature and pathology where possible. The osteologist can also select suitable material for radiocarbon dating.
- The pottery and flint should be repatriated with any subsequent finds/semblage and studied by relevant specialists.
- The charcoal should be identified to establish species. This will aid interpretation and establish the potential for radiocarbon dating.

6 CONCLUSION AND RECOMMENDATIONS

6.1 The proposed development site was subject to an archaeological evaluation as per the agreed WSI (CgMs 2015) and on-site discussions with the Dumfries and Galloway Archaeologist. The evaluation revealed a discrete, localised cluster of archaeological remains relating to activity dating from the Mesolithic and later prehistoric periods. The remains occurred in close proximity, situated on a low rise within the lower lying southern part of the site. Additional trenches were excavated around these features and they were established to be relatively restricted with regard to spatial extents. The features were all truncated and survived below the level of glacial deposits. They presented relatively simple stratigraphy and were of limited depth. Environmental assessment of the fills of several of the features retrieved some important material from the cremation pits and the Mesolithic spread; the ring groove appeared to be sterile. The area occupied by the features is on the edge of the coastal fringe and the remains should probably be seen as representing a continuation of material recorded during the works associated with the Dunragit by-pass to the south of the site. The remains relate to a probable late Mesolithic flint working area, a possible later Prehistoric structure (or roundhouse) and a small later Prehistoric cremation cemetery. Overall, the features seem best interpreted as representing occasional activity over a prolonged time period, Elsewhere the site was archaeologically sterile.

6.2 Given the findings of the evaluation it is likely that further mitigation measures will be required should the proposed development proceed. The scope of these mitigation measures are set out in the relevant chapter in the associated Environmental Statement.

7 BIBLIOGRAPHY

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Section 2: Appendices

APPENDIX 1: Trench Descriptions

Trench 1

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	SW-NE
<i>Topsoil</i>	0.30 m -0.35 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Dark orange sandy gravel
<i>Finds</i>	None

Trench 2

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NE - SW
<i>Topsoil</i>	0.29 m – 0.40 m
<i>Depth of Excavation</i>	0.32 m – 0.70 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 3

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	W-E
<i>Topsoil</i>	0.32 m
<i>Depth of Excavation</i>	0.35 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 4

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E-W
<i>Topsoil</i>	0.40 m – 0.64 m
<i>Depth of Excavation</i>	0.53 m – 0.68
<i>Significant Features</i>	None
<i>Other Features</i>	Calluvium deposit 0.30 m
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 5

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	S-N
<i>Topsoil</i>	0.35 m – 0.40 m
<i>Depth of Excavation</i>	0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 6

<i>Dimensions</i>	50 m by 2 m & 5 m by 5 m extension
<i>Orientation</i>	W-E
<i>Topsoil</i>	0.28 m
<i>Depth of Excavation</i>	0.31 m

<i>Significant Features</i>	Ring ditch 22 m [601] from West end and 15 m from East end. Approximately 12 m in diameter
<i>Other Features</i>	None
<i>Subsoil</i>	Orange/Brown sandy clay
<i>Finds</i>	None

Trench 7

<i>Dimensions</i>	50 m by 2m
<i>Orientation</i>	NW - SE
<i>Topsoil</i>	0.3 m
<i>Depth of Excavation</i>	0.4 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 8

<i>Dimensions</i>	50 m by 2 m & 10 m by 10 m extension
<i>Orientation</i>	SW-NE
<i>Topsoil</i>	0.25 m – 0.27 m
<i>Depth of Excavation</i>	0.31 m
<i>Significant Features</i>	Mesolithic pit spread (601) 33.20 m from SW end curving round to NE measuring 5.5 m by 1.55 m
<i>Other Features</i>	None
<i>Subsoil</i>	Light brown/orange sandy gravel
<i>Finds</i>	Large volume of flint (narrow blade industry) retrieved

Trench 9

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	W-E
<i>Topsoil</i>	0.30 m – 0.42 m
<i>Depth of Excavation</i>	0.45 m – 0.50 m
<i>Significant Features</i>	None
<i>Other Features</i>	Rubble field drain at 0 m running E-W
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 10

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NW - SE
<i>Topsoil</i>	0.25 m 0.30 m
<i>Depth of Excavation</i>	0.30 m – 0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Dark orange/mid brown sandy gravel
<i>Finds</i>	None

Trench 11

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	W-E
<i>Topsoil</i>	0.20 m – 0.25 m
<i>Depth of Excavation</i>	0.20 m - 0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 12

<i>Dimensions</i>	50 m by 2 m with 10 m by 10 m extension
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<i>Orientation</i>	W-E
<i>Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.31 m
<i>Significant Features</i>	Eight pits and post-holes [1202-1216] containing burnt bone 12 m from W end.
<i>Other Features</i>	None
<i>Subsoil</i>	Light brown/orange sandy gravel
<i>Finds</i>	None

Trench 13

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	W-E
<i>Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 14

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	W-E
<i>Topsoil</i>	0.44 m – 0.46 m
<i>Depth of Excavation</i>	0.46 m – 0.50 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Light brown/orange sandy gravel
<i>Finds</i>	None

Trench 15

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NW - SE
<i>Topsoil</i>	0.25 m – 0.30m
<i>Depth of Excavation</i>	0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid brown/orange sandy gravel
<i>Finds</i>	None

Trench 16

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	W-E
<i>Topsoil</i>	0.35 m - 0.40 m
<i>Depth of Excavation</i>	0.38 m – 0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 17

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	W-E
<i>Topsoil</i>	0.40 m
<i>Depth of Excavation</i>	0.50 m
<i>Significant Features</i>	Pit at 6.30 m from W end, oval 1.0 m x 0.6 m (possible stone hole). Pit at 16 m 1.0 m x 1.50 m
<i>Other Features</i>	None
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 18

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NW-SE
<i>Topsoil</i>	0.18 m – 0.42 m
<i>Depth of Excavation</i>	0.21 m – 0.49 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Light brown/mid orange sandy gravel
<i>Finds</i>	None

Trench 19

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	SW - NE
<i>Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.40 m – 0.60 m
<i>Significant Features</i>	None
<i>Other Features</i>	0.2 m colluvium
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 20

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NE - SW
<i>Topsoil</i>	0.27 m – 0.37 m
<i>Depth of Excavation</i>	0.30 m – 0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid brown/orange sandy gravel
<i>Finds</i>	None

Trench 21

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NW - SE
<i>Topsoil</i>	0.10 m
<i>Depth of Excavation</i>	0.10 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid brown/orange compacted sands and gravels
<i>Finds</i>	None

Trench 22

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E-W
<i>Topsoil</i>	0.28 m – 0.30 m
<i>Depth of Excavation</i>	0.36 m – 0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid brown/orange sandy gravel
<i>Finds</i>	Unstratified white ceramics within topsoil

Trench 23

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	N-S
<i>Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.40 – 0.60 m

<i>Significant Features</i>	None
<i>Other Features</i>	Colluvium 0.20 m
<i>Subsoil</i>	Mid brown/orange sandy clay
<i>Finds</i>	None

Trench 24

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	W-E
<i>Topsoil</i>	0.31 m - 0.38 m
<i>Depth of Excavation</i>	0.37 m – 0.41 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Light brown/yellow compacted sands and gravels
<i>Finds</i>	None

Trench 25

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	N-S
<i>Topsoil</i>	0.32 m – 0.40 m
<i>Depth of Excavation</i>	0.40 m – 0.50 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange sands and gravels
<i>Finds</i>	None

Trench 26

<i>Dimensions</i>	50 m by 2m
<i>Orientation</i>	NW - SE
<i>Topsoil</i>	0.12 m – 0.42 m
<i>Depth of Excavation</i>	0.14 m – 0.48 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Light/mid brown sandy gravel
<i>Finds</i>	None

Trench 27

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	W-E
<i>Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.50 m -0.60 m
<i>Significant Features</i>	None
<i>Other Features</i>	0.10 m – 0.20 m of colluvium
<i>Subsoil</i>	Mid brown/orange sandy gravel
<i>Finds</i>	None

Trench 28

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E-W
<i>Topsoil</i>	0.10 m – 0.48 m
<i>Depth of Excavation</i>	0.12 m – 0.50 m
<i>Significant Features</i>	None
<i>Other Features</i>	None

Subsoil Mid yellow compacted sand
Finds None

Trench 29

Dimensions 50 m by 2 m
Orientation NW-SE
Topsoil 0.20 m
Depth of Excavation 0.40 m
Significant Features Pit at 16.20 m, 6.80 m in diameter
Other Features None
Subsoil Orange/Brown sandy clay
Finds None

Trench 30

Dimensions 50 m by 2 m
Orientation S-N
Topsoil 0.33 m – 0.50 m
Depth of Excavation 0.36 m – 0.56 m
Significant Features None
Other Features None
Subsoil Light orange compacted sands
Finds None

Trench 31

Dimensions 50 m by 2 m
Orientation SW -Ne
Topsoil 0.25 m
Depth of Excavation 0.35 m
Significant Features None
Other Features None
Subsoil Mid orange sand to 8 m then a mix of sands and gravels
Finds Unstratified white ceramics within topsoil

Trench 32

Dimensions 50 m by 2 m
Orientation NNW - SSE
Topsoil 0.18 m – 0.27 m
Depth of Excavation 0.20 m – 0.30 m
Significant Features None
Other Features None
Subsoil Light brown compacted sands changing to orange sandy gravel
Finds None

Trench 33

Dimensions 50 m by 2m
Orientation NE-SW
Topsoil 0.30 m
Depth of Excavation 0.60 m
Significant Features None
Other Features None
Subsoil Mid orange sand
Finds None

Trench 34

<i>Dimensions</i>	50 m by 2m
<i>Orientation</i>	NE - SW
<i>Topsoil</i>	0.30 m – 0.32 m
<i>Depth of Excavation</i>	0.32 m – 0.38 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Light brown compacted sand
<i>Finds</i>	None

Trench 35

<i>Dimensions</i>	50 m by 2m
<i>Orientation</i>	SW - NE
<i>Topsoil</i>	0.20 m – 0.30 m
<i>Depth of Excavation</i>	0.40 m - 0.50 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid orange compacted sands
<i>Finds</i>	None

Trench 36

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NE-SW
<i>Topsoil</i>	0.18 m – 0.28 m
<i>Depth of Excavation</i>	0.20 m – 0.36 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Light brown sandy gravel
<i>Finds</i>	None

Trench 37

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E-W
<i>Topsoil</i>	0.15 m – 0.20 m
<i>Depth of Excavation</i>	0.20 m – 0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid brown sandy gravel
<i>Finds</i>	None

Trench 38

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E-W
<i>Topsoil</i>	0.19 m – 0.27 m
<i>Depth of Excavation</i>	0.20 m – 0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 39

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E-W

<i>Topsoil</i>	0.15 m – 0.20 m
<i>Depth of Excavation</i>	0.20 m – 0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange/light brown sandy gravel
<i>Finds</i>	None

Trench 40

<i>Dimensions</i>	50 m by 2m
<i>Orientation</i>	NE-SW
<i>Topsoil</i>	0.22 m – 0.33 m
<i>Depth of Excavation</i>	0.28 m – 0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Light brown sand changing too dark brown sandy gravel
<i>Finds</i>	None

Trench 41

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	N-S
<i>Topsoil</i>	0.10 m – 0.20 m
<i>Depth of Excavation</i>	0.20 m – 0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid brown sandy gravel
<i>Finds</i>	None

Trench 42

<i>Dimensions</i>	50 m by 2m
<i>Orientation</i>	E-W
<i>Topsoil</i>	0.36 m – 0.38 m
<i>Depth of Excavation</i>	0.42 m – 0.43 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid brown/orange sandy gravel
<i>Finds</i>	None

Trench 43

<i>Dimensions</i>	50 m by 2m
<i>Orientation</i>	E-W
<i>Topsoil</i>	0.20 m
<i>Depth of Excavation</i>	0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Light orange sandy gravel
<i>Finds</i>	None

Trench 44

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E-W
<i>Topsoil</i>	0.37 m – 0.58 m
<i>Depth of Excavation</i>	0.40 m – 0.65 m
<i>Significant Features</i>	None

<i>Other Features</i>	None
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 45

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	N-S
<i>Topsoil</i>	0.20 m – 0.30 m
<i>Depth of Excavation</i>	0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 46

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NNE - SSW
<i>Topsoil</i>	0.17 m – 0.36 m
<i>Depth of Excavation</i>	0.19 m – 0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Light brown sandy gravel
<i>Finds</i>	None

Trench 47

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E-W
<i>Topsoil</i>	0.20 m
<i>Depth of Excavation</i>	0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid brown orange gravel
<i>Finds</i>	None

Trench 48

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E-W
<i>Topsoil</i>	0.18 m – 0.20 m
<i>Depth of Excavation</i>	0.20 m – 0.32 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Light brown orange sandy gravel with occasional concentrations of yellow sand
<i>Finds</i>	None

Trench 49

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E-W
<i>Topsoil</i>	0.20 m – 0.30 m
<i>Depth of Excavation</i>	0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid brown sandy gravel
<i>Finds</i>	None

Trench 50

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E-W
<i>Topsoil</i>	0.34 m – 0.58 m
<i>Depth of Excavation</i>	0.40 m – 0.61 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Light brown sandy gravel turning slightly clayey at W end
<i>Finds</i>	None

Trench 51

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NW - SE
<i>Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 52

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	N-S
<i>Topsoil</i>	0.20 m – 0.41 m
<i>Depth of Excavation</i>	0.25 m – 0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Light brown sandy gravel turning slightly clayey at W end
<i>Finds</i>	None

Trench 53

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	SW-NE
<i>Topsoil</i>	0.20 m
<i>Depth of Excavation</i>	0.25 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid brown sandy gravel
<i>Finds</i>	None

Trench 54

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E-W
<i>Topsoil</i>	0.30 m – 0.40 m
<i>Depth of Excavation</i>	0.34 m – 0.46 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid orange sandy gravel
<i>Finds</i>	None

Trench 55

<i>Dimensions</i>	50 m by 2 m
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<i>Orientation</i>	SE-NW
<i>Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Dark brown sandy gravel
<i>Finds</i>	None

Trench 56

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NW-SE
<i>Topsoil</i>	0.28 m – 0.57 m
<i>Depth of Excavation</i>	0.30 m – 0.60 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Light brown compacted sands with patches of orange gravel
<i>Finds</i>	None

Trench 57

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	SW-Ne
<i>Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Dark orange sandy gravel
<i>Finds</i>	None

Trench 58

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NE-SW
<i>Topsoil</i>	0.18 m – 0.38 m
<i>Depth of Excavation</i>	0.20 m – 0.41 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Light brown sandy gravel changing to dark brown sandy gravel
<i>Finds</i>	None

Trench 59

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	W-E
<i>Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	Colluvium 0.10 m – 0.20 m in depth at 20 m to 30 m
<i>Subsoil</i>	Dark orange sandy gravel
<i>Finds</i>	None

Trench 60

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E-W
<i>Topsoil</i>	0.18 m – 0.31 m
<i>Depth of Excavation</i>	0.20 m – 0.33 m
<i>Significant Features</i>	None
<i>Other Features</i>	None

Subsoil Mid/dark brown sandy gravel
Finds None

Trench 61

Dimensions 50 m by 2 m
Orientation SSE - NNW
Topsoil 0.20 m – 0.30 m
Depth of Excavation 0.30 m – 0.45 m
Significant Features None
Other Features None
Subsoil Dark brown sandy gravel
Finds None

Trench 62

Dimensions 50 m by 2 m
Orientation NW-SE
Topsoil 0.44 m – 0.60 m
Depth of Excavation 0.48 m – 0.67 m
Significant Features None
Other Features None
Subsoil Light orange sandy clay
Finds None

Trench 63

Dimensions 50 m by 2 m
Orientation S-N
Topsoil 0.20 m
Depth of Excavation 0.30 m
Significant Features None
Other Features None
Subsoil Mid/dark brown sandy gravel
Finds None

Trench 64

Dimensions 50 m by 2 m
Orientation NW-SE
Topsoil 0.18 m – 0.52 m
Depth of Excavation 0.17 m – 0.58 m
Significant Features None
Other Features None
Subsoil Dark brown sandy gravel
Finds None

Trench 65

Dimensions 50 m by 2 m
Orientation SW-NE
Topsoil 0.20 m
Depth of Excavation 0.30 m
Significant Features None
Other Features None
Subsoil Mid orange/brown sandy gravel
Finds None

Trench 66

Dimensions 50 m by 2 m

<i>Orientation</i>	E-W
<i>Topsoil</i>	0.20 m – 0.28 m
<i>Depth of Excavation</i>	0.22 m – 0.30 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid/dark brown sandy gravel
<i>Finds</i>	None

Trench 67

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NE-SW
<i>Topsoil</i>	0.20 m – 0.41 m
<i>Depth of Excavation</i>	0.25 m – 0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid brown sandy gravel
<i>Finds</i>	None

Trench 68

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E-W
<i>Topsoil</i>	0.37 m – 0.54 m
<i>Depth of Excavation</i>	0.40 m – 0.57 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange/brown sandy gravel
<i>Finds</i>	None

Trench 69

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	N-S
<i>Topsoil</i>	0.31 m – 0.36 m
<i>Depth of Excavation</i>	0.35 m – 0.36 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Mid orange with patches of dark brown sandy gravel
<i>Finds</i>	None

Trench 70

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NW-SE
<i>Topsoil</i>	0.35 m – 0.71 m
<i>Depth of Excavation</i>	0.40 m – 0.54 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Light brown sandy gravel
<i>Finds</i>	None

Trench 71

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NE/SW
<i>Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.40 m
<i>Significant Features</i>	None
<i>Other Features</i>	Colluvium 0.10 m

Subsoil Orange sands and gravels
Finds None

Trench 72

Dimensions 50 m by 2 m
Orientation NW/SE
Topsoil 0.17 m – 0.32 m
Depth of Excavation 0.20 m – 0.36 m
Significant Features None
Other Features None
Subsoil Orange sands and gravels
Finds None

Trench 73

Dimensions 50 m by 2 m
Orientation NNW/SSE
Topsoil 0.20 m – 0.30 m
Depth of Excavation 0.30 m – 0.50 m
Significant Features None
Other Features Colluvium 0.20 m
Subsoil Orange sands and gravels
Finds None

Trench 74

Dimensions 50 m by 2 m
Orientation SW/NE
Topsoil 0.30 m – 0.40 m
Depth of Excavation 0.30 m – 0.50 m
Significant Features None
Other Features None
Subsoil Orange sands and gravels
Finds None

Trench 75

Dimensions 50 m by 2 m
Orientation NE/SW
Topsoil 0.20 m – 0.30 m
Depth of Excavation 0.40 m
Significant Features None
Other Features Colluvium 0.20 m
Subsoil Orange sands and gravels
Finds None

Trench 76

Dimensions 50 m by 2 m
Orientation S/N
Topsoil 0.32 m – 0.40 m
Depth of Excavation 0.40 m – 0.50 m
Significant Features None
Other Features None
Subsoil Orange sands and gravels
Finds None

Trench 77

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NW/SE
<i>Topsoil</i>	0.20 m – 0.30 m
<i>Depth of Excavation</i>	0.30 m – 0.50 m
<i>Significant Features</i>	None
<i>Other Features</i>	Colluvium 0.10 m
<i>Subsoil</i>	Orange sands and gravels
<i>Finds</i>	None

Trench 78

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	E/W
<i>Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.50 m
<i>Significant Features</i>	None
<i>Other Features</i>	Colluvium 0.20 m
<i>Subsoil</i>	Orange sands and gravels
<i>Finds</i>	None

Trench 79

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	NNE/SSW
<i>Topsoil</i>	0.30 m
<i>Depth of Excavation</i>	0.30 m – 0.50 m
<i>Significant Features</i>	None
<i>Other Features</i>	Colluvium 0.20 m
<i>Subsoil</i>	Orange sands and gravels
<i>Finds</i>	None

Trench 80

<i>Dimensions</i>	30 m by 2 m
<i>Orientation</i>	E/W
<i>Topsoil</i>	0.20 m
<i>Depth of Excavation</i>	0.25 m
<i>Significant Features</i>	None
<i>Other Features</i>	None
<i>Subsoil</i>	Orange sands and gravels
<i>Finds</i>	None

Trench 81

<i>Dimensions</i>	50 m by 2 m
<i>Orientation</i>	N/S
<i>Topsoil</i>	0.20 m – 0.30 m
<i>Depth of Excavation</i>	0.30 m – 0.50 m
<i>Significant Features</i>	None
<i>Other Features</i>	Colluvium 0.10 m
<i>Subsoil</i>	Orange sands and gravels
<i>Finds</i>	None

Trench 83

<i>Dimensions</i>	30 m by 2 m
<i>Orientation</i>	E/W
<i>Topsoil</i>	0.20 m – 0.30 m
<i>Depth of Excavation</i>	0.30 m – 0.50 m
<i>Significant Features</i>	None

Other Features Colluvium 0.20 m
Subsoil Orange sands and gravels
Finds None

Trench 84

Dimensions 30 m by 2 m
Orientation SE/NW
Topsoil 0.20 m
Depth of Excavation 0.30 m
Significant Features None
Other Features Colluvium 0.20 m
Subsoil Orange sands and gravels
Finds None

Trench 85

Dimensions 30 m by 2 m
Orientation NE/SW
Topsoil 0.30 m
Depth of Excavation 0.30 m - 0.55 m
Significant Features None
Other Features Colluvium 0.20 m
Subsoil Orange sands and gravels
Finds None

Trench 86

Dimensions 20 m by 2 m
Orientation NW/SE
Topsoil 0.20 m – 0.30 m
Depth of Excavation 0.30 m – 0.50 m
Significant Features None
Other Features Colluvium 0.20 m
Subsoil Orange sands and gravels
Finds White ceramic

Trench 87

Dimensions 20 m by 2 m
Orientation NNW/SSE
Topsoil 0.20 m – 0.30 m
Depth of Excavation 0.30 m – 0.50 m
Significant Features None
Other Features Colluvium 0.20 m
Subsoil Orange sands and gravels
Finds None

APPENDIX 2: Context Descriptions

Context	Description
01	Top-soil – Sandy red/brown loam with numerous small stones. Depth 0.10 m to 0.40 m. Contains rare shards of Victorian ceramics and a single shard of post-medieval reduced ware (SF 1).
02	Colluvium – Red brown sandy silt with numerous small sub-rounded stones
03	Sub-soil – Orange brown sands and gravels
601	Cut – Partially exposed curvilinear cut ending in a circular terminus. Cut is 12.0 m in diameter with a width ranging from 0.25 m to 0.40 m and a depth of 0.25 m to 0.32 m. The terminus is 0.70 m in diameter. The cut has an almost vertical inner face and a moderately sloping outer. The base is narrow and concave with three post bases. Filled by (602). Ring-ditch for late prehistoric roundhouse structure.
602	Fill – Dark brown sandy silt with inclusions of small sub-angular stones throughout >20%. Contains several medium to large sub-rounded packing stones. Fill of ring-ditch [601].
801	Deposit – Accumulation of red brown sandy silt with patches of darker more organic material. Deposit measures 5.5 m by 1.55 m and is 0.05 to 0.08 m in depth. The deposit has inclusions of sub-rounded stone >5% and is rich in flint artefacts (SF 2 & 3). Deposit of Mesolithic date
1202	Cut – Sub-circular feature with moderately sloping sides and rounded concave base. Dimensions; 0.45 m by 0.60 m by 0.15 m in depth. Filled by (1203). Possible cremation pit.
1203	Fill – Dark brown sandy silt with flecks of charcoal and burnt bone fragments. Fill of [1202]
1204	Cut – Circular cut feature 0.50 m in diameter. Filled by (1205). Possible cremation pit. Unexcavated.
1205	Fill – Dark brown sandy silt with flecks of charcoal and burnt bone fragments. Fill of [1204]. Unexcavated.
1206	Cut – Circular cut feature 0.40 m in diameter and 0.13 m in depth. Truncated with moderately sloping sides and round concave base. Possibly cut by [1208] and abutted by [1210] relationship unclear. Filled by (1207). Possible cremation pit.
1207	Fill – Dark brown sandy silt with flecks of charcoal and burnt bone fragments. Fill of [1206]
1208	Cut – Circular cut feature 0.50 m in diameter and 0.15 m in depth. Truncated with moderately sloping sides and round concave base. Possibly cuts [1206] and abutted by [1210] relationship unclear. Filled by (1209). Possible cremation pit.
1209	Fill – Dark brown sandy silt with flecks of charcoal and numerous burnt bone fragments including single vertebrae. Fill of [1208]
1210	Cut – Circular cut feature 0.40 m in diameter. Abutts [1206-1208] relationship unclear. Filled by (1211). Possible cremation pit. Unexcavated.

1211	Fill – Dark brown sandy silt with flecks of charcoal and burnt bone fragments. Fill of [1210]
1212	Cut – Circular cut feature 0.50 m in diameter. Filled by (1213). Possible cremation pit. Unexcavated.
1213	Fill – Dark brown sandy silt with flecks of charcoal and small burnt bone fragments. Fill of [1212]
1214	Cut – Circular cut feature 0.50 m in diameter. Filled by (1215). Possible cremation pit. Unexcavated.
1215	Fill – Dark brown sandy silt with flecks of charcoal and small burnt bone fragments. Fill of [1214]
1216	Cut – Circular cut feature 0.30 m in diameter. Filled by (1215). Possible post-hole. Unexcavated.
1217	Fill – Dark brown sandy silt. Fill of [1216]

APPENDIX 3: Photographic Record

Digital Photographs

Frame	Description	From
1	Registration	-
2	Trench 1 post-excavation shot	NE
3	Trench 1 SE facing section through colluvial deposit	SE
4	Trench 3 post-excavation	E
5	Trench 5 post-excavation	N
6	Trench 7 SW facing section	SW
7	Trench 7 post-excavation shot	SE
8	Trench 9 post-excavation shot	E
9	Trench 11 post-excavation shot	E
10	Trench 13 post-excavation shot	E
12	Trench 15 post-excavation	SE
13	Trench 17 post-excavation	E
14	Trench 19 post-excavation	NE
15	Trench 21 post-excavation	SE
16	Trench 23 post-excavation	S
17	Trench 25 post-excavation	S
18	Trench 27 post-excavation	E
19	Trench 29 post-excavation	SE
20	Trench 31 post-excavation	NE
21	Trench 33 post-excavation	NE
22	Trench 35 post-excavation	NNE
23	Trench 37 post-excavation	W
24	Trench 39 post-excavation	W
25	Trench 41 post-excavation	S
26	Trench 43 post-excavation	W
27	Trench 45 post-excavation	S
28	Trench 47 post-excavation	W
29	Trench 49 post-excavation	SW
30	Trench 51 post-excavation	SE
31	Trench 53 post-excavation	NW
32	Trench 55 post-excavation	NW
33	Trench 57 post-excavation	NE
34	Trench 59 post-excavation	E
35	Trench 61 post-excavation	NNE
36	Trench 63 post-excavation	N
37	Trench 65 post-excavation	NE
38	Trench 67 post-excavation	NE
39	Trench 69 post-excavation	NE

40	Trench 71 post-excavation	NNE
41	Trench 73 post-excavation	SE
42	Trench 75 post-excavation	NNE
43	Trench 77 post-excavation	E
44	Trench 79 post-excavation	N
45	Trench 81 post-excavation	N
46	Trench 83 post-excavation	W
47	Trench 2 post-excavation	N
48	Trench 4 post-excavation	NW
49	Trench 8 post-excavation	SW
50	Trench 6 post-excavation	W
51	Trench 12 post-excavation	W
52	Trench 10 post-excavation	SE
53	Trench 14 post-excavation	W
54	Trench 16 post-excavation	W
55	Trench 20 post-excavation	NE
56	Trench 22 post-excavation	E
57	Trench 18 post-excavation	W
58	Trench 24 post-excavation	W
59	Trench 26 post-excavation	SE
60	Trench 28 post-excavation	W
61	Trench 32 post-excavation	SE
62	Trench 34 post-excavation	SW
63	Trench 30 post-excavation	S
64	Trench 36 post-excavation	NE
65	Trench 38 post-excavation	E
66	Trench 44 post-excavation	E
67	Trench 40 post-excavation	SE
68	Trench 42 post-excavation	E
69	Trench 58 post-excavation	NE
70	Trench 52 post-excavation	S
72	Trench 48 post-excavation	W
73	Trench 46 post-excavation	S
74	Trench 50 post-excavation	E
75	Trench 54 post-excavation	SE
76	Trench 56 post-excavation	S
77	Trench 60 post-excavation	E
78	Trench 62 post-excavation	E
79	Trench 70 post-excavation	E
80	Trench 64 post-excavation	NE
81	Trench 66 post-excavation	NW

82	Trench 68 post-excavation	E
83	Trench 72 post-excavation	E
84	Trench 74 post-excavation	NE
85	Trench 76 post-excavation	W
86	Trench 78 post-excavation	S
87	Trench 80 post-excavation	W
88	East facing section through Pits [1206-08]	E
89	East facing section through Pits [1203]	E
90	Unexcavated pits [1204-14]	N
91	Unexcavated pits [1216]	N
92	West facing section through Mesolithic deposit (801)	W
93	East facing section through Mesolithic deposit (801)	E
94	SE facing section through ring-ditch [601]	SE
95	NW facing section through ring-ditch [601]	NW
96	Trench 84 post-excavation	NE
97	Trench 85 post-excavation	NW
98	Trench 86 post-excavation	NE
99	Trench 87 post-excavation	SW

APPENDIX 4: Drawing Register

No.	Description	Scale
1	Plan of Trench 8 extension & deposit (801)	1:50
2	West facing section through Deposit (801)	1:10
3	Plan of Trench 6 extension & features [802-814]	1:50
4	South-east facing section through ring-ditch [601]	1:10
5	North-west facing section through ring-ditch [601]	1:10
6	North-east facing section through pits [1206-1208]	1:10
7	East facing section through pits [1203]	1:10
8	Plan of Trench 12 extension & features [1202-1216]	1:50

APPENDIX 5: Small Finds Register

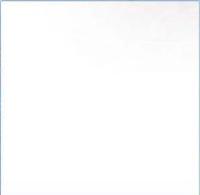
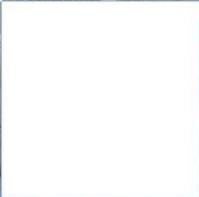
No.	Description	Context
1	Body-shard of post-medieval reduced ware	U/S
2	Flint x 19 from cleaning around deposit (601)	U/S
3	Flint x 72	(601)
4	Shards of later prehistoric decorated ceramic x 2	1207

APPENDIX 6: Sample Register

Sample	Context
20 litres	(601)
20 litres	(801)
20 litres	(1209)
20 litres	(1203)
20 litres	(1207)

APPENDIX 7: 'Discovery and Excavation in Scotland' Report

LOCAL AUTHORITY:	Dumfries & Galloway County Council
PROJECT TITLE/SITE NAME	South Boreland, Dunragit
PROJECT CODE:	AOC 23092
PARISH:	Old Luce
NAME OF CONTRIBUTOR:	Rob Engl & Stuart Wilson
NAME OF ORGANISATION:	AOC Archaeology Group
TYPE(S) OF PROJECT:	Archaeological Evaluation
NMRS NO(S)	None
SITE/MONUMENT TYPE(S):	Mesolithic deposit, later prehistoric ring-groove, cremation pits
SIGNIFICANT FINDS:	Narrow blade flint industry, decorated Beaker pottery, cremated human bone
NGR (2 letters, 6 figures)	NX 17800 57190
START DATE (this season)	17 th August 2015
END DATE (this season)	21 st August 2015
PREVIOUS WORK (incl. DES ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p>An archaeological evaluation was undertaken by AOC Archaeology in respect to proposed mineral development at South Boreland, Dunragit, Dumfries & Galloway (centred on NGR: NX 17800 57190) in order to inform an EIA.</p> <p>An 8% (4,256 linear metres) sample of an area of 10.64ha was investigated by trial trench (the proposed development area covered some 16.8ha but steep slopes, areas around live services and those covered by trees or standing water, were excluded).</p> <p>The evaluation revealed the presence of significant archaeological remains in the form of a presumed later prehistoric ring-groove, a flint rich deposit of Mesolithic date and a cluster of truncated cremation pits. Human bone and two shards of decorated later prehistoric decorated ceramic were recovered from the cremation pits. The archaeological remains were localised, being restricted to a low rise at the edge of the coastal fringe. A single shard of unstratified post-medieval ceramic was also recovered from this area.</p> <p>Topsoil was relatively thin across the site with pockets of colluvium occurring in many of the lower lying trenches. Sub-soil consisted of free draining sands and gravels of glacial origin.</p>
PROPOSED FUTURE WORK:	Yes
CAPTION(S) FOR ILLUSTRS:	---
SPONSOR OR FUNDING BODY:	CgMs Consulting
ADDRESS OF MAIN CONTRIBUTOR:	Edgefield Road Industrial Estate, Loanhead, Midlothian, EH20 9SY
EMAIL ADDRESS:	Rob.Engl@aocarchaeology.com
ARCHIVE LOCATION (intended/deposited)	Archive to be deposited in NMRS



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