# White Cart Flood Prevention Scheme 2004
# Contract 1, Blackhouse,
# East Renfrewshire:
# Archaeological Mitigation

Data Structure Report

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Rathmell
Archaeology Ltd

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# Contents

1 Overview 3

2 Project Works 4

3 Findings: Strip, Map and Sample 4

4 Findings: Evaluation Trenches 7

5 Discussion 7

6 Recommendations 10

7 Conclusion 10

8 References 11

Appendix 1 - Trench Details 12

Appendix 2 - Record Summaries 14

Appendix 3 - Discovery & Excavation in Scotland 29

Contact Details 30

*Figures*

Fig. 1 Strip, Mao & Sample Area 5

Fig. 2 Trench layout 6

Fig. 3a-f Site Images 8

Fig. 4a-f Evaluation Images 9

# 1 Overview

1.1 This Data Structure Report presents the findings of archaeological mitigation works (evaluation and monitoring) required by Carillion Capital Projects Ltd (Carillion) in respect to proposed groundworks in support of the White Cart Flood Prevention Scheme 2004 Contract 1 – Flood Storage Areas.

1.2 This Data Structure Report covers only the works carried out at the site of Blackhouse (NGR: NS537 532), East Renfrewshire; two other Data Structure Reports have been prepared contemporaneously covering sites at Kittoch Bridge and Kirkland Bridge. The archaeological works, carried out from the 19th May to 23rd September 2008, were designed to inform any necessary mitigation of impact on the archaeological remains within the development area.

1.3 An initial Written Scheme of Investigation prepared by Halcrow Group Limited (Halcrow) in 2007 acts as the primary agreement between Glasgow City Council and Carillion as to the initial scope of works necessary to mitigate the impact on the archaeological remains within the development areas. A later Method Statement prepared by Rathmell Archaeology Ltd (Rees & Gordon 2008) designed to expand upon, while complying fully with, the Written Scheme of Investigation prepared by Halcrow, was followed as a base for the works on site.

1.4 The initial stage of this work comprised a strip, map and sample exercise on the areas of the temporary haul roads and compounds (see Section 3) and a targeted intrusive evaluation of the ground within the flood storage areas (where wetland areas are to be formed) (see Section 4).

1.5 The findings of the initial stage of works were to determine the appropriateness and scale of subsequent works (exclusion, excavation, post-excavation analyses and publication) (Halcrow 2007, Section 1.1). The character of any further stages of work will need to be agreed with Glasgow City Council and the West of Scotland Archaeology Service.

1.6 Rathmell Archaeology Ltd was appointed by Carillion to undertake the archaeological mitigation works agreed to date (evaluation and monitoring). The project works described below define the proposed archaeological works that has been designed to comply with the identified requirements of the West of Scotland Archaeology Service, archaeological advisor to the client, Glasgow City Council, and the planning authority, East Renfrewshire.

## *1.7 Archaeological and Historical Background*

1.7.1 The area around Blackhouse Farm features a number of sites. Four sites lie within the study area: rig & furrow, quarry scoops, a trackway and a modern clearance cairn (NMRS NS55SW 126); a weir (NMRS NS55SW 130); the remains of a bridge (NMRS NS55SW 131); and the remains of Hazeldean Silk Printing Works (NMRS NS55SW 132), all situated towards the eastern end of the area. The highest concentration of sites lies to the south and southeast of the area, many of which are agricultural and industrial in nature. Within 200m of the site boundary lies, to the south: a weir (NMRS NS55SW 133); a dam, sluice, dyke, trackway (NMRS NS55SW127) and evidence of quarrying (NMRS NS55SW 94), and to the east: quarries, banks, a dyke, cairn and possible field system (NMRS NS55SW 79.00) and rig-and furrow and a trackway (NMRS NS55SW 125). Also of note further afield are a standing stone (NMRS NS55SW 72) located to the southwest, cup-marked stones (NMRS NS55SW 6) to the south and a coin hoard (NMRS NS55SW 5) to the north east.

1.7.2 Aside from the sites above, Ordnance Survey mapping for the area also identifies a quarry to the south of Crook Mearns Road just to the west of the northwest corner of the site boundary. This can be seen in the 1st, 2nd and 3rd Ordnance Surveys indicated as “old quarry” in the latter two. A dam is also identifiable within the eastern boundary to the south of the printing works and another one outwith the boundary to the southeast of Blackhouse Farm on the 1st, 2nd and 3rd Ordnance Surveys.

1.7.3 An archaeological desk-based assessment has already been undertaken for the area (Shearer 2004) to inform the establishment of a baseline in support of the ES for the scheme

(Halcrow 2004).

# 2 Project Works

2.1 The programme of works commenced with the strip, map and sample exercise of the excavation of soft sediment within the temporary haul roads and compound areas. In total 21303m$^2$ was monitored, with works carried out from the 18th May to the 23rd September 2008. All ground disturbance was preceded by controlled topsoil stripping under the supervision of an archaeologist. Cleaned surfaces were inspected and any significant archaeology subjected to hand excavation to the agreed protocols (see Rees and Gordon 2008, Section 4) before being signed over to Carillion for development.

2.2 A targeted archaeological evaluation was carried out through machine cut trenches of the flood storage areas (where wetland areas are to be formed). In total 793m² (basal dimensions) of linear trenching was excavated.

2.3 Some trenches had to be repositioned, from the agreed trench plan, to take into ground conditions and the topography of the land on site. The on-site evaluation works took place from the 16th to the 17th June 2008. The majority of exposed features were investigated and evaluated to determine their archaeological significance.

2.4 All works were conducted in accordance with the Institute of Field Archaeology's Standards and Policy Statements and Code of Conduct and Historic Scotland Policy Statements.

# 3 Findings: Strip, Map and Sample

3.1 The monitored areas for the strip, map and sample watching brief were divided into Fields 1-7 (Figure 1) running from west to east. Field 1 encompassed Compound 1 and part of the Haul Road 1. The compound area had topsoil (005), which was a very wet, friable dark brown silty clay over a varying subsoil of brown/grey clay (003), grey sandy clay (004), peat (006) and brown/grey clay (007). Topsoil varied in depth from180mm to 440mm. The haul road in Field 1 had topsoil (011) of brown and yellow humic silty clay over either (007) or (012) which was bedrock. The only feature found in this field was a pit [008] oblong in plan measuring 3m by 1m and up to 600mm deep, with a very mixed purple, white and brown clay fill (009) which had infrequent stone inclusions as well as modern white ceramic present. A piece of flint (Find 1) was recovered from the topsoil (011) that appeared to be burnt or chemically affected.

3.2 Field 2 was the continuation of the Haul Road 1, the topsoil (013), (which varied in depth from 140mm to 300mm) here was a dark grey friable silt with moderate modern white ceramic present. This overlay varying clay subsoils (015) and (016) as well as a buried plough soil (014) which was red brown sandy silt with occasional clay lenses. Bioturbation was noted but no significant archaeological features were recorded. A piece of flint (Find 2) was recovered from the topsoil as well as what appears to be a piece of metal slag (Find 3).

3.3 Field 3 was a further continuation of the Haul Road 1, topsoil in this section was a grey brown humic silt clay (017) which overlay mid grey compact stoney clay (018) and bedrock (019). Topsoil varied in depth from 200mm to 400mm. The haul road continued into Field 4 were the topsoil was a pale grey brown humic silt (020) over a subsoil (021) of mixed orange and brown silty clays with patches of gravel and free stone. As with Field 2 no archaeological features were noted in Field 3 and 4.

3.4 Field 5 consisted of the Haul Road 1, Compound 2, Haul Road 2 and a Storage Area. The topsoil (022) on the upper slopes was a pale grey silty clay, which was between 200mm to 400mm in depth. While the subsoil (023) was a orange brown silty clay with lenses of gravel and occasional large stones. On the lower slopes and flat ground the topsoil (031) was a mid dark brown silty clay with frequent rootlets over either (034) brown orange sandy clay with occasional small to medium sized stone inclusions or a mottled grey orange clay sand with frequent small stone inclusions. Topsoil (031) varied in depth from 210mm to 300mm. Also

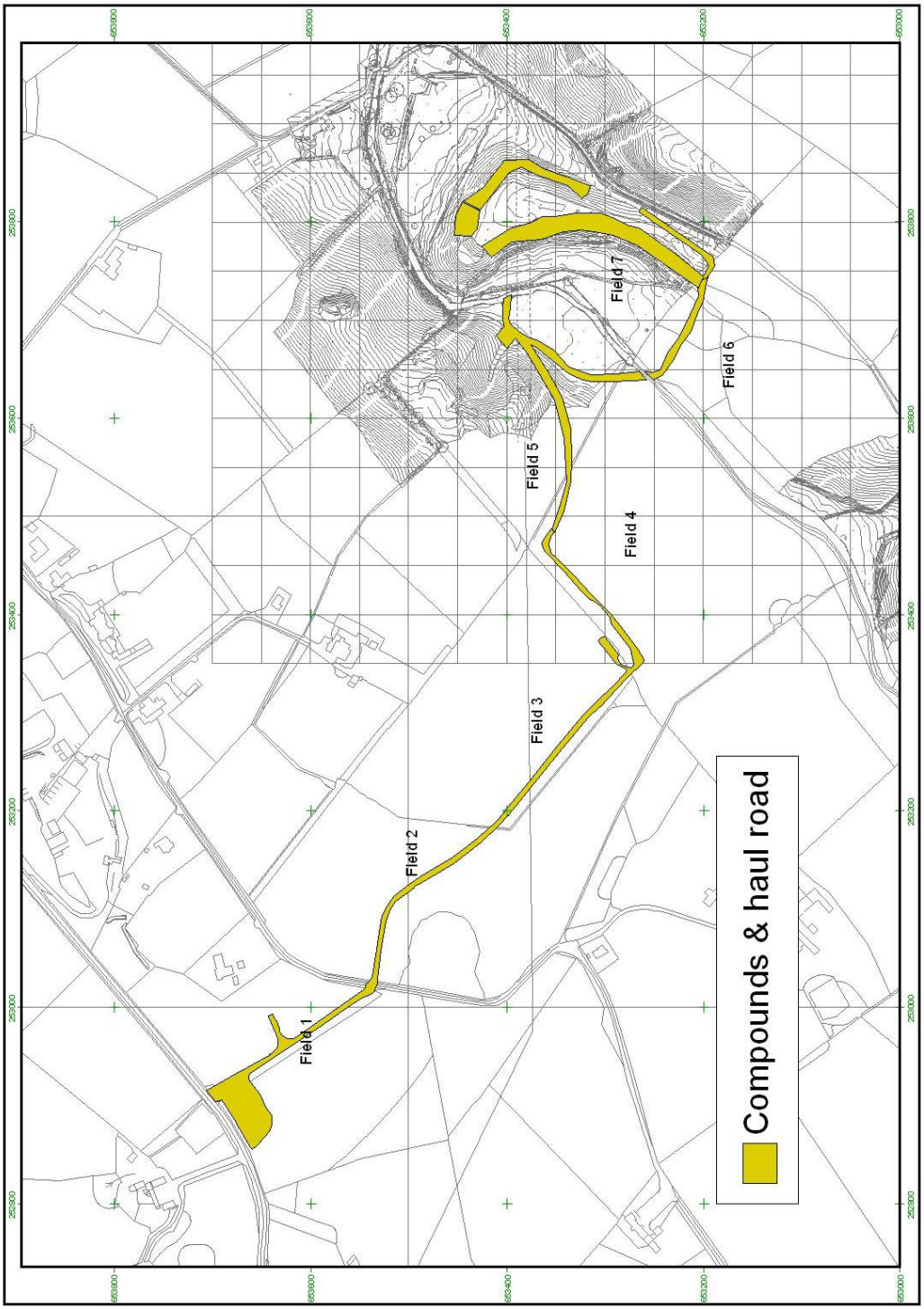


Figure 1: Strip, Map and Sample Area

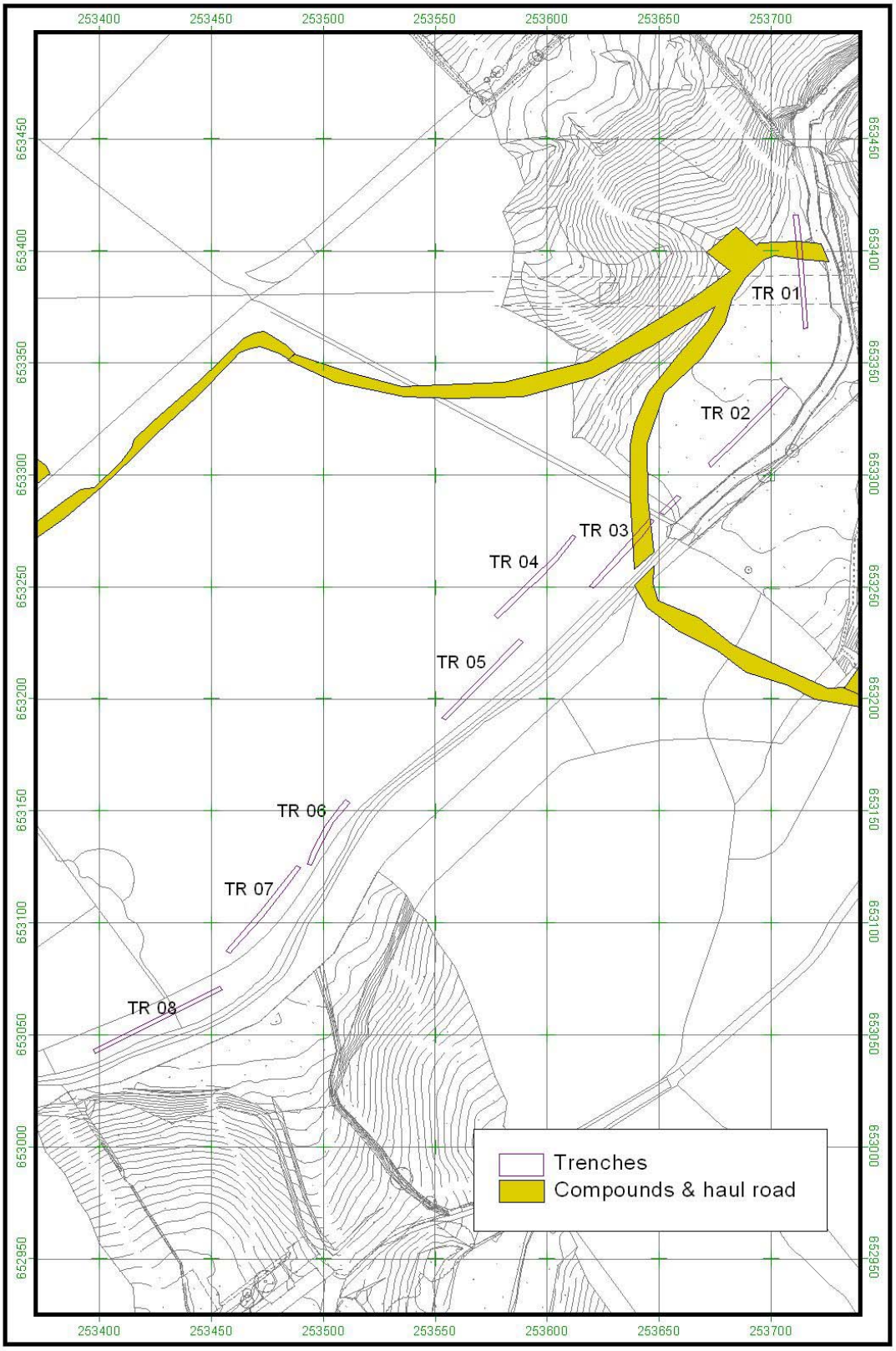


Figure 2: Trench Layout

noted in Field 5 were several modern drainage linears, (028) was a modern drainage pipe, while (029) was a red clay horseshoe drain and (030) was red clay circular pipe. In addition there was a metal water pipe (033) running east to west. Several finds of fragments of burnt flint (4-10) were recovered, as was a copper coin Find (11).

3.5 Field 6 was a continuation of the Haul Road 2, topsoil in this section was a mid brown clay silt (037) which overlay clay silt subsoils (038, 039, 040) which appear to be alluvial deposits. The haul road continued into Field 7 with a couple of spur roads off of it were the topsoil was a dark brown silt sand (041) over a variety of sand and gravel subsoils (042, 055, 056) which make up the esker that dominates Field 7. A variety of modern features were uncovered in this section; a ditch (047) associated with a hedgerow, a square posthole (050), a field drain (052) and a area of hardstanding (054). Modern detritus was also noted in the topsoil, consisting of white glazed pottery, glass and metalwork.

# 4 Findings: Evaluation Trenches

4.1 Eight evaluation trenches were opened along the northern side of the Earn Water within the flood area element of the development. Full descriptions of each trench are contained in the appendices at the end of this report. Included below is a synthesis of the findings and interpretation from these trenches.

4.2 The position of the trenches was largely in keeping with the Written Scheme of Investigation; a couple of trenches had to be repositioned due to ground conditions and topography.

4.3 The topsoil across the site ranged between 200mm and 360mm in depth, although typically it reached no deeper than 300mm. The natural subsoil was predominantly a variable clay; although in some locations silt and sand subsoil was exposed. Bioturbation was evident in most trenches.

## *4.4 Drainage features*

4.4.1 In five of the eight evaluation trenches field drains were recorded. Typically these comprised pushed ceramic drains [1006], though occasionally rubble drains [1007] were identified. The pushed ceramic drains were likely to be early 20$^{th}$ century in date; for the most part they occurred in machine dug trenches approximately 200-300mm wide.

4.4.2 The rubble drains are of unknown date though most likely to be 18$^{th}$ century in origin, while the ceramic drains were of mid to late 19$^{th}$ century date, being of factory manufacture.

## *4.5 Artefact Recovery*

4.5.1 In general very little material culture (i.e. artefacts) was noted during the evaluation. There was a low volume of nineteenth and twentieth century material, including sherds of glazed white earthenware pottery.

# 5 Discussion

## *5.1 Strip, map and Sample*

5.1.2 The lack of archaeological features within the topsoil stripped areas maybe due to the topography that the route of the haul road took, which is primarily on a sloping surface. While archaeological activity is not unheard of on the sloping ground, it is more unlikely.

5.1.3 The limited amount of archaeological finds recovered from the topsoil shows that anthropic activity has occurred in the area for over time, however without secure contexts from archaeological features it would be impossible to define the nature of the activity.

## *5.2 Evaluation*

5.2.1 Like the strip, map and sample the evaluation revealed nothing of an archaeological nature. Given that the evaluation was on flat ground immediately adjacent to the Earn Water, which appears to have benefited from modern drainage, it is highly probable that this area has

Figure 3a: Haul Road Field 1

Figure 3b: Haul Road Field 3

Figure 3c: Field 3 Sample Section

Figure 3d: Haul Road Field 4

Figure 3e: Haul Road Field 5

Figure 3f: Field 5 Sample Section

Figure 3g: Haul Road Field 5 East

Figure 3h: Haul Road Field 7

Figure 4a: Trench 1

Figure 4b: Trench 1 Section

Figure 4c: Trench 3

Figure 4d: Trench 3 Section

Figure 4e: Trench 5

Figure 4f: Trench 5 Section

Figure 4g: Trench 7

Figure 4h: Trench 7 Section

traditionally been highly boggy ground. like the southern side of the Earn Water, and therefore highly unlikely to have been used for settlement in the past.

# 6 Recommendations

6.1 Presented below are our provisional recommendations for archaeological mitigation as the development proceeds. These recommendations are framed with reference to the issued planning guidance. The appropriateness and acceptability of our recommendations rest with East Renfrewshire Council and the West of Scotland Archaeology Service, their advisors. Confirmation that the below recommendations are acceptable should be confirmed with these bodies prior to the implementation of any development works whose appropriateness may rely on these recommendations.

6.2 The archaeological works have failed to identify any significant archaeology and the character of the ground was such as to suggest that these findings are a reasonable representation of the ground to be impacted upon by the development. Consequently we recommend that the development will not have an identifiable adverse impact on archaeology and hence no further archaeological works are appropriate in the course of the agreed development.

# 7 Conclusion

7.1 A programme of archaeological investigative works was undertaken in respect of the development of White Cart Flood Prevention Scheme at Blackhouse (NGR NS537 532). Archaeological mitigation works were carried out from the 19th May to the 23rd September 2008 and comprised an archaeological evaluation of 8 trenches and the continuous monitoring of topsoil stripping for haul roads and compound located within open farmland which will be impacted upon by the extraction. The evaluation trenches totalled some 793m$^2$, slightly exceeding the 5% requirement for the study area, while a total of 21303m$^2$ was monitored.

7.2 All evaluation trenches exhibited a fairly common stratigraphic sequence with topsoil which varied in depth from 200mm to 360mm though was generally about 300mm deep. The topsoil overlay varying clay subsoil.

7.3 No significant archaeology were recorded during the evaluation or strip, map and sample. On balance, we have recommended that no further archaeological works are appropriate given that these works have investigated a significant portion of the development area and have failed to identify any significant archaeology.

# 8 References


| | | |
|---|---|---|
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| Halcrow | 2007 | *Glasgow City Council. White Cart Water Flood Prevention Scheme. Archaeological Written Scheme of Investigation. Flood Storage Areas.* Unpublished commercial planning document prepared by Halcrow Group Limited |
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| Shearer, I | 2003 | *White Cart Water, Desk Based Assessment* Unpublished commercial report prepared by GUARD, Project 1272 |
| SODev | 1994 | *National Planning Policy Guideline 5, Archaeology and planning*, Scottish Office Development Department. |
| SOEnd | 1994 | *Planning Advice Note 42, Archaeology*, Scottish Office Environmental Department. |

# Appendix 1: Trench Details

Within this appendix a standardised set of data pertaining to the evaluation trenches is presented.

All measurement distances quoted along the trench measure based on the quoted orientation of the trench. See Figure 2 for trench locations.

| Trench | Orientation | Size | Topsoil Depth | Subsoil Character | Modern Features | Significant Features | Artefacts |
|---|---|---|---|---|---|---|---|
| 01 | Southwest to Northeast | 2m by 50m<br><br>100m² | 290 to 340mm | Mid brown clay sand (1002) | None | None | None |
| 02 | South to North | 2m by 50.1m<br><br>100.2m² | 190 to 260mm | Mid brown clay sand (1002) with 3m patch of brown grey gravel (1008) at +31.2m | Field drain (1006) present at +3.5m, +11.4m, +23.6m and at +48m all with common orientation (SW-NE). | | |
| 03 | Northeast to Southwest | 2m by 50m<br><br>100m² | 330 to 340mm | Mid brown clay sand (1002) | Field drain (1007) present at +11.2m orientated N-S. | None | None |
| 04 | Northeast to Southwest | 2m by 50.2m<br><br>100.4m² | 200 to 330mm | Mid brown clay sand (1002) | None | None | None |
| 05 | Northeast to Southwest | 2m by 50.1m<br><br>100.2m² | 270 to 360mm | Mid Brown clay (1003), with patches of grey brown gravel (1011) occurring at +29.8m and stoney deposit (1012) occurring at +37.2m until +43.4m | Field drain (1006) present at +31.1m orientated NW-SE. | None | None |
| 06 | Northeast to Southwest | 2m by 34m<br><br>68m² | 230 to 260mm | Mid brown silt (1013) | Field drain (1007) present at +12.4m orientated E-W. Modern drain (1014) present at +29.6m orientated SE-NW. | None | None |
| 07 | Northeast to | 2m by | 200 to | Mid brown clay (1003) | None | None | None |

| Trench | Orientation | Size | Topsoil Depth | Subsoil Character | Modern Features | Significant Features | Artefacts |
|---|---|---|---|---|---|---|---|
| | Southwest | 50m<br><br>100m² | 260mm | with section of grey brown gravel (1011) appearing at +8.2m and disappearing at +18.3m | | | |
| 08 | Southwest to Northeast | 2m by 62.4m<br><br>124.8m² | 240 to 300mm | Grey brown gravel (1011) present until +12.2m, before a mottled orange brown clay (1015) appears with a small patch of grey brown gravel (1011) occurring at +26m. | Field drain (1007) present at +4.4m orientated NW-SE. | None | None |

# Appendix 2: Registers

Within this appendix are all registers pertaining to works on-site regardless of the process by which that information was gathered (e.g. evaluation or strip, map & sample).

*Context Register*

| Context No. | Area/ Trench | Type | Description | Interpretation |
|---|---|---|---|---|
| 001 | Test Pits | Topsoil | Moderately compacted dark grey brown crumbly silt with occasional modern ceramic, drain fragments and brick | Topsoil |
| 002 | Test Pits | Subsoil | Soft smooth, grey clay with occasional medium round stones occurring at depth of 500mm and was excavated until 2m in depth | Subsoil |
| 003 | Compound | Subsoil | Soft smooth, organic brown clay. Possibly same as (007) | Subsoil |
| 004 | Compound | Subsoil | Soft smooth grey sandy clay with occasional round stones | Subsoil |
| 005 | Compound | Topsoil | Unstable/soft dark brown silty clay with frequent large ceramic drains | Topsoil |
| 006 | Compound | Deposit | Unstable brown humic peat containing tree roots up to 800mm deep | Peat Deposit |
| 007 | Compound | Subsoil | Very compact smooth grey clay and light brown clays. Possibly same as (003) | Subsoil |
| 008 | Haul Rd – NW Field1 | Cut | Oblong, almost L-shaped in plan; 3m by 1m by 600mm; sharp steep sloping sides and sub-rounded base. Filled by (009) | Cut of modern farmers pit |
| 009 | Haul Rd – NW Field1 | Fill | Fill of cut [008]. Very mixed compact purple, white and crown clays with frequent stone inclusions | 20th century waste deposit |
| 010 | Haul Rd – NW Field1 | Subsoil | Very compact creamy brown smooth clay at 300mm depth with infrequent large stones, surrounding bedrock outcrops and gravels | Subsoil |
| 011 | Haul Rd – NW Field1 | Topsoil | Moderately compact brown and yellow humic silty clay containing frequent modern pot and very frequent flints | Topsoil |
| 012 | Haul Rd – NW Field1 | Subsoil | Bedrock with surrounded degraded stony gravels. Angular stones (50mm by 50mm up to 2m by 2m) | Bedrock – Igneous |
| 013 | Field 2 | Topsoil | Moderately compact, crumbly dark grey silt with frequent small stones and occasional flint fragments | Topsoil |
| 014 | Field 2 | Deposit | Moderately compact red brown sandy silt with occasional clay lenses and few stony inclusions | Ploughsoil |
| 015 | Field 2 | Subsoil | Moderately compact grey and light brown sandy clay with occasional degraded sandstone | Subsoil |
| 016 | Field 2 | Subsoil | Very soft mixed yellow and grey clay with few degraded igneous/ironstone inclusions | Subsoil |
| 017 | Field 3 | Topsoil | Moderately compact, humic grey brown silty clay with frequent small stone and occasional ceramic pot and field drain fragments | Topsoil |

| Context No. | Area/ Trench | Type | Description | Interpretation |
|---|---|---|---|---|
| 018 | Field 3 | Subsoil | Compact, mid grey stony clay with some occasional field drains | Subsoil |
| 019 | Field 3 | Subsoil | Blue grey rock with occasional very degraded and rounded igneous stone | Subsoil |
| 020 | Field 4 | Topsoil | Moderately compact, humic greyish brown (pale) silty clay with frequent modern ceramic inclusions | Topsoil |
| 021 | Field 4 | Subsoil | Moderately compact mixed orangish brown silts and grey clays | Subsoil |
| 022 | Field 5 | Topsoil | Moderately compact grey crumbly silty clay with occasional stone and modern ceramic | Topsoil |
| 023 | Field 5 | Subsoil | Moderately compact orangish brown silty clay with gravel lenses | Subsoil |
| 024 | Field 5 | Topsoil | Loose, light-mid brown silty clay with abundant roots and frequent stone inclusions | Topsoil |
| 025 | Structure | Topsoil | Loosely compacted light-mid brown clayey silt with frequent stone inclusions | Topsoil |
| 026 | Structure | Subsoil | Loosely compacted light brown/grey silty sand with occasional stone inclusions | Subsoil |
| 027 | Structure | Topsoil | Loosely compacted light-mid brown sandy silt with frequent stone inclusions | Topsoil |
| 028 | Field 5 | Deposit | Modern plastic drainage pipe approx 300mm diameter | Modern Drainage Pipe |
| 029 | Field 5 | Deposit | Modern red clay horseshoe drainage pipe – approx 300mm diameter | Modern Drainage Pipe |
| 030 | Field 5 | Deposit | Modern red clay circular drainage pipe – approx 300mm diameter | Modern Drainage Pipe |
| 031 | Field 5 | Topsoil | Friable mid-dark brown silty clay with rare very small stone inclusions | Topsoil |
| 032 | Field 5 | Subsoil | Grey clay with orange streaks | Subsoil |
| 033 | Field 5 | Deposit | Old metal water pipe – 5m long and 50mm diameter running W-E | Metal water pipe |
| 034 | Field 5 | Subsoil | Sticky brown/orange sandy clay with occasional very small to large stone inclusions | Subsoil |
| 035 | Field 5 | Subsoil | Grey/orange clayey sand with frequent very small to large stone flecks | Subsoil |
| 036 | Field 5 | Deposit | Moderately compacted silver grey garvel and sandy silt. Extent measures 8.77m x 1.1m | River deposit |
| 037 | Field 6 | Topsoil | Moderately compacted mid brown clayey silt with frequent root inclusions | Topsoil |
| 038 | Field 6 | Subsoil | Moderately compacted light greyish brown clayey silt | Subsoil |
| 039 | Field 6 | Subsoil | Moderately compacted mid orange brown mottled clayey silt with rare medium-large sized stone inclusions | Subsoil |
| 040 | Field 6 | Deposit | Compact dark grey fine clay silt mottled faintly with orange (following courses of old roots) with very occasional stones measuring up to 100mm x 30mm. | Natural build up of alluvial silts associated with nearby stream |

| Context No. | Area/ Trench | Type | Description | Interpretation |
|---|---|---|---|---|
| 041 | Field 7 | Topsoil | Loose dark brown silty sand with occasional inclusions of small stones (up to 40mm x 40mm) with numerous finds of modern bottle glass, white earthenware frags (glazed, transfer printed) and iron frags. Depth varies across site. | Topsoil |
| 042 | Field 7 | Deposit | Very compact grey silt with some orange lenses. Equivalent to (040) in field 6 | Natural build up of alluvial silts associated with nearby stream |
| 043 | Field 7 | Deposit | Compact grey-brown silty sand, quite pale in colour. Numerous inclusions of small rounded stones (up to 40mm x 40mm) with occasional flecks of charcoal. Occurs towards the W side of the haul road in field 7, in the slope of the escarpment. 100mm deep where it survives. | Areas of surviving cultivation horizon, or possibly areas where topsoil and subsoil have mixed more readily |
| 044 | Field 7 | Subsoil | Mid brown silty sand with numerous inclusions of small stones (rounded, up to 40mm x 40mm) and some gravelly spreads and lenses. | Subsoil |
| 045 | Field 7 | Deposit | Black spread in the topsoil measuring 2m x 2m in extent. Some patches of charcoal present. | Modern area of burning |
| 046 | Field 7 | Deposit | Concentration of stone in topsoil comprising small angular chunks of whinstone up to 40mm x 40mm but markedly different in character to those occurring naturally in subsoil and in a much denser spread. Measures approx. 2m x 2m in extent and lies immediately adjacent to the N of deposit (044). | Appears to be associated with spread (044) and may represent a spread of hard standing or even a stance for the bonfire which resulted in (044). Modern in date |
| 047 | Field 7 | Cut | Linear ditch orientated NE-SW. Measures 1.2m wide, depth not established. Flanks base of escarpment in field 7. | Modern ditch associated with modern field boundaries/hedgegrow |
| 048 | Field 7 | Fill | Very fine black silt with occasional fragments of clay tile field drain. Measures 1.2m wide, depth not established. | Fill of modern ditch [047] |
| 049 | Field 7 | Deposit | Compact orange brown silty sand forming linear band orientated NE-SW running parallel to ditch [047]. Occasional pebbles present. Extent measures 0.6m wide. | Upcast bank related to digging of modern ditch [047] |
| 050 | Field 7 | Cut | Square shaped in plan although more oval at the base. N and E sides vertical and well defined while W and S sides barely discernable. Uneven base. Measures 26cm x 26cm x 60mm deep. Probably very truncated by actions of machines on site. | Posthole, likely modern in date |
| 051 | Field 7 | Fill | Charred timber/charcoal with occasional inclusions of heat affected sand throughout and also around the edges. Measures 26cm x 26cm x 60mm deep. | Fill of posthole [050] |
| 052 | Field 7 | Cut | Linear shaped cut in plane orientated N-S. Measures 0.3m wide. | Cut of field drain |

| Context No. | Area/ Trench | Type | Description | Interpretation |
|---|---|---|---|---|
| | | | Contains tile drain (053). | |
| 053 | Field 7 | Structure | Clay tile drain orientated N-S. | Field drain |
| 054 | Field 7 | Deposit | Layer of rubble (blond sandstone up to 20cm x 15cm) and fragmentary bricks about 300mm deep. | Modern layer of hard standing |
| 055 | Field 7 | Subsoil | Moderately compact dark grey-black coarse gravelly sand. | Subsoil |
| 056 | Field 7 | Subsoil | Moderately compact brown coarse sand with pale flecks and virtually no inclusions. | Subsoil |
| 057 | Field 7 | Subsoil | Pale grey mottled with orange sandy silt. | Subsoil |
| 1001 | Tr. 1-8 | Topsoil | Mid brown silty loam with Frequent rootlets and very occasional small stone inclusions | Topsoil |
| 1002 | Tr. 1 | Subsoil | Mid brown clay sand with occasional small-medium rounded stone inclusions ≤50mm | Subsoil |
| 1003 | Tr. 1,5,7 | Subsoil | Mid brown clay with frequent sub angular and sub rounded medium sized stone inclusions ≤120mm | Subsoil |
| 1004 | Tr. 1 | Subsoil | Orange brown sand | Subsoil |
| 1005 | Tr. 1,2,4 | Subsoil | Dark Grey silt with very occasional stone inclusions | Subsoil |
| 1006 | Tr. 2,5 | Feature | Ceramic field drain, trench 400mm wide with topsoil and subsoil fill | Field Drain |
| 1007 | Tr. 3,6,8 | Feature | Linear aligned east to west, measuring 200mm wide with medium sized stone fill ≤150mm | Rubble Field Drain |
| 1008 | Tr. 2 | Subsoil | Brown Grey gravel patch 3m wide with red tile drain debris present | Subsoil |
| 1009 | Tr. 4 | Subsoil | Dark grey silt fine gravel (≤5mm) | Subsoil |
| 1010 | Tr. 5 | Subsoil | Dark Grey silt fine gravel (≤5mm) | Subsoil |
| 1011 | Tr. 5,7,8 | Subsoil | Grey brown gravel consisting of medium sized stones | Subsoil |
| 1012 | Tr. 5 | Subsoil | Stoney deposit with large stones up to 150mm diameter | Subsoil |
| 1013 | Tr. 6 | Deposit | Mid brown silt with frequent small stone inclusions | Hillwash |
| 1014 | Tr. 6 | Feature | Cut and fill of modern drain with small-medium sized stones | Modern Drain |
| 1015 | Tr. 8 | Subsoil | Mottled orange brown clay with frequent small and medium sized stone inclusions | Subsoil |
| 1016 | Tr. 8 | Topsoil | Mid brown silty clay with frequent rootlets | Topsoil |

*Photographic Register*

| Image No. | Print | | Slide | | Digital | Description | From | Date |
|---|---|---|---|---|---|---|---|---|
| | Film No. | Neg. No. | Film No. | Neg. No. | | | | |
| 001 | - | - | - | - | 1 | General site shots | NE | 13/05/08 |
| 002 | - | - | - | - | 2 | General site shots | N | 13/05/08 |
| 003 | - | - | - | - | 3 | General site shots | NNE | 13/05/08 |
| 004 | - | - | - | - | 4 | General site shots | NE | 13/05/08 |
| 005 | - | - | - | - | 5 | TP 1 General | S | 13/05/08 |
| 006 | - | - | - | - | 6 | TP 1 Oblique section | SW | 13/05/08 |
| 007 | - | - | - | - | 7 | TP 1 Oblique section | W | 13/05/08 |
| 008 | - | - | - | - | 8 | TP 2 General | N | 13/05/08 |
| 009 | - | - | - | - | 9 | TP 2 E facing section | E | 13/05/08 |
| 010 | - | - | - | - | 10 | TP 2 extended general | N | 13/05/08 |
| 011 | - | - | - | - | 11 | TP 2 full depth | E | 13/05/08 |
| 012 | - | - | - | - | 12 | TP 3 general | W | 13/05/08 |
| 013 | - | - | - | - | 13 | TP 3 oblique section | N | 13/05/08 |
| 014 | - | - | - | - | 14 | General shot of north field | SE | 13/05/08 |
| 015 | - | - | - | - | 15 | General shot of north field | ESE | 13/05/08 |
| 016 | - | - | - | - | 16 | TP 4 General | W | 13/05/08 |
| 017 | - | - | - | - | 17 | TP 4 section (oblique) | NW | 13/05/08 |
| 018 | - | - | - | - | 18 | TP 5 general | E | 13/05/08 |
| 019 | - | - | - | - | 19 | TP 5 oblique section | ESE | 13/05/08 |
| 020 | - | - | - | - | 20 | TP 6 general | N | 13/05/08 |
| 021 | - | - | - | - | 21 | TP 6 oblique section | NNW | 13/05/08 |
| | 1 | 1 | 1 | 1 | - | ID shot film 1 | - | 19/05/08 |
| 023 | 1 | 2 | 1 | 2 | - | General shot of access with gate | NE | 19/05/08 |
| 024 | 1 | 3 | 1 | 3 | - | General shot far N field | SSW | 19/05/08 |
| 025 | 1 | 4 | 1 | 4 | - | General shot along W edge of N field | W | 19/05/08 |
| 026 | 1 | 5 | 1 | 5 | - | General shot water pipe (new) on W edge | N | 19/05/08 |
| 027 | 1 | 6 | 1 | 6 | - | General shot road and water pipe | S | 19/05/08 |
| 028 | 1 | 7 | 1 | 7 | - | General shot NW corner (machine) | ESE | 19/05/08 |
| 029 | 1 | 8 | 1 | 8 | - | General shot road verge with trench (13m by 1m by 700mm) | NE | 19/05/08 |
| 030 | 1 | 9 | 1 | 9 | - | (003), (004) working shot of road trench | NNE | 19/05/08 |
| 031 | 1 | 10 | 1 | 10 | - | General shot road edge – trench | WNW | 19/05/08 |
| 032 | 1 | 11 | 1 | 11 | - | Pre-ex of compound area | NE | 20/05/08 |
| 033 | 1 | 12 | 1 | 12 | - | Working shot of compound strip | NW | 20/05/08 |

| Image No. | Print | | Slide | | Digital | Description | From | Date |
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| | Film No. | Neg. No. | Film No. | Neg. No. | | | | |
| 034 | 1 | 13 | 1 | 13 | - | Working shot of compound strip - boggy | NE | 20/05/08 |
| 035 | 1 | 14 | 1 | 14 | - | Working shot of compound strip – boggy | NW | 20/05/08 |
| 036 | 1 | 15 | 1 | 15 | - | Working shot of compound strip – peat and wood | NNW | 20/05/08 |
| 037 | 1 | 16 | 1 | 16 | - | Working shot of compound strip – infilling stone | SW | 20/05/08 |
| 038 | 1 | 17 | 1 | 17 | - | Working shot of compound strip – from hill | ESE | 20/05/08 |
| 039 | 1 | 18 | 1 | 18 | - | Working shot looking SW from road (compound) | NW | 21/05/08 |
| 040 | 1 | 19 | 1 | 19 | - | E facing sample section – DWG #07 | E | 21/05/08 |
| 041 | 1 | 20 | 1 | 20 | - | General shot of site from hill | ESE | 21/05/08 |
| 042 | 1 | 21 | 1 | 21 | - | General shot of site from hill | ESE | 22/05/08 |
| 043 | 1 | 22 | 1 | 22 | - | General working shot of NW corner of compound from road | N | 27/05/08 |
| 044 | 1 | 23 | 1 | 23 | - | NE facing section at NW corner of compound | NE | 27/05/08 |
| 045 | 1 | 24 | 1 | 24 | - | Working shot of peat cutting in compound | NE | 28/05/08 |
| 046 | 1 | 25 | 1 | 25 | - | NE facing section of peat in compound – DWG #10 | NE | 29/05/08 |
| 047 | 1 | 26 | 1 | 26 | - | General post-ex of haul road north strip | N | 29/05/08 |
| 048 | 1 | 27 | 1 | 27 | - | Pre-ex of farmers pit [008]/(009) | W | 29/05/08 |
| 049 | 1 | 28 | 1 | 28 | - | Pre-ex of farmers pit [008]/(009) – close up | W | 29/05/08 |
| 050 | 1 | 29 | 1 | 29 | - | General shot of slot through [008] | N | 29/05/08 |
| 051 | 1 | 30 | 1 | 30 | - | General shot of slot through [008] | E | 29/05/08 |
| 052 | 1 | 31 | 1 | 31 | - | Post-ex of slot through [008] | W | 29/05/08 |
| 053 | 1 | 32 | 1 | 32 | - | General shot of site compound showing week's progress from hill | ESE | 30/05/08 |
| 054 | 1 | 33 | 1 | 33 | - | General shot of haul road NW initial strip from hill | NNE | 30/05/08 |
| 055 | 1 | 34 | 1 | 34 | - | General shot of haul road from south fence | S | 30/05/08 |
| 056 | 1 | 35 | 1 | 35 | - | Working shot of haul road NW strip | S | 02/06/08 |
| 057 | 1 | 36 | 1 | 36 | - | Working shot of haul road NW strip | SSE | 02/06/08 |
| 058 | 2 | 1 | 2 | 1 | - | Working shot of haul road NW strip | N | 02/06/08 |
| 059 | 2 | 2 | 2 | 2 | - | Working shot of haul road NW strip | NE | 02/06/08 |
| 060 | 2 | 3 | 2 | 3 | - | Sample section of haul road NW DWG #013 | W | 02/06/08 |
| 061 | 2 | 4 | 2 | 4 | - | Sample section of haul road N end DWG #014 | W | 02/06/08 |
| 062 | 2 | 5 | 2 | 5 | - | Progress shot (general) of compound from hill | ESE | 04/06/08 |
| 063 | 2 | 6 | 2 | 6 | - | Sample section of haul road NW @ gate DWG #015 | W | 05/06/08 |
| 064 | 2 | 7 | 2 | 7 | - | Working shot haul road NW/Post-ex | S | 05/06/08 |
| 065 | 2 | 8 | 2 | 8 | - | Post-ex of haul road NW looking E to gate by roadway | W | 05/06/08 |
| 066 | 2 | 9 | 2 | 9 | - | Post-ex of haul road NW from hill | ESE | 05/06/08 |

| Image No. | Print | | Slide | | Digital | Description | From | Date |
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| | Film No. | Neg. No. | Film No. | Neg. No. | | | | |
| 067 | 2 | 10 | 2 | 10 | - | Post-ex of compound with car park etc from hill | ESE | 05/06/08 |
| 068 | 2 | 11 | 2 | 11 | - | Working shot site clearance (NW field 1 stone wall) | SSW | 09/06/08 |
| 069 | 2 | 12 | 2 | 12 | - | General shot of ramp cut into field 2 | WNW | 09/06/08 |
| 070 | 2 | 13 | 2 | 13 | - | Working shot of road cut into clay field 1 (010) | S | 09/06/08 |
| 071 | 2 | 14 | 2 | 14 | - | S facing sample section DWG #016 Field 2 | S | 09/06/08 |
| 072 | 2 | 15 | 2 | 15 | - | S facing sample section DWG #017 Field 2 | S | 09/06/08 |
| 073 | 2 | 16 | 2 | 16 | - | General shot post-ex haul road looking NW | SE | 09/06/08 |
| 074 | 2 | 17 | 2 | 17 | - | Pre-ex Field 2 looking toward Field 3 from hill | NW | 09/06/08 |
| 075 | - | - | 2 | 18 | - | Working shot Field 1 haul road @ S entrance | WSW | 11/06/08 |
| 076 | - | - | 2 | 19 | - | Working shot Field 2 haul road @ N entrance | WNW | 11/06/08 |
| 077 | - | - | 2 | 20 | - | Post-ex haul road strip Field 3 N end | SW | 11/06/08 |
| 078 | - | - | 2 | 21 | - | Post-ex haul road strip Field 3 N end | E | 11/06/08 |
| 079 | - | - | 2 | 22 | - | Post-ex haul road strip Field 3 S end | S | 12/06/08 |
| 080 | - | - | 2 | 23 | - | Post-ex haul road strip Field 3 S end | S | 12/06/08 |
| 081 | - | - | 2 | 24 | - | E facing section haul road Field 3 S end DWG #018 | E | 12/06/08 |
| 082 | - | - | 2 | 25 | - | Post-ex haul road at gate Field 3/2 | S | 12/06/08 |
| 083 | - | - | 2 | 26 | - | Post-ex haul road at gate close up | SSE | 12/06/08 |
| 084 | 2 | 18 | 2 | 27 | - | Pre-ex Field 3 | NW | 12/06/08 |
| 085 | 2 | 19 | 2 | 28 | - | Pre-ex Field 3 | SE | 12/06/08 |
| 086 | 2 | 20 | 2 | 29 | - | Pre-ex Field 4 | NW | 12/06/08 |
| 087 | 2 | 21 | 2 | 30 | - | Pre-ex Field 4 | NE | 12/06/08 |
| 088 | - | - | 2 | 31 | - | Sample section #019 Field 3 | NE | 16/06/08 |
| 089 | - | - | 2 | 32 | - | Working shot Field 3 | NW | 16/06/08 |
| 090 | - | - | 2 | 33 | - | Sample section #020 Field 3 | NE | 16/06/08 |
| 091 | - | - | 2 | 34 | - | General shot Field 3 with bedrock | NW | 16/06/08 |
| 092 | - | - | 2 | 35 | - | Sample section DWG #021 Field 3 | SW | 16/06/08 |
| 093 | - | - | 2 | 36 | - | Mid-ex Field 4 at south gate | NW | 16/06/08 |
| 094 | 2 | 22 | - | - | - | Post-ex haul road Field 4 @ gate | SE | 17/06/08 |
| 095 | 2 | 23 | - | - | - | Post-ex haul road Field 4 @ gate | NW | 17/06/08 |
| 096 | 2 | 24 | - | - | - | Post-ex haul road Field 4 @ gate | S | 17/06/08 |
| 097 | 2 | 25 | - | - | - | Post-ex haul road Field 4 @ gate | SE | 17/06/08 |
| 098 | 2 | 26 | - | - | - | SE facing section Field 4 WPT 180 DWG #023 | SE | 17/06/08 |
| 099 | 2 | 27 | - | - | - | SE facing section with chalk board | SE | 17/06/08 |
| 100 | 2 | 28 | - | - | - | Field 4 NE corner post-ex | SW | 17/06/08 |

| Image No. | Print | | Slide | | Digital | Description | From | Date |
|---|---|---|---|---|---|---|---|---|
| | Film No. | Neg. No. | Film No. | Neg. No. | | | | |
| 101 | 2 | 29 | - | - | - | Field 4 Post-ex NE corner | SW | 17/06/08 |
| 102 | 2 | 30 | - | - | - | Field 4 Post-ex NE corner | NW | 17/06/08 |
| 103 | 2 | 31 | - | - | - | Field 4 Post-ex NE corner | NNW | 17/06/08 |
| 104 | 2 | 32 | - | - | - | NE facing section Field 4 DWG #024 | NE | 17/06/08 |
| 105 | 2 | 33 | - | - | - | NE facing section Field 4 DWG #025 | NE | 17/06/08 |
| 106 | 2 | 34 | - | - | - | General shots of compound Field 1 | W | 18/06/08 |
| 107 | 2 | 35 | - | - | - | General shots of compound Field 1 | SW | 18/06/08 |
| 108 | 2 | 36 | - | - | - | General shots of compound Field 1 | E | 18/06/08 |
| 109 | 3 | 1 | 3 | 1 | - | ID Shot Film #3 CS+BW | - | 18/06/08 |
| 110 | 3 | 2 | - | - | - | Pre-ex Field 5 (landscape) | W | 18/06/08 |
| 111 | 3 | 3 | - | - | - | Post-ex haul road Field 4 | S | 18/06/08 |
| 112 | 3 | 4 | - | - | - | N facing sample section Field 5 DWG #026 | N | 18/06/08 |
| 113 | 3 | 5 | - | - | - | Post-ex haul road Field 5 W end | S | 18/06/08 |
| 114 | 3 | 6 | - | - | - | N facing sample section Field 5 DWG #027 | N | 18/06/08 |
| 115 | 3 | 7 | - | - | - | Post-ex haul road Field 5 WPT 247 | E | 18/06/08 |
| 116 | 3 | 8 | - | - | - | S facing sample section Field 5 DWG #028 | S | 18/06/08 |
| 117 | 3 | 9 | - | - | - | Post-ex haul road Field 5 (midway) | E | 18/06/08 |
| 118 | 3 | 10 | - | - | - | NW facing sample section DWG #029 | NW | 18/06/08 |
| 119 | 3 | 11 | - | - | - | Post-ex haul road Field 5 East end | NE | 18/06/08 |
| 120 | 3 | 12 | 3 | 2 | - | Working shot showing work done on haul road close to compound | NNW | 23/06/08 |
| 121 | 3 | 13 | - | - | - | Working shot of structure across river being top-soiled | NE | 25/06/08 |
| 122 | 3 | 14 | - | - | - | Working shot of structure across river being top-soiled | NE | 25/06/08 |
| 123 | 3 | 15 | - | - | - | Working shot of structure across river being top-soiled | SE | 25/06/08 |
| 124 | 3 | 16 | - | - | - | Working shot of structure across river being top-soiled | SE | 25/06/08 |
| 125 | 3 | 17 | - | - | - | Working shot of structure across river being top-soiled | NNE | 25/06/08 |
| 126 | 3 | 18 | - | - | - | Working shot of structure across river being top-soiled | NNE | 25/06/08 |
| 127 | 3 | 19 | - | - | - | Working shot – top-soiling of small branch off haul road taken out to accommodate trucks | E | 25/06/08 |
| 128 | 3 | 20 | - | - | - | Working shot – top-soiling of small branch off haul road taken out to accommodate trucks | NW | 25/06/08 |
| 129 | 3 | 21 | - | - | - | Working shot – top-soiling of small branch off haul road taken out to accommodate trucks | NW | 25/06/08 |
| 130 | 3 | 22 | - | - | - | Working shot – top-soiling of small branch off haul road taken | NW | 25/06/08 |

| Image No. | Print | | Slide | | Digital | Description | From | Date |
|---|---|---|---|---|---|---|---|---|
| | Film No. | Neg. No. | Film No. | Neg. No. | | | | |
| | | | | | | out to accommodate trucks | | |
| 131 | 3 | 23 | - | - | - | Shot of structure being top-soiled | W | 25/06/08 |
| 132 | 3 | 24 | 3 | 3 | - | Working shot showing pipe bridge across river and small area stripped near | NW | 25/06/08 |
| 133 | 3 | 25 | 3 | 4 | - | Working shot showing rock being taken out of structure | W | 26/06/08 |
| 134 | 3 | 26 | - | - | - | Working shot showing pipe bridge and small area stripped between bridge and ditch | SSW | 26/06/08 |
| 135 | 3 | 27 | - | - | - | Working shot showing stripping of branch of haul road leading to pipe bridge #1 | W | 26/06/08 |
| 136 | 3 | 28 | - | - | - | Working shot showing stripping of branch of haul road leading to pipe bridge #1 | W | 26/06/08 |
| 137 | 3 | 29 | - | - | - | Working shot showing stripping of branch of haul road leading to pipe bridge #1 | W | 26/06/08 |
| 138 | 3 | 30 | - | - | - | Working shot showing branch of haul road being top-soiled – facing towards main road | SSW | 27/06/08 |
| 139 | 3 | 31 | - | - | - | Working shot showing branch of haul road being top-soiled – facing away from main haul road | N | 27/06/08 |
| 140 | 3 | 32 | - | - | - | Working shot showing branch of haul road being top-soiled – facing main haul road | SSW | 27/06/08 |
| 141 | 3 | 33 | - | - | - | Working shot showing branch of haul road being top-soiled – facing away from main haul road | N | 27/06/08 |
| 142 | 3 | 34 | - | - | - | Small area (20m squared) just off haul road stripped to accommodate cabins | SE | 27/06/08 |
| 143 | 3 | 35 | - | - | - | Small area (20m squared) just off haul road stripped to accommodate cabins | S | 27/06/08 |
| 144 | 3 | 36 | - | - | - | Small area (20m squared) just off haul road stripped to accommodate cabins | S | 27/06/08 |
| 145 | 4 | 1 | - | - | - | ID Shot | - | 27/06/08 |
| 146 | 4 | 2 | - | - | - | Shot showing terminal of branch of haul road, leading to where pipe bridge #2 will go | NW | 30/06/08 |
| 147 | 4 | 3 | 3 | 5 | - | Shot showing branch of haul road leading to pipe bridge #2 in relation to main haul road and cabins (Field 5) | S | 30/06/08 |
| 148 | 4 | 4 | - | - | - | Shot showing terminal of branch of haul road (Field 5) and location of where pipe bridge #2 will go | NNE | 30/06/08 |
| 149 | 4 | 5 | - | - | - | Showing haul road, pipe bridge #1, and branch of haul road | N | 30/06/08 |

| Image No. | Print | | Slide | | Digital | Description | From | Date |
|---|---|---|---|---|---|---|---|---|
| | Film No. | Neg. No. | Film No. | Neg. No. | | | | |
| | | | | | | leading to pipe bridge #2, Field 5 | | |
| 150 | 4 | 6 | - | - | - | Showing pipe bridge #1 and structure across river | N | 30/06/08 |
| 151 | 4 | 7 | 3 | 6 | - | Shot of brick wall remnant within structures excavation | NW | 09/07/08 |
| 152 | 4 | 8 | 3 | 7 | - | Shot of demolition material from possible building | S | 09/07/08 |
| 153 | 4 | 9 | 3 | 8 | - | Shot of road leading from structure excavation that was partly destroyed | W | 09/07/08 |
| 154 | 4 | 10 | - | - | - | Working shot of stripping in Field 5 | SSW | 09/07/08 |
| 155 | 4 | 11 | - | - | - | Flooded Field 5 | NNE | 09/07/08 |
| 156 | 4 | 12 | - | - | - | Flooded Field 5 | NW | 09/07/08 |
| 157 | 4 | 13 | 3 | 9 | - | W facing section of area in field 5 | W | 15/07/08 |
| 158 | 5 | 5 | - | - | - | General site shot | SW | 08/09/08 |
| 159 | 5 | 6 | - | - | - | General site shot | SE | 08/09/08 |
| 160 | 5 | 7 | - | - | - | ID shot | - | 08/09/08 |
| 161 | 5 | 8 | - | - | - | General shot from compound | SE | 08/09/08 |
| 162 | - | - | 4 | 4 | - | ID shot | - | 08/09/08 |
| 163 | 5 | 9 | - | - | - | Working shot | NW | 08/09/08 |
| 164 | 5 | 10 | - | - | - | General shot of haul road, field 4 | SE | 08/09/08 |
| 165 | 5 | 11 | - | - | - | Pipe bridge and haul road | WNW | 08/09/08 |
| 166 | 5 | 12 | - | - | - | NNE facing section of haul road, field 4 (1) | NNE | 08/09/08 |
| 167 | 5 | 13 | - | - | - | NNE facing section of haul road, field 4 (2) | NNE | 08/09/08 |
| 168 | 5 | 14 | 4 | 5 | - | SW facing section of haul road, field 6 | SW | 08/09/08 |
| 169 | 5 | 15 | - | - | - | Working shot in field 6 | NW | 08/09/08 |
| 170 | 5 | 16 | - | - | - | Burst field drain in field 6 | NW | 08/09/08 |
| 171 | 5 | 17 | 4 | 6 | - | Field 6, haul road, general view | N | 10/09/08 |
| 172 | 5 | 18 | 4 | 7 | - | Field 6, haul road, general view | SE | 10/09/08 |
| 173 | 5 | 19 | 4 | 8 | - | Field 6, haul road, general view (middle section) | W | 10/09/08 |
| 174 | 5 | 20 | 4 | 9 | - | Field 6, haul road, general view (S end) | W | 10/09/08 |
| 175 | 5 | 21 | 4 | 10 | - | Field 6, sample section #2 | NE | 10/09/08 |
| 176 | 5 | 22 | 4 | 11 | - | Field 6, sample section #3 | SW | 10/09/08 |
| 177 | 5 | 23 | 4 | 12 | - | Field 7, general view of escarpment after stripping (E side) | W | 11/09/08 |
| 178 | 5 | 24 | 4 | 13 | - | Field 7, general view of escarpment after stripping (E side) | NE | 11/09/08 |
| 179 | 5 | 25 | 4 | 14 | - | Field 7, sample section #1 (escarpment), NE facing | NE | 11/09/08 |
| 180 | 5 | 26 | 4 | 15 | - | Field 7, sample section #2 (escarpment), SW facing | SW | 11/09/08 |
| 181 | 5 | 27 | 4 | 16 | - | Field 7, escarpment (complete) | W | 12/09/08 |

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|---|---|---|---|---|---|---|---|---|
| | Film No. | Neg. No. | Film No. | Neg. No. | | | | |
| 182 | 5 | 28 | 4 | 17 | - | Field 7, escarpment (complete) | E | 12/09/08 |
| 183 | 5 | 29 | 4 | 18 | - | Field 7, escarpment, modern burnt patch (044) | NE | 12/09/08 |
| 184 | - | - | 4 | 19 | - | Field 7, escarpment, general view after vegetation stripping | NE | 12/09/08 |
| 185 | - | - | 4 | 20 | - | Field 7, escarpment, NE-SW edge – vegetation stripped | SW | 12/09/08 |
| 186 | - | - | 4 | 21 | - | Field 7, escarpment, E end – stripping of 11/09/08 | SW | 12/09/08 |
| 187 | - | - | 4 | 22 | - | Field 7, escarpment, NE-SW edge, fully stripped (ditch [047] to foreground) | NE | 12/09/08 |
| 188 | - | - | 4 | 23 | - | Field 7, escarpment, NE-SW edge, fully stripped (ditch [047] to foreground) | NE | 12/09/08 |
| 189 | 5 | 30 | - | - | - | Field 7, escarpment, N edge | NE | 15/09/08 |
| 190 | 5 | 31 | - | - | - | Field 7, top of escarpment, NW side | NE | 15/09/08 |
| 191 | 5 | 32 | - | - | - | Field 7, newly stripped area, NE side of escarpment | NW | 15/09/08 |
| 192 | 5 | 33 | - | - | - | Field 7, newly stripped area, NE side of escarpment | SE | 15/09/08 |
| 193 | 5 | 34 | - | - | - | Field 7, N edge of escarpment – strip around base of escarpment | E | 15/09/08 |
| 194 | 5 | 35 | - | - | - | Field 7, N edge of escarpment – strip around base of escarpment | W | 15/09/08 |
| 195 | 5 | 36 | - | - | - | Field 7, N edge of escarpment – strip around base of escarpment | W | 15/09/08 |
| 196 | 6 | 36 | - | - | - | Shot of compound in Field 7 | | 15/09/08 |
| 197 | 6 | 35 | - | - | - | Working Shot | | 15/09/08 |
| 198 | 6 | 34 | - | - | - | Field 7, S edge of escarpment – vegetation stripped | | 15/09/08 |
| 199 | 6 | 33 | - | - | - | Field 7, reduction to subsoil (i) at NE-SW side of escarpment | SW | 15/09/08 |
| 200 | 6 | 32 | - | - | - | Field 7, reduction to subsoil (ii) at NE-SW side of escarpment | SW | 15/09/08 |
| 201 | 6 | 31 | - | - | - | Field 7, final reduction at NE-SW side Of escarpment | SW | 15/09/08 |
| 202 | 6 | 30 | - | - | - | General view of subsoil stripping, field 7, N side of escarpment | | 18/09/08 |
| 203 | 6 | 29 | - | - | - | Field 7, posthole [050] – pre ex | E/ vertical | 18/09/08 |
| 204 | 6 | 28 | - | - | - | Field 7, posthole [050] – section #1 | E | 18/09/08 |
| 205 | 6 | 27 | - | - | - | Field 7, posthole [050] – half-sectioned | E | 18/09/08 |
| 206 | 6 | 26 | - | - | - | Field 7, haul road sample section 3 | | 18/09/08 |
| 207 | 6 | 25 | - | - | - | Field 7, posthole [050] – fully excavated | E/ vertical | 18/09/08 |
| 208 | 6 | 24 | - | - | - | Field 7, N side of escarpment – extent of works, subsoil | SW | 18/09/08 |

| Image No. | Print | | Slide | | Digital | Description | From | Date |
|---|---|---|---|---|---|---|---|---|
| | Film No. | Neg. No. | Film No. | Neg. No. | | | | |
| | | | | | | exposed | | |
| 209 | 6 | 23 | - | - | - | Field 7, N side of escarpment – extent of works, subsoil exposed | NE | 18/09/08 |
| 210 | 6 | 22 | - | - | - | Field 7, top of escarpment (haul road) – general view | SE | 19/09/08 |
| 211 | 6 | 21 | - | - | - | Field 7, top of escarpment (haul road) – general view | NW | 19/09/08 |
| 212 | 6 | 20 | - | - | - | Field 7, top of escarpment (haul road) – sample section 4 | NW | 19/09/08 |
| 213 | 6 | 19 | - | - | - | Field 7, N side if escarpment, E end – topsoil stripped | N | 19/09/08 |
| 214 | 6 | 18 | - | - | - | Field 7, S side of escarpment, E end – topsoil stripped | NW | 19/09/08 |
| 1001 | 7 | 33 | 5 | 9 | - | Working shot | E | 16/06/08 |
| 1002 | 7 | 34 | 5 | 10 | - | Landscape (general shot) | E | 16/06/08 |
| 1003 | 7 | 35 | 5 | 11 | - | Landscape (general shot) | E | 16/06/08 |
| 1004 | 7 | 36 | 5 | 12 | - | Landscape (general shot) | E | 16/06/08 |
| 1005 | 8 | 1 | 5 | 13 | - | ID shot | | 16/06/08 |
| 1006 | 8 | 2 | - | - | - | Void | | 16/06/08 |
| 1007 | 8 | 3 | 5 | 14 | - | N facing section, trench 1 | SW | 16/06/08 |
| 1008 | 8 | 4 | 5 | 15 | - | Trench 1 | NE | 16/06/08 |
| 1009 | 8 | 5 | 5 | 16 | - | Trench 2 | S | 16/06/08 |
| 1010 | 8 | 6 | 5 | 17 | - | S facing section of trench 2 | S | 16/06/08 |
| 1011 | 8 | 7 | - | - | - | Trench 3 (northern section) | NE | 16/06/08 |
| 1012 | 8 | 8 | - | - | - | Trench 3 (southern section) | SW | 16/06/08 |
| 1013 | 8 | 9 | - | - | - | SW facing section of trench 3 | NE | 16/06/08 |
| 1014 | 8 | 10 | 5 | 18 | - | Trench 4 | NE | 16/06/08 |
| 1015 | 8 | 11 | 5 | 19 | - | NE facing section of trench 4 | SW | 16/06/08 |
| 1016 | 8 | 12 | 5 | 20 | - | NE facing section of trench 5 | SW | 17/06/08 |
| 1017 | 8 | 13 | 5 | 21 | - | Trench 5 | NE | 17/06/08 |
| 1018 | 8 | 14 | 5 | 22 | - | NE facing section of trench 6 | SW | 17/06/08 |
| 1019 | 8 | 15 | 5 | 23 | - | Trench 6 | NE | 17/06/08 |
| 1020 | 8 | 16 | 5 | 24 | - | NE facing section of trench 7 | SW | 17/06/08 |
| 1021 | 8 | 17 | 5 | 25 | - | Trench 7 | SW | 17/06/08 |
| 1022 | 8 | 18 | 5 | 26 | - | SW facing section of trench 8 | NE | 17/06/08 |
| 1023 | 8 | 19 | 5 | 27 | - | Trench 8 | SW | 17/06/08 |

*Drawing Register*

| Drawing No. | Sheet No. | Area/ Trench | Drawing Type | Scale | Description | Drawer | Date |
|---|---|---|---|---|---|---|---|
| 001 | 01 | TP 1 | Section | 1:50 | Measured sketch section of TP | KS | 13/05/08 |
| 002 | 01 | TP 2 | Section | 1:50 | Measured sketch section of TP | KS | 13/05/08 |
| 003 | 01 | TP 3 | Section | 1:50 | Measured sketch section of TP | KS | 13/05/08 |
| 004 | 01 | TP 4 | Section | 1:50 | Measured sketch section of TP | KS | 13/05/08 |
| 005 | 01 | TP 5 | Section | 1:50 | Measured sketch section of TP | KS | 13/05/08 |
| 006 | 01 | TP 6 | Section | 1:50 | Measured sketch section of TP | KS | 13/05/08 |
| 007 | 02 | Compound | Section | 1:10 | Measured sketch – sample section of compound strip | KS | 19/05/08 |
| 008 | 02 | Compound | Section | 1:10 | Measured sketch – sample section with peat depths | KS | 21/05/08 |
| 009 | 02 | Compound | Section | 1:10 | Measured sketch – sample section with Peat and NW corner | KS | 27/05/08 |
| 010 | 02 | Compound | Section | 1:10 | Measured sketch – sample section with Peat and SW corner | KS | 29/05/08 |
| 011 | 03 | Haul Rd NW | Plan | 1:50 – sketch | Sketch plan (measured) of [008] pit | KS | 29/05/08 |
| 012 | 03 | Haul Rd NW | Section | 1:10 – sketch | Sketch Ne facing section (measured) of [008] Pit | KS | 29/05/08 |
| 013 | 04 | Haul Rd NW | Section | 1:10 | (Measured sketch) sample section of Haul Road NW S end | KS | 02/06/08 |
| 014 | 04 | Haul Rd NW | Section | 1:10 | (Measured sketch) sample section of Haul Road NW N end | KS | 02/06/08 |
| 015 | 04 | Haul Rd NW | Section | 1:10 | (Measured sketch) sample section of Haul Road NW at south gate | KS | 06/06/08 |
| 016 | 04 | Field 2 | Section | 1:10 | S facing sample section from field 2 | KS | 09/06/08 |
| 017 | 04 | Field 2 | Section | 1:10 | S facing sample section from field 2 | KS | 09/06/08 |
| 018 | 05 | Field 2 | Section | 1:10 | E facing sample section of S-end Field 2 (Measured) | KS | 12/06/08 |
| 019 | 05 | Field 3 | Section | 1:10 | NE facing sample section field 3 | KS | 16/06/08 |
| 020 | 05 | Field 3 | Section | 1:10 | NE facing sample section field 3 | KS | 16/06/08 |
| 021 | 05 | Field 3 | Section | 1:10 | NE facing sample section haul road field 3 | KS | 16/06/08 |
| 022 | 06 | Field 4 | Section | 1:10 | SE facing sample section haul road field 4 | KS | 17/06/08 |
| 023 | 06 | Field 4 | Section | 1:10 | SE facing sample section haul road field 4 | KS | 17/06/08 |
| 024 | 06 | Field 4 | Section | 1:10 | SE facing sample section haul road field 4 | KS | 17/06/08 |
| 025 | 06 | Field 4 | Section | 1:10 | SE facing sample section haul road field 4 | KS | 17/06/08 |
| 026 | 07 | Field 3 | Section | 1:10 | N facing sample section haul road field 5 | KS | 18/06/08 |
| 027 | 07 | Field 3 | Section | 1:10 | N facing sample section haul road field 5 | KS | 18/06/08 |
| 028 | 07 | Field 3 | Section | 1:10 | S facing sample section haul road field 5 | KS | 18/06/08 |
| 029 | 07 | Field 3 | Section | 1:10 | NW facing sample section haul road field 5 | KS | 18/06/08 |

| Drawing No. | Sheet No. | Area/ Trench | Drawing Type | Scale | Description | Drawer | Date |
|---|---|---|---|---|---|---|---|
| 030 | 08 | Structure | Section | 1:10 | NE facing sample section structure | DG | 25/06/08 |
| 031 | 08 | Structure | Section | 1:10 | N facing sample section structure | DG | 25/06/08 |
| 032 | 08 | Field 5 | Section | 1:10 | N facing sample section haul road field 5 | DG | 26/06/08 |
| 033 | 08 | Field 5 | Section | 1:10 | NW facing sample section field 5 | DG | 26/06/08 |
| 034 | 08 | Field 5 | Section | 1:10 | E facing section haul road field 5 | DG | 27/06/08 |
| 035 | 09 | Field 5 | Section | 1:10 | W facing section haul road field 5 | DG | 27/06/08 |
| 036 | 09 | Field 5 | Section | 1:10 | E facing sample section haul road field 5 | DG | 27/06/08 |
| 037 | 09 | Field 5 | Section | 1:10 | W facing sample section haul road field 5 | DG | 27/06/08 |
| 038 | 09 | Field 5 | Section | 1:10 | E facing sample section haul road field 5 | DG | 27/06/08 |
| 039 | 09 | Field 5 | Section | 1:10 | NE facing 1m sample section – field 5 | DG | 27/06/08 |
| 040 | 09 | Field 5 | Section | 1:10 | SE facing 3m sample section – field 5 | DG | 27/06/08 |
| 041 | 10 | Field 5 | Section | 1:10 | E facing sample section haul road field 5 | DG | 27/06/08 |
| 042 | 10 | Field 5 | Section | 1:10 | NNE facing section sample of area south of compound, between haul roads | KP | 09/07/08 |
| 043 | 10 | Field 5 | Section | 1:10 | W facing sample section field 5 | DG | 15/07/08 |
| 044 | 11 | Field 4 | Section | 1:10 | NNE facing section of haul road (sample 1) | KP | 08/09/08 |
| 045 | 11 | Field 4 | Section | 1:10 | NNE facing section of haul road (sample 2) | KP | 08/09/08 |
| 046 | 11 | Field 6 | Section | 1:10 | SW facing section of haul road field 6 | KP | 08/09/08 |
| 047 | 11 | Field 6 | Section | 1:10 | Field 6, sample section # 2 (NE facing) | CLT | 10/09/08 |
| 048 | 11 | Field 6 | Section | 1:10 | Field 6, sample section # 3 (SW facing) | CLT | 10/09/08 |
| 049 | 11 | Field 7 | Section | 1:10 | Field 7, escarpment, sample section # 1 (NE facing) | CLT | 11/09/08 |
| 050 | 11 | Field 7 | Section | 1:10 | Field 7, escarpment, sample section # 2 (SW facing) | CLT | 11/09/08 |
| 051 | 11 | Field 7 | Section | 1:10 | Field 7, posthole [050] – half sectioned | CLT | 18/09/08 |
| 052 | 11 | Field 7 | Section | 1:10 | Field 7, NW facing sample section # 3 (N side escarpment) | CLT | 18/09/08 |
| 053 | 11 | Field 7 | Section | 1:10 | Field 7 top of escarpment (haul road), NW facing sample section # 4 | CLT | 19/09/08 |
| 1001 | 12 | 1 | Plan | 1:100 | Plan of trench 1 | SB | 16/06/08 |
| 1002 | 12 | 1 | Section | 1:10 | N facing section of trench 1 | SB | 16/06/08 |
| 1003 | 12 | 2 | Plan | 1:100 | Plan of trench 2 | SB | 16/06/08 |
| 1004 | 12 | 2 | Section | 1:10 | S facing section of trench 2 | SB | 16/06/08 |
| 1005 | 12 | 3 | Plan | 1:100 | Plan of trench 3 | SB | 16/06/08 |
| 1006 | 12 | 3 | Section | 1:10 | S facing section of trench 3 | SB | 16/06/08 |
| 1007 | 12 | 4 | Plan | 1:100 | Plan of trench 4 | SB | 16/06/08 |
| 1008 | 12 | 4 | Section | 1:10 | NE facing section of trench 4 | SB | 16/06/08 |
| 1009 | 13 | 5 | Plan | 1:100 | Plan of trench 5 | SB | 17/06/08 |

| Drawing No. | Sheet No. | Area/ Trench | Drawing Type | Scale | Description | Drawer | Date |
|---|---|---|---|---|---|---|---|
| 1010 | 13 | 5 | Section | 1:10 | NE facing section of trench 5 | SB | 17/06/08 |
| 1011 | 13 | 6 | Plan | 1:100 | Plan of trench 6 | SB | 17/06/08 |
| 1012 | 13 | 6 | Section | 1:10 | NE facing section of trench 6 | SB | 17/06/08 |
| 1013 | 13 | 7 | Plan | 1:100 | Plan of trench 7 | SB | 17/06/08 |
| 1014 | 13 | 7 | Section | 1:10 | NE facing section of trench 7 | SB | 17/06/08 |
| 1015 | 13 | 8 | Plan | 1:100 | Plan of trench 8 | SB | 17/06/08 |
| 1016 | 13 | 8 | Section | 1:10 | N facing section of trench 8 | SB | 17/06/08 |

*Finds Register*

| Find No. | Area/ Trench | Context No. | Material Type | Description | Excavator | Date |
|---|---|---|---|---|---|---|
| 001 | Haul Rd NW Field 1 | 011 | Flint | Burnt and chemically affected flints, some reworked | KS | 29/05/08 |
| 002 | Field 2 | 013 | Flint | Fragment (very rough and small) of flint – better quality than previous flint find | KS | 09/06/08 |
| 003 | Field 2 | 014 | Slag | Metal slag 0.1m by 0.08m (bulbous) | KS | 11/06/08 |
| 004 | Structure | 023 | Flint | 1 x burnt flint | DG | 25/06/08 |
| 005 | Structure | 023 | Flint | 1 x worked flint | DG | 25/06/08 |
| 006 | Structure | 026 | Flint | 3 x burnt flint | DG | 25/06/08 |
| 007 | Structure | 023 | Flint | 1 x burnt flint | DG | 25/06/08 |
| 008 | Structure | 023 | Flint | 1 x burnt flint | DG | 25/06/08 |
| 009 | Structure | 026 | Flint | 1 x burnt flint | DG | 25/06/08 |
| 010 | Structure | 026 | Flint | 1 x burnt flint | DG | 25/06/08 |
| 011 | Structure | 023 | Metal | 1 x bronze coin (0.03m diameter) | DG | 26/06/08 |
| 012 | Field 5 | 031 | Metal | 2 x metal objects | KP | 09/07/08 |
| 013 | Field 5 | 031 | Ceramic | 3 x probable tile fragments | KP | 09/07/08 |
| 014 | Field 5 | 035 | Ceramic | 2 x glazed ceramic | KP | 09/07/08 |
| 015 | Field 4 | 020 | Ceramic | 3 x white glazed and decorated pottery fragments | KP | 08/09/08 |

*Sample Register*

| Sample No. | Area/ Trench | Context No. | Sample Type | Description | Excavator | Date |
|---|---|---|---|---|---|---|
| 001 | Field 7 | 051 | Bulk | Charcoal | CLT | 18/09/08 |

# Appendix 3: Discovery & Excavation in Scotland

| | |
|---|---|
| **LOCAL AUTHORITY:** | East Renfrewshire |
| **PROJECT TITLE/SITE NAME:** | Blackhouse, White Cart Flood Prevention |
| **PARISH:** | Eaglesham and Mearns |
| **NAME OF CONTRIBUTOR:** | Douglas Gordon |
| **NAME OF ORGANISATION:** | Rathmell Archaeology Limited |
| **TYPE(S) OF PROJECT:** | Strip, map and Sample; Evaluation |
| **NMRS NO(S):** | |
| **SITE/MONUMENT TYPE(S):** | |
| **SIGNIFICANT FINDS:** | Flint |
| **NGR** (2 letters, 6 figures) | NS537 532 |
| **START DATE** (this season) | 19th May 2008 |
| **END DATE** (this season) | 23rd September 2008 |
| **PREVIOUS WORK** (incl. *DES* ref.) | None |
| **PROPOSED FUTURE WORK:** | None |
| **MAIN (NARRATIVE) DESCRIPTION:** (may include information from other fields) | A programme of archaeological investigative works was undertaken in respect of the development of White Cart Flood Prevention Scheme at Blackhouse (NGR NS537 532). Archaeological mitigation works were carried out from the 19th May to the 23rd September 2008 and comprised an archaeological evaluation of 8 trenches and the continuous monitoring of topsoil stripping for haul roads and compound located within open farmland which will be impacted upon by the extraction. These trenches totalled some 793m$^2$, slightly exceeding the 5% requirement for the study area. While a total of 21303 m$^2$ was monitored.<br><br>All evaluation trenches exhibited a fairly common stratigraphic sequence with topsoil which varied in depth from 200mm to 360mm though was generally about 300mm deep. The topsoil overlay varying clay subsoil<br><br>No significant archaeology were recorded during the evaluation or strip, map and sample. On balance, we have recommended that no further archaeological works are appropriate given that these works have investigated a significant portion of the development area and have failed to identify any significant archaeology. |
| **PROJECT CODE:** | RA07055b |
| **SPONSOR OR FUNDING BODY:** | Carillion Capital Projects Ltd |
| **ADDRESS OF MAIN CONTRIBUTOR:** | 8 Ashgrove Workshops, Kilwinning, Ayrshire KA13 6PU |
| **E MAIL:** | contact@rathmell-arch.co.uk |
| **ARCHIVE LOCATION** (intended/deposited) | Report to West of Scotland Archaeology Service and archive to National Monuments Record of Scotland. |

# Contact Details

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The West of Scotland Archaeology Service can be contacted at their office or through the web:

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Charing Cross Complex
20 India Street
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www.wosas.org.uk

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t.: f.:
e.:

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