

**Western Link Northern Point of Connection:  
Hunterston to Ardneil Bay;  
Archaeological Watching Brief**  
Data Structure Report

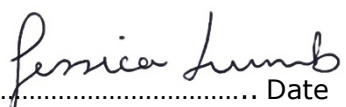


by Jessica Lumb and Katie Sludden  
issued 28<sup>th</sup> November 2014  
on behalf of RSK Environment Ltd

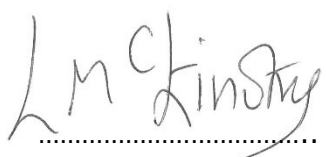
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## Non-Technical Summary

1. Rathmell Archaeology carried out archaeological monitoring works from 24th June to the 29th September 2014 on the route of the northern section of the Western Link High Voltage Direct Current (HVDC) cable. The northern section of the cable route runs for 4km from Ardnail Bay to the new converter station and substation. Hunterston East, West Kilbride, North Ayrshire.
2. The archaeological works monitored the removal of topsoil from the line of the cable route, drainage and haul road associated with the cable route. During the works a series of minor archaeological features such as pits, postholes and ditches were uncovered and recorded.
3. No major significant archaeological features were uncovered in the course of the works.

## Introduction

4. This Data Structure Report has been prepared for RSK Environment Ltd (RSK) on behalf of their client Prysmian Group in respect of the construction of the Northern Section of the Western Link High Voltage Direct Current (HVDC) Cable Route. The archaeological works were designed to mitigate the impact on the archaeological remains within the development area.
5. Prysmian Group was appointed as Main Works Contractor to the Western Link (a consortium comprising National Grid Electricity Transmission (NGET) and Scottish Power Transmission (SPT)) to install the cable and associated infrastructure.
6. The onshore development subject to an archaeological watching brief comprises approximately 4km of underground HVDC cable from a landfall at Ardnail Bay, North Ayrshire through mainly agricultural land to a converter station and substation at Hunterston East (planning reference for the converter station and substation: N/11/00708/PPPM). The onshore HVDC cable route is identified in Figure 1. This forms a component of the Western HVDC Link, which also includes the construction of a marine cable between Ardnail Bay and Leishowe near Wirral, and the construction of a corresponding onshore cable (the Southern Point of Connection), converter and substation at Connah's Quay, Flintshire, Wales.
7. Rathmell Archaeology Limited were appointed by RSK on behalf of their clients to undertake the implementation of archaeological monitoring works during the development of the site. The project works were specified in the Written Scheme of Investigation (RSK 2014), which was agreed with the West of Scotland Archaeology Service (WoSAS). All archaeological monitoring works were undertaken in keeping with the Written Scheme of Investigation (RSK 2014).

## Historical and Archaeological Background

8. NGET and SPT undertook a non-statutory Environmental Appraisal of the onshore development, the results of which are outlined in NGET and SPT (2011) Underground Cable Environmental Appraisal Supporting Report: Northern Point of Connection: Hunterston – Ardnail Bay Underground HVDC Cable (EA).
9. Further to this the development has been subject to an archaeological appraisal that informed the Written Scheme of Investigation for Archaeological Mitigation by RSK (RSK, 2014). We assume within this report the reader's familiarity with this preceding document which is the basis for understanding the known landuse history of the area.

## Project Works

10. The programme of archaeological monitoring works were carried out intermittently over a period between 24<sup>th</sup> June 2014 and 29<sup>th</sup> September 2014. The works undertaken by Rathmell Archaeology Ltd were consistent with the terms outlined in the Written Scheme of Investigation for Archaeological Mitigation (RSK 2014).



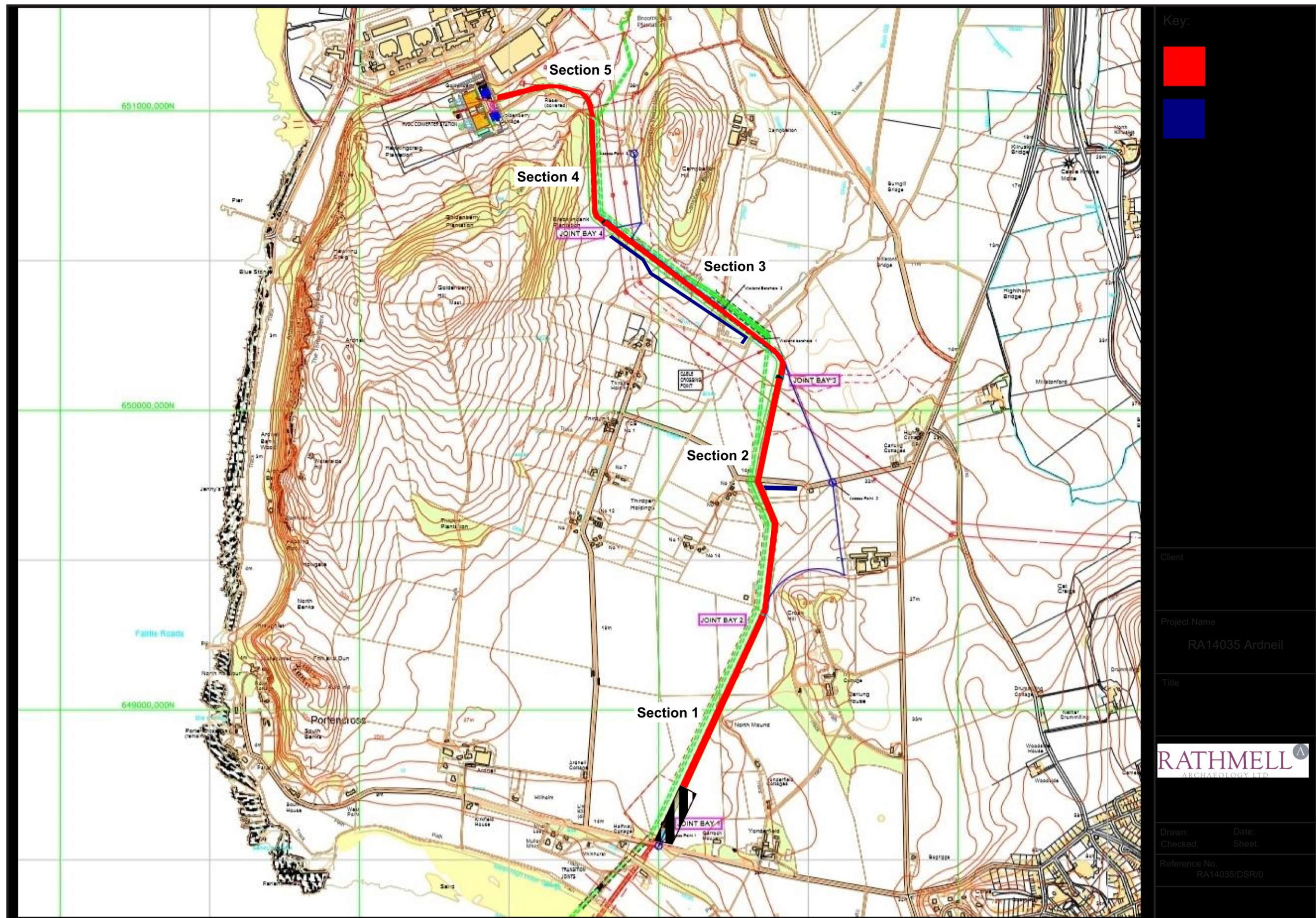


Figure 1: Cable Route



11. The ground breaking works, which included the cable route, compound strip, the haul road strip and adjacent drainage emplacement, were carried out by 3600 mechanical excavators and were agreed between RSK, WoSAS and Prysmian (e.g. under powerlines) a D6 Dozer. With the average width of the stripped area being 16m wide. Along the 4km length of the route any potentially significant archaeological features, structures or deposits encountered were recorded by the archaeologist on site, using Rathmell Archaeology Ltd standard methods. All contexts, small finds and environmental samples were given unique numbers with bulk finds collected by context. Where National Grid References (NGR) are given these were taken with a handheld GPS device with an accuracy of +/-3m.
12. With the agreement of RSK, Prysmian and WoSAS, several elements of the cable route were not subject to archaeological watching brief.
13. These included the section of the easement from Section 4 to the tie-in at the new Hunterston Converter Station (NS 187 509 to NS 184 510). This section of the cable had previously been subject to archaeological trial trenching (see Gordon 2013). In addition, the route as depicted in Figure 1 included two "trenchless" horizontal directional drill (HDD) sections. Only the launch and reception pits for the HDDs were monitored.
14. All works complied with West of Scotland Archaeology Service Standard Conditions, the Institute for Archaeologist's Standards and Policy Statements and Code of Conduct and Historic Scotland Policy Statement.
  - Where coordinates have been reported in the document to locate discrete features, what method was used to record their location (e.g. GPS, total station) with an indication of likely accuracy
  - Average stripped width of the easement (e.g. typically 16m wide)
  - References to the quoted standards, codes and policy statement

## Findings

15. The results of the archaeological monitoring are presented below. The works have been presented as they were organised on site, grouped by compound area and sections 1-4 (Figures 1, 2, 5, 7 and 10).

### *Compound*

16. Monitoring of the compound strip took place between the 24<sup>th</sup> June 2014 and the 21<sup>st</sup> July 2014. The compound is located on the north side of the B7048 at Ardnail Bay, West Kilbride, between Halfway Cottage and Garroch House. Excavation works were carried out by Murphy Group, a third party contractor, monitored by a Rathmell Archaeologist and a Murphy Banksman. The compound strip commenced at the bell-mouth entranceway, north of the B7048, retaining the majority of the present field boundary along the B7048. The strip then moved northwards towards the start of Section 1 at NS 19071 48678, in the northwest corner of the compound (Figure 1 and 2).
17. Excavation across the compound reduced the area through the topsoil (001), which was 0.3m to 0.5m in thickness and exposed a light brown and orange sandy gravel (002) natural subsoil. Topsoil (001) was loose, mid brownish slightly humic grey sandy silt, with occasional small to medium stones and three fragments of modern glazed ceramic <001>. The compound strip measured approximately 1.25 hectares in total.
18. The reduction of topsoil (001) over the compound exposed a total of eight features; four postholes: [008], [010], [012] and [015]; a pit: [018]; and three furrows: [004], [006] and [033]. No artefacts were recovered from any of these features.
19. Postholes [008] and [010] both sat in relative isolation, located at NS 19028 48575 and NS 19029 48588 respectively. Posthole [008] measured 150mm in diameter by 70mm deep. It was noted that the fill (007) contained possible packing stones but considering the gravel subsoil (002) and the ephemeral and mixed nature of the deposit (007) this was not definitive. Posthole [010] was similar to [008] measuring 200mm in diameter by 80mm deep. Its fill (009) was also mixed and shallow. It is also possible that both of these features may be stone-throws or of some other natural origin.

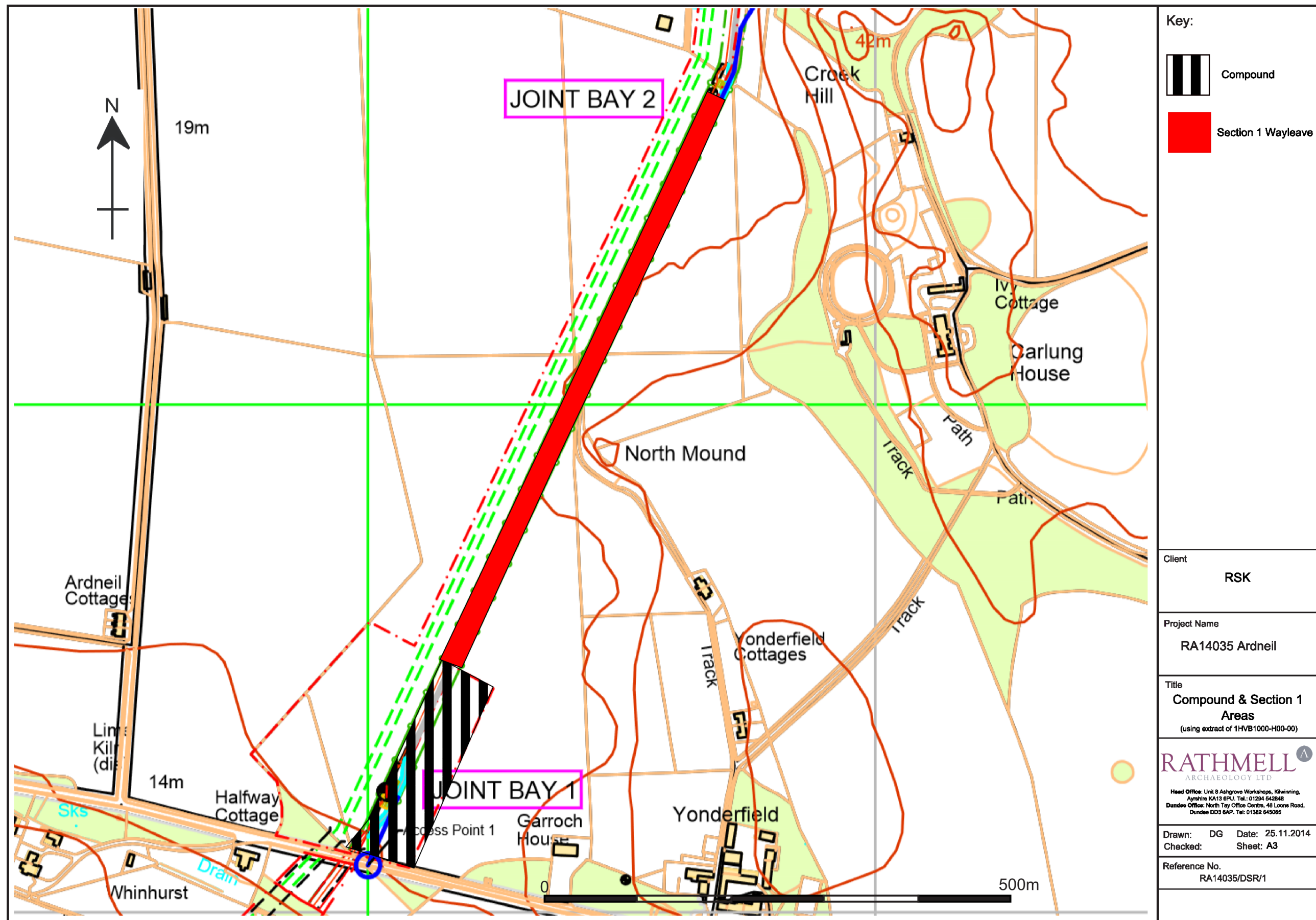


Figure 2: Map of section 1

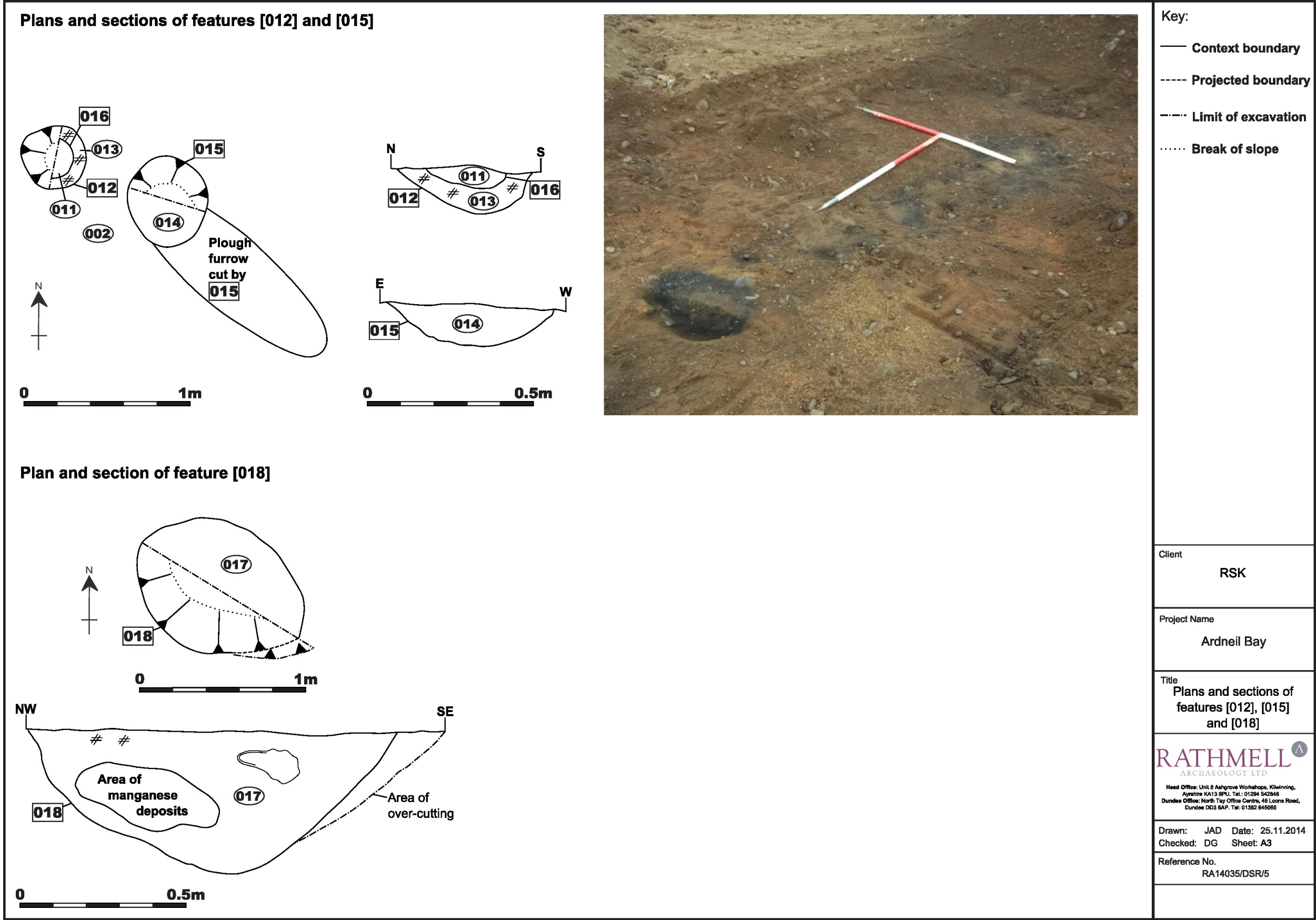


Figure 3: Plans and sections of features [012], [015] and [018]

20. Postholes [012] and [015] were located within a metre of one another, located at NS 19054 48604 and NS 19055 48604 respectively (see Figure 3 and 4a). [012] measured 400mm by 350mm by 140mm deep and was filled by (011), a silt deposit and (013), a charcoal rich silty deposit containing some fire-cracked stone. Posthole [015] measured 500mm in diameter by 100mm deep and was filled by silty deposit (014). Posthole [015] truncated the southern end of possible plough furrow [033].
21. Pit [018] was isolated, located at NS 19079 48653; an oval cut orientated northwest to southeast measuring 1.1m by 0.8m by 420mm deep with sharp sides on its northwest end and a concave rounded base and gentle sloping sides on its southeast end. Pit [018] was filled by a dark mixed silty sand (017) and contained lenses of charcoal concentrated around its base. No dateable artefacts were recovered from this context.
22. Two plough furrows were recorded during the compound strip: [004] and [006]. Furrow [004] (Figure 4b) was orientated east-south-east to west-north-west running from NS 19011 48593 to NS 19003 48958, measuring 0.8m wide by up to 35m long by 80mm deep. It was filled by a loose light grey sandy silt (003). Furrow [006] was orientated north to south from NS 19032 48582 to NS 19028 48565, measuring 0.8m wide by 17m long by 190mm deep. It was also filled by a loose light grey sandy silt (005).

### Section 1

23. Monitoring of section 1 took place between the 21<sup>st</sup> July 2014 and 25<sup>th</sup> July 2014 commencing at NS 19071 48678, in the northwest corner of the compound and running northeast to NS 19350 49330, excluding 100m of the Western side of the wayleave from NS 19300 49040 to 19350 49330, which is included in section 2 (Figure 2). Two 13 tonne 360° tracked mechanical excavators were used in this section.
24. Excavation in section 1 reduced the area through the topsoil (001), which was 300mm in average thickness and again exposed natural subsoil (002). Section 1 measured approximately 0.45 hectares in total.
25. The reduction of topsoil (001) over the cable route exposed a total of five features: a pit: [020]; two field boundary walls and associated farmers track: (024), (025) and [028] and a field drain: [031]. In addition to these features two deposits were recorded under the topsoil (001): ploughsoil (019) and hillwash (022). A field drain [032] and a plough scar (026) were also recorded.
26. Pit [020] also sat in an isolated position, and was sub-oval in plan, orientated east to west, located along the eastern edge of the route strip at NS 19107 48784. It measured 1.4m by 700mm by 100mm deep. It had shallow sloping sides to a sub-flattened undulating base and was filled by (021): loose to moderately compact dark greyish brown silty sand with degraded wood and frequent small stones. Two metal nail fragments <002> were recovered from this deposit.
27. Two upstanding field boundary walls had to be reduced for the emplacement of the cable route: (024) and (025). Wall (024) was orientated north to south, running for c.80m along the bottom southwest slope of the 'North Mound': a natural hillock located at the corner of the field system from NS 19217 49012 to NS 19214 49029. (024) measured 1.2m high by 600mm wide consisting of coarse drystone construction using sandstone, with two upper repointed (cemented) layers of stone. Wall (024) was reduced to ground level with foundations left *in situ* to be constructed over by the haul road emplacement.
28. During the reduction of (024), a farmer's track [028] was exposed abutting its west side, under approximately 100mm of topsoil (001). This was composed of small angular stones and bitumen measuring 2.5m wide by at least 25m long (within area strip), and at least 200-300mm deep, and was also retained *in situ*. Wall (025) formed a gate with (024) at the corner of the field system, the wall started at NS 19215 49043 and was reduced up to NS 19231 49044. It was orientated roughly east to west and ran more than 100m to the east of the cable route strip. Wall (025) measured up to 1.7m high by 1m wide consisting of coarse drystone construction using sandstone, with two upper repointed (cemented) layers of stone.





Figure 4a: General shot of posthole [012] half-sectioned and Pre-ex of posthole [015].



Figure 4b: General Pre-ex shot of [004] plough furrow from the east-southeast.



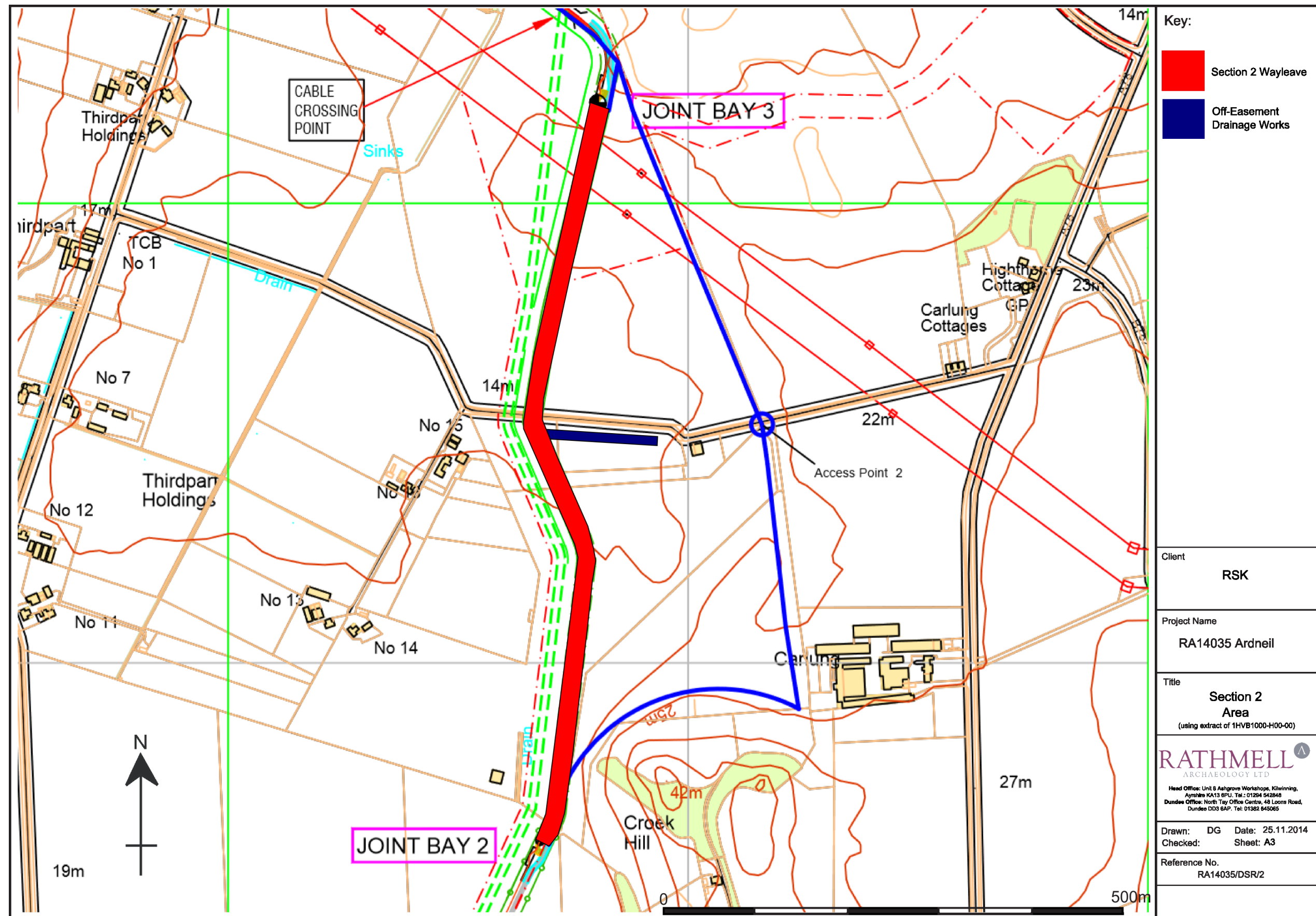


Figure 5: Map of section 2



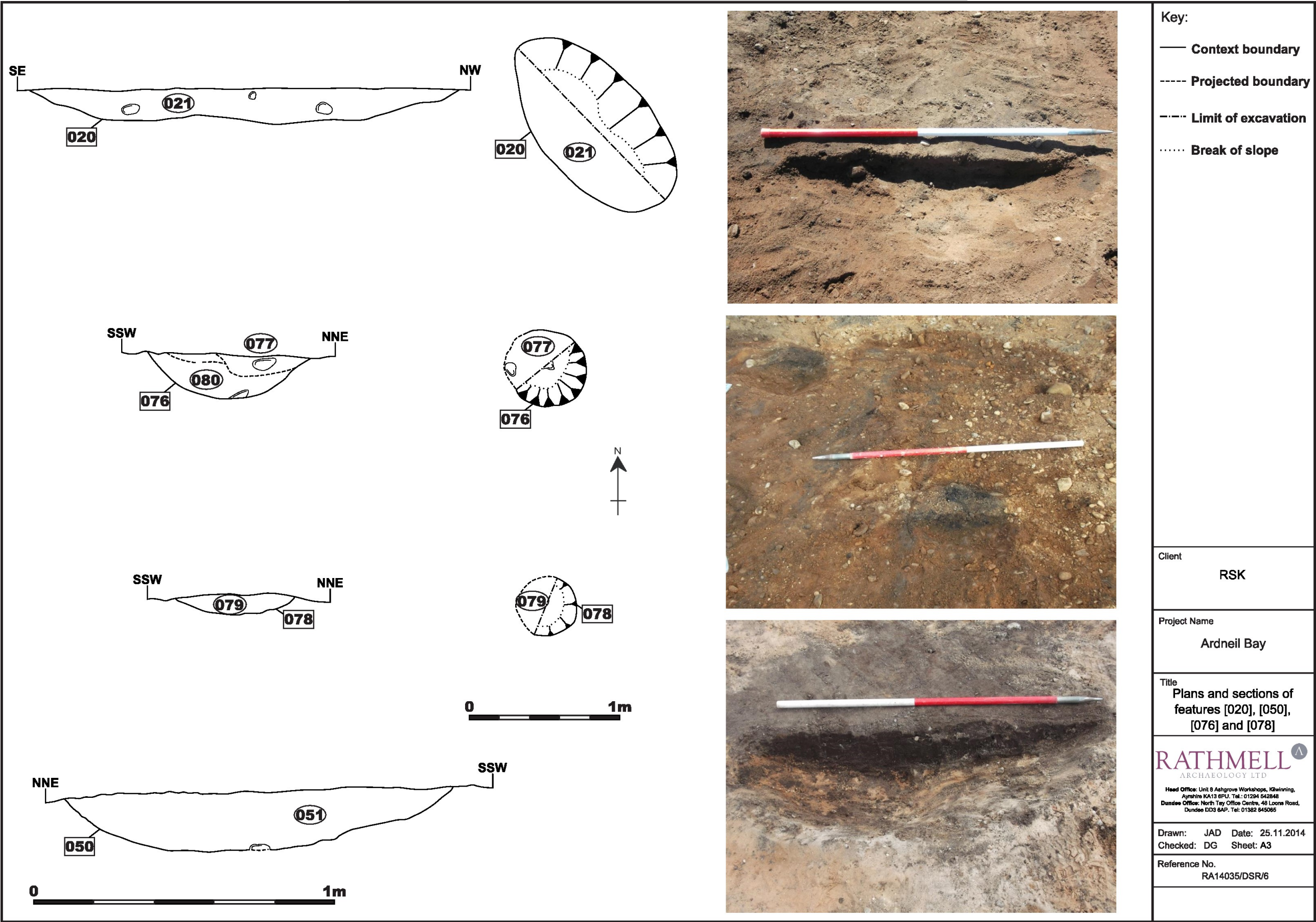


Figure 6: plans and sections of features [020], [050], [076] and [078]

## Section 2

29. Monitoring of works in this area took place intermittently between the 18<sup>th</sup> of August 2014 and 15<sup>th</sup> of September 2014 in several stages. This area comprised approximately 100m of the western side of the wayleave from NS 19300 49040 to 19350 49330, and the full width of the wayleave from NS 19350 49330 to 19402 50110 containing two buffer zones for overhead services (Figure 5). The topsoil (001) was removed in this area with a 13 tonne 360° tracked mechanical excavator in all areas, apart from the buffer zone for the 11kv overheads and a small portion of the buffer zone for the 400kv overheads, in which a D6 dozer was used.
30. Topsoil stripping across the buffer zone under the 11kv overheads and the haul road south of Thirdpart Holding Road was undertaken first, leaving the eastern side of the area (the site of the cable route) *in situ* until drainage could be installed. The eastern side of the wayleave to the south of Thirdpart Holding Road, was stripped after drainage was installed. North of Thirdpart Holding Road, the eastern side was stripped first, allowing for movement of spoil and vehicles. The remaining western strip of the wayleave (approx. 7m wide), from the Thirdpart Holding Road to the end of section 2 (and into section 3), was not continuously monitored by an archaeologist, but was topsoil stripped by 360° excavator over the course of a weekend under the supervision of a banksman and left fenced off until the area could be checked and recorded by an archaeologist before further works were carried out.
31. The topsoil (001) in this area was 300mm in average thickness and exposed natural subsoil (002) across the majority of the area. The exception to this was the area North of Thirdpart Holding Road which ran for approximately 250m, where the subsoil was a loose to friable, white to light yellow sand (122).

Removal of the topsoil (001) in this area revealed a total of 34 features. Of these features, five were of archaeological interest; three postholes: [076] and [078]; and three pits: [050], [081] and [087].

32. Postholes [076] and [078] (Figure 6) were both located at NS 19340 49298, sat approximately 1m apart. Their close proximity and similarity in fill suggests that the two may have been associated. Posthole [076] was sub circular in plan, measuring 540mm by 490mm by 150mm deep with a friable dark brown sandy silt fill (077) with inclusions of frequent charcoal and small to medium sub angular stones. Posthole [078] was also sub circular in plan, measuring 390mm by 340mm by 70mm with two fills. The primary fill (079) consisted of friable to firm, light to mid orange brown silty sand, with inclusions of small pebbles, which may represent redeposited natural; while the secondary fill (080) was made up of friable dark brown sandy silt, with inclusions of frequent charcoal and small sub angular and rounded stones, similar to (077).
33. Pit [050] (Figure 6) was oval in plan measuring 1.4m by 930mm by 200mm deep and orientated east-north east to west-south-west. It was filled by (051); a firm dark brown sandy silt with inclusions of frequent quartz pebbles and infrequent small stones. Pit [050] was recorded in close proximity to a possible remnant field boundary, [060] and [096], located at NS 19385 49578 and running in a north-westerly direction. This feature is visible on the 1st Edition Ordnance Survey map of 1858.
34. Pit [081] (Figure 9b) was sub oval in plan, measuring 1.1m by 750mm by 270mm deep and oriented east-north-east to west-north-west. It was filled with friable mid-brown slightly silty sand (082) with inclusions of fine roots. Pit [081] sat in an isolated position, located at NS 19368 49380 near the northwest base of Croek Hill.
35. Pit [087] (Figure 8); located at NS 19380 49653 was again in an isolated position. It was oval in plan, measured 700mm by 650mm by 180mm deep, and was filled by (088); a compact to firm mid to dark brown slightly sandy silt with inclusions of charcoal and fine roots. No finds were recovered from this context.



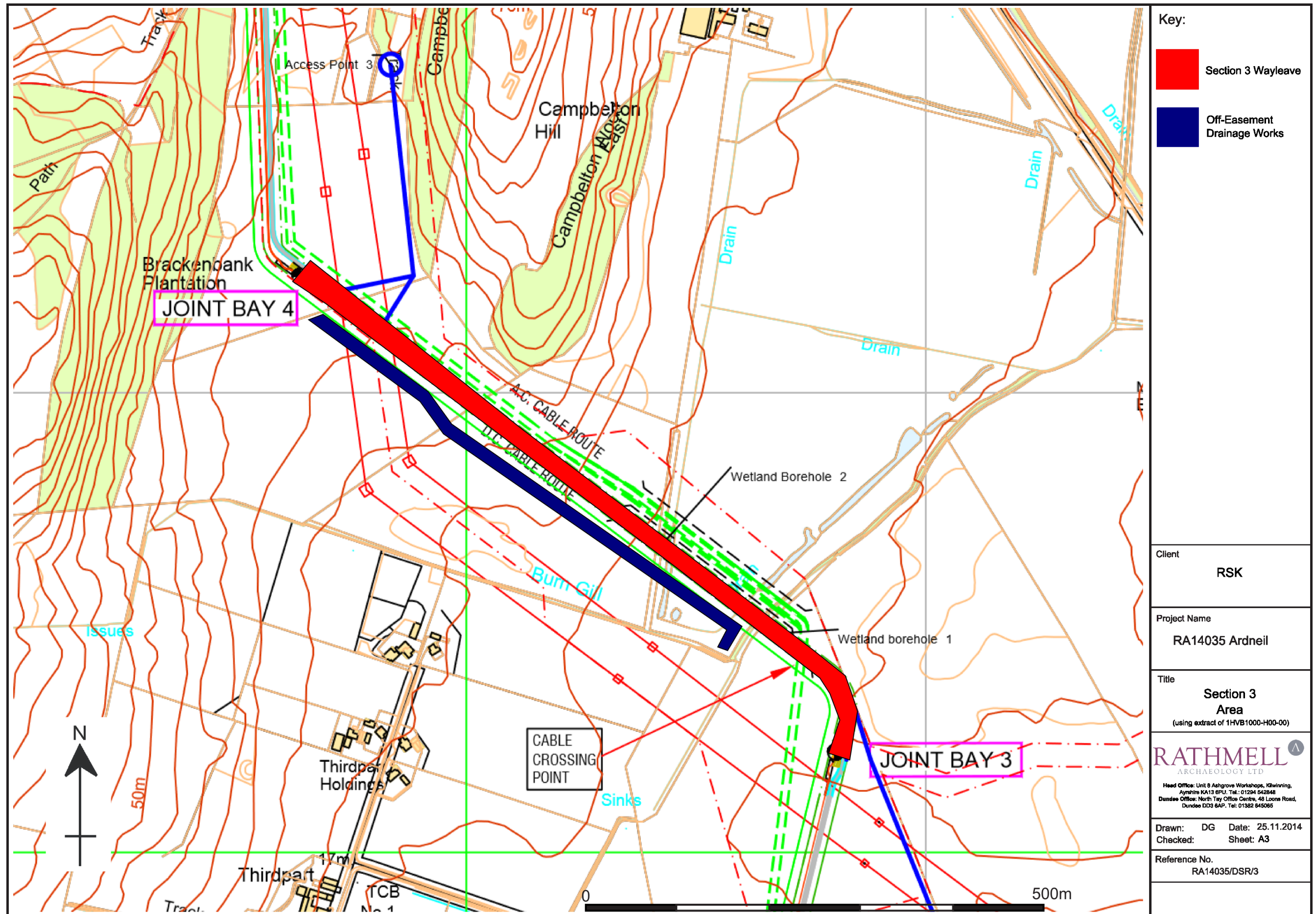


Figure 7: Map of section 3



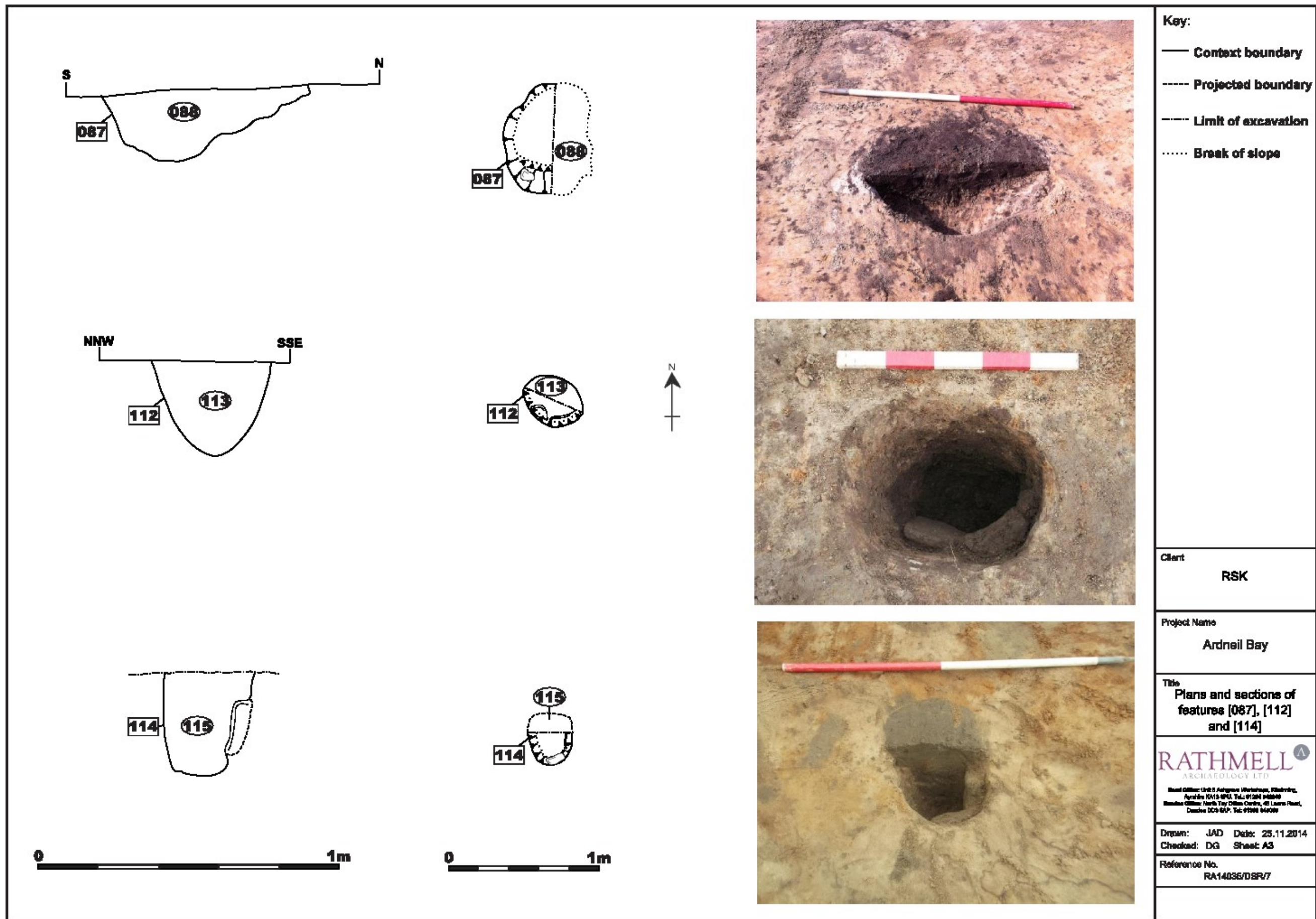


Figure 8: Plans and sections of [087], [112], and [114]

36. Of the remaining features, eight were interpreted as plough furrows: [033], [040], [042], [044], [046], [056], [066] and [116]; nine were recorded as natural features or the result of bioturbation: [036], [055], [068], [085], [089], [091], [098], [102], and [104]; three were modern postholes [062], [083] and [100]; four were field drains [031], [032], [048] and [064]; one was a plough scar [034]; and [064]; two were interpreted as remnant field boundaries [060]/[096] (visible on the 1st Edition Ordnance Survey Map 1858) and [094]; and two were too truncated to give a definitive interpretation: [075] and [107]. Several ceramic pipe field drains [120] (Figure 13a and 13b) were also encountered and investigated as per the Written Scheme of Investigation (RSK 2014).

### *Section 3*

37. Monitoring of works in this area took place between the 16th of September 2014 and 24<sup>th</sup> of September 2014. This area comprised approximately 620m along the length of the wayleave, approximately from NS 19402 50110 to NS 50630 18820 (Figure 7) and contained one buffer zone for overhead services. The topsoil (001) was removed in this area with a 13 tonne 360° tracked mechanical excavator in all areas.
38. The topsoil (001) in this area was 300mm in average thickness and exposed natural subsoil (002), apart from the area from NS19400 50115 to NS 19365 50200, where the subsoil consisted of subsoil (122).
39. Reduction of the topsoil (001) in this area revealed a total of three features: two postholes [112] and [114], and a ditch [108]. An upstanding field boundary wall (124) was also reduced for the purposes of the works.
40. Postholes [112] and [114] (Figure 8) were recorded as having a possible relationship due to their similarity in dimensions, fill and inclusions. Posthole [112] was sub circular in plan, measuring 400mm by 350mm by 140mm deep and filled by (113), a moderately compact, dark brown/black silt with substantial inclusions of charcoal, some burnt stone and ash. Posthole [112] also included three stones, interpreted as possible packing for a post (Figure 11a).
41. Posthole [114] was circular in plan, measuring 440mm by 430mm by 280mm deep and was filled by (115): a firmly compacted dark brown sandy silt with inclusions of large sub angular stones. These stones were interpreted as packing for a post, similar to those in [112]. Both [112] and [114] were found beneath wall (124) on the same delineation.
42. Wall (124) was an upstanding dry stone wall, 800mm to 1m high by 400-600mm wide with roughly eight courses of large sub angular light brown/pink sandstone. It was reduced within the wayleave and left in situ to the southwest (Figure 11b).
43. Ditch [108] was linear in plan, measured 15m by 4m by 780mm deep and had three fills. The primary fill (109) consisted of a firm dark brown/grey sandy silt with an inclusion of wood. The secondary fill (110) was a moderately compact mid brown/grey silty sand with inclusions of charcoal and small stones; and the upper fill (111) was a loose light brown/white sand with inclusions of pea gravel. This feature is not visible on the Ordnance Survey maps.





Figure 9a: General section shot of natural hollow [118] and field drain [120].



Figure 9b: General post ex shot of pit [081] from the West.



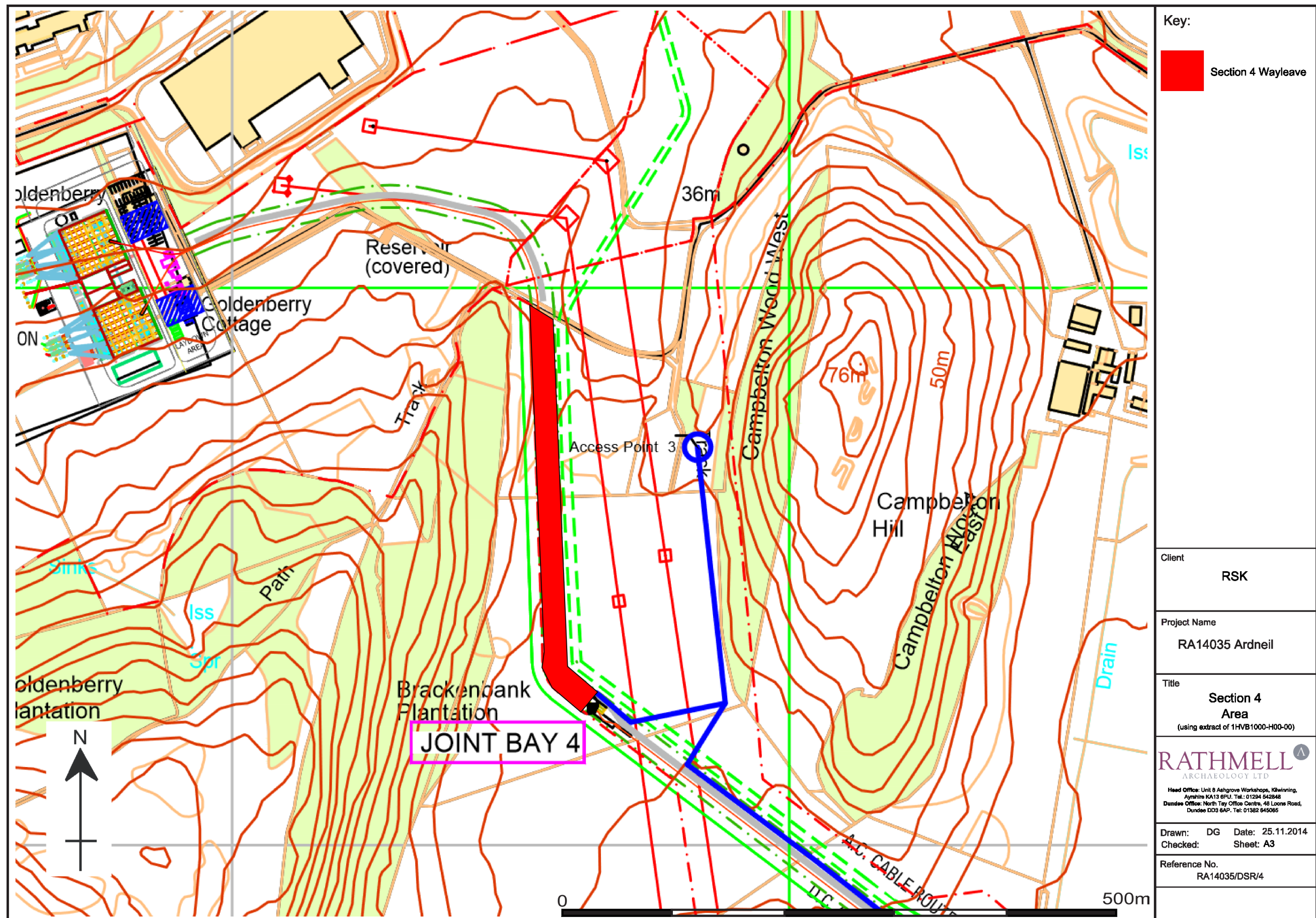


Figure 10: Map of Section 4

## Section 4

44. Monitoring of works in this area took place between the 24th of September 2014 and the 29<sup>th</sup> of September 2014. This area comprises approximately 350m of the length of the wayleave from NS 50630 18820 to Goldenberry Road (Figure 10). The topsoil (001) was removed in this area with a 13 tonne 360° tracked mechanical excavator (Figures 12a and 12b).
45. The topsoil (001) in this area was 300mm in average thickness directly overlying natural subsoil (002).
46. The last approximately 150m of the Section 4 strip was on the lower slope of Goldenberry Hill. During the removal of topsoil on this last portion it became evident that that a hillwash (125) was present, that masked the underlying subsoil (002). Where the works required the removal of the hillwash (125) was monitored to the depth that exposed the underlying subsoil/bedrock or to the maximum depth that was required for the works. The hillwash (125) varied in depth across the slope from a 100mm up to 500mm. NO archaeological features were revealed in Section 4.

## Test Pits

47. One eight tonne 360° mechanical tracked excavator was used to excavate a series of test pits within the easement to identify services. The test pit works were carried out between the 19<sup>th</sup> August 2014 and the 2<sup>nd</sup> September 2014. During this time 14 test pits were excavated, of various sizes (Figures 14a and 14b). These were monitored by an archaeologist as part of the monitoring works.
48. No significant archaeological features were encountered and no significant artefacts recovered.
49. Details of the test pits can be found below:

*Table 1: Summary of Findings, Test Pits*

Test Pit	Orientation	Dimensions	Subsoil	Features	Location	Artefacts	
1	N-S	1.55m x 3m	(002) brown orange gravel	light and sandy	Field drains	NS19357 49317	None
2	N-S	1.55m x approx. 3m	(002) brown orange gravel	light and sandy	Modern Service	NS19348 49320	None
3	N-S	1.55m x 3.2m	(002) brown orange gravel	light and sandy	None	NS19231 49051	None
4	N-S	1.55m x approx. 4m	(002) brown orange gravel	light and sandy	Modern Service	NS19125 48823	None
5	N-S	1.55m x 6.5m	(002) brown orange gravel	light and sandy	None	NS19117 48800	None
6	NW-SE	1.55m x 2m	(002) brown orange	light and sandy	Some of [060] present	NS19377 49581	None



Test Pit	Orientation	Dimensions	Subsoil	Features	Location	Artefacts
			gravel			
7	NW-SE	1.55m x approx. 9m	(002) light and sandy brown orange gravel	Field drains	NS19360 49704	None
8	NE-SW	1.55m x 9.5m	(002) light and sandy brown orange gravel	Field drains	NS19341 49745	None
9	N-S	1.55m x 12.25m	(002) light and sandy brown orange gravel	Field drains	NS19357 49755	None
10	NE-SW	1.55m x 26.5m	(122) loose to friable, white to light yellow sand.	Field drains	NS19330 49811	None
11	NNE-SSW	1.55m x 37m	(122) loose to friable, white to light yellow sand.	Field drains and natural features	NS19417 50120	None
12	NNW-SSE	1.55m x 9m	(122) loose to friable, white to light yellow sand.	Modern Service	NS19441 50117	None
13	NNW-SSE	1.55m x 2m	(122) loose to friable, white to light yellow sand.	Field drains	NS19433 50136	None
14	NNW-SSE	1.55m x approx. 14m	(002) light and sandy brown orange gravel	Natural Feature	NS21900 48549	1 x small piece coal <16>



Figure 11a: Post ex posthole [112] showing possible packing stones



Figure 11b: Drystone wall (124) left in situ to the Southwest of the wayleave

### *Drainage Works*

50. As part of the ground preparation works for the Hunterston to Ardnail Bay Onshore Cable, a series of drainage pipes were laid and tied in to existing drainage where necessary. These works were carried out between the 10th of September 2014 and the 19th of September 2014. These works were undertaken by the drainage contractor, DMJ and monitored where appropriate by an archaeologist.
51. The drainage was laid using a large trenching machine, known as a “chain trencher”, inserting the pipe as it digs the drainage channel. It was agreed between WoSAS, RSK Environment Ltd and Prysmian Group that this task would not be continuously monitored by an archaeologist as: the archaeologist would not be able to see the subsoil; the impact was going to be minimal (typically 300mm wide trench); and the topsoil would be subsequently stripped within the wayleave after the insertion of the drains for the archaeologist to monitor and record. Instead, a watching brief was maintained on the topsoil strip, with the watching brief archaeologist taking advantage of observing the chain trencher (e.g. checking the spoil heaps for concentrations of charcoal or chance finds) as and when the opportunity arises.
52. However, upon attending site on the 10th September it was noted that the drainage contractor was using a 360° tracked excavator in some sections where the trench needed to be wider, to accommodate the larger drainage pipes required to tie into existing drainage. It was therefore agreed with RSK Environment Ltd, Prysmian Group and DMJ that where this method was to be employed, an archaeologist would need to monitor the reduction of topsoil prior to the drainage channel being excavated.
53. The majority of the drainage works were carried out within the wayleave prior to the reduction of the topsoil, however; the drainage channel was also excavated off easement where necessary (Figure 15a). These works did not reveal any deposits or features of archaeological interest (Figure 15b).
54. As a complement to the drainage channel, test pits were excavated to locate existing drainage. Four test pits were excavated in total. These works also did not reveal any deposits or features of archaeological interest.

### *Artefacts*

55. A number of artefacts were recovered during the monitoring works. Most notable of these were a flint blade <18> and a sherd of green glazed reduced ware <17>.
56. The flint blade <18> is of inner material with a clear bulb of percussion and striking platform. Some edge damage is present on the right dorsal edge, mostly towards the distal end, at three marked locations – starting to form notches. The whole piece is covered by patination. The blade measures 41.5mm long by 18mm wide by 14mm thick. This artefact was recovered from the topsoil at approximately NS 19180 50265; to the southeast of Campbellton Wood East in section 3.
57. The sherd of ceramic <17> is classed as green glazed reduced ware and was recovered from the fill of a field drain cut [120] which cut a natural hollow of peat in section 2. It measures 54mm by 37mm by 9mm.
58. Three fragments of iron nails <2> were recovered from feature [020], a possible pit. One piece of coal ash slag <8> was recovered from the fill of a plough furrow in section 2, and another piece was found in the topsoil nearby. One piece of coal <16> was recovered from a likely tree bole in Test Pit 14, and another piece from the topsoil in section 2.
59. Other artefacts recovered from the monitoring works included: two modern clay tobacco pipe stem fragments <7> and <14>; a dark green glass bottle base <6>; a clear glass shard <12>; three sherds of blue transfer printed white earthenware <1>; one sherd of beige glazed white earthenware, with mould imparted decoration <3>; one piece of burnt shale <021>; one piece of porcelain <10> and three pieces of slate <15> and <22>.





Figure 12a: Reduction of the topsoil (001) in Section 4 looking Northwest toward Goldenberry Hill



Figure 12b: Overview of section 4 looking East

## Discussion

60. The interpretation of the findings of the archaeological monitoring which were undertaken along the proposed drainage route and the works within the wayleave of the Ardnail Bay to Hunterston Onshore Cable Route are presented below. They are discussed in the same format as they have been presented above, separated into their respective areas.

### *Compound*

61. As postholes [008] and [010] were both isolated with ephemeral, mixed and shallow fills it is difficult to infer a date or function to these features. It is also possible that both of these features may be stone-throws or of some other natural origin.
62. Postholes [012] and [015] may represent either postholes or small pits dating to the post-medieval period associated with agricultural activity. This is supported by burnt material evident in the fill (013) of [012], suggesting human activity, and that [015] truncated the southern end of a possible plough furrow, suggesting a relatively recent date.
63. The absence of artefactual material in pit [018] makes ascribing a reliable date problematic. It is certainly more substantial than the previous features and may even be a candidate for earlier human activity within the compound strip area.
64. The plough furrows recorded in the compound area suggest a land use of agricultural type during the 19<sup>th</sup> and 20<sup>th</sup> centuries.

### *Section 1*

65. Two metal nail fragments <002> were recovered from pit [020] in this area, suggesting that this pit is probably associated with post-medieval agricultural activities.

### *Section 2*

66. Six features of archaeological interest were recorded in section 2 during the monitoring works.
67. Postholes [076] and [078] were recorded as having a possible association, in regards to their proximity and the similarity of their fill. These features had no dating evidence or any other associations nearby to ascertain a feasible date. They most likely represent one of the phases of land boundary changes in the 19<sup>th</sup> and 20<sup>th</sup> centuries.
68. Pits [051], [081] and [087] had no dateable evidence to accompany them, and therefore discerning a feasible date or function for these is difficult. They may represent *ad hoc* use of the area prior to the 19<sup>th</sup> century.

### *Section 3*

69. Archaeological monitoring of the topsoil reduction in this area revealed three features of interest. Postholes [112] and [114], and ditch [108].
70. Postholes [112] and [114] were recorded as being in the same location and orientation as the reduced stone dyke [124]. Although they were stratigraphically directly below the wall, it is difficult to infer a relationship. Wall [124] appears on the 1<sup>st</sup> Edition Ordnance Survey Map of 1858, indicating its erection was prior to this date. It is possible that the postholes indicate a fence preceding the wall [124].
71. Ditch [108] did not appear on the 1<sup>st</sup> Edition Ordnance Survey maps. The lower, primary fill (109) contained wood which was not preserved by any waterlogged deposits, indicating a possible modern date. This ditch [108] could therefore represent a drainage ditch, an agricultural boundary or a silted up former watercourse. T silted up. This is supported by the nature of its three fills, indicating a build up over time, rather than a single occurrence.



#### *Section 4*

72. Monitoring of the topsoil strip in section 4 did not expose any deposits or features of archaeological interest.

#### *Test Pits*

73. Test pit monitoring did not expose anything of archaeological interest. Agricultural improvement in the area was indicated by the presence of numerous ceramic field drains [120] (Figure 13a and 13b).

#### *Drainage Works*

74. The archaeological monitoring of the drainage works on and off easement did not reveal any deposits or features of archaeological interest.

#### *Artefacts*

75. The flint blade <18> is likely prehistoric in date. It does not show any evidence of retouch, indicating that its use may have been relatively short. As it was found at the base of a slope, it is likely that it may have been washed downhill by waterborne deposits and has been displaced from its original location of deposition. There are a number of prehistoric sites known in the area from which this blade could have originated (RSK 2014).
76. The green glazed reduced ware <17> dates from the post-medieval period. It was recovered from within the cut of a field drain [120], which truncated a deposit of peat. This ceramic sherd <17> could have therefore originated from a number of locations near the area in which it was found. Andrew Armstrong's *A new map of Ayrshire* in 1775 indicates a few large and small buildings in the vicinity of the cable route during this period. It is not implausible to suppose that the installation of a field drain as a later agricultural improvement could have displaced this artefact from a location closer to one of these settled areas.
77. The remainder of the artefacts recovered from the archaeological monitoring works primarily date from the 19<sup>th</sup> and 20<sup>th</sup> centuries. These artefacts, whether stratified or not, appear to represent use of the land by farmers and workers associated with agricultural and land improvements throughout the past 200 years.

#### **Recommendations**

78. These archaeological mitigation works did not reveal any significant archaeological material or features within the route of the Hunterston to Ardnail Bay Onshore Cable, West Kilbride, North Ayrshire. The features which were found mostly pertain to 19<sup>th</sup> and 20<sup>th</sup> century agricultural improvements, bioturbation and agricultural improvement works.
79. Although the flint blade and the green glazed reduced ware predate the modern era, their recovery locations do not support the existence of significant archaeological deposits in the immediate vicinity.
80. From the evidence presented in this report, no further archaeological works are recommended.
81. The appropriateness and acceptability of our recommendations rest with North Ayrshire Council and their advisors, the West of Scotland Archaeology Service.



Figure 13a: Field drains [120] in Trench 9; from the South



Figure 13b: Trench 10 Field drain [120]; from the South





Figure 14a: Trenches 11, 12 and 13 left to right; from the SSW



Figure 14b: Natural feature in Trench 11 from the East





Figure 15a: Off easement trench to the South of Thirdpart Holding Road



Figure 15b: Field drains [120] in drainage trench South of Thirdpart Holding Road

## Conclusion

82. Archaeological monitoring works took place between 24<sup>th</sup> June 2014 and 29<sup>th</sup> September 2014 on behalf of RSK Environment Ltd. Rathmell Archaeology Ltd were appointed by RSK Environment Ltd on behalf of their clients with respect to the construction of the Hunterston to Ardneil Bay Onshore Cable, West Kilbride, North Ayrshire.
83. A programme of archaeological mitigation works was required by RSK Environment Ltd on behalf of Prysmian Group in respect of the construction of the Hunterston to Ardneil Bay Onshore Cable. The West of Scotland Archaeology Service (WoSAS) provided guidance on the structure of archaeological works required on site during extraction works.
84. The archaeological mitigation works were designed to mitigate the impact on any archaeological remains located within the development area. During the archaeological monitoring, the features and artefacts uncovered mostly pertained to 19<sup>th</sup> and 20<sup>th</sup> century activities, natural events and agricultural improvements.
85. A number of features and two of the artefacts recovered could represent earlier use of the area from the prehistoric to the post medieval period; however, no significant archaeological sites were encountered.

## Acknowledgements

86. The authors would like to thank the rest of the team on-site: Diane Gorman, Michael Briggs and Leah Kyle. Thanks also go to West of Scotland Archaeology Service, RSK Environment Ltd, Prysmian Group and Murphy Group for their guidance and support throughout the monitoring works. Thanks are also extended to Thomas Rees and Louise Turner for their input on artefacts recovered, Liam McKinstry and Claire Williamson for their editorial eye, and to Joss Durnan for his assistance in the development of supporting documents and illustrations.



## References

### *Documentary*

- Gordon, D, 2013, Hunterston Converter Station and Substation, North Ayrshire: Archaeological Mitigation Data Structure Report, Unpublished commercial document by Rathmell Archaeology Ltd.
- RSK, 2014 Northern Point of Connection: Hunterston to Ards Bay: Written Scheme of Investigation and Archaeological Mitigation. Unpublished commercial report by RSK.

## Appendix 1: Registers

### Context Register

Context No.	Area/Trench	Type	Description	Interpretation
001	All	Deposit	Loose to moderately compact, mid brown-grey sandy silt, inclusions of small sub-rounded stones and pebbles. Approximately 300-500mm thick	Topsoil
002	Compound	Deposit	Loosely compacted light brown/orange sand and gravel, many various stones, inclusions of manganese deposits.	Natural Subsoil
003	Compound	Fill	Loosely compacted light grey sandy silt	Fill of [004]
004	Compound	Cut	Linear in plan, 35m x 800mm x 80mm, oriented East to West	Cut of furrow
005	Compound	Fill	Loosely compacted light grey sandy silt	Fill of [006]
006	Compound	Cut	Linear in plan, 17m x 1m x 190mm deep, oriented North to South	Cut of furrow
007	Compound	Fill	Moderately compact light grey sandy silt	Fill of [008]
008	Compound	Cut	Circular in plan, 150mm diameter x 10-70mm deep	Cut of posthole
009	Compound	Fill	Moderately compact mid brown sandy silt, inclusions of small sub-rounded stones	Fill of [010]
010	Compound	Cut	Circular in plan, 200mm diameter x 80mm deep	Cut of possible burrow
011	Compound	Fill	Loose, light brown sandy silt, inclusions of some fine roots	Fill of [012]
012	Compound	Cut	Circular in plan, 400mm x 350mm x 140mm deep	Cut of posthole
013	Compound	Fill	Moderately compact, black silt with substantial inclusions of charcoal, some burnt stone and ash	Secondary fill of [012]
014	Compound	Fill	Loose to moderately compact light brown-grey silty sand, inclusions of some fine roots	Fill of [015]
015	Compound	Cut	Circular in plan, 500mm diameter x 100mm deep	Cut or posthole
016	Compound	Cut	Circular in plan, 250mm x 200mm x 70mm deep	Cut within [012]
017	Compound	Fill	Moderately compact, mid brown to black in pockets, silty sand, inclusions of some small stones	Fill of [018]



Context No.	Area/Trench	Type	Description	Interpretation
			and possible manganese	
018	Compound	Cut	Roughly oval in plan, 1.1m x 800mm x 470mm deep, oriented Northwest - Southeast	Cut of pit
019	Section 1	Deposit	Loose to moderately compact light grey sandy silt, inclusions of small stones, 150mm average thickness	Natural Subsoil
020	Section 1	Cut	Sub oval/irregular in plan 1.4m x 700mm x 100mm deep, oriented East to West	Cut of possible pit
021	Section 1	Fill	Loose to moderately compact dark greyish brown silty sand, inclusions of degraded wood and stone	Fill of [020]
022	Section 1	Deposit	Moderately compact mid brown sandy silt, 40m x 15m x 100mm thick	Hill wash from Croek Hill
023	Section 1	Deposit	Moderately compact light yellow and grey mixed sand with clay patches 300mm thick	Natural Subsoil
024	Section 1	Material	Loose, irregular pink sandstone with repointed top layers. 1.2m high x 600mm wide.	Drystone wall
025	Section 1	Material	Loose, irregular pink sandstone with repointed top layers. 1.7m high x up to 1m wide.	Drystone wall
026	Section 1	Cut	Linear in plan, 22m x 400mm wide x 40mm deep. North – South oriented.	Cut of Plough scar
027	Section 1	Fill	Very loose light grey sandy silt	Fill of [027]
028	Section 1	Deposit	Very compact, bitumen and stones, 25m x 2.5m x 200-300mm deep.	Farmers track
029	Section 2	Cut	Irregular to sub oval in plan, 1.5m x 1.5m x 460mm deep.	Cut of Possible pit or tree bole
030	Section 1	Fill	Compact dark brown sandy silt, inclusions of degraded stones and frequent charcoal	Fill of [029]
031	Section 2	Cut/Fill	Linear in plan, 20m x 1m x 80mm deep. Filled with small sub rounded stones	Rubble field drain
032	Section 2	Cut/Fill	Linear in plan, 25m x 200mm x 200mm. Oriented North – South. Filled by grey silty sand, no inclusions	Field drain
033	Section 2	Cut/Fill	Linear, 2m x 600mm x 100mm deep. Oriented	Likely plough furrow

Context No.	Area/Trench	Type	Description	Interpretation
			North – South. Filled with loosely compacted grey silty sand. Cut by posthole [015].	
034	Section 2	Cut	Linear in plan, 430mm x 300mm x 50mm deep.	Cut of Likely plough scar
035	Section 2	Fill	Light grey silty sand	Fill of [035]
036	Section 2	Cut	Sub-circular in plan, 290mm x 240mm x 80mm deep.	Possible Bioturbation or remains of posthole
037	Section 2	Fill	Mid brown sandy clay	Fill of [036]
038	Section 2	VOID	VOID	VOID
039	Section 2	VOID	VOID	VOID
040	Section 2	Cut	Linear in plan, 3.93m x 220mm x 190mm. Oriented North – South.	Cut of Plough Furrow
041	Section 2	Fill	Friable light to mid brown silty sand, inclusions of fine rootlets	Fill of [041]
042	Section 2	Cut	Linear in plan, 2m x 900mm x 170mm deep. Oriented North – South.	Cut of Plough Furrow
043	Section 2	Fill	Friable light to mid brown silty sand, inclusions of fine rootlets.	Fill of [043]
044	Section 2	Cut	Linear in plan, 2.8m x 200mm, oriented North-South.	Cut of Plough Furrow
045	Section 2	Fill	Friable mid brown sandy silt, inclusions of fine roots and small stones.	Fill of [045]
046	Section 2	Cut	Linear in plan, >2m x 260mm x 130mm deep. Truncated by [048]	Cut of Plough furrow
047	Section 2	Fill	Friable mid brown/orange silty sand, inclusions of infrequent small quartz pebbles.	Fill of [046]
048	Section 2	Cut	Linear in plan, 15m x 400mm x 300mm deep, truncates [046].	Cut of Rubble field drain
049	Section 2	Fill	Firm red/brown mottled sandy silt clay, inclusions of occasional medium sub angular stones	Fill of [048]
050	Section 2	Cut	Oval in plan, 1.4m x 930mm x 200mm deep. Oriented ENE-WSW.	Cut of Pit



Context No.	Area/Trench	Type	Description	Interpretation
051	Section 2	Fill	Firm dark brown sandy silt, inclusions of frequent quartz pebbles and infrequent small stones	Fill of [050]
052	Section 2	VOID	VOID	VOID
053	Section 2	VOID	VOID	VOID
054	Section 2	Fill	Friable dark brown peat, inclusions of fine roots	Fill of [055]
055	Section 2	Cut	Circular in plan, 300mm x 280mm x 40-50mm deep. Truncated by [056]	Cut of Likely tree bole
056	Section 2	Cut	Linear in plan, 500mm x 200mm	Cut of Furrow
057	Section 2	Fill	Dark brown sandy silt	Fill of [056]
058	Section 2	VOID	VOID	VOID
059	Section 2	VOID	VOID	VOID
060	Section 2	Cut	Same as [096]	Cut of Ditch
061	Section 2	Fill	Same as (097)	Fill of [060]
062	Section 2	Cut	Circular in plan, 390mm x 340mm x 60mm	Cut of likely modern Posthole
063	Section 2	Fill	Compact dark brown sandy silt, inclusions of fine rootlets and small pebbles.	Fill of [062]
064	Section 2	Cut	Linear in plan, 3.9m x 200mm x 110mm	Cut of Rubble field drain
065	Section 2	Fill	Light brown silty sand, inclusions of frequent small to medium stones	Fill of [064]
066	Section 2	Cut	Linear in plan, 9.52m x 460mm x 250mm deep.	Cut of likely furrow
067	Section 2	Fill	Friable, mottled mid-light brown and yellow sand, inclusions of infrequent small to medium pebbles	Fill of [066]
068	Section 2	Cut	Roughly linear in plan, 16m x 600mm-1.3m x 330mm deep. Oriented East – West, likely truncated by field drain to West.	Natural dip in subsoil
069	Section 2	Fill	Firm to friable in places, mottled white/orange sand patches in a dark brown silty clay	Fill of [068]
070	Section 2	VOID	VOID	VOID
071	Section 2	VOID	VOID	VOID
072	Section 2	VOID	VOID	VOID

Context No.	Area/Trench	Type	Description	Interpretation
073	Section 2	VOID	VOID	VOID
074	Section 2	Fill	Loose, dark brown sandy silt, inclusions of large amount of charcoal.	Fill of [075]
075	Section 2	Cut	Sub oval, 890mm x 500mm x 80mm deep. Oriented East – West. Heavily truncated by ploughing.	Highly truncated possible feature
076	Section 2	Cut	Sub circular in plan, 540mm x 490mm x 150mm deep.	Cut of post hole. Possibly associated with [078]
077	Section 2	Fill	Friable dark brown sandy silt, inclusions of frequent charcoal and small to medium sub angular stones	Fill of [076]
078	Section 2	Cut	Sub circular in plan, 390mm x 340mm x 70mm.	Cut of post hole. Possibly associated with [076]
079	Section 2	Fill	Friable dark brown sandy silt, inclusions of frequent charcoal and small sub angular and rounded stones.	Secondary fill of [078]
080	Section 2	Fill	Friable to firm, light to mid orange brown silty sand, inclusions of small pebbles.	Primary fill of [078]
081	Section 2	Cut	Sub oval in plan, 1.1m x 750mm x 270mm deep. Oriented East-Northeast to West-Northwest. Filled by (082).	Cut of likely pit
082	Section 2	Fill	Friable mid brown slightly silty sand, inclusions of fine roots.	Fill of [081]
083	Section 2	Cut	Circular in plan, 320mm x 300mm x 130mm deep.	Cut of modern posthole
084	Section 2	Fill	Friable mid brown grey sandy silt, inclusions of frequent small to tiny quartz pebbles.	Fill of [083]
085	Trial Holes	Cut	Roughly circular in plan, 350mm x 300mm x 100mm deep.	Likely tree bole
086	Trial Holes	Fill	Loose to friable dark reddish brown sandy gravel and silty sand, inclusions of small to medium stones.	Fill of [085]
087	Section 2	Cut	Oval in plan, 700mm x 650mm x 180mm deep	Possible pit
088	Section 2	Fill	Compact to firm mid to dark brown slightly sandy silt with inclusions of charcoal and fine roots	Fill of [087]
089	Section 2	Cut	'L' shaped feature, 1.38m x 1.7m x 690mm max width x 260mm max depth.	Likely bioturbation



Context No.	Area/Trench	Type	Description	Interpretation
090	Section 2	Fill	Friable dark brown very sandy silt with inclusions of rare rootlets and rare small stones.	Fill of [089]
091	Section 2	Cut	Sub rectangular in plan, 1.1m x 420mm x 130mm deep.	Likely bioturbation
092	Section 2	Fill	Mid to dark brown sandy silt, occasional rootlets and rare stones	Fill of [091]
093	Section 2	Fill	Dark brown sandy silt clay	Fill of field drain
094	Section 2	Cut	Linear in plan, 10m x 800mm x 180mm deep.	Cut of remnant field boundary
095	Section 2	Fill	Light to mid brown silty sand, inclusions of rare rootlets and rare small stones	Fill of [094]
096	Section 2	Cut	Linear in plan 9m x 1.3m x 400mm deep	Cut of remnant field boundary
097	Section 2	Fill	Soft mid brown very sandy silt, occasional rootlets, rare small stones.	Fill of [096]
098	Section 2	Cut	Oval in plan, 2m x 1.08m x 190mm deep.	Likely tree bole
099	Section 2	Fill	Loose orange brown sandy gravel, inclusions of frequent small pebbles	Fill of [098]
100	Section 2	Cut	Circular in plan, 170mm x 170mm x 90mm. Inclination of axis 45°.	Cut of angled posthole
101	Section 2	Fill	Friable dark brown sandy silt, inclusion of modern wood	Fill of [100]
102	Section 2	Cut	Roughly oval in plan, 790mm x 500mm x 150mm, oriented East – West.	Likely bioturbation
103	Section 2	Fill	Friable dark brown silty sand mottled with white sand, inclusions of infrequent rootlets	Fill of [102]
104	Section 2	Cut	Circular in plan, 530mm x 440mm x 150mm deep	Possible bioturbation
105	Section 2	Fill	Friable to loose dark brown/mottled with light cream silty sand, inclusions of infrequent fine roots.	Fill of [104]
106	Section 2	Fill	Friable to firm dark brown/black mottled with light brown sandy silt and peat	Fill of [107]
107	Section 2	Cut	Linear in plan, 4.1m x 2.16m x 170mm. Oriented Northwest – Southeast. Truncated by field drains.	Modern field feature, highly truncated
108	Section 3	Cut	Linear in plan, 15m x 4m x 780mm deep	Cut of field boundary ditch

Context No.	Area/Trench	Type	Description	Interpretation
109	Section 3	Fill	Firm dark brown/grey sandy silt, inclusion of wood	Primary fill of [108]
110	Section 3	Fill	Moderately compact mid brown/grey silty sand, inclusions of charcoal and small stones	Secondary fill of [108]
111	Section 3	Fill	Loose light brown/white sand, inclusions of pea gravel.	Upper fill of [108]
112	Section 3	Cut	Circular in plan, 440mm x 430mm x 280mm deep	Cut of posthole possibly associated with [114]
113	Section 3	Fill	Firmly compacted dark brown sandy silt, inclusions of large sub angular stones	Fill of [112]
114	Section 3	Cut	Oval in plan, 430mm x 300mm x 280mm deep	Cut of posthole possibly associated with [112]
115	Section 3	Fill	Friable brown/grey silty sand, inclusions of three large sub angular stones	Fill of [114]
116	Section 2	Cut	Linear in plan, 7.1m x 560mm x 290mm, oriented North-Northwest to South-Southeast	Cut of Plough Furrow
117	Section 2	Fill	Friable mixed dark brown and white silty sand	Fill of [116]
118	Section 2	VOID	Roughly square in plan, 780mm x 2.16m x 170mm deep. Southeast edge obscured by limits of excavation.	Natural hollow
119	Section 2	VOID	Friable, very dark brown mottled black mix of peat and very clayey sand. Inclusions of occasional small branch fragments and frequent rootlets.	Fill of [118]
120	All	Cut	Linear in plan, various lengths depending on strip dimensions. Width between 250mm and 450mm, depth up to 600mm.	Cut of field drains containing ceramic pipes
121	All	Fill	Friable to firm, dark to mid brown silty sand mixed with light orange/white sand.	Fill of field drains containing ceramic pipes
122	All	Deposit	Loose to friable, white to light yellow sand.	Natural subsoil
123	Section 2 and 3	Deposit	Friable to firm dark brown to black peat, frequent inclusions of degrading plant material.	Natural peat
124	Section 3	Wall	Upstanding dry stone wall, 800mm to 1m high x 400-600mm wide. Roughly eight courses of large sub angular light brown/pink sandstone.	Stone dyke



Context No.	Area/Trench	Type	Description	Interpretation
125	Section 4	Deposit	Orange mid brown slightly silty sand with frequent small to medium sized stone and occasional rootlets	Hillwash

*Drawing Register*

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer	Date
001	001	Compound	Section	1:10	South facing section of Slot B, linear [006]	MB	27/06/2014
002	001	Compound	Section	1:10	South facing section of posthole [008]	MB	27/06/2014
003	VOID	VOID	VOID	VOID	VOID	VOID	VOID
004	001	Compound	Section	1:10	West facing section of [012] and [016]	MB	02/07/2014
005	001	Compound	Section	1:10	North facing section of [015]	MB	02/07/2014
006	002	Compound	Plan	1:20	Plan of [012]/[016]/[015] and furrow	MB	02/07/2014
007	001	Compound	Section	1:10	Southwest facing section of pit [018]	MB	03/07/2014
008	002	Compound	Plan	1:20	Plan of pit [018]	MB	03/07/2014
009	003	Section 1	Section	1:10	Northeast facing section of [020]	KS	22/07/2014
010	003	Section 1	Plan	1:20	Mid ex plan of [020]	KS	22/07/2014
011	003	Section 1	Section	1:10	South facing section of [026] plough scar	KS	23/07/2014
012	003	Section 1	Section	1:10	North facing section of [026] plough scar	KS	23/07/2014
013	003	Section 1	Plan	1:100	Sketch plan of Ardneil at [024]	KS	23/07/2014
014	004	Section 1	Section	1:10	West facing section of [025] wall	KS	23/07/2014
015	004	Section 1	Section	1:10	North facing section of [024] wall	KS	23/07/2014
016	005	Section 2	Section	1:10	Northwest facing section of [029]	KS	25/07/2014
017	005	Section 2	Plan	1:20	Mid ex plan of [029]	KS	25/07/2014

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer	Date
018	006	Section 2	Section	1:10	West facing section of [036]	JL	18/08/2014
019	006	Section 2	Section	1:10	West facing section of [038]	JL	18/08/2014
020	006	Section 2	Plan	1:20	Post ex slot in [038]	JL	18/08/2014
021	006	Section 2	Section	1:10	East facing section [048]/[046]	JL	20/08/2014
022	006	Section 2	Section	1:10	Section [040]	JL	18/08/2014
023	006	Section 2	Section	1:10	West-Northwest facing section of [050]	JL	20/08/2014
024	007	Section 2	Section	1:10	Southwest facing section of [062]	JL	19/08/2014
025	007	Section 2	Plan	1:20	Post ex [062]	JL	19/08/2014
026	008	Section 2	Section	1:10	Western facing section of [058]	JL	20/08/2014
027	008	Section 2	Plan	1:20	Post ex [058]	JL	20/08/2014
028	009	Section 2	Section	1:10	Southeast facing section [066]	JL	21/08/2014
029	00	Section 2	Section	1:10	West facing section [056] [055]	JL	20/08/2014
030	008	Section 2	Plan	1:20	Post ex [056] [055]	JL	20/08/2014
031	008	Section 2	Section	1:10	East facing [060] (061)	Lrk	19/08/2014
032	009	Section 2	Plan	1:20	Post ex [072]	JL	26/08/2014
033	009	Section 2	Section	1:10	North-facing section [072]	JL	26/08/2014
034	009	Section 2	Section	1:10	South-Southeast facing section [076]	JL	28/08/2014
035	009	Section 2	Section	1:10	South-Southeast facing section [078]	JL	28/08/2014
036	010	Section 2	Plan	1:20	Post ex [076]	JL	28/08/2014
037	010	Section 2	Section	1:10	North-Northeast facing [081]	JL	28/08/2014
038	010	Section 2	Plan	1:20	Post ex [081]	JL	28/08/2014
039	010	Section 2	Section	1:10	Southeast facing [083]	JL	29/08/2014



Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer	Date
040	010	Section 2	Plan	1:20	Post ex [083]	JL	29/08/2014
041	009	Section 2	Plan	1:20	Post ex [066]	JL	21/08/2014
042	009	Section 2	Plan	1:20	Post ex [078]	JL	28/08/2014

### Photographic Register

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
1					1	General pre-ex of compound		24/6/2014
2					2	General pre-ex of compound		24/6/2014
3					3	General pre-ex of compound		24/6/2014
4					4	General pre-ex of compound		24/6/2014
5					5	Shot of partially stripped bell mouth	E	25/6/2014
6					43	General shot of stripped compound, South	SE	25/6/2014
7					44	General shot of stripped compound, South	S	25/6/2014
8					45	Pre-ex of linear [004]	SW	25/6/2014
9					46	Pre-ex of linear [004]	NW	25/6/2014
10					47	Pre-ex of linear [004]	W	25/6/2014
11					48	General shot strip compound, South	NW	25/6/2014
12					49	West facing section of linear [004]	W	25/6/2014
13					50	East facing section of linear [004]	E	25/6/2014
14					51	Working shot of spoil bunding	SW	25/6/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
15					52	Working shot of spoil bunding	N	25/6/2014
16					53	Working shot of spoil bunding	E	25/6/2014
17					6	Pre ex ditch [006]	SW	26/6/2014
18					7	Pre ex ditch [006]	SW	26/6/2014
19					8	Pre ex posthole [008]	W	26/6/2014
20					9	North facing section [006] slot C and posthole [008]	N	26/6/2014
21					54	South facing section of [006] slot C	S	26/6/2014
22					55	North facing section of [006] slot B	N	26/6/2014
23					56	South facing section of [006] slot B	S	26/6/2014
24					57	Ditch [006] general shot	SW	26/6/2014
25					58	South facing section [006] ditch slot A	S	26/6/2014
26					59	Working shot of machines	NE	26/6/2014
27					60	Working shot of machines	E	26/6/2014
29					61	[006] continued heading North	S	26/6/2014
28					62	[006] General shot up to edge of area strip	S	26/6/2014
30					63	South facing section of slot D [006]	S	26/6/2014
31					64	North facing section of slot D [006]	N	26/6/2014
32					65	General shot, start of day	NE	27/6/2014
33					66	General shot, start of day	NNE	27/6/2014
34					67	General shot, start of day, machines	NE	27/6/2014



Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
35					68	General shot, start of day, from trench	S	27/6/2014
36					69	General shot, start of day	S	27/6/2014
37					70	Post ex shot full [006] ditch	NE	27/6/2014
38					71	Post ex shot full [006] ditch	SW	27/6/2014
39					72	General shot start of day	NE	30/6/2014
40					73	General shot start of day	NW	30/6/2014
41					74	General shot start of day	NW	30/6/2014
42					75	General shot start of day, machine	E	30/6/2014
43					76	General shot start of day	E	30/6/2014
44					77	Shot of rest of furrow [004]	E	30/6/2014
45					78	W facing section of slot [004]	W	30/6/2014
46					79	Working shot – two machines	S	30/6/2014
47					80	Pre-ex [010] possible posthole	E	30/6/2014
48					81	Southwest facing section of [010]	SW	30/6/2014
49					82	Working shot	S	30/6/2014
50					83	Working shot	NE	30/6/2014
51					84	General shot – compound south	N	30/6/2014
52					85	General shot – compound south	N	30/6/2014
53					86	Road entrance area – bell mouth	E	30/6/2014
54					87	Road entrance area – stripped	SW	30/6/2014
55					88	Working shot – stoning	N	30/6/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
56					89	Pre ex [012] Posthole	SW	30/6/2014
57					90	West facing section [012]/[016] posthole	W	30/6/2014
58					91	Shot of [012] / [016] and [015]	W	30/6/2014
59					92	North facing section of [015]	N	30/6/2014
60					93	VOID	N	04/07/2014
61					94	VOID		04/07/2014
62					95	General shot of pit [018]		04/07/2014
63					96	North facing section of pit [018]	N	04/07/2014
64					10	Working shot stoning	N	04/07/2014
65					11	Stripped area North compound	S	04/07/2014
66					12	Stripped area North compound	SE	04/07/2014
67					13	Working shot – canteen	SW	04/07/2014
68					14	Post ex [018]	SW	04/07/2014
69					97	General shot of compound	N	04/07/2014
70					98	Pre-ex down Northeast edge of compound	NW	09/07/2014
71					99	General shot of stoned compound	NE	09/07/2014
72					100	Working shot of strip edge	NE	09/07/2014
73					101	Working shot of strip edge	SE	09/07/2014
74					102	Working shot of strip edge	SE	09/07/2014
75					103	Working shot of strip edge	SE	09/07/2014
76					104	Working shot of strip edge	SE	09/07/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
77					105	Post ex along strip edge	SE	09/07/2014
78					106	Post ex along strip edge	SE	09/07/2014
79					001	Pre-ex compound strip North	SE	21/7/2014
80					002	Pre-ex compound strip North	E	21/7/2014
81					003	Working shot start of day	SE	21/7/2014
82					004	Working shot start of day	E	21/7/2014
83					005	Working shot start of day looking North-Northeast	SSW	21/7/2014
84					006	Working shot start of day looking East	W	21/7/2014
85					007	Working shot start of day	W	21/7/2014
86					008	Working shot start of day looking North-Northeast	SSW	21/7/2014
87					009	Dozer	W	21/7/2014
88					010	Post Ex looking down west edge	N	21/7/2014
89					011	Testing cable bucket in Southwest corner	SSW	21/7/2014
90					012	Testing cable bucket in Southwest corner	SW	21/7/2014
91					013	Testing cable bucket in Southwest corner	SW	21/7/2014
92					014	Pre ex Ardneil section strip	SW	22/7/2014
93					015	Pre ex Ardneil section strip	SW	22/7/2014
94					016	Pre ex Ardneil section strip	SW	22/7/2014
95					017	Pre ex Ardneil section strip	SW	22/7/2014
96					018	Panorama from start of Ardneil section strip	NE	22/7/2014
97					019	Panorama from start of Ardneil section strip	NNE	22/7/2014



Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
98					020	Panorama from start of Ardneil section strip	NNW	22/7/2014
99					021	Panorama from start of Ardneil section strip	NW	22/7/2014
100					022	Panorama from start of Ardneil section strip	WNW	22/7/2014
101					023	Panorama from start of Ardneil section strip	W	22/7/2014
102					024	Panorama from start of Ardneil section strip	WSW	22/7/2014
103					025	Panorama from start of Ardneil section strip	SW	22/7/2014
104					026	Panorama from start of Ardneil section strip	S	22/7/2014
105					027	Panorama from start of Ardneil section strip	SE	22/7/2014
106					028	Start of strip	SSE	22/7/2014
107					029	Northwest facing sample section	NW	22/7/2014
108					030	Northwest facing sample section	NW	22/7/2014
109					031	Wall demo at Knoll	NW	22/7/2014
110					032	Possible wall requiring removal	W	22/7/2014
111					033	Pre-ex Ardneil section	SW	22/7/2014
112					034	Pre-ex Ardneil section	SW	22/7/2014
113					035	Wall reduction	W	22/7/2014
114					036	Wall reduction	SW	22/7/2014
115					037	Post ex strip	NE	22/7/2014
116					038	Working shot of strip	SW	22/7/2014
117					039	[020] Pit Post Med Pre ex	S	22/7/2014
118					040	North facing section [020]	N	23/7/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
119					041	North facing section [020]	N	23/7/2014
120					042	Sample section Northwest facing	NW	23/7/2014
121					043	Post ex looking Southwest	NE	23/7/2014
122					044	Tree bole	NE	23/7/2014
123					045	Sample section at GPS (10)	NW	23/7/2014
124					046	(024) reduced to ground level	N	23/7/2014
125					047	(025) reduced to ground level	W	23/7/2014
126					048	(025) Running west in section	E	23/7/2014
127					049	Wall (024) Mid ex with (028)	NE	23/7/2014
128					050	Wall (024) Mid ex with (028)	NE	23/7/2014
129					051	Wall (024) Mid ex with (028)	NE	23/7/2014
130					052	Wall (024) Mid ex with (028)	NE	23/7/2014
131					053	General shot (026) Plough scar	NE	23/7/2014
132					054	General shot (026) plough scar slot 1	S	23/7/2014
133					055	South facing (026) Plough Scar	S	23/7/2014
134					056	North facing (026) Plough Scar	N	23/7/2014
135					057	General shot (026) Slot 2	NE	23/7/2014
136					058	South facing (026) Slot 2	S	23/7/2014
137					059	North facing (026) Slot 2	N	23/7/2014
138					060	General shot (026) Post ex	S	23/7/2014
139					061	Working shot removal	S	23/7/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
140					062	Working shot of (028) removal	S	23/7/2014
141					063	Working shot at (028) track	S	23/7/2014
142					064	Working shot beyond [025]	S	23/7/2014
143					065	Working shot beyond [025]	SW	23/7/2014
144					066	Working shot section 2 Strip	NE	24/7/2014
145					067	Working shot start of day	NE	24/7/2014
146					068	General post ex looking toward [025]	E	24/7/2014
147					069	Plough scars from East	E	24/7/2014
148					070	Plough scars from Northeast 100m Northeast of [025]	NE	24/7/2014
149					071	Northwest facing sample section	NW	24/7/2014
150					072	Northwest facing sample section	NW	24/7/2014
151					073	Working shot plough scars	SSE	24/7/2014
152					074	General shot looking to next section at Carlung	SW	24/7/2014
153					075	General shot looking to next section at Carlung	SW	24/7/2014
154					076	General shot looking toward excavations	NE	24/7/2014
155					077	General shot looking toward excavations	NE	24/7/2014
156					078	General shot looking toward excavations	NE	24/7/2014
157					079	Pre ex Irregular feature [029]	NW	24/7/2014
158					080	Pre ex Irregular feature [029]	N	24/7/2014
159					081	Start of day cow trample on [029]	N	25/7/2014
160					082	Start of day cow trample on [029]	N	25/7/2014



Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
161					083	[029] cleaned again	N	25/7/2014
162					084	[029] cleaned again	N	25/7/2014
163					085	General shot [029] mid ex	NNE	25/7/2014
164					086	General shot [029] mid ex	SSW	25/7/2014
165					087	General shot [029] mid ex	SSW	25/7/2014
166					088	Northwest facing section of [029]	NW	25/7/2014
167					089	Northwest facing section of [029]	NW	25/7/2014
168					090	Northwest facing section of [029]	NW	25/7/2014
169					091	Close up of Northwest facing section of [029]	NNW	25/7/2014
170					092	Northwest facing section of [029]	NW	25/7/2014
171					093	Northwest facing section of [029]	NW	25/7/2014
172					094	General shot [029]	NNW	25/7/2014
173					095	General shot [029]	NNW	25/7/2014
174					096	General shot stripping near Carlung	SW	25/7/2014
175					097	Working shot by JB2 Peg	SSW	25/7/2014
176					001	Gen shot looking to 11KV Pre ex at Carlung	SSW	31/7/2014
177					002	Gen shot looking to 11KV Pre ex at Carlung	SSW	31/7/2014
178					003	Pre ex beyond 11kv's	S	31/7/2014
179					004	Pre ex beyond 11kv's	S	31/7/2014
180					005	Gen pre ex under goalposts	NNW	31/7/2014
181					006	McNicols/Nicolson Strip to the West	E	31/7/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
182					007	McNicols/Nicolson Strip to the West	NE	31/7/2014
183					001	Northwest facing section of tree bole	NW	18/8/2014
184					002	General shot strip 13 tonne machine	SE	18/8/2014
185					003	General working shot	NE	18/8/2014
186					004	General working shot	E	18/8/2014
187					005	General area shot	S	18/8/2014
188					006	Shot of topsoil strip	SE	18/8/2014
189					007	General working shot	SSE	18/8/2014
190					008	General area shot	S	18/8/2014
191					009	Area to East of strip for Haul road	W	18/8/2014
192					010	Pre ex [034] (035)	SW	18/8/2014
193					011	Southwest facing section [034] (035)	SW	18/8/2014
194					012	Trench showing plough scars	E	18/8/2014
195					001	General trench area shot	SE	18/8/2014
196					002	General trench area shot	SE	18/8/2014
197					003	VOID		18/8/2014
198					004	General pre ex features [036] [038]	E	18/8/2014
199					005	Pre ex [036] [038]	E	18/8/2014
200					006	East facing section [036]	E	18/8/2014
201					007	VOID		18/8/2014
202					008	Post ex slot through [038]	S	18/8/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
203					009	West facing section [038]	W	18/8/2014
204					010	West facing section [038]	W	18/8/2014
205					011	West facing section [038]	W	18/8/2014
206					012	General working shot	NE	18/8/2014
207					013	General working shot	SW	18/8/2014
208					014	General shot strip area	SE	18/8/2014
209					015	General working shot	N	18/8/2014
210					016	General working shot of area	SE	18/8/2014
211					017	Pre ex [040]	SE	18/8/2014
212					018	Pre ex [040]	ESE	18/8/2014
213					019	General area shot	S	18/8/2014
214					020	General area shot	S	18/8/2014
215					021	Post ex slot in [040]	E	18/8/2014
216					022	Post ex slot in [040]	S	18/8/2014
217					023	South facing section of [040]	S	18/8/2014
218					024	Pre ex [042]	W	18/8/2014
219					025	South facing section [042]	S	18/8/2014
220					026	South facing section [042] close up	S	18/8/2014
221					027	General working shot	NW	18/8/2014
222					028	General working shot of strip	WSW	18/8/2014
223					029	General working shot of strip	N	18/8/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
224					030	General working shot of strip	S	18/8/2014
225					031	General working shot of strip	S	18/8/2014
226					032	General shot of trench	S	18/8/2014
227					033	Pre ex of plough scar [044]	W	18/8/2014
228					034	Trench strip	W	18/8/2014
229					035	General working shot	S	18/8/2014
230					036	General working shot	N	18/8/2014
231					037	General working shot	S	18/8/2014
232					038	Trench strip area	W	18/8/2014
233					039	Trench strip area	W	18/8/2014
234					040	Trench strip area	SW	18/8/2014
235					041	Dozer topsoil stripping	S	18/8/2014
236					042	Dozer topsoil stripping	S	18/8/2014
237					043	Finishing area	S	18/8/2014
238					044	Finishing area	N	18/8/2014
239					001	Pre ex [046] [048]	SW	19/8/2014
240					002	Pre ex [046] [048]	S	19/8/2014
241					003	General working shot slot	NE	19/8/2014
242					004	General area shot haul road	S	19/8/2014
243					005	East facing section [046] [048]	E	19/8/2014
244					006	East facing section [046] [048]	E	19/8/2014



Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
245					007	Pre ex [050] and [052] pit and linear	SE	19/8/2014
246					008	Pre ex [050] and [052] pit and linear	W	19/8/2014
247					009	Working shot	S	19/8/2014
248					010	Plough furrows	W	19/8/2014
249					011	Modern post hole, post in situ	W	19/8/2014
250					012	Modern post hole, post in situ	W	19/8/2014
251					013	Possible features		19/8/2014
252					014	Working shot	-	19/8/2014
253					015	Working shot	-	19/8/2014
254					016	Pre ex [054] (055)		19/8/2014
255					017	Modern post hole		19/8/2014
256					018	Pre ex [058] (059~)	W	19/8/2014
257					019	West facing section [058]	W	19/8/2014
258					020	Northeast facing section	NE	19/8/2014
259					021	Plough furrow near [050]		19/8/2014
260					022	Post ex [050]		19/8/2014
261					023	Pre ex [062]		19/8/2014
262					024	West facing section [062]	W	19/8/2014
263					025	West facing section [062]	W	19/8/2014
264					026	Haul road days end	S	19/8/2014
265					027	Pre ex linear furrow		20/08/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
266					028	West facing section furrow	W	20/08/2014
267					029	West facing section furrow	W	20/08/2014
268					030	Machine tracks over feature	NE	20/08/2014
269					031	Haul road area shot	SE	20/08/2014
270					032	Modern drain	W	20/08/2014
271					033	Showing pipe piece in modern drain	W	20/08/2014
272					034	Trench 1	SE	20/08/2014
273					035	Trench 1 extension	SE	20/08/2014
274					036	Trench 3 working shot	NE	20/08/2014
275					037	Trench 3 working shot	NE	20/08/2014
276					038	Trench 3 working shot	E	20/08/2014
277					039	Trench 3 drain	NE	20/08/2014
278					040	Trench 3 working shot	NE	20/08/2014
279					041	Trench 3 working shot	NE	20/08/2014
280					042	Trench 3 working shot	SE	20/08/2014
281					043	Drain removal	E	20/08/2014
282					044	Drain removal	E	20/08/2014
283					045	Drain	E	20/08/2014
284					046	Drain	E	20/08/2014
285					047	Drain	E	20/08/2014
286					048	Trench 3 working shot	E	20/08/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
287					049	Trench 3 working shot	E	20/08/2014
288					050	Trench 4	SE	20/08/2014
289					051	Trench 4	SE	20/08/2014
290					052	Trench 4	NE	20/08/2014
291					053	Trench 4 post ex	N	20/08/2014
292					054	Trench 4 post ex	NW	20/08/2014
293					055	Trench 5 working shot	SE	20/08/2014
294					056	Trench 5 ceramic water pipe in situ	SE	20/08/2014
295					057	Slate	S	20/08/2014
296					058	Ceramic water pipe	S	20/08/2014
297					059	Ceramic water pipe post ex	S	20/08/2014
298					060	Trench 5 sterile sand	SSW	20/08/2014
299					061	Trench 5 overview	SSW	20/08/2014
300					062	Trench 5 overview	SSW	20/08/2014
301					063	Trench 5	SE	20/08/2014
302					064	Large service cut trench 5	SE	20/08/2014
303					065	Trench 5	S	20/08/2014
304					066	Large service cut trench 5 sterile sand fill	SE	20/08/2014
305					067	Exposed water pipe trench 5	SE	20/08/2014
306					068	Area shot North of haul road	SE	20/08/2014
307					069	Trench 6 opening	NW	20/08/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
308					070	Possible features	SW	20/08/2014
309					071	Possible features	SW	20/08/2014
310					072	Trench 6 working shot	N	20/08/2014
311					073	Trench 6 working shot	S	20/08/2014
312					074	Trench 6 working shot	N	20/08/2014
313					075	Trench 6 working shot	S	20/08/2014
314					076	Post ex tree bowl	E	20/08/2014
315					077	Drain exposed		20/08/2014
316					078	Possible tree bowl	W	20/08/2014
317					079	Possible feature	NW	20/08/2014
318					080	Post ex tree bowl	SW	20/08/2014
319					081	Trench 6 post ex	N	20/08/2014
320					082	Trench 7 opening showing drain cut	SE	20/08/2014
321					083	Hand digging for services trench 7	SE	20/08/2014
322					084	Overview trench locations	S	20/08/2014
323					085	Start of haul strip with dozer	NW	20/08/2014
324					086	Start of haul strip with dozer	N	20/08/2014
325					087	Possible feature pre ex	E	20/08/2014
326					088	Post ex slot	N	20/08/2014
327					089	Post ex slot	W	20/08/2014
328					090	Dozer strip under overheads	ESE	20/08/2014



Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
329					091	Area Northwest of 3 <sup>rd</sup> part holding road showing area not stripped to subsoil	E	21/08/2014
330					092	Post ex area Northeast of 3 <sup>rd</sup> part holding road	W	21/08/2014
331					093	Possible feature Northeast area of haul road [066]	E	21/08/2014
332					094	Exposed pipe in feature	E	21/08/2014
333					095	Possible linear feature	SE	21/08/2014
334					096	Southeast facing	ESE	21/08/2014
335					097	Working shot subsoil Haul road	SE	21/08/2014
336					098	Working shot haul road under overheads	N	21/08/2014
337					099	Ceramic pipe in feature		21/08/2014
338					100	Post ex investigatory slot in field drain	W	21/08/2014
339					101	Post ex slot in [066]	NNW	21/08/2014
340					102	Northeast facing section [066]	NW	21/08/2014
341					103	Northeast facing section [066]	NE	21/08/2014
342					104	Working shot of plough scars Southeast of haul road	NW	21/08/2014
343					105	Post ex area strip for stone storage Southeast of haul road near 3 <sup>rd</sup> part holding road	NW	21/08/2014
344					106	Large feature exposed possibly natural	SE	21/08/2014
345					107	Large feature exposed possibly natural	W	21/08/2014
346					108	West facing section of [068]	W	22/08/2014
347					109	Post ex slot in non-arch [068]	SW	22/08/2014
348					110	Post ex slot in non-arch [068]	SW	22/08/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
349					111	Working shot haul road under overheads	S	22/08/2014
350					112	Working shot haul road under overheads end of day	SW	22/08/2014
351					113	Working shot haul road under overheads end of day	S	22/08/2014
352					114	Pre ex possible feature [070]	N	22/08/2014
353					115	Northwest facing section possible feature [070]	NW	22/08/2014
354					116	Northwest facing section possible feature [070]	NW	22/08/2014
355					117	Northwest facing section possible feature [070]	NW	22/08/2014
356					118	Pre ex possible feature	SW	22/08/2014
357					119	Pre ex possible feature	SE	22/08/2014
358					120	Exposed drain pipe in feature	S	22/08/2014
359					121	Pre ex possible feature		22/08/2014
360					122	Working shot	S	22/08/2014
361					123	Area shot stripped under 400kv	N	22/08/2014
362					124	Area shot digger and dozer	S	22/08/2014
363					125	Working shot stripped area	SW	22/08/2014
364					126	Pre ex possible feature	E	22/08/2014
365					127	Showing slot and modern drain exposed	SW	22/08/2014
366					128	North facing section possible feature	N	22/08/2014
367					129	North facing section [072]	N	22/08/2014
368					130	North facing section [072]	N	22/08/2014
369					131	North facing section [072]	N	22/08/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
370					132	Pre ex 2 linear features	E	22/08/2014
371					133	Slot through larger linear (drain)	E	22/08/2014
372					134	Slot through small linear (drain)	E	22/08/2014
373					135	Area shot	WSW	28/08/2014
374					136	Area shot	SW	28/08/2014
375					137	Working shot	S	28/08/2014
376					138	Working shot of plough scarring	SW	28/08/2014
377					139	Working shot showing topsoil	E	28/08/2014
378					140	Working shot of digger	SE	28/08/2014
379					141	Pre ex possible feature	S	28/08/2014
380					142	North facing section tree bole	N	28/08/2014
381					143	Plough scarring	SE	28/08/2014
382					144	Pre ex possible feature and plough scar	N	28/08/2014
383					145	North facing section possible feature and plough scar	N	28/08/2014
384					146	Pre ex [076] and [078]	S	28/08/2014
385					147	Pre ex [076]	S	28/08/2014
386					148	Pre ex [078]	S	28/08/2014
387					149	Pre ex [076] and [078]	E	28/08/2014
388					150	Working shot [076] and [078]	NE	28/08/2014
389					151	Southeast facing section [078]	SE	28/08/2014
390					152	Southeast facing section [076] and [078]	SE	28/08/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
391					153	Southeast facing section [078]	SE	28/08/2014
392					154	Working shot area stripped	SW	28/08/2014
393					155	Drain exposed	SW	28/08/2014
394					156	Working shot	S	28/08/2014
395					157	Tree boles	NE	28/08/2014
396					158	Northeast facing section of [081]	NE	28/08/2014
397					159	Post ex [081]	NW	28/08/2014
398					160	Northeast facing section of [081]	NE	28/08/2014
399					161	Northeast facing section of [081]	NE	28/08/2014
400					162	Northeast facing section of [081]	NE	28/08/2014
401					163	Northeast facing section of [081]	NE	28/08/2014
402					164	Northeast facing section of [081]	NE	28/08/2014
403					165	Northeast facing section of [081]	NE	28/08/2014
404					166	Working shot	SW	29/08/2014
405					167	Working shot	SW	29/08/2014
406					168	Working shot	WSW	29/08/2014
407					169	Working shot	NW	29/08/2014
408					170	Working shot	S	29/08/2014
409					171	Working shot	S	29/08/2014
410					172	East facing and post ex [083]	E	29/08/2014
411					173	Working shot of digger	SE	02/09/2014



Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
412					174	Trench	S	02/09/2014
413					175	Working shot trial hole	SW	02/09/2014
414					176	Working shot trial hole	SE	02/09/2014
415					177	South facing section possible feature	S	02/09/2014
416					178	South facing section possible feature	S	02/09/2014
417					179	South facing section possible feature	S	02/09/2014
418					179a	Working shot trial hole	S	02/09/2014
419					180	Working shot trial hole	SE	02/09/2014
420					181	Working shot trial hole	E	02/09/2014
421					182	Drainage trench base	SW	10/09/2014
422					183	Working shot drainage	W	10/09/2014
423					184	Peat in drainage trench	S	10/09/2014
424					185	Drainage oblique stratigraphy	SW	10/09/2014
425					186	Southeast facing drainage trench stratigraphy	SE	10/09/2014
426					187	Working shot drainage trench	E	10/09/2014
427					188	Working shot drainage trench	W	10/09/2014
428					189	Working shot drainage trench	E	10/09/2014
429					190	VOID		10/09/2014
430					191	South-Southeast facing trench section	SE	10/09/2014
431					192	South-Southeast facing trench section	SE	10/09/2014
432					193	South-Southeast facing trench section	SE	10/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
433					194	South-Southeast facing trench section showing drains	E	10/09/2014
434					195	Working shot drainage trench	E	10/09/2014
435					196	Working shot drainage trench	E	10/09/2014
436					197	South-Southeast facing trench section showing drain disturbance	S	10/09/2014
437					198	Drainage trench showing field drains	SE	10/09/2014
438					199	Drainage trench showing plough disturbance	SE	10/09/2014
439					200	Working shot wayleave strip section 3	S	11/09/2014
440					201	Working shot wayleave strip section 3	S	11/09/2014
441					201a	Southwest facing trench edge showing voided feature – peat	SW	11/09/2014
442					202	Pre ex poss. pit and linear	SW	11/09/2014
443					203	Pre ex poss. pit and linear	SW	11/09/2014
444					204	Pre ex poss. pit and linear	SW	11/09/2014
445					205	Pre ex poss. pit and linear	SW	11/09/2014
446					206	General shot looking Northwest	SE	11/09/2014
447					207	General shot looking Southeast	NW	11/09/2014
448					208	South facing section possible pit and drain	S	11/09/2014
449					209	South facing section possible pit and drain	S	11/09/2014
450					210	South facing section natural hollow with peat	S	11/09/2014
451					211	Slots through voided feature	NE	11/09/2014
452					212	Slots through voided feature	NE	11/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
453					213	Slots through voided feature	NE	11/09/2014
454					214	Slots through voided feature	NE	11/09/2014
455					215	Slots through voided feature	SE	11/09/2014
456					216	Pre ex possible feature	SE	11/09/2014
457					217	General shot area showing feature	E	11/09/2014
458					218	General shot looking East	W	11/09/2014
459					219	Southeast facing section [087]	SE	11/09/2014
460					220	Southeast facing section [087]	SE	11/09/2014
461					221	Working shot showing plough disturbance	NE	11/09/2014
462					222	Working shot showing plough disturbance	NE	11/09/2014
463					223	Working shot showing drains	NW	11/09/2014
464					224	General area shot	SE	11/09/2014
465					225	Area stripped	W	11/09/2014
466					226	Area stripped	W	11/09/2014
467					227	General working shot	NW	11/09/2014
468					228	General area shot	W	11/09/2014
469					229	Working shot	E	11/09/2014
470					230	Stripped area looking Northwest	SE	11/09/2014
471					231	Stripped area looking Southeast	NW	11/09/2014
472					232	Working shot	E	12/09/2014
473					233	Working shot	SE	12/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
474					234	Working shot	N	12/09/2014
475					235	Working shot	E	12/09/2014
476					236	Post ex drain	S	12/09/2014
477					237	Post ex disturbance/Bioturbation	SE	12/09/2014
478					238	Post ex disturbance/Bioturbation	NE	12/09/2014
479					239	Post ex disturbance/Bioturbation	NE	12/09/2014
480					240	Post ex drain	E	12/09/2014
481					001	Working shot	SE	12/09/2014
482					002	Modern disturbance	N	12/09/2014
483					003	Working shot section 3 strip	SW	12/09/2014
484					004	Pre ex possible feature	N	12/09/2014
485					005	Pre ex possible feature	N	12/09/2014
486					006	Slot through feature	N	12/09/2014
487					007	Slot through feature	E	12/09/2014
488					008	Slot through feature	W	12/09/2014
489					009	Extension of previous peat hollow	SW	12/09/2014
490					010	Extension of previous dealt with feature	S	12/09/2014
491					011	Backfilled test pit	N	12/09/2014
492					012	Backfilled test pit	W	12/09/2014
493					013	General area strip looking Northwest	SE	12/09/2014
494					014	General area strip looking Southeast	NW	12/09/2014



Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
495					015	Pre ex large linear	E	12/09/2014
496					016	Modern ceramic in large linear		12/09/2014
497					017	Field drain (modern)	E	12/09/2014
498					018	Field drain (modern)	S	12/09/2014
499					019	Field drain aligned North-South	S	12/09/2014
500					020	Modern field drain	E	12/09/2014
501					021	Field drain	N	12/09/2014
502					022	Field drain	N	12/09/2014
503					023	General shot area looking South	N	12/09/2014
504					024	Working shot	SE	12/09/2014
505					025	Pre ex possible feature	SE	12/09/2014
506					026	Post ex bunny burrow	SE	12/09/2014
507					027	Area shot burrowing	N	12/09/2014
508					028	Area shot burrowing	E	12/09/2014
509					029	Pre ex possible feature	SE	12/09/2014
510					030	Post ex Bioturbation	SE	12/09/2014
511					031	Post ex Bioturbation	SE	12/09/2014
512					032	Southeast facing section [100]	SE	12/09/2014
513					033	Southeast facing section [100]	SE	12/09/2014
514					034	VOID	VOID	VOID
515					035	East facing section voided feature	E	12/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
516					036	Pre ex machine truncated feature	S	12/09/2014
517					037	Pre ex machine truncated feature	NE	12/09/2014
518					038	Northeast facing section feature	NE	12/09/2014
519					039	Burrowing general shot	N	12/09/2014
520					040	Area shot looking Southeast	NW	12/09/2014
521					041	Area shot looking Northwest	SE	12/09/2014
522					042	Area shot looking North	S	12/09/2014
523					043	Area shot looking Northwest	SE	12/09/2014
524					044	Slot through non arch feature	NE	12/09/2014
525					045	Slot through non arch feature	N	12/09/2014
526					046	Slot through non arch feature	S	12/09/2014
527					047	Slot through non arch feature	N	12/09/2014
528					048	Area strip looking Southeast	NW	15/09/2014
529					049	Area strip looking Northwest	SE	15/09/2014
530					050	Field drain	SE	15/09/2014
531					051	Field drain	W	15/09/2014
532					052	Field drain	W	15/09/2014
533					053	General shot strip (done over weekend)	W	15/09/2014
534					054	General shot strip (done over weekend)	SE	15/09/2014
535					055	General shot strip (done over weekend)	SE	15/09/2014
536					056	General shot strip (done over weekend)	SE	15/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
537					057	Field drains construction cut	E	15/09/2014
538					058	Field drains construction cut	S	15/09/2014
539					059	Field drains construction cut	S	15/09/2014
540					060	Slot through non arch deposit	E	15/09/2014
541					061	Slot through non arch deposit	E	15/09/2014
542					062	Slot through non arch deposit	W	15/09/2014
543					063	Voided feature		15/09/2014
544					064	Area shot other road strip	SE	15/09/2014
545					065	Area shot of strip	NW	15/09/2014
546					066	Voided feature	NW	15/09/2014
547					067	General area shot strip and linear	SE	15/09/2014
548					068	Pre ex linear	E	15/09/2014
549					069	Slot through linear	S	15/09/2014
550					070	East facing section of linear	E	15/09/2014
551					071	West facing section of linear	W	15/09/2014
552					072	Working shot	E	15/09/2014
553					073	Topsoil in strip	E	15/09/2014
554					074	Topsoil in strip	E	15/09/2014
555					075	General shot of strip	NE	15/09/2014
556					076	Modern service cut	NW	15/09/2014
557					077	Modern service cut	E	15/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
558					078	Section showing peat	SE	15/09/2014
559					079	Section showing peat	SE	15/09/2014
560					080	Face drawn in fresh strip by workers	SE	15/09/2014
561					081	General shot area strip from weekend	S	15/09/2014
562					082	General shot area strip from weekend	NE	15/09/2014
563					083	Working shot	W	15/09/2014
564					084	Commencing slot through feature	NE	15/09/2014
565					085	Commencing slot through feature	N	15/09/2014
566					086	Commencing slot through feature	SW	16/09/2014
567					087	Feature is drain	NE	16/09/2014
568					088	Close up of drain	SE	16/09/2014
569					089	Working shot backfilling	SW	16/09/2014
570					090	General shot	E	16/09/2014
571					091	General shot	E	16/09/2014
572					092	Working shot	N	16/09/2014
573					093	Area to be stripped, Goldenberry hill in background	NE	16/09/2014
574					094	Plough scarring	NE	16/09/2014
575					095	Working shot	E	17/09/2014
576					096	Working shot	N	17/09/2014
577					097	Shot of area strip, topsoil present	NE	17/09/2014
578					098	Working shot	E	17/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
579					099	Area stripped	W	17/09/2014
580					100	Working shot	W	17/09/2014
581					101	Possible feature truncated by drainage	N	17/09/2014
582					102	East facing section of possible feature	E	17/09/2014
583					103	East facing section of possible feature	E	17/09/2014
584					104	Working shot	E	17/09/2014
585					105	Area strip	N	17/09/2014
586					106	Working shot	E	17/09/2014
587					107	Pre ex possible feature	E	17/09/2014
588					108	Pre ex possible feature	N	17/09/2014
589					109	North facing section possible feature	N	17/09/2014
590					110	Pre ex possible feature	E	17/09/2014
591					111	East facing section voided feature	E	17/09/2014
592					112	VOID		17/09/2014
593					113	Area strip	E	18/09/2014
594					114	Area strip showing undulations	NE	18/09/2014
595					115	Section through possible ditch	N	18/09/2014
596					116	Section through possible ditch	S	18/09/2014
597					117	Section through possible ditch	S	18/09/2014
598					118	Section through possible ditch	S	18/09/2014
599					119	Working shot	SE	18/09/2014



Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
600					120	Stone dyke	SE	18/09/2014
601					121	Line of removed dyke	S	18/09/2014
602					122	Stone dyke debris in strip	S	18/09/2014
603					123	Stone dyke	N	18/09/2014
604					124	Stone dyke	N	18/09/2014
605					125	General working shot	SE	18/09/2014
606					126	Area strip showing peat	SE	18/09/2014
607					127	Field drain	E	18/09/2014
608					128	Field drain looking Northeast	SW	18/09/2014
609					129	Peat inclusions in subsoil	NE	18/09/2014
610					130	Pre ex linear near posthole [112]	E	18/09/2014
611					131	Pre ex linear near posthole [112]	NE	18/09/2014
612					132	Post ex linear non arch	N	19/09/2014
613					133	Working shot	E	19/09/2014
614					134	Pre ex possible post hole	SE	19/09/2014
615					135	East facing section of non-arch feature	E	19/09/2014
616					136	Pre ex [114] possible post hole	S	19/09/2014
617					137	Area shot showing [112] and [114]	SW	19/09/2014
618					138	Area shot showing [112] and [114]	W	19/09/2014
619					139	Southeast facing section [114] (115)	SE	19/09/2014
620					140	Southeast facing section [114] (115)	SE	19/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
621					141	Southeast facing section [114]	SE	19/09/2014
622					142	Post ex [114]	SE	19/09/2014
623					143	Post ex [114]	W	19/09/2014
624					144	Area shot end of day	S	19/09/2014
625					145	Area shot end of day	SW	19/09/2014
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
631					001	General shot of stripping at section 2	SW	10/09/2014
632					002	General shot of stripping at section 2	SW	10/09/2014
633					003	Mid ex of section 2 strip, yellow sand and field drains	SE	10/09/2014
634					004	Mid ex of section 2 strip, yellow sand and field drains	SE	10/09/2014
635					005	Mid ex of section 2 strip, yellow sand and field drains	SE	10/09/2014
636					006	Location shot (as above)	SE	10/09/2014
637					007	Location shot (as above)	NE	10/09/2014
638					008	Location shot (as above)	NW	10/09/2014
639					009	Post ex stripped area	SE	10/09/2014
640					010	Post ex stripped area	SE	10/09/2014
641					011	General shot start of stripping (section 2)	NE	11/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
642					012	General shot start of stripping (section 2)	NE	11/09/2014
643					013	General shot area to be stripped (grass removed)	SW	11/09/2014
644					014	General shot area to be stripped (grass removed)	SW	11/09/2014
645					015	General stripped area, start of	SW	11/09/2014
646					016	General stripped area, start of	NE	11/09/2014
647					017	Pre ex possible posthole	W	11/09/2014
648					018	Strip jumps beyond previously stripped area	SW	11/09/2014
649					019	West part of stripped area (GPS 162/163)	SE	11/09/2014
650					020	East beginning of strip	SW	11/09/2014
651					021	Northwest facing section of [089] / (090)	NW	11/09/2014
652					022	Northwest facing section of [089] / (090)	NW	11/09/2014
653					023	General of [089] Mid Ex	SW	11/09/2014
654					024	General of [089] Post ex	W	11/09/2014
655					025	General of [089] Southwest facing section	W	11/09/2014
656					026	Eastern side of strip, general location of [089]	SW	11/09/2014
657					027	General, East side of strip	SW	11/09/2014
658					028	Pre-ex of [091] / (092)	SE	11/09/2014
659					029	Post ex of [091]	SE	11/09/2014
660					030	Southwest facing section of [091]	SW	11/09/2014
661					031	Pre ex linear [094]	NE	11/09/2014
662					032	General of linear across strip	NW	11/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
663					033	Post ex slot through [094]	SW	11/09/2014
664					034	Post ex slot through [094]	NE	11/09/2014
665					035	General stripping in Eastern strip	SW	11/09/2014
666					036	Pre ex linear [096]	NE	11/09/2014
667					037	Pre ex linear [096]	NW	11/09/2014
668					038	Post ex slot through [096]	SE	11/09/2014
669					039	Southeast facing section of slot	SE	11/09/2014
670					040	Northwest facing section of slot	NW	11/09/2014
671					041	General drainage strip for stones	SE	12/09/2014
672					042	General drainage strip for stones	SE	12/09/2014
673					043	West facing section of above	W	12/09/2014
674					044	Post ex of above	SE	12/09/2014
675					045	Post ex of above	SE	12/09/2014
676					046	Drainage trench 1 (start of) GPS178	S	12/09/2014
677					047	Drainage trench 1 (start of) GPS178	N	12/09/2014
678					048	Drainage trench 1 (start of) GPS178	S	12/09/2014
679					049	Drainage trench 1 (start of) GPS178 location shot	N	12/09/2014
680					050	Completed drainage trench 1	N	12/09/2014
681					051	Extension of stoned area	S	12/09/2014
682					052	Extension of stoned area	S	12/09/2014
683					053	Test pit 1	SE	12/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
684					054	Test pit 1 showing peat	SE	12/09/2014
685					055	Test pit 1 showing peat	SE	12/09/2014
686					056	Test pit 2	NE	12/09/2014
687					057	Stone drain that drainage will tie into	S	12/09/2014
688					058	Stone drain that drainage will tie into	S	12/09/2014
689					059	Cut of above	S	12/09/2014
690					060	Cut of stone drain test pit 1	E	12/09/2014
691					061	Stone drain test pit 1	E	12/09/2014
692					062	Test pit 3 general post ex	S	12/09/2014
693					063	Beginning of second drainage trench	NNW	12/09/2014
694					064	General second drainage trench	SE	12/09/2014
695					065	Location shot	SSE	12/09/2014
696					066	General second drainage trench	E	12/09/2014
697					067	General second drainage trench	E	12/09/2014
698					068	General second drainage trench	WNW	12/09/2014
699					069	General second drainage trench (peat)	ESE	12/09/2014
700					070	General second drainage trench	SSE	12/09/2014
701					071	Completed drainage trench 2	N	12/09/2014
702					072	Completed drainage trench 2	SSW	12/09/2014
703					073	Completed drainage trench 2	SSE	12/09/2014
704					074	Beginning of drainage trench 2 over wall	NW	12/09/2014



Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
705					075	Beginning of drainage trench 2 over wall	SE	12/09/2014
706					076	Drainage trench 2	SE	12/09/2014
707					077	Location shot	NW	12/09/2014
708					078	Drainage trench 2	NW	12/09/2014
709					079	Finish trench 2	NW	12/09/2014
710					080	Section through stone wall (upper field)	N	12/09/2014
711					081	General stone dyke	NE	12/09/2014
712					082	General stone dyke	SE	12/09/2014
713					083	General stone dyke	NE	12/09/2014
714					084	Pre ex of possible postholes	NE	15/09/2014
715					085	Pre ex of possible postholes	SE	15/09/2014
716					086	East-Northeast facing section	ENE	15/09/2014
717					087	North-Northeast facing section of burrow	NNE	15/09/2014
718					088	General shot of posthole and burrow	NNE	15/09/2014
719					089	Pre ex of possible feature	SW	15/09/2014
720					090	Pre ex of possible feature	SW	15/09/2014
721					091	Pre ex of pit	S	15/09/2014
722					092	Southwest facing section of pit	SW	15/09/2014
723					093	Southwest facing section of pit	SW	15/09/2014
724					094	Working shot		15/09/2014
725					095	Working shot		15/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
726					096	Working shot		15/09/2014
727					097	General shot of modern feature	W	15/09/2014
728					098	General shot of modern feature	W	15/09/2014
729					099	General shot of modern feature	S	15/09/2014
730					100	Working shot		15/09/2014
731					101	Working shot		15/09/2014
732					102	Working shot		15/09/2014
733					103	General shot Goldenberry hill from strip	E	17/09/2014
734					104	General pre ex strip area near Goldenberry hill	ESE	17/09/2014
735					105	General pre ex strip area near Goldenberry hill	ESE	17/09/2014
736					106	General pre ex strip area near Goldenberry hill	ESE	17/09/2014
737					107	Goldenberry Hill from strip with reduced wall	NE	17/09/2014
738					108	Hill to North of strip back of Hunterston plantation	S	17/09/2014
739					109	General shot over landscape toward Ardneil	N	17/09/2014
740					110	Working shot with Goldenberry Hill	ESE	17/09/2014
741					111	Working shot		17/09/2014
742					112	General shot of filled dip in landscape	NE	17/09/2014
743					113	General shot of filled dip in landscape	NE	17/09/2014
744					114	Southwest facing section of natural dip in landscape	SW	17/09/2014
745					115	Southwest facing section of natural dip in landscape	SW	17/09/2014
746					116	Working shot	SE	17/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
747					117	Working/General shot	SE	17/09/2014
748					118	Working/General shot	SE	17/09/2014
749					119	Working/General shot	S	17/09/2014
750					120	Working/General shot	N	17/09/2014
751					121	Working/General shot	S	17/09/2014
752					122	Southwest facing section of [112] general shot	SW	17/09/2014
753					123	Southwest facing section of [112]	SW	17/09/2014
754					124	Southwest facing section of [112]	SW	17/09/2014
755					125	Post ex [112]	S	17/09/2014
756					126	Post ex [112]	S	17/09/2014
757					127	Post ex [112]	N	17/09/2014
758					128	General area stripped by morning	SE	22/09/2014
759					129	General area stripped by morning	SE	22/09/2014
760					130	General location/landscape shot	NW	22/09/2014
761					131	General, area stripped, West side still to be stripped	NW	22/09/2014
762					132	General shot, 2 areas stripped (location)	SE	22/09/2014
763					133	General shot, 2 areas stripped (location)	SE	22/09/2014
764					134	General, stripping	NW	22/09/2014
765					135	General, second area stripped (location)	SE	23/09/2014
766					136	As above, showing subsoil	SE	23/09/2014
767					137	General of stripping of Western side	NW	23/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
768					138	General first area after stripping of Western side	NW	23/09/2014
769					139	General first area after stripping of Western side	SE	23/09/2014
770					140	General first area further Northwest stripping East side	NW	23/09/2014
771					141	General, stones within topsoil	NE	23/09/2014
772					142	As above, showing fence in line behind	SE	23/09/2014
773					143	General, second area of stripping	NW	23/09/2014
774					144	As above, location shot	NW	23/09/2014
775					145	As above, location shot, area to be stripped (towards Goldenberry Road)	S	23/09/2014
776					146	As above, location shot, area to be stripped (towards Goldenberry Road)	SE	23/09/2014
777					147	General, distance between areas 1 and 2	NW	23/09/2014
778					148	General shot dozer moving spoil	NE	24/09/2014
779					149	General shot area north	SE	24/09/2014
780					150	Pre ex possible feature	ESE	24/09/2014
781					151	Pre ex possible feature	N	24/09/2014
782					152	General area shot of strip (lots of topsoil)	E	24/09/2014
783					153	General shot, area left 24/9/14 stripped	NW	25/09/2014
784					154	General, North extent of stripped area	SW	25/09/2014
785					155	General, North extent of stripped area	WSW	25/09/2014
786					156	General, looking back down stripped area	N	25/09/2014
787					157	Location shot, North extent of strip	W	25/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
788					158	General, stripped farmers track	S	25/09/2014
789					159	Location shot	WSW	25/09/2014
790					160	Stripped farmer track	S	25/09/2014
791					161	Farmer track stripped	SW	25/09/2014
792					162	Farmer track stripped location	NW	25/09/2014
793					163	Farmer track stripped section (bedrock)	NE	25/09/2014
794					164	Farmer track stripped	S	25/09/2014
795					165	Farmer track stripped	S	25/09/2014
796					166	Farmer track stripped North extent	S	25/09/2014
797					167	Area main strip left for tree	S	25/09/2014
798					168	General shot, stripping at North extent after tree	S	25/09/2014
799					169	As above, shows farmer track at side	S	25/09/2014
800					170	General, liking back down strip	N	25/09/2014
801					171	Stripping West side with second machine	S	25/09/2014
802					172	Area at North extent stripped from tree	N	25/09/2014
803					173	General of stripped area	S	26/09/2014
804					174	Showing area of controversy	S	26/09/2014
805					175	Showing area of controversy	NE	26/09/2014
806					176	General, stripping of West side at North extent	N	26/09/2014
807					177	Stripped area (high bedrock) at North extent	NW	26/09/2014
808					178	Stripped area (high bedrock) at North extent	NW	26/09/2014



Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
809					179	Location shot	SE	26/09/2014
810					180	Area where I stripped to subsoil	NE	26/09/2014
811					181	As above – finished	S	26/09/2014
812					182	Area around tree stripped	NW	26/09/2014
813					183	Area around tree stripped	NE	26/09/2014
814					184	General, showing beginning of road levelling	SE	26/09/2014
815					185	General, showing beginning of road levelling	SE	26/09/2014
816					186	Road levelling, showing clay and bedrock	SE	26/09/2014
817					187	Section through road levelling (bedrock	NE	26/09/2014
818					188	Road levelling, (clay and bedrock)	SE	26/09/2014
819					189	General, road levelling	N	26/09/2014
820					190	Slope of levelled road	NNW	26/09/2014
821					191	General, road levelling	NE	26/09/2014
822					192	General, road levelling	NNW	26/09/2014
823					193	Area of haul road still to be dug	SSW	26/09/2014
824					194	Area of haul road still to be dug	N	26/09/2014
825					195	Area of haul road still to be dug	S	26/09/2014
826					196	Bedrock in Eastern corner	SW	26/09/2014
827					197	Bedrock in Western corner	SE	26/09/2014
828					198	General, stripping of lower level haul road	NE	29/09/2014
829					199	As above, section (East facing)	NE	29/09/2014

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
830					200	General of above, showing bedrock	NE	29/09/2014
831					201	General, stripping lower level haul road	NE	29/09/2014
832					202	Excavation on other side of Goldenberry Road	ESE	29/09/2014
833					203	Excavation, wall, as above	NW	29/09/2014
834					204	As above, general	NW	29/09/2014
835					205	Excavation at Western side of Goldenberry Road	N	29/09/2014
836					206	As above, showing bedrock	N	29/09/2014
837					207	General, finished stripping of haul road	NE	29/09/2014
838					208	Stripping at Western side of Goldenberry Road	ESE	29/09/2014
839					209	Stripping at Western side of Goldenberry Road	ESE	29/09/2014
840					210	Stripping at Western side of Goldenberry Road	NNE	29/09/2014
841					211	Stripping at Western side of Goldenberry Road	NW	29/09/2014
842					212	Stripping at Western side of Goldenberry Road	ESE	29/09/2014
843					213	Stripping at Western side of Goldenberry Road	NW	29/09/2014
844					214	Stripping, West side Goldenberry Road	ESE	29/09/2014
845					215	Finished stripping of haul road	N	29/09/2014
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-
-	-	-	-	-	-	-	-	-

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
851						Pipes within test pit 1		19/08/2014
852						Evidence of pipe cut within test pit 2		19/08/2014
853						Evidence of pipe cut within test pit 2		19/08/2014
854						Test pit 1		19/08/2014
855						Single pipe within test pit 2		19/08/2014
856						Single pipe within test pit 2		19/08/2014
857						Test pit 3		19/08/2014
858						Test pit 3		19/08/2014
859						Test pit 3		19/08/2014
860						Test pit 3		19/08/2014
861						Test pit 4		19/08/2014
862						Pipe within test pit 4		19/08/2014
863						Test pit 5		19/08/2014
864						Test pit 5		19/08/2014

## Finds Register

Find No.	Area/Trench	Context no.	Material Type	Description	Excavator	Date
001	Compound south	001	Ceramic	3 x pieces modern ceramic	MB	01/07/2014
002	Section 1	021	Metal	2 x nails	KS	22/07/2014
003	Section 1	001	Ceramic	Decorated body sherd	KS	22/07/2014

Find No.	Area/Trench	Context no.	Material Type	Description	Excavator	Date
004	VOID	VOID	VOID	VOID	VOID	VOID
005	VOID	VOID	VOID	VOID	VOID	VOID
006	Section 2	001	Glass	Bottle base	KS	22/07/2014
007	Section 2	045	Fired Clay	Fired clay tobacco pipe stem	JL	18/08/2014
008	Section 2	067	Slag	Coal ash slag	JL	21/08/2014
009	Section 2	001	Slag	Coal ash slag	JL	26/08/2014
010	Section 2	001	Ceramic	Porcelain sherd	JL	22/08/2014
011	Section 2	001	Dry organic	Coal	JL	26/08/2014
012	Section 2	001	Glass	1 x shard	JL	22/08/2014
013	VOID	VOID	VOID	VOID	VOID	VOID
014	Section 2	001	Fired clay	Fired clay tobacco pipe stem	JL	11/09/2014
015	Trial Holes	086	Slate	3 x slate	JL	11/09/2014
016	Trial Holes	086	Dry organic	Coal	JL	11/09/2014
017	Section 2	093	Ceramic	1 x sherd	JL	11/09/2014
018	Section 3	001	Lithic	1 x flint	JL	16/09/2014
019	VOID	VOID	VOID	VOID	VOID	VOID
020	VOID	VOID	VOID	VOID	VOID	VOID
021	Section 2	049	Stone	1 x burnt shale	JL	19/08/2014
022	Section 2	001	Stone	1 x slate	JL	
023	Section 2	001	Slate	1 x slate	JL	

*Sample Register*

<b>Sample No.</b>	<b>Area/Trench</b>	<b>Context</b>	<b>Sample Type</b>	<b>Description</b>	<b>Excavator</b>	<b>Date</b>
001	Compound south	001	Bulk, 1 x L Bag	Mid brown grey sandy silt	MB	25/06/2014
002	Compound south	002	Bulk, 1 x L Bag	Orange brown sand	MB	25/06/2014
003	VOID	VOID	VOID	VOID	VOID	VOID
004	Compound south	005	Routine, 1 x L Bag	Light grey sandy silt	MB	26/06/2014
005	Compound south	007	Routine, 1 x L Bag	Light grey sandy silt	MB	26/06/2014
006	VOID	VOID	VOID	VOID	VOID	VOID
007	Compound south	011	Routine, 1 x L Bag	Light brown sandy silt	MB	02/07/2014
008	Compound south	013	Routine, 1 x L Bag	Black charcoal layer	MB	02/07/2014
009	Compound south	014	Routine, 1 x L Bag	Light brown grey silty sand	MB	02/07/2014
010	Compound North	017	Routine, 1 x L Bag	Mid brown silty sand and black pockets	MB	03/07/2014
011	Section 1	021	Routine, 1 x L Bag	Mixed sandy silt with nails, post med?	KS	22/7/2014
012	Section 2	030	Routine, 2 x L Bag	Fill of irregular feature with lots of charcoal	KS	25/7/2014
013	Section 2	036	Routine, 1 x M Bag	Mid brown sandy clay	JL	18/8/2014
014	Section 2	038	Routine, 1 x L	Reddish pink clayey sand	JL	18/8/2014

Sample No.	Area/Trench	Context	Sample Type	Description	Excavator	Date
			Bag			
015	Section 2	041	Routine, 1 x L Bag	Friable mid brown silty sand	JL	18/8/2014
016	Section 2	051	Routine, 1 x L Bag	Dark brown silty sand	JL	19/8/2014
017	Section 2	059	Routine, 1 x L Bag	Dark brown silty sand	JL	19/8/2014
018	Section 2	061	Routine, 1 x L Bag	Light mid brown silty sand	LRK	19/8/2014
019	Section 2	063	Routine, 1 x L Bag	Dark brown silty sand	JL	19/8/2014
020	Section 2	067	Routine, 1 x L Bag	Light brown silty sand mixed with yellow sand	JL	21/8/2014
021	Section 2	072	Routine, 1 x L Bag	Mid brown silty sand with charcoal	JL	26/8/2014
022	Section 2	077	Routine, 1 x L Bag	Dark brown sandy silt with frequent charcoal	JL	28/8/2014
023	Section 2	079	Routine, 1 x L Bag	Dark brown sandy silt	JL	28/8/2014
024	Section 2	080	Routine, 1 x L Bag	Light to mid orange brown	JL	28/8/2014
025	Section 2	082	Routine, 1 x L Bag	Mid brown slightly silty sand	JL	28/8/2014
026	Section 2	084	Routine, 1 x L Bag	Mid brown sandy silt	JL	29/8/2014
027	Section 2	074	Routine, 1 x L Bag	Mid brown sandy silt	JL	28/8/2014



Sample No.	Area/Trench	Context	Sample Type	Description	Excavator	Date
028	Section 2	090	Routine, 1 x L Bag	Dark brown friable very sandy silt	DiG	11/9/2014
029	Trial Holes	086	Routine, 1 x L Bag	Dark brown compact silty clay	JL	11/9/2014
030	Trial Holes	088	Routine, 1 x L Bag	Dark brown compact slightly sandy silt	JL	11/9/2014
031	Section 2	095	Routine, 1 x M Bag	Light to mid brown silty sand	DiG	11/9/2014
032	Section 2	092	Routine, 1 x M Bag	Mid to dark brown sandy silt	DiG	11/9/2014
033	Section 2	097	Routine, 1 x L Bag	Mid brown very sandy silt	DiG	11/9/2014
034	Section 3	110	Dating, 1 x M Bag	Dark brown/greyish sandy silt with wood	JL	18/9/2014
035	Section 3	111	Routine, 1 x M Bag	White/light grey/brown sand	JL	18/9/2014
036	Section 3	109	Dating, 1 x M Bag	Mid brown grey silty sand with charcoal	JL	18/9/2014
037	Section 3	113	Routine, 1 x L Bag	Dark brown sandy silt	JL	18/9/2014
038	Section 3	115	Routine, 1 x L Bag	Brownish grey silty sand	JL	19/9/2014

## Appendix 2: Discovery & Excavation in Scotland

<b>LOCAL AUTHORITY:</b>	North Ayrshire
<b>PROJECT TITLE/SITE NAME:</b>	Western Link Northern Point of Connection: Hunterston to Ardneil Bay Archaeological Watching Brief
<b>PROJECT CODE:</b>	RA14035
<b>PARISH:</b>	West Kilbride
<b>NAME OF CONTRIBUTOR:</b>	Jessica Lumb & Katie Sludden
<b>NAME OF ORGANISATION:</b>	Rathmell Archaeology Limited
<b>TYPE(S) OF PROJECT:</b>	Archaeological Monitoring
<b>NMRS NO(S):</b>	None
<b>SITE/MONUMENT TYPE(S):</b>	None
<b>SIGNIFICANT FINDS:</b>	A flint blade was recovered from an unstratified context
<b>NGR (2 letters, 8 or 10 figures)</b>	NS 219072 648545
<b>START DATE (this season)</b>	19 <sup>th</sup> June 2014
<b>END DATE (this season)</b>	29 <sup>th</sup> September 2014
<b>PREVIOUS WORK (incl. DES ref.)</b>	None
<b>MAIN (NARRATIVE) DESCRIPTION:</b> (may include information from other fields)	<p>A watching brief was undertaken for the Western Link Northern Point of Connection: Hunterston to Ardneil Bay onshore cable by Rathmell Archaeology Ltd for RSK Environment Ltd on behalf of their clients Prysmian Group.</p> <p>During the archaeological monitoring, the features and artefacts uncovered mostly pertained to 19<sup>th</sup> and 20<sup>th</sup> century activities, natural events and agricultural improvements.</p> <p>A number of features and two of the artefacts recovered likely represent earlier use of the area from the prehistoric to the post medieval period; however, no significant sites were encountered.</p>
<b>PROPOSED FUTURE WORK:</b>	None
<b>CAPTION(S) FOR ILLUSTRS:</b>	None
<b>SPONSOR OR FUNDING BODY:</b>	RSK Environment Ltd
<b>ADDRESS OF MAIN CONTRIBUTOR:</b>	Unit 8 Ashgrove Workshops, Kilwinning, Ayrshire KA13 6PU
<b>E MAIL:</b>	contact@rathmell-arch.co.uk
<b>ARCHIVE LOCATION (intended/deposited)</b>	Report to West of Scotland Archaeology Service and archive to RCAHMS Collections

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