

**Neilston Community Wind Farm:  
Archaeological Watching Brief**

Data Structure Report

by Diane Gorman

issued 11<sup>th</sup> July 2012



## Quality Assurance

This report covers works which have been undertaken in keeping with the issued brief as modified by the agreed programme of works. The report has been prepared in keeping with the guidance of Rathmell Archaeology Limited on the preparation of reports. All works reported on within this document have been undertaken in keeping with the Institute for Archaeologists' Standards and Policy Statements and Code of Conduct.

Signed .....

Date .....

In keeping with the procedure of Rathmell Archaeology Limited this document and its findings have been reviewed and agreed by an appropriate colleague:

Checked .....

Date .....

Copyright Rathmell Archaeology Limited. All rights reserved.

No part of this report may be copied or reproduced by any means without prior written permission from Rathmell Archaeology Limited. If you have received this report in error, please destroy all copies in your possession or control and notify Rathmell Archaeology Limited.

This report has been prepared for the exclusive use of the commissioning party and unless otherwise agreed in writing by Rathmell Archaeology Limited, no other party may use, make use of or rely on the contents of the report. No liability is accepted by Rathmell Archaeology Limited for any use of this report, other than the purposes for which it was originally prepared and provided.

Opinions and information provided in the report are on the basis of Rathmell Archaeology Limited using due skill, care and diligence in preparation of the same and no explicit warranty is provided as to their accuracy. It should be noted and it is expressly stated that no independent verification of any of the documents or information supplied to Rathmell Archaeology Limited has been made.

## Contents

<b>Executive Summary .....</b>	<b>4</b>
<b>Introduction .....</b>	<b>4</b>
Historical & Archaeological Background.....	6
<b>Project Works .....</b>	<b>6</b>
<b>Findings.....</b>	<b>7</b>
Area 1 .....	7
Area 2 .....	9
Area 3 .....	9
Area 4 .....	11
Area 5 .....	13
Additional Works .....	13
<b>Discussion .....</b>	<b>15</b>
<b>Recommendations .....</b>	<b>15</b>
<b>Conclusion .....</b>	<b>16</b>
<b>References .....</b>	<b>16</b>
Documentary .....	16
Cartographic.....	16
<b>Appendix 1: Registers.....</b>	<b>17</b>
Context Register .....	17
Photographic Record .....	21
Samples Record .....	34
Finds Record.....	34
<b>Appendix 2: Discovery &amp; Excavation in Scotland .....</b>	<b>35</b>
<b>Contact Details .....</b>	<b>36</b>

## Figures

Figure 1a: 1 <sup>st</sup> edition Ordnance Survey 1863 .....	5
Figure 1b: 2 <sup>nd</sup> edition Ordnance Survey 1897 .....	5
Figure 2: Site Plan (showing Chainage) .....	8
Figure 3a: Area 1 main entrance and bell-mouth .....	10
Figure 3b: Area 3 excavation of main access road.....	10
Figure 4a: Clearance cairn [016] Area 4.....	12
Figure 4b: Excavation of Area 4 main access road .....	12
Figure 5a: Area of landfill cut by main access track within Area 3.....	14
Figure 5b: Excavation of Area 5 main access track.....	14

---

## Executive Summary

1. Within the granted consent (09/0744/PP) for the wind farm at Neilston, East Renfrewshire the planning authority has required a programme of archaeological works (Condition 13).
2. The staged programme of archaeological works to deliver the mitigation required through this condition has been detailed within the Terms of Reference prepared by Rathmell Archaeology Ltd for Neilston Community Wind Farm LLP and agreed with East Renfrewshire Council. The first stage of the works comprised monitoring of all soft sediment ground breaking activities within the development area, with the results of the monitoring informing the appropriateness and character of subsequent mitigation.
3. The archaeological monitoring works were carried out from the 26<sup>th</sup> March 2012 to the 20<sup>th</sup> April 2012, the findings of which are presented in this report.
4. The monitoring works failed to identify any significant archaeological features during the excavation of soft sediment works. The area has been heavily disturbed by activities relating to use of the area as Drumgrain Landfill Site during the mid to late 20<sup>th</sup> century. In addition, the shallow nature of the exposed geology indicates that the footprint of the new wind farm covers mostly archaeologically sterile land.
5. Consequently we have recommended, in keeping with the agreed Terms of Reference, that no further archaeological works are appropriate.

## Introduction

6. The West of Scotland Archaeology Service, who advises East Renfrewshire Council on archaeological matters, requested archaeological monitoring to be carried out in order to manage the potential impact on archaeological remains. The Planning Authority appended Condition 13 to the granted consent for archaeology:

*13. The developer shall secure the implementation of an archaeological watching brief, to be carried out by an archaeological organisation acceptable to the planning authority, during development work. The retained archaeological organisation shall be afforded access at all reasonable times and allowed to record and recover items of interest and finds. Terms of Reference for the watching brief will be supplied by the West of Scotland Archaeology Service. The name of the archaeological organisation retained by the developer shall be given to the planning authority and to the West of Scotland Archaeology Service in writing not less than 14 days before development commences.*
7. In keeping with the appended condition a Terms of Reference document (defining a programme of archaeological works) was agreed with the Planning Authority in March 2012. The Terms of Reference (Turner 2011) met the scope of Condition 13 and best practice. The agreed programme of works commenced with archaeological monitoring of all soft sediment ground breaking works within the development area to inform the appropriateness of subsequent stages of archaeological works.
8. This Data Structure Report, prepared for Neilston Community Wind Farm LLP by Rathmell Archaeology Ltd, reports on the findings of the archaeological monitoring works before presenting recommendations as to the appropriateness of undertaking further stages of work as defined within the agreed Terms of Reference.
9. The Data Structure Report is structured to meet the advice of the West of Scotland Archaeology Service who recommended to East Renfrewshire Council that archaeological issues should be addressed. Rathmell Archaeology Limited was appointed by Neilston Community Wind Farm LLP to undertake the development and implementation of archaeological mitigation works.

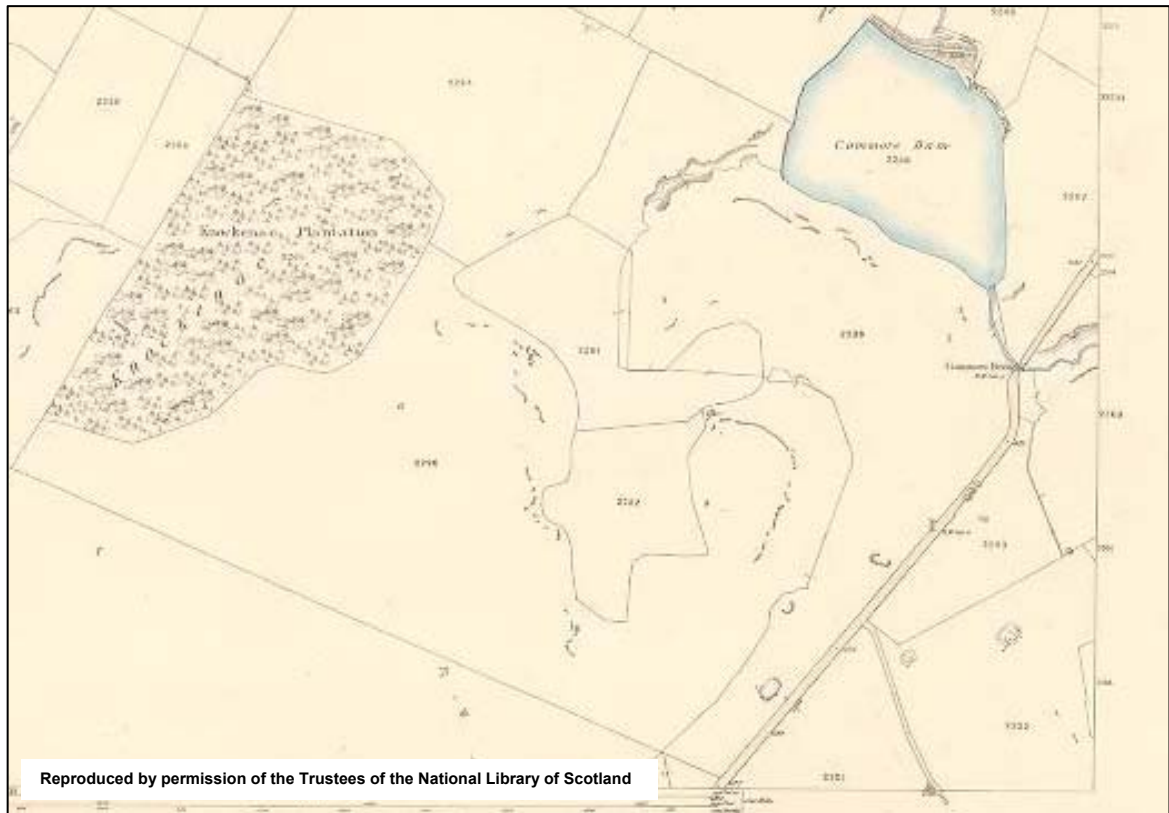


Figure 1a: 1<sup>st</sup> edition Ordnance Survey 1863

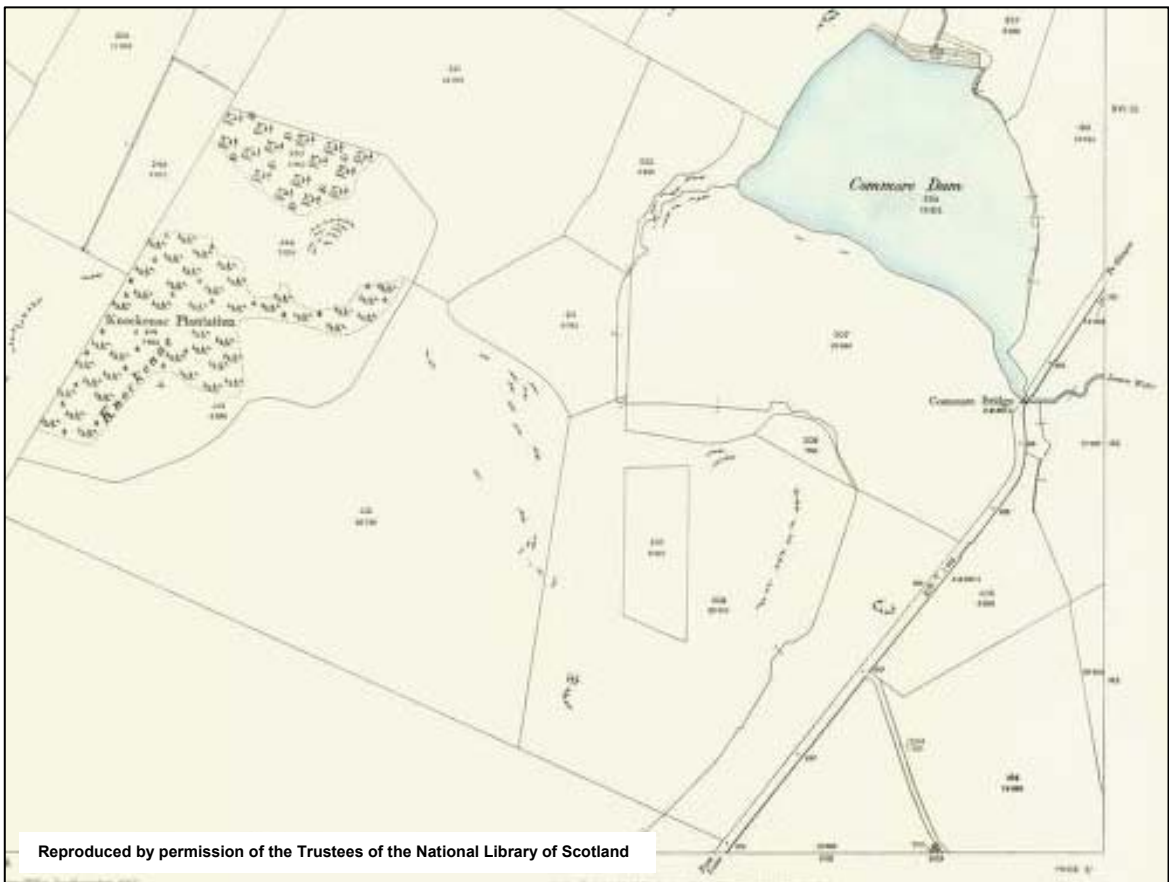


Figure 1b: 2<sup>nd</sup> edition Ordnance Survey 1897

### *Historical & Archaeological Background*

10. The development area is located south-west of the village of Neilston, in East Renfrewshire. The wind farm is adjacent to, and partially surrounds the former Drumgrain Landfill, situated off Kingston Road. The Ordnance Survey 1<sup>st</sup> edition (Figure 1a) and Ordnance Survey 2<sup>nd</sup> edition (Figure 1b), indicate no archaeological features or sites within the footprint of the wind farm development, although the surrounding area boasts one or two identified features of possible archaeological significance.
11. South-east of the site and 180m south of the farmstead known as 'Picketlaw', the remains of a hut-circle were excavated, where later prehistoric pottery and fragments of flint were recovered (Canmore ID: 75507). Further indication of prehistoric activity is suggested to the east of the site near the Harelaw Dam, where a number of flints were recovered (Canmore ID: 75506), in addition to the discovery of a flint blade (Canmore ID: 43020). Located south-east of the wind farm, near Moyne Moor, a feature tentatively identified as 'an ancient stone dyke' was recorded, characterised as a 'stoney bank' (Canmore ID: 82280).
12. To the north-east of the wind farm site lies a hill known locally as the 'Neilston Pad', which is one of the highest points in the area. An archaeological survey in this area identified a bank at the crest of the hill; the bank follows the contour round the south-west side, the only part of the hill not defined by crags. It is possible this indicates activities of the iron-age period, given that this type of earthwork is usually associated with defensive purposes. Enclosed within the bank is an area of rig and furrow (Canmore ID: 42985), generally identified as medieval or post-medieval activity; further possible rig and furrow was recorded north-east of the Neilston Pad (Canmore ID: 133479).
13. In addition to the possible prehistoric and medieval features mentioned above, an early 18<sup>th</sup> century farmhouse has been excavated north-east of the Neilston Pad (Canmore ID; 133483), from which possible late medieval pottery was recovered.

### **Project Works**

14. The programme of mitigation works comprised archaeological monitoring of the excavation of all soft sediment within the wind farm development area, as described in the Terms of Reference (Turner 2011) and agreed with the West of Scotland Archaeology Service. Monitoring works took place from 26<sup>th</sup> March 2012 continuously until 20<sup>th</sup> April 2012.
15. Initially, the project works included the archaeological monitoring of soft sediments in areas stripped and reduced to form the access tracks, haul roads, borrow pit, turbine foundations, temporary compounds and storage areas for the new wind farm. The centre of the development area is the former Drumgrain landfill site; this has been excluded from the development works, and was assessed to be archaeologically sterile. It was hence unnecessary for archaeological monitoring to be undertaken within the known extent of the landfill site.
16. During the course of these works, archaeologically sterile strata (i.e. natural geological deposits, with no archaeologically significant sediments present) and shallow natural bedrock were encountered over a sufficient area to demonstrate the absence of archaeological potential. Further consultation with the West of Scotland Archaeology Service resulted in the cessation of archaeological monitoring as of 20<sup>th</sup> April 2012.
17. Therefore it is necessary to revise the initial project works as identified in the Terms of Reference (Turner 2011): archaeological monitoring of the majority of the access tracks was undertaken, excavation of the crane pads adjacent to turbines three and four only was monitored, in addition to the excavation of the temporary compound. Inclusive within the works was the archaeological monitoring of various other smaller works, which are discussed in detail below.
18. Previously assigned sequential chainage numbers allow for ease of reference to specific locations within the site. However the numbers are represented in triplicate on site; this

necessitated further sub-division of the site into four areas; these are referred to as Area 1, Area 2 etc, assigned sequentially based on location (see Figure 2). These area numbers were co-ordinated and assigned by Rathmell Archaeology Ltd.

19. All works complied with the West of Scotland Archaeology Service Standard Conditions, the Institute for Archaeologists' Standards and Policy Statements and Code of Conduct and Historic Scotland Policy Statements.

## Findings

### *Area 1*

20. The majority of Area 1 consisted of a pre-existing tarmac access track from previous use of the area as landfill. Area 1 begins at Chainage 0 (at the Kingston Road site entrance) and terminates at Chainage 200 (Figure 2).
21. Works within the pre-existing main access road (carried out between Chainage 60 and Chainage 200) comprised of clearing the upper layers of turf (003) and modern rubbish which had accumulated over the tarmac (001) to a thickness of approximately 0.1m. Generally the tarmac surface was kept for use as access for vehicles but occasionally 0.06m thickness of the tarmac was removed, revealing hardcore (002) below to an unknown depth. It was necessary to excavate a small area at about Chainage 100; this comprised an area of about 10m by 3m, and was excavated to a depth of 0.1m to 0.2m. Deposit (005) was found within this area, which is located at the south-western side of the track. This deposit consisted of an assortment of construction debris (red bricks, concrete flagstones, modern plastic etc) within a mid-brown gravel silty clay matrix; this deposit covered an area 1.5m to 2m wide and 0.1m to 0.2m deep. Also within this context were a number of worked and dressed rectangular and square sandstone blocks, the largest of which was 0.8m by 0.4m by 0.3m; these also appeared to represent demolition material. It was necessary to remove this area of demolition to accommodate a slight extension of the access road to facilitate a temporary site hut.
22. The area immediately adjacent to the main road was widened to the north and north-east to create a bell-mouth (see Figure 3a); deep excavations were required in this area. The pre-existing tarmac covered a portion of this area, presumably relating to access for the landfill at some point. The area was cleared to reveal upper layers of both tarmac and turf (003).
23. Excavations within the bell-mouth area revealed a variety of deposits; within the tarmac area closest to Kingston Road, 0.25m thickness of tarmac and hardcore material (002) was removed to reveal 0.4m thickness of orange gravel (007) below (this looked to be a levelling deposit). A layer of peat (008) was found below (007); this was 0.2m to 0.3m thickness, and looked to be undisturbed with no modern inclusions. A thin interface (011) (0.02m to 0.06m thickness) was located below this, with natural subsoil (009), light-brown/orange silty clay, found below the interface. No evidence of interference was revealed within the subsoil.
24. The northern end of the bell-mouth was excavated through the uppermost layer of 0.1m thickness of turf (003) to reveal a layer of peat (010) 0.2m to 0.5m thick, which had been subject to much interference. This contained an abundance of modern debris including red bricks, concrete, plastic and linoleum tile fragments amongst other things. Removal of this deposit revealed the interface (011) below which maintains roughly the same thickness throughout. Generally subsoil (009) was found below this, although subsoil was not reached throughout the whole area of the extension. In the areas where it was reached the subsoil within the bell-mouth extension was excavated to a maximum depth of 0.4m thickness.
25. Measured depths have been taken from the upper level of the adjacent Kingston Road tarmac. No archaeological features were found during monitoring works in Area 1.



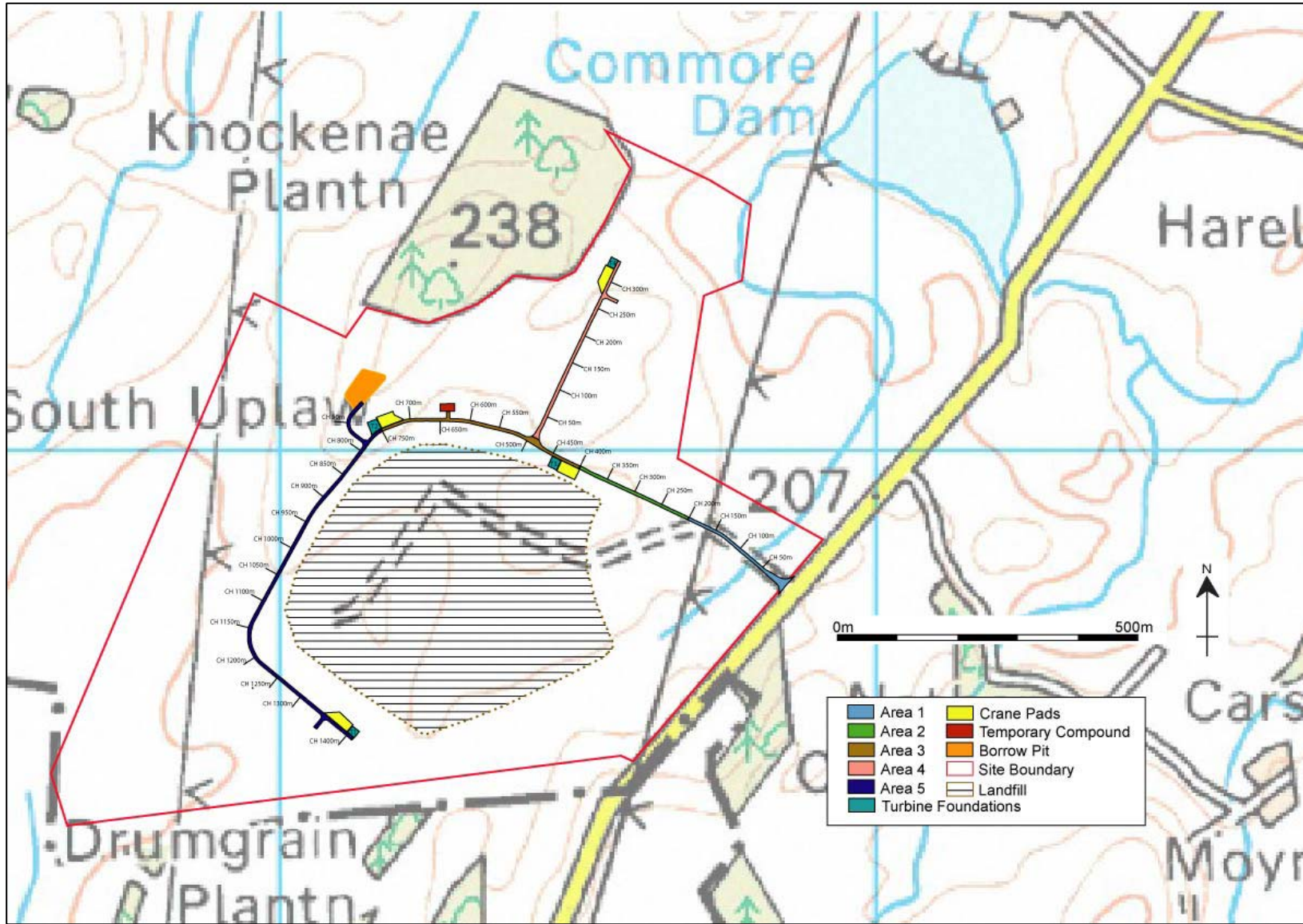


Figure 2: Site Plan (showing Chainage)

---

## Area 2

26. Monitoring works within this area included the excavation of the main access road, which branches off from the pre-existing tarmac track way discussed above. Area 2 encompasses the area from Chainage 200 to Chainage 400. The nature of the works in the area results in a division of the works. The access road discussed from this point forward measures 4.5m wide, although there are anomalies within this.
27. Monitoring of the excavation for the access road between Chainage 200 and Chainage 250 revealed 0.02m to 0.05m thickness of turf (003) above 0.25m to 0.35m thickness of topsoil (012) below. This was light-mid brown silty clay with abundant small to medium rounded and angular stones. A continuation of the same subsoil found within Area 1 (009) was found below this; sporadic patches of grey clay subsoil (015) were found within (009). These had no definition or form, and appear to be the result of geological processes from the underlying bedrock.
28. The area between Chainage 250 and Chainage 300 was built up with gravel, so did not require archaeological monitoring. Lack of sufficient space for the main access track necessitated the removal of the northern and north-eastern part of a hill which is located to the south-west of the access track (approximately south-west of Chainage 300). Archaeological monitoring of the crest of this hill revealed shallow bedrock in the area. Excavation removed maximum 0.35m thickness of moss (003) to reveal 0.2m thickness of dried out peat (008) below. Bedrock (013) was found immediately below this.
29. Excavations down the northern and north-eastern sides of the slope revealed 0.05m to 0.1m of moss (003) and dried out peat (008) above 0.03m to 0.2m thickness of topsoil (012) below, continuing from Area 1. Subsoil (014) was found below this excavated to a depth of 0.2m thickness; this was mid-brown/purple (mottled orange) silty clay, with frequent rounded and angular stone flecks and small to medium stones.
30. Excavations within this area then included the area at the base of the hill on the northern and north-eastern sides; this area forms the main access road, between Chainage 300 and Chainage 400. The stratigraphy revealed were the same as those revealed down the slopes of the hill. A linear feature [035] was found running along the northern edge of the exposed area. This was orientated west to east along the northern edge of the excavation and was filled with angular, medium sized grey stones, which looked to be crushed concrete aggregate; this was 0.4m wide. No other archaeological features were found within Area 2 during monitoring works.

## Area 3

31. Area 3 includes the stretch of access road from Chainage 400 to Chainage 750 and the temporary compound; it also initially included the Crane Pad for Turbine 3, the area excavated for Turbine 3 itself, and the Crane Pad for Turbine 2. However, only the access road and the temporary compound were monitored during the course of these works. The access road within this area varies in width from 3.5m to around 5m. The temporary compound excavated area measured 25m by 40m.
32. The stratigraphy within the excavated access road within Area 3 (Figure 3b) showed the upper strata to be undisturbed peat (008) which varied in thickness from 0.1m to 0.45m. Below this, the strata varied according to location, although generally below the peat the underlying stratigraphy came down onto natural clay subsoil. The depth of excavation within Area 3 varies from 0.5m to 1.7m.
33. Subsoil within Area 3 included (009) and (014) in addition to; (019) which was orange clay (mottled grey) with rare small to medium angular stones and occasional sandstone inclusions. Subsoil (025) was yellow/green silty clay (mottled orange) and was 0.2m depth as excavated. Subsoil (029), very light brown clay (tinged purple) with occasional sandstone inclusions and rare rootlets, excavated to 0.3m thickness.



Figure 3a: Area 1 main entrance and bell-mouth



Figure 3b: Area 3 excavation of main access road

34. Excavation within the area of Chainage 400 to Chainage 440 exposed the uppermost 0.1m to 0.2m of the strata to contain plastic and polystyrene. At Chainage 420, a linear feature consisting of medium sized angular grey gravel ran south to north across the excavation, varying in width from 1.5m to 2m; it found to be 0.4m thickness and laid immediately over peat (008).
35. At Chainage 500, a deposit of black burnt material containing modern plastic (023) was revealed to run for 4m to the west. Mid-brown silty clay (mottled orange) with occasional roots (024) was found below measuring 0.15m to 0.2m thickness.
36. The excavation of the temporary compound area revealed 0.25m thickness of modern accumulated rubbish (plastic, linoleum, plastic bag etc) above 0.1m thickness of turf. Removal of the turf revealed 0.15m thickness of topsoil (012) above subsoil (009).
37. From Chainage 720 to Chainage 740 it became apparent that the layout of the access road encroached on the area of the landfill (Figure 5a). The base of the trench at Chainage 700 revealed subsoil (029); at Chainage 720 this changes to the fill of a dump of modern rubbish (full bin bags, plastic bags, plastic containers, cast iron pipes etc). It was unclear at what point the base of the trench reverts back to undisturbed natural subsoil. At Chainage 750 (the beginning of Area 5) the excavation of the main access road was temporarily suspended due to the presence of otters or badgers in the vicinity. No significant archaeological features were found during monitoring of works in Area 3.

#### *Area 4*

38. A clearance cairn [016] (0.82m above the turf with a diameter of 4.37m) was located north-west of the access road within Area 4 (Figure 4a). A slot excavated through the structure revealed plastic at 0.67m depth below the top of the cairn. The fill of this structure was small to medium field stones mixed with topsoil (017): dark brown/black silty clay.
39. The initial archaeological monitoring of works in this area included the main access road (which included a turning point at the northern end) as well as the area for Turbine 4 and the adjacent Crane Pad. Only the main access road and turning point were monitored during the course of these works (Chainage 0 to Chainage 300). The access road varies in width from 9m to 14m wide (see Figure 4b). Subsoil was reached throughout the excavation of the access road within Area 4. The depths of excavation within this area generally did not go below 0.5m. Bedrock was generally found at depths of not greater than 0.5m (measured from the top of the turf), and in many places was found much higher (0.1m depth below the top of the turf).
40. Excavation at Chainage 0 exposed 0.09m thickness of turf (003) above 0.17m thickness of topsoil (012); this was above 0.1m to 0.2m thickness of subsoil (009), which sat immediately above bedrock (013). These deposits were consistent across the entire area although patches of subsoil (018) were also revealed within some areas in place of (009); this was mid-brown/grey clay with occasional sandstone inclusions and small to medium rounded and angular stones, found at 0.25m to 0.3m below the top of the turf.
41. At the north end of the access road (at around Chainage 300) deposit (027) was exposed below topsoil (012) and above subsoil (009). This looked to be a possible colluvial deposit, consisting of a mixture of subsoil (014) and (009). (027) was small to medium angular gravel within a silty clay matrix. It was light-mid brown (tinged with purple) and measured 0.1m to 0.2m thickness.
42. The topsoil around the area of Chainage 140 to Chainage 160 was revealed to contain abundant charcoal and coal inclusions, with frequent inclusions of burnt bone. Two spreads of burnt topsoil material (021) and (022) were investigated throughout the course of these works, and were found to be the result of burnt topsoil (012) material naturally infilling hollows and undulations within the landscape.
43. No significant archaeological features were found during monitoring of the works within Area 4.



Figure 4a: Clearance cairn [016] Area 4



Figure 4b: Excavation of Area 4 main access road

## Area 5

44. Initially this encompassed the area from Chainage 750 to Chainage 1400, the areas for Turbines 1 and 2, the adjacent Crane Pad for Turbine 1, the Borrow Pit and the access road leading to the borrow pit. Excavation of the area from Chainage 740 to Chainage 920 was temporarily suspended, due to the possible presence of badgers or otters in the vicinity. This includes the access path to the borrow pit, and the borrow pit itself. The area of Turbine 2 was also within this area, and was also temporarily suspended. Due to these circumstances, archaeological monitoring works within Area 5 were restricted to the area from Chainage 920 to 1400. However, once Chainage 1160 was reached, it was realised that the works already monitored had failed to reveal any significant archaeological features and indeed the majority of the site had been exposed to be archaeologically sterile subsoil or shallow bedrock. As such, archaeological monitoring did not continue beyond this point. The access road was around 5m wide (see Figure 5b).
45. Monitoring of the access road within this area revealed shallow bedrock. The topsoil in the area was (031), light-mid brown clayey silt with frequent rootlets, frequent angular and rounded pieces of bedrock and stones. The thickness of the topsoil varied from 0.05m to 0.15m thickness. A layer of turf or moss (003) 0.02m to 0.1m thickness sat above this.
46. Subsoil in the area was generally encountered at 0.2m depth below the top of the grass. Subsoil revealed in the area was either (030) or (032). Subsoil (030) was light-mid blue (mottled orange and brown) slightly clayey silt with occasional rootlets, occasional small to medium angular stones and an inclusion of an unidentified natural white waxy material. Subsoil (032) was purple (mottled brown, orange and light blue) silty clay, laced with bedrock, with the same white waxy material as found in (030) and frequent small to medium angular stones. Bedrock (013) was found immediately below the subsoil, generally between 0.1m to 0.2m, but sometimes found immediately below the turf.
47. At Chainage 1040, deposit (034) was exposed, situated below topsoil (031) and above subsoil (030). This was 0.4m thick, consisting of loose, light brown/grey (mottled orange) silty clay, with frequent small to medium rounded and angular stones; this deposit also contained frequent modern red brick fragments, glass shards, in addition to modern plastic and plastic film.
48. No significant archaeological features were found during the course of the monitoring works within Area 5.

### *Additional Works*

49. In addition to the previously agreed specified works, a number of additional drainage channels were excavated within Areas 2, 3, 4 and 5 of the site. These were generally parallel to the main access track and were excavated prior to it. The drainage channels in Areas 2, 3 and 4 were generally 0.3m deep and 0.3m wide and were excavated in order to drain the majority of the water from the fields into the channels in order to prevent the main access tracks flooding. The drainage channel excavated within Area 5 was 0.5m to 1m deep from the top of the modern ground level, and was approximately 1m wide. The deeper excavations were necessary within this channel as the area consisted mainly of peat and was waterlogged.
50. Nothing of archaeological significance was revealed during the excavation of the additional drainage channels.



Figure 5a: Area of landfill cut by main access track within Area 3



Figure 5b: Excavation of Area 5 main access track

---

## Discussion

51. Archaeological monitoring of excavation works revealed deposits and features associated with use of the land as a landfill in the late 20<sup>th</sup> century. These include the tarmac access track leading into the site from the main site access at Kingston Road, in addition to a number of other deposits. Deposit (005) (within Area 1) looks to be the result of a dump of construction material which has spilled over from the main access road.
52. Within Area 3, the deposit of black burnt material (023), and the mid-brown silty clay (024) found below, are also likely to be associated with use of the area as a landfill. The burnt material (023) could be the result of general burning of debris; its location adjacent to but not actually within the area of the landfill would indicate any debris found in this area is over spill from the landfill and would support the idea of burning to remove it. The accumulation of modern rubbish found within the excavated temporary compound area (within Area 3) indicates another area where rubbish has become dislodged from the main area of the landfill. The area of landfill exposed at Chainage 720 to Chainage 740 is an obvious indicator of the extent of use of the area as a landfill. The disturbed deposit (034) (containing modern plastic, red brick etc) within Area 5 also seems likely to relate to use of the area as landfill.
53. Monitoring also revealed deposits and features which can be associated with the use of the land after the landfill went out of use. The linear feature [035] revealed in Area 2 looks to be a modern field drain, most likely installed after the closure of the landfill, possibly to draw contaminated water away from natural sources of water in the area. The fill of this feature was similar to that of the second, larger linear feature [036] found in Area 3. The purpose of this linear feature is unknown, but given that the gravel within the feature lies immediately on top of the peat (008), it seems likely that this is superfluous crushed concrete aggregate material (originally used for filling the modern field drain) used to form a basic road surface.
54. The clearance cairn [016] which was investigated within Area 4 also looks to be the result of recent activity in the area, and seems likely to have post-date landfill activity. The clearance cairn seems likely to be the result of clearing of stones within the area, usually associated with farming activities. The plastic found within the fill of this feature indicates it is the result of very recent activities.
55. The burnt material revealed within topsoil (012) within Area 4 which contained charcoal, coal and burnt bone is also likely to be the result of fairly recent farming activities in the area. Given that the burnt material is contained within the topsoil, it seems likely that this is the result of burning in the area which was confined to the topsoil; it is therefore not of archaeological significance.

## Recommendations

56. The majority of works on site exposed only sterile drift geology, containing no significant archaeological deposits. In addition, the bedrock revealed during the course of the works was unusually shallow and as such, negates the presence of any possible significant human activity or archaeology in the area. Other deposits and features found during the course of the works relate to use of the area as landfill in the late 20<sup>th</sup> century, or recent farming activities which seem likely to post-date the closure of the landfill.
57. The area immediately surrounding the landfill has been heavily disturbed during the mid-late twentieth century and the monitoring works carried out during the excavations for the construction of the new wind farm failed to identify any significant archaeological features. As a result no further works are recommended as a direct consequence of this phase of monitoring.
58. No additional on-site works are recommended during the current phase of development, but it should be recognised that there remains a high potential for significant archaeology to survive in the wider landscape around the footprint of the Neilston Community Wind farm.



59. The appropriateness and acceptability of our recommendations rests with East Renfrewshire Council, and their archaeological advisers, the West of Scotland Archaeology Service.

## Conclusion

60. Archaeological monitoring works were undertaken in respect to the development of a new wind farm at Neilston, East Renfrewshire. The archaeological works were designed to mitigate the impact on the archaeological remains within their development area.
61. The monitoring failed to identify any significant archaeological features during the excavation of soft sediment works. The area has been heavily disturbed by activities relating to use of the area as Drumgrain Landfill Site during the mid to late 20<sup>th</sup> century. In addition, the shallow nature of the exposed geology indicates that the footprint of the new wind farm covers mostly archaeologically sterile land.

## References

### *Documentary*

Turner, L, 2011 *Neilston Community Wind Farm, East Renfrewshire Archaeological Mitigation: Terms of Reference*, unpublished commercial document prepared by Rathmell Archaeology Ltd

### *Cartographic*

1863	Ordnance Survey	1 <sup>st</sup> edition Ordnance Survey, 25 inch Renfrewshire; sheet XVI.9; Neilston
1897	Ordnance Survey	2 <sup>nd</sup> edition Ordnance Survey, Renfrewshire; sheet XVI.9; Neilston

## Appendix 1: Registers

Within this appendix are all registers pertaining to works on-site during the monitoring works.

### *Context Register*

<b>Context No.</b>	<b>Area/Trench</b>	<b>Type</b>	<b>Description</b>	<b>Interpretation</b>
001	Area 1	Deposit	Tarmac	Tarmac
002	Area 1	Deposit	Compact material, composed of Type 1 gravel with varying colour. Contains red and yellow brick fragments/brick dust, pieces of concrete, general ceramic (biscuit) fragments and modern ceramics all mixed together.	Hardcore levelling/bedding deposit for pre-existing track.
003	Area 1	Deposit	A mix of turf, long grass and moss which has grown over tarmac. Appears in general landscape and on western side of existing track (by bell mouth).	Turf/long grass/moss.
004	Area 1	Deposit	Topsoil surviving from the 1970's landfill works. Mid-brown in colour and composed of silt/clay. Contains modern glass and gravel and looks to be disturbed.	Disturbed topsoil.
005	Area 1	Deposit	Quite compact, mixed in colour, demolition deposit within a mid-brown/orange gravel and silt/clay matrix. Composed of worked medium-large rectangular and square sandstone blocks. These were found in a straight line but were not mortared together or arranged in any particular order. Within the deposit there were red bricks/fragments, stone slabs, concrete, modern plastic and lime mortar. The deposit is 1.5m – 2m x 23m in extent and was discovered in a small area stripped for a cabin at W. side of pre-existing track.	Demolition deposit, resulting from dumping of material, relating to the area's use as landfill.
006	Area 1	Structure	NE - SW running dry stone wall/field boundary running along the W side of the main road within the 'bell mouth' area. The structure was 500mm in height, 600mm wide and contained no mortar material. It was composed of small/large angular/un-worked stones and slate.	Dry stone wall/field boundary.
007	Area 1	Deposit	Loose mid-orange gravel (in silt/clay matrix). Consists of small/medium rounded stones with no visible inclusions. The deposit was 400mm thick with an unknown extent.	Make-up deposit.

Context No.	Area/ Trench	Type	Description	Interpretation
008	Area 1	Deposit	Soft, dark brown/black, very sticky clay and rootlets. No visible inclusions. The deposit was 200mm to 300mm thick with an unknown extent.	Undisturbed peat.
009	Area 1	Deposit	Friable, light brown/orange and mottled grey silt/clay. The deposit contained frequent small/medium angular and rounded stones and was discovered at 0.5m from the top of the modern main road.	Natural subsoil.
010	Area 1	Deposit	Same as peat (008) but disturbed. Contains red bricks, concrete chunks, tarmac, modern ceramic fragments modern glass and plastic etc. The deposit is 300mm – 400mm thick with an unknown extent.	Disturbed peat, containing modern debris (plastic, linoleum etc)
011	Area 1	Deposit	Firm mid-brown/grey silt/clay with abundant small to medium angular stones, occasional large angular stones, frequent small/medium rounded stones and rootlets. The thickness varies from 20mm to 60mm with an unknown extent.	Interface between peat (010) and subsoil (009).
012	Area 2, 4	Deposit	Light-mid brown silt/clay with occasional rootlets, abundant small/medium rounded and angular stones. The deposit is 250mm – 500mm thick. In area 4, this deposit contains burnt bone and charcoal which looks to have resulted from burning of woodland.	Topsoil.
013	General	Deposit	Bedrock	Bedrock.
014	Area 2	Deposit	Friable, very crumbly mid-brown/purple/mottled orange silt/clay. Contains frequent rounded and angular stone flecks, very small/medium rounded and angular stones and rare rootlets. The deposit was 200mm thick as excavated.	Natural subsoil.
015	Area 2, 3.	Deposit	Friable/soft mid-dark grey clay with occasional angular stones. The deposit is 400mm thick with an unknown extent.	Natural subsoil.
016	Area 4.	Deposit	Modern clearance cairn (roughly circular in plan) located W of the access/haul road location in Area 4, and N of fence/dry stone boundary wall. Consists of loose (no mortar/bonding) small – large angular, rounded and flat stones and occasional slate. Also contains topsoil (016). Stones look to be a mix of fragments of natural bedrock (013), rounded and angular field	Modern clearance cairn.

Context No.	Area/ Trench	Type	Description	Interpretation
			stones and rough bricks. A thin layer of moss has grown over feature; outer edge has turf (003) over it. From the top of surrounding turf the feature is 300mm high. A slot was excavated through the feature and modern plastic was found at a depth of 670mm. Above this was 2 fragments of animal bone. The feature is approx 4.37m wide.	
017	Area 4	Deposit	Loose, dark brown/black silt/clay with abundant rootlets.	Topsoil present amongst stones in (016)
018	Area 4	Deposit	Friable/soft mid brown/grey clay. Occasional sandstone, small-medium rounded and angular stones and rare rootlets. Found at a depth of 250mm to 300mm.	Natural subsoil.
019	Area 4	Deposit	Soft/friable orange clay. Rare small-medium angular stones and occasional sandstone inclusions.	Natural subsoil.
020	Area 4	Deposit	Natural hollow located at the area 4 haul road between 5m NE of beginning of haul road in this area CH 60. The feature begins in the middle of the trench heading NE. This is filled with turf (003) and topsoil (012) with a maximum depth of 60mm.	Natural Hollow, filled with topsoil.
021	Area 4	Deposit	Spread of burnt material found 3m NE of CH 140 and 2m NW of E edge of haul road. Soft, light-mid brown silt/clay (basically topsoil (012) but with abundant charcoal). Frequent rootlets, abundant charcoal (biggest fragment approx. 20mm x 20mm) and coal. The deposit was 40mm thick with an unknown extent.	Spread of burnt material contained with topsoil, resulting from burning material in topsoil area.
022	Area 4	Deposit	Deposit within stone throw located at CH 160 6m WNW of E edge of trench. Greasy black mottled orange silt/clay with abundant charcoal flecks and pieces and burnt bone. Also inclusions of glass, and un-worked heat affected stones. The deposit was 50mm thick.	Stone throw filled with burnt material, resulting from burning activities in topsoil (012).
023	Area 3	Deposit	Soft black silt/clay with frequent rootlets and occasional plastic pieces. The deposit was 20mm to 40mm thick.	Deposit resulting from burning in the area; looks to be associated with use of the area as landfill.
024	Area 3	Deposit	Friable/soft mid-brown mottled orange slightly silty clay at a depth of 150mm – 200mm and located directly below (023).	Possibly associated with burnt material (023).

Context No.	Area/ Trench	Type	Description	Interpretation
025	Area 3	Deposit	Friable/firm yellow/green mottled orange/brown silt/clay. Abundant small-medium angular stones found at a depth of 200mm.	Deposit
026	Area 4	Deposit	Deposit within stone throw located at CH 300 on W side of road. The 'feature' lacks form and is most likely natural. It was filled with mid-dark brown/grey slightly silty clay with abundant rootlets, occasional medium rolled angular stones and small angular stones. The 'feature' was approx 1.2m long and 0.9m wide.	Fill of stone throw.
027	Area 4	Deposit	Small-medium angular gravel deposit within silty clay matrix. Light-mid brown slightly purple in colour. 100mm to 200mm thick. Frequent rootlets. Looks to contain subsoil's (014) and (009). Deposit is new to the area, found in area 4 haul road around CH 317.	Colluvial deposit.
028	Area 3	Deposit	Friable/soft pale grey/pale blue clay with frequent sandstone and occasional rootlets. The thickness varies from 100mm to 200mm at CH 560, haul road, area 3, but likely present elsewhere.	Natural subsoil.
029	Area 3	Deposit	Friable/soft light brown clay tinged with purple with occasional (yellow/green) sandstone inclusions and rare rootlets. 300mm as excavated. (Lowest deposit found at CH 560 HAUL road, area 3).	Natural subsoil.
030	Area 5	Deposit	Soft/friable light-mid blue (royal and sky) mottled orange /brown slightly clay silt. Occasional rootlets and small-medium angular stones. In places there are abundant angular volcanic stones. Also a frequent crumbly white soapy material is found within this context. 20mm – 50mm as excavated, full extent unknown.	Natural subsoil.
031	Area 5	Deposit	Soft, light-mid brown clay/silt with frequent rootlets, angular and rounded stones and medium chunks of bedrock. 200mm max thickness as excavated.	Topsoil.
032	Area 5	Deposit	Friable/firm purple mottled brown, orange and light blue very crumbly silty clay. Contains bedrock, rare crumbly soapy material and frequent small-medium angular stones. 70mm –	Natural subsoil.

Context No.	Area/Trench	Type	Description	Interpretation
			200mm as excavated.	
033	Area 5	Cut/Deposit	Test pit carried out by Raynesway. Located at CH 980 in the SW facing section, covering about 3/4 width of the haul road trench. Fragments of a modern floor material and tile were found in fill.	Test pit.
034	Area 5	Deposit	Loose, light brown/grey mottled orange silty clay. Frequent small-medium rounded and angular stones, glass, modern ceramics, modern red brick fragments and plastic and film wrappers. 400mm max depth as excavated.	Overspill from landfill.
035	Area 2	Cut and fill	Cut of modern field drain filled with crushed concrete aggregate 0.4m wide at northern edge of excavation of access track	Modern field drain (post landfill)
036	Area 3	Cut and fill	Deposit of crushed concrete aggregate similar to [035] 1.5m-2m wide, located north to south across excavated area of access road, 0.4m deep.	Modern deposit (for basic road?) above peat (008)

### Photographic Record

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
001	-	-	-	-	001	Pre-ex shot of 'Bell Mouth' area adjacent to entrance gate.	NE	26/03/2012
002	-	-	-	-	002	As above	NE	26/03/2012
003	-	-	-	-	003	As above, close up.	NE	26/03/2012
004	-	-	-	-	004	Pre-ex shot of pre-existing track near 'Bell Mouth' area.	NE	26/03/2012
005	-	-	-	-	005	As above, showing goal posts.	NE	26/03/2012
006	-	-	-	-	006	General landscape shot.	SE	26/03/2012
007	-	-	-	-	007	General landscape shot.	S	26/03/2012
008	-	-	-	-	008	General pre-existing track (taken from second goal post.)	ENE	26/03/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
009	-	-	-	-	009	General pre-ex/landscape shot (taken from pre-existing track.)	SE	26/03/2012
010	-	-	-	-	010	As above showing fence posts for layout of access road.	SE	26/03/2012
011	-	-	-	-	011	General, pre-existing track (goal posts in background)	WNW	26/03/2012
012	-	-	-	-	012	General pre-ex layout of access road.	SE	26/03/2012
013	-	-	-	-	013	General pre-ex layout of access road.	SE	26/03/2012
014	-	-	-	-	014	General/landscape shot.	E	26/03/2012
015	-	-	-	-	015	Initial clearing of 'Bell Mouth' area down to tarmac (001) and hardcore (002)	NE	26/03/2012
016	-	-	-	-	016	As above.	SE	26/03/2012
017	-	-	-	-	017	As above.	SE	26/03/2012
018	-	-	-	-	018	Showing initial clearing of 'Bell Mouth'/ Pre-existing down to tarmac (001) and hardcore (003)	SE	26/03/2012
019	-	-	-	-	019	As above.	SE	26/03/2012
020	-	-	-	-	020	Showing demolition/sandstone wall remains (005)	NE	26/03/2012
021	-	-	-	-	021	Demolition (005) sandstone blocks (remains of wall)	NE	26/03/2012
022	-	-	-	-	022	As above.	NE	26/03/2012
023	-	-	-	-	023	As above, location shot (2 <sup>nd</sup> goal post in background)	NE	26/03/2012
024	-	-	-	-	024	Demolition (005) sandstone blocks	NE	26/03/2012
025	-	-	-	-	025	Location shot (005).	NW	26/03/2012
026	-	-	-	-	026	TP-2 S Facing Section.	S	26/03/2012
027	-	-	-	-	027	Showing new site accommodation for area one (goal posts in background).	ESE	27/03/2012
028	-	-	-	-	028	General, area 1 showing pre-existing track to (001) and (002).	SE	27/03/2012
029	-	-	-	-	029	As above.	SE	27/03/2012
030	-	-	-	-	030	Area 1 excavation of 'Bell Mouth'.	S	27/03/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
031	-	-	-	-	031	Area 1 excavation of 'Bell Mouth'.	S	27/03/2012
032	-	-	-	-	032	Section through dry stone wall [006]	SSW	27/03/2012
033	-	-	-	-	033	As above.	SSW	27/03/2012
034	-	-	-	-	034	Shows natural subsoil.	ESE	27/03/2012
035	-	-	-	-	035	General excavation of 'Bell Mouth' area.	SE	27/03/2012
036	-	-	-	-	036	As above, close up.	SE	27/03/2012
037	-	-	-	-	037	Excavation of 'Bell Mouth' in progress, shows made up ground.	SE	27/03/2012
038	-	-	-	-	038	General excavation of 'Bell Mouth' – made up ground and subsoil (009)	SW	27/03/2012
039	-	-	-	-	039	As above, close up of subsoil (009)	NE	27/03/2012
040	-	-	-	-	040	General, 'Bell Mouth' excavation (009), (010) and (011)	E	27/03/2012
041	-	-	-	-	041	'Bell Mouth' excavation (009), (010) and (011)	NE	27/03/2012
042	-	-	-	-	042	'Bell Mouth' excavation (009), (010) and (011)	NE	27/03/2012
043	-	-	-	-	043	'Bell Mouth' excavation (009), (010) and (011), close up of subsoil (009).	NE	27/03/2012
044	-	-	-	-	044	'Bell Mouth' excavation general shot.	ESE	27/03/2012
045	-	-	-	-	045	'Bell Mouth' excavation zoomed into subsoil (009).	E	27/03/2012
046	-	-	-	-	046	Excavation of 'Bell Mouth' through turf and boggy peat (010).	SW	27/03/2012
047	-	-	-	-	047	General 'Bell Mouth' location shot.	W	27/03/2012
048	-	-	-	-	048	Showing more sandstone blocks on grassy verge.	W	27/03/2012
049	-	-	-	-	049	As above (relating to deposit (005))	NW	27/03/2012
050	-	-	-	-	050	Location shot of hill being stripped – Area 2	WNW	28/03/2012
051	-	-	-	-	051	Area 2 – Excavation of hill crest and slope (exposing bedrock).	WNW	28/03/2012
052	-	-	-	-	052	As above. Excavation down slope towards access road location.	SW	28/03/2012
053	-	-	-	-	053	General excavation of hill.	W	28/03/2012



Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
054	-	-	-	-	054	As above.	WNW	28/03/2012
055	-	-	-	-	055	As above.	W	28/03/2012
056	-	-	-	-	056	Excavation of base of hill.	WSW	28/03/2012
057	-	-	-	-	057	As above, location shot.	SE	28/03/2012
058	-	-	-	-	058	As above, close up of subsoil.	S	28/03/2012
059	-	-	-	-	059	Test pit within area 3.	SE	28/03/2012
060	-	-	-	-	060	As above, different test pit.	E	28/03/2012
061	-	-	-	-	061	Test pit – area 3 of access road location.	SE	28/03/2012
062	-	-	-	-	062	Landscape shot – edge of tip to left.	NE	28/03/2012
063	-	-	-	-	063	Landscape shot – edge of tip to right.	SW	28/03/2012
064	-	-	-	-	064	Pre-ex of borrow pit behind tree's.	SE	28/03/2012
065	-	-	-	-	065	'Bell Mouth' final excavation.	NE	28/03/2012
066	-	-	-	-	066	As above.	NE	28/03/2012
067	-	-	-	-	067	Shows 'Bell Mouth' SE Facing Section.	SE	28/03/2012
068	-	-	-	-	068	General post-ex shot of 'Bell Mouth' area.	NW	28/03/2012
069	-	-	-	-	069	As above, North side.	NW	28/03/2012
070	-	-	-	-	070	Location shot, excavation of crest and base of hill.	SE	28/03/2012
071	-	-	-	-	071	Location shot, excavation of crest and base of hill.	SE	28/03/2012
072	-	-	-	-	072	Area 2 - Excavation at base of hill.	SE	28/03/2012
073	-	-	-	-	073	Area 2 - Excavation at base of hill, shows post marking middle of access road.	SW	28/03/2012
074	-	-	-	-	074	Test pit within area 4.	NE	29/03/2012
075	-	-	-	-	075	Another test pit, within area 4.	SSE	29/03/2012
076	-	-	-	-	076	Test pit 3, almost immediately onto bedrock (0.2m).	ESE	29/03/2012
077	-	-	-	-	077	Test pit 4, much deeper (3.1m).	NW	29/03/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
078	-	-	-	-	078	Same test pit as above with mound? To left of photo.	SE	29/03/2012
079	-	-	-	-	079	Close up of mound, possible archaeological feature.	SE	29/03/2012
080	-	-	-	-	080	Close up of mound, possible archaeological feature in area 4, west of the access road.	NE	29/03/2012
081	-	-	-	-	081	Last test pit within area 4, comes almost straight onto bedrock.	NW	29/03/2012
082	-	-	-	-	082	Landscape shot (from area 4 north end).	NW	29/03/2012
083	-	-	-	-	083	General landscape shot showing mound.	NW	29/03/2012
084	-	-	-	-	084	Possible man made feature (quarried?) next to test pit.	ESE	29/03/2012
085	-	-	-	-	085	Pre-ex of location of main compound (in front of trees), and borrow pit (behind trees).	ENE	29/03/2012
086	-	-	-	-	086	General shot of (016) in area 4.	SE	29/03/2012
087	-	-	-	-	087	Location of (016) showing S most part. Also showing posts marking haul road.	SE	29/03/2012
088	-	-	-	-	088	General shot of (016)	SE	29/03/2012
089	-	-	-	-	089	Close up of (016)	SE	29/03/2012
090	-	-	-	-	090	As above.	SE	29/03/2012
091	-	-	-	-	091	N Facing section of slot through (016)	N	29/03/2012
092	-	-	-	-	092	Slot though (016)	NW	29/03/2012
093	-	-	-	-	093	As above.	NW	29/03/2012
094	-	-	-	-	094	Test pit – area 5.	SE	29/03/2012
095	-	-	-	-	095	Location shot of drainage channel at the beginning of area 4.	ESE	30/03/2012
096	-	-	-	-	096	General drainage channel, area 4.	SE	30/03/2012
097	-	-	-	-	097	As above.	SW	30/03/2012
098	-	-	-	-	098	Se Facing section of drainage channel (tape set at 0.5m)	SE	30/03/2012
099	-	-	-	-	099	General shot of drainage channel, area 4.	NE	30/03/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
100	-	-	-	-	100	SE Facing section of drainage channel, area 4 (tape set at 0.5m)	NE	30/03/2012
101	-	-	-	-	101	Location shot, drainage channel, area 2.	SE	30/03/2012
102	-	-	-	-	102	Drainage channel, area 2.	SE	30/03/2012
103	-	-	-	-	103	SW Facing section of drainage channel, area 2 (tape set at 0.5m)	SW	30/03/2012
104	-	-	-	-	104	As above.	SW	30/03/2012
105	-	-	-	-	105	Excavation of drainage channel, area 2 (location)	NW	30/03/2012
106	-	-	-	-	106	As above, showing peat (008) and (010)	NW	30/03/2012
107	-	-	-	-	107	Pre-ex of area to be stripped for access road.	SE	02/04/2012
108	-	-	-	-	108	Pre-ex of area to be stripped for access road, taken from first set of goal posts.	SE	02/04/2012
109	-	-	-	-	109	Pre-ex of area to be stripped for access road taken from second goal post (CH 250)	SE	02/04/2012
110	-	-	-	-	110	As above.	SE	02/04/2012
111	-	-	-	-	111	Working shot of bulldozer at the beginning of access road (CH 250)	S	02/04/2012
112	-	-	-	-	112	Showing topsoil (012) and subsoil (009)	SE	02/04/2012
113	-	-	-	-	113	General shot showing the beginning of access road (bulldozed) (CH 250)	SE	02/04/2012
114	-	-	-	-	114	Location shot of above.	SE	02/04/2012
115	-	-	-	-	115	As above, close up.	SE	02/04/2012
116	-	-	-	-	116	Shows end excavation CH 250 (beyond this is to be built up).	SE	02/04/2012
117	-	-	-	-	117	SW Facing section of excavated area CH 250	SW	02/04/2012
118	-	-	-	-	118	Shows bedrock (013) being excavated	N	02/04/2012
119	-	-	-	-	119	Area at W end; still in topsoil (012) – not to be reduced.	NE	02/04/2012
120	-	-	-	-	120	General location shot showing excavated drainage channel.	SE	02/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
121	-	-	-	-	121	Drainage channel (area 2) NE facing section.	NE	02/04/2012
122	-	-	-	-	122	Drainage channel (area 3) general shot.	SE	02/04/2012
123	-	-	-	-	123	Drainage channel NE facing section.	N	02/04/2012
124	-	-	-	-	124	Drainage channel SW facing section.	SW	02/04/2012
125	-	-	-	-	125	General shot of drainage channel.	ESE	02/04/2012
126	-	-	-	-	126	Drainage channel (area 3) connecting to area 4.	SW	02/04/2012
127	-	-	-	-	127	Drainage channel (area 3) SW facing section showing orange clay (019)	SW	02/04/2012
128	-	-	-	-	128	Drainage channel (area 3) General shot beginning (019)	ESE	02/04/2012
129	-	-	-	-	129	Drainage channel (CH 640)	NW	02/04/2012
130	-	-	-	-	130	Area 2 – CH 250 – Shows area on left to be built up.	SW	02/04/2012
131	-	-	-	-	131	Excavation of drainage channel, area 5.	SW	03/04/2012
132	-	-	-	-	132	Location of above (landfill behind camera)	NE	03/04/2012
133	-	-	-	-	133	As above.	NE	03/04/2012
134	-	-	-	-	134	As above.	NE	03/04/2012
135	-	-	-	-	135	Final shot, excavation of drainage channel.	ENE	03/04/2012
136	-	-	-	-	136	As above, close-up of (008) and (018)	ESE	03/04/2012
137	-	-	-	-	137	As above, close-up of (008) and (018)	NE	03/04/2012
138	-	-	-	-	138	Final shot, excavation of drainage channel.	SW	03/04/2012
139	-	-	-	-	139	Showing haul road CH250, gravel spreading.	SW	04/04/2012
140	-	-	-	-	140	As above, close-up.	SW	04/04/2012
141	-	-	-	-	141	General shot of haul road, area 4.	SW	04/04/2012
142	-	-	-	-	142	As above, looks to beginning/wall.	NE	04/04/2012
143	-	-	-	-	143	Shows feature (020) (Middle of picture) (from beginning) CH 40 - 60	SW	04/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
144	-	-	-	-	144	As above.	SW	04/04/2012
145	-	-	-	-	145	As above.	SW	04/04/2012
146	-	-	-	-	146	As above, location of slot through (020)	SW	04/04/2012
147	-	-	-	-	147	NE facing section of (020)	NE	04/04/2012
148	-	-	-	-	148	SW facing section of (020)	SW	04/04/2012
149	-	-	-	-	149	General shot of slot at end of feature.	SW	04/04/2012
150	-	-	-	-	150	Post-ex of (020)	ESE	04/04/2012
151	1	23	-	-	-	Pre-ex shot of (021)	SW	05/04/2012
152	1	24	-	-	-	Post-ex shot of (021)	ESE	05/04/2012
153	1	25	-	-	-	General shot, area 4, haul road from CH 160	NE	05/04/2012
154	1	26	-	-	-	General shot, area 4, haul road from CH 140 (widening of haul road)	SW	05/04/2012
155	1	27	-	-	-	Pre-ex shot of (022) (stones removed at side)	ESE	05/04/2012
156	1	28	-	-	-	Mid ex shot of (022)	ESE	05/04/2012
157	1	29	-	-	-	Area 2 haul road CH 400.	ESE	05/04/2012
158	1	30	-	-	-	NE facing section CH 400	NE	05/04/2012
159	1	31	-	-	-	SW Facing section of CH 400 (haul road)	SW	05/04/2012
160	1	32	-	-	-	General shot of gravel feature at CH 420	ESE	05/04/2012
161	1	33	-	-	-	General shot of area 2 haul road (CH 420-460)	ESE	05/04/2012
162	-	-	-	-	151	Reduction of CH 200 – 250 up to first goal post	ESE	10/04/2012
163	-	-	-	-	152	Close up of deeper area (filled with debris)	ESE	10/04/2012
164	-	-	-	-	153	General shot of area 2 being stoned(CH 420 – 460)	SE	11/04/2012
165	-	-	-	-	154	As above.	SE	11/04/2012
166	-	-	-	-	155	General shot of CH 200 – 250 being stoned.	SW	11/04/2012
167	-	-	-	-	156	General shot of area 2 stoned (CH 420 – 460)	NW	11/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
168	-	-	-	-	157	SW facing section (CH 420 – 440)	SW	11/04/2012
169	-	-	-	-	158	NE facing section (CH 420 – 440)	NE	11/04/2012
170	-	-	-	-	159	General reduction of CH 420 - 440	NE	11/04/2012
171	-	-	-	-	160	NW facing section between CH 180 - 200	NW	11/04/2012
172	-	-	-	-	161	SW facing section of CH 440	SW	11/04/2012
173	-	-	-	-	162	As above (further west)	SW	11/04/2012
174	-	-	-	-	163	As above (further west)	SW	11/04/2012
175	-	-	-	-	164	NE facing section CH 440	NE	11/04/2012
176	-	-	-	-	165	NE facing section CH 440	NE	11/04/2012
177	-	-	-	-	166	ESE facing section of CH 180	ESE	11/04/2012
178	-	-	-	-	167	WNW facing section of CH 200	WSW	11/04/2012
179	-	-	-	-	168	ESE facing section of CH 200 straight onto bedrock	ESE	11/04/2012
180	-	-	-	-	169	WNW facing section of CH 220	WNW	11/04/2012
181	-	-	-	-	170	General shot of CH 200 (stoned)	ESE	11/04/2012
182	-	-	-	-	171	General shot of area 4 haul road.	SSW	11/04/2012
183	-	-	-	-	172	As above.	SSW	11/04/2012
184	-	-	-	-	173	ESE facing section of CH 220	ESE	11/04/2012
185	-	-	-	-	174	ESE facing section of CH 240	ESE	11/04/2012
186	-	-	-	-	175	WNW facing section CH 240	WNW	11/04/2012
187	-	-	-	-	176	General shot of CH 480 previously stoned.	NW	11/04/2012
188	-	-	-	-	177	CH 260 WNW facing section.	WNW	12/04/2012
189	-	-	-	-	178	CH 260 ESE facing section.	ESE	12/04/2012
190	-	-	-	-	179	CH 500 SW facing section (area 3).	S	12/04/2012
191	-	-	-	-	180	CH 500 NE facing section.	NE	12/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
192	-	-	-	-	181	CH 500 General (area 3) gravelling/excavation.	NE	12/04/2012
193	-	-	-	-	182	General, area 3 haul road.	ENE	12/04/2012
194	-	-	-	-	183	CH 280 WNW facing section.	WNW	12/04/2012
195	-	-	-	-	184	CH 280 ESE facing section.	ESE	12/04/2012
196	-	-	-	-	185	As above.	ESE	12/04/2012
197	-	-	-	-	186	Feature (026) pre-ex.	ESE	12/04/2012
198	-	-	-	-	187	(026) mid-ex.	WNW	12/04/2012
199	-	-	-	-	188	As above.	NNE	12/04/2012
200	-	-	-	-	189	As above.	WNW	12/04/2012
201	-	-	-	-	190	(026) post-ex.	NNE	12/04/2012
202	-	-	-	-	191	(026) post-ex.	WNW	12/04/2012
203	-	-	-	-	192	(026) post-ex.	ESE	12/04/2012
204	-	-	-	-	193	CH 300 ESE facing section.	ESE	12/04/2012
205	-	-	-	-	194	CH 300 WNW facing section.	WNW	12/04/2012
206	-	-	-	-	195	CH 317 ESE facing section.	ESE	12/04/2012
207	-	-	-	-	196	CH 317 WNW facing section.	WNW	12/04/2012
208	-	-	-	-	197	General, area 4 haul road terminal (north end).	NNE	12/04/2012
209	-	-	-	-	198	As above.	N	12/04/2012
210	-	-	-	-	199	As above (shows (026) in foreground).	SW	12/04/2012
211	-	-	-	-	200	CH 560 NE facing section.	NE	12/04/2012
212	-	-	-	-	201	CH 560 SW facing section.	SW	12/04/2012
213	-	-	-	-	202	CH 580 NE facing section.	NE	12/04/2012
214	-	-	-	-	203	CH 600 NE facing section.	NE	13/04/2012
215	-	-	-	-	204	CH 600 SW facing section.	SW	13/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
216	-	-	-	-	205	Turning point area 4, about CH 370.	W	13/04/2012
217	-	-	-	-	206	Turning point area 4, about CH 370.	WSW	13/04/2012
218	-	-	-	-	207	Haul road area 4 and area 3 junction (boundary wall).	NE	16/04/2012
219	-	-	-	-	208	As above, close up.	NE	16/04/2012
220	-	-	-	-	209	As above, looking towards area 2.	NW	16/04/2012
221	-	-	-	-	210	General, stripping of haul road (area 3) between CH 600 – 620.	ENE	16/04/2012
222	-	-	-	-	211	SW facing section of haul road at CH 620.	SW	16/04/2012
223	-	-	-	-	212	NE facing section of haul road at CH 620.	NE	16/04/2012
224	-	-	-	-	213	General shot of haul road (area 3).	ENE	16/04/2012
225	-	-	-	-	214	As above.	ENE	16/04/2012
226	-	-	-	-	215	Compound strip with bulldozer (SE facing section).	SE	16/04/2012
227	-	-	-	-	216	NW facing section of stripped compound area.	NW	16/04/2012
228	-	-	-	-	217	Shows proximity of compound area to haul road.	SSE	16/04/2012
229	-	-	-	-	218	As above.	ESE	16/04/2012
230	-	-	-	-	219	Shows junction between haul road and compound area.	ESE	16/04/2012
231	-	-	-	-	220	As above (between CH 640 – 660).	NE	16/04/2012
232	-	-	-	-	221	Shows stripped compound area.	E	16/04/2012
233	-	-	-	-	222	CH 660 NW facing section.	NW	16/04/2012
234	-	-	-	-	223	CH 680 NW facing section.	SE	16/04/2012
235	-	-	-	-	224	CH 680 NW facing section.	NW	16/04/2012
236	-	-	-	-	225	CH 700 SE facing section.	SE	16/04/2012
237	-	-	-	-	226	CH 700 NW facing section (modern fill).	NW	16/04/2012
238	-	-	-	-	227	CH 700 (approx) haul road general.	NE	16/04/2012
239	-	-	-	-	228	Just before CH 720, area of disturbance.	NE	16/04/2012



Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
240	-	-	-	-	229	CH 720, area of disturbance and landfill pipe.	ENE	16/04/2012
241	-	-	-	-	230	Taken from CH 740 towards landfill/subsoil change.	SW	16/04/2012
242	-	-	-	-	231	CH 740 – disturbed ground (landfill).	NE	16/04/2012
243	-	-	-	-	232	As above, close up to show bin bags.	NE	16/04/2012
244	-	-	-	-	233	CH 740 – 760.	NE	17/04/2012
245	-	-	-	-	234	As above.	NE	17/04/2012
246	-	-	-	-	001	E facing section area between compound and haul road.	E	18/04/2012
247	-	-	-	-	002	General shot of above.	ESE	18/04/2012
248	-	-	-	-	003	Pre-ex shot of CH 900 (otter fencing to left)	NNW	18/04/2012
249	-	-	-	-	004	Pre-ex shot of CH 900 (otter fencing to left)	NNW	18/04/2012
250	-	-	-	-	005	Pre-ex shot of CH 900	SW	18/04/2012
251	-	-	-	-	006	General haul road, area 5 CH 920	NNE	18/04/2012
252	-	-	-	-	007	As above showing shallow bedrock.	NE	18/04/2012
253	-	-	-	-	008	General subsoil between CH 920 – 940.	NNE	18/04/2012
254	-	-	-	-	009	As above, close up.	NNW	18/04/2012
255	-	-	-	-	010	CH 940 NW facing section.	NW	18/04/2012
256	-	-	-	-	011	CH 920 – 960 haul road.	SW	18/04/2012
257	-	-	-	-	012	CH 980 feature (033) visible in section.	NW	18/04/2012
258	-	-	-	-	013	NW facing section of CH 980.	NW	18/04/2012
259	-	-	-	-	014	As above.	WNW	18/04/2012
260	-	-	-	-	015	General, haul road CH 980.	SW	18/04/2012
261	-	-	-	-	016	Shows strip excavated through hill, area 2.	SE	18/04/2012
262	-	-	-	-	017	As above (area to front is backfill).	NNW	18/04/2012
263	-	-	-	-	018	As above.	NNW	18/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
264	-	-	-	-	019	SW facing section of above area.	SW	18/04/2012
265	-	-	-	-	020	General, haul road CH 1020.	SW	18/04/2012
266	-	-	-	-	021	NE facing section of CH 1020.	NE	18/04/2012
267	-	-	-	-	022	SW facing section of CH 1020.	SW	18/04/2012
268	-	-	-	-	023	General shot of haul road at CH 1020 (and ditch)	N	18/04/2012
269	-	-	-	-	024	General shot of haul road at CH 1060	SW	18/04/2012
270	-	-	-	-	025	Shows area 5 (CH 1180) haul road marshy area (T1 general area).	NW	19/04/2012
271	-	-	-	-	026	As above, close up.	NW	19/04/2012
272	-	-	-	-	027	Area 5 from CH 1100 haul road.	NE	19/04/2012
273	-	-	-	-	028	CH 1060 (area 5) NE facing section.	NE	20/04/2012
274	-	-	-	-	029	CH 1060 (area 5) SW facing section.	SW	20/04/2012
275	-	-	-	-	030	General haul road (area 5) from CH 1060 (shows ditch at CH 1080)	NE	20/04/2012
276	-	-	-	-	031	General haul road (area 5) from CH 1080 – 1100.	ENE	20/04/2012
277	-	-	-	-	032	As above.	ENE	20/04/2012
278	-	-	-	-	033	Haul road (area 5) NE facing section at CH 1100.	NE	20/04/2012
279	-	-	-	-	034	As above, close up.	NE	20/04/2012
280	-	-	-	-	035	As above, close up, SW facing section at CH 1100.	SW	20/04/2012
281	-	-	-	-	036	Haul road (area 5) SW facing section at CH 1100 (close up).	NW	20/04/2012
282	-	-	-	-	037	General haul road CH 1100 – 1120.	NE	20/04/2012
283	-	-	-	-	038	As above, showing height of bedrock (013).	ENE	20/04/2012
284	-	-	-	-	039	NE facing section at CH 1140.	ENE	20/04/2012
285	-	-	-	-	040	SW facing section at CH 1140.	SW	20/04/2012
286	-	-	-	-	041	As above.	SW	20/04/2012

*Samples Record*

Sample No.	Context	Sample Type	Description / Quantity	Excavator	Date
001	020	Bulk	1 x Medium bag from linear feature.	DG	04/04/2012
002	012	Control	1 x Medium bag of topsoil.	DG	04/04/2012
003	009	Control	1 x Medium bag of subsoil.	DG	04/04/2012
004	021	Bulk	1 x Medium bag of burnt material deposit (021).	DG	04/04/2012
005	022	Bulk	1 x Medium bag of burnt material deposit (022).	DG	04/04/2012
006	023	Bulk	1 x Medium bag burnt layer.	DG	11/04/2012
007	026	Bulk	3 x Medium bag of stone throw (026).	DG	12/04/2012
008	019	Control	1 x Medium bag of subsoil (019).	DG	18/04/2012
009	031	Control	1 x Medium bag of topsoil (031).	DG	18/04/2012
010	030	Control	1 x Medium bag of subsoil (030).	DG	18/04/2012
011	032	Control	1 x Medium bag of subsoil (032)	DG	18/04/2012

*Finds Record*

Find No.	Area/ Trench	Context No.	Material Type	Description	Excavator	Date
001	4	016	Plastic	1 x piece of plastic.	DiG	29/03/12
002	4	016	Bone	2 x animal (?) bone fragments.	DiG	29/03/12
003	4	012	Burnt Bone	Burnt bone fragments found in topsoil.	DiG	05/04/12
004	4	022	Burnt Bone	Burnt bone fragments found in (022)	DiG	05/04/12
005	5	034	Glass	1 x glass shard.	DiG	18/04/12
006	5	034	Ceramic	1 x unglazed red fabric ceramic fragment.	DiG	18/04/12
007	5	033	Stone ware.	1 x tile fragment.	DiG	18/04/12

## Appendix 2: Discovery & Excavation in Scotland

<b>LOCAL AUTHORITY:</b>	East Renfrewshire
<b>PROJECT TITLE/SITE NAME:</b>	Neilston Community Wind Farm
<b>PROJECT CODE:</b>	RA11046
<b>PARISH:</b>	Neilston
<b>NAME OF CONTRIBUTOR:</b>	Diane Gorman
<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>	None
<b>NGR</b> (2 letters, 8 or 10 figures)	NS 45528 54089
<b>START DATE</b> (this season)	26 <sup>th</sup> March 2012
<b>END DATE</b> (this season)	20 <sup>th</sup> April 2012
<b>PREVIOUS WORK</b> (incl. <i>DES</i> ref.)	None
<b>MAIN (NARRATIVE) DESCRIPTION:</b> (may include information from other fields)	<p>Archaeological monitoring works were undertaken in respect to the development of a new wind farm at Neilston, East Renfrewshire. The archaeological works were designed to mitigate the impact on the archaeological remains within their development area.</p> <p>The monitoring failed to identify any significant archaeological features during the excavation of soft sediment works. The area has been heavily disturbed by activities relating to use of the area as Drumgrain Landfill Site during the mid to late 20<sup>th</sup> century. In addition, the shallow nature of the exposed geology indicates that the footprint of the new wind farm covers mostly archaeologically sterile land.</p>
<b>PROPOSED FUTURE WORK:</b>	None
<b>CAPTION(S) FOR ILLUSTRS:</b>	None
<b>SPONSOR OR FUNDING BODY:</b>	Neilston Community Wind Farm LLP
<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</b> (intended/deposited)	Report to West Of Scotland Archaeology Service and archive to RCAHMS Collections.

## Contact Details

62. Rathmell Archaeology can be contacted at our Registered Office or through the web:

Rathmell Archaeology Ltd	<a href="http://www.rathmell-arch.co.uk">www.rathmell-arch.co.uk</a>
Unit 8 Ashgrove Workshops	
Kilwinning	t.: 01294 542848
Ayrshire	f.: 01294 542849
KA13 6PU	e.: <a href="mailto:contact@rathmell-arch.co.uk">contact@rathmell-arch.co.uk</a>

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

West of Scotland Archaeology Service	<a href="http://www.wosas.org.uk">www.wosas.org.uk</a>
Charing Cross Complex	
20 India Street	t.: 0141 287 8332/3
Glasgow	f.: 0141 287 9259
G2 4PF	e.: <a href="mailto:enquiries@wosas.glasgow.gov.uk">enquiries@wosas.glasgow.gov.uk</a>

End of Document