

**GlaxoSmithKline Wind Turbines, Irvine,
North Ayrshire – Turbine 3:
Archaeological Mitigation**

Data Structure Report



by Claire Williamson
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on behalf of GlaxoSmithKline

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Introduction

1. This Data Structure Report has been prepared in respect to the construction of wind turbines at GlaxoSmithKline, Irvine, North Ayrshire (Planning ref: 09/00878/PP). This report covers the work carried out at Turbine 3 and its respective haul road. The archaeological works were designed to mitigate the impact on the archaeological remains within their development area to the agreement of the West of Scotland Archaeology Service. Rathmell Archaeology Limited was appointed by GlaxoSmithKline to undertake the development and implementation of archaeological mitigation works.
2. The West of Scotland Archaeology Service who advises North Ayrshire Council on archaeological matters had requested archaeological monitoring (through a targeted condition) to manage the potential impact on archaeological remains. They provided guidance on the structure of archaeological works required on this site during development works. A Method Statement (Rees 2012) provided the detail of the works (monitoring, exclusion, excavation, post-excavation analyses and publication) for the mitigation pertaining to ground breaking and hence the direct physical impact on buried sediments.
3. This Data Structure Report provides an overview of all archaeological works undertaken at Turbine 3 to date in response to this development work. According to the terms of the Method Statement all ground breaking works were monitored; 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.

Archaeological and Historical Background

4. The development area sat within agricultural fields surrounding the current GlaxoSmithKline factory to the southeast of Irvine, near to Shewalton in Ayrshire. The only known archaeological site which had the potential to encroach upon the development area was the site of Shewalton Colliery (Canmore ID: 130770; WoSAS Site ID: 22071) which was recorded as having been in operation during the first half of the 20th century. The full extent of the colliery is not known. Shewalton Colliery is marked on the 3rd Edition Ordnance Survey of 1910 which shows a shaft and two rectangular buildings at the northern end of the area where the current GlaxoSmithKline factory sits (Figure 1b). The colliery is not marked on the earlier Ordnance Surveys of 1860 or 1897.
5. The 1st, 2nd and 3rd Edition Ordnance Survey mapping, covering the period between 1860 and 1910, also shows the presence of a farmstead called 'Byerstonhill' which sits at the western end of the current factory. This farmstead is also indicated on Roy's Military Survey of 1752-55 as 'Byrestanehill' surrounded by rig and furrow (Figure 1a). This farmstead appears to have been lost when the current GlaxoSmithKline factory was built in the later 20th century.
6. No known archaeological sites of earlier antiquity are known to have existed within the development area. Within the surrounding area, find spots of lithics of potentially Mesolithic date have been marked to the north, near to the River Irvine, (Canmore ID: 41876 and 41938; WoSAS Site ID: 6447 and 6509) and to the west (Canmore ID: 41920, WoSAS Site ID: 6491). A report by Boyd (1982) concerning the Late Quaternary history of the area of Ayrshire in the valley of the River Irvine, has suggested that the shoreline during this period was some 1 to 1.5km further seawards than the location which was previously supposed. In terms of archaeology, this meant that finds of Mesolithic date from the area around Shewalton, which had previously been puzzling in their location on the seaward side of the shoreline, now conformed to the model produced for Mesolithic sites elsewhere. It also meant that a wider range of suitable habitats would have been available during this period than had been previously envisaged, which may have encouraged Mesolithic activity in the area.
7. Potentially later prehistoric settlement can be found further to the east near to Drybridge in the form of a circular enclosure (Canmore ID: 41883, WoSAS Site ID: 6454). This sits

close to possible Henge (Canmore ID: 157510; WoSAS Site ID: 41612) and Cursus (Canmore ID: 85830; WoSAS Site ID: 15095) monuments, and may represent an Iron Age settlement within an area which saw several phases of prehistoric activity.

Project Works

8. The programme of works involved the archaeological monitoring of all ground breaking works as described in the Method Statement (Rees 2012) and agreed with the West of Scotland Archaeology Service. These works will eventually aim to cover the installation of several wind turbines across the site. At this stage, however, only the groundbreaking works within the area surrounding Turbine 3 have been carried out and this is the only area covered by this report (Figure 3). Further reports will be issued after the remaining works have been completed. The groundbreaking relating to each of the turbines will be carried out at different phases in discrete areas of land, resulting in the works being broken down into their respective turbine area for the purposes of discussing the archaeological works.
9. The groundbreaking works for the wind turbine included the stripping of a large rectangular area for both the base of the turbine and an adjacent crane pad to support the machinery required to construct it. It also required the stripping of a haul road allowing the turbine itself to be brought onto the site. While the haul road only required to be stripped down to the upper surface of the underlying natural subsoil, the area for the turbine base and crane pad needed to be dug to a greater depth. Typically the initial groundbreaking works were carried out using a 360° mechanical excavator.
10. Throughout these works, each turbine area (including the adjacent crane pad) will be assigned a number (e.g. Turbine 1, Turbine 2 etc). For our records we will also assign each section of haul road leading up to a turbine with the corresponding number (e.g. Haul Road 1 is the section of haul road leading up to Turbine 1). The context numbers given out across the site will reflect the area that they relate to. Context numbers (001) onwards will be used for features on the haul road, continuous across all sections, while context numbers within the turbine areas will start with a prefix which matches the turbine number (e.g. Turbine 1 – (1001) onwards, Turbine 2 – (2001) onwards). The rest of the records will run continuous across all areas.
11. Archaeological monitoring work at Turbine 3 was carried out from 26th March to 3rd April 2012. During the monitoring works, significant archaeological features were exposed which warranted further works on site. Excavation works were only required within the area of Turbine 3, not the haul road, and were carried out over three phases: 10th April until 13th April 2012, 24th April until 27th April 2012 and 12th June until 15th June 2012.
12. The initial phase focussed on the sample excavation of the exposed features. Based on the findings during this initial phase, the West of Scotland Archaeology Service, who visited the site during this time, requested that the significant archaeological features within the eastern end of the turbine area be fully excavated and this was carried out during the second phase of excavation. Specifically this was aimed at the features lying within the area of the turbine base itself. This needed to be further reduced for the purposes of constructing the turbine, meaning that the preferred option of preserving the features *in situ* could not be pursued. While some features extended into the western end, i.e. the area stripped for the crane pad, at this point there was no plan to further reduce the latter and as such these features were to be preserved.
13. At a later date, this plan changed and the crane pad area was also to be reduced to a greater depth. As a result, a third phase of excavation works was required to fully excavate the remaining features located within this area. The only features which did not get fully excavated were linear features [3007], [3008], [3013], [3036], [3107], [3137] and [3017] as well as those features which were seen to obviously contain modern 20th century material and appeared to relate to the colliery works in the area. The linear features were sample excavated. The most interesting of these, [3017], had 5 slots placed across it at various locations and some 37% of its exposed length was excavated.



Figure 1a: Extract from Roy's Military Survey of Scotland (1752-55)

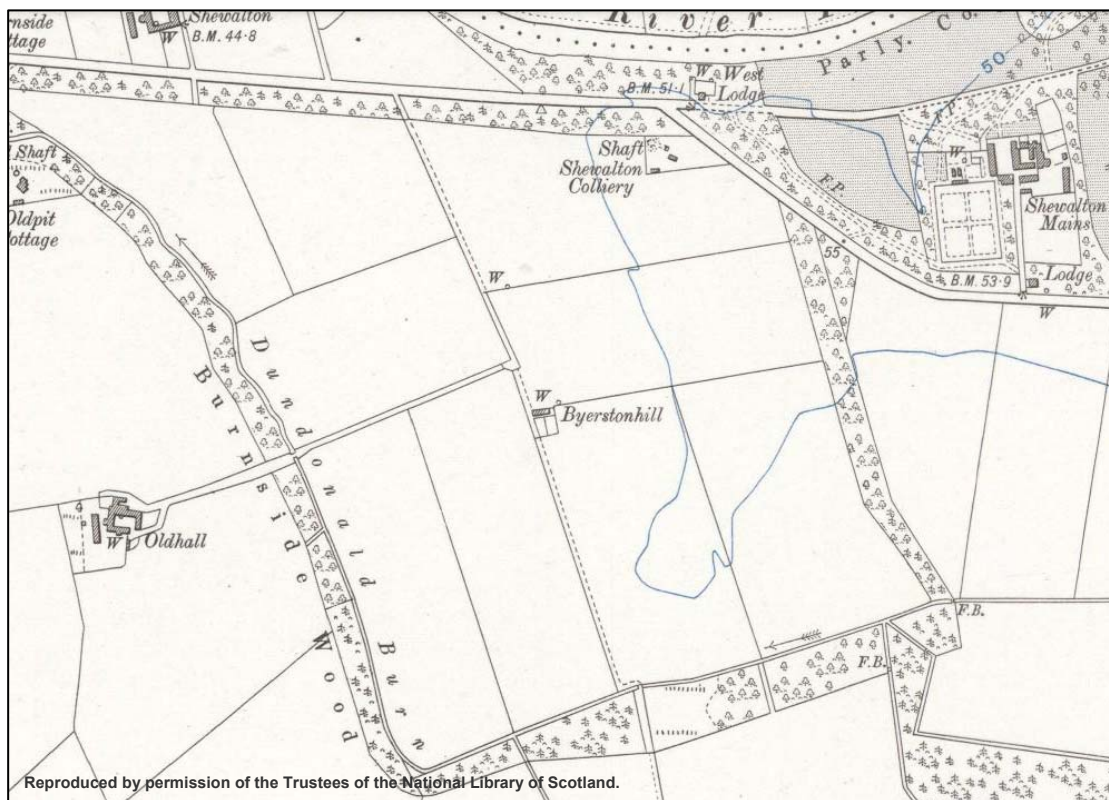


Figure 1b: Extract from 3rd Edition Ordnance Survey (1910)

Findings: Haul Road 3

14. For our records throughout the duration of the works, the haul road will be divided into four sections (numbered 1 to 4 – see Project Works above). Haul Road 3 is the only section which will be discussed within this report. The remaining sections will be discussed within later reports once they are completed. The haul road was stripped down to the upper surface of the underlying natural subsoil which within this area varied between 350 to 700mm in depth from the current ground surface (Figure 2a). The haul road was stripped to a width of 7m and covered a distance of 100m before it joined with the location for Turbine 3.
15. Depths provided below were measured from the top of the current ground surface, unless otherwise stated. The area for Haul Road 3 was covered by a layer of turf overlying topsoil (001). (001) comprised of moderately compacted dark brown silty sand with occasional rounded stones measuring 350 to 500mm deep. The topsoil contained frequent modern white glazed ceramic pottery fragments, modern brick (Find no. 6), modern metal fragments (Find no. 8 and 11) and a piece of slag (Find no. 9).
16. At the western end of Haul Road 3, topsoil (001) overlay buried topsoil deposit (006). This comprised of moderately compacted dark grey silt with inclusions of charcoal, shell (Find no. 13) and small sandstone and slate fragments. It covered an area 20m long (E-W) by 1m wide, measured 200 to 220mm in thickness, and ran along the southern edge of the stripped area starting approximately 8m in from the western end. (006) also contained two fragments of prehistoric pottery (Find no. 14).
17. Underlying (006), lay deposit (010), a very compact mid grey silt with occasional small stones. It covered the same area as buried topsoil (006) and measured 100 to 150mm in thickness. (010) appeared to be a naturally formed hillwash deposit. This overlay possible shallow pit [008] which ran into the southern section of the stripped area. The visible extent of the feature measured 1.8m long by 0.3m wide and 100mm deep. It had shallow sloping sides with a flat base and was filled by (009). This comprised of a very compact black silt and charcoal deposit with occasional small sandstone fragments.
18. Deposits (006) and (010) had both been cut along their northern side by modern gravel track (004) which measured approximately 4 to 5m wide and ran WSW to ENE across the entire length of Haul Road 3 and into the stripped area of Turbine 3 (see (3006)). It comprised of a very compact black and blue gravel and bitumen deposit with frequent fragments of modern glass, industrial slag and glazed white earthenware ceramic. It measured 150 to 250mm in thickness.
19. Underlying all of these deposits, and directly underlying topsoil (001) across the majority of the haul road, lay natural subsoil (002). This comprised very compact light brown sand with silty patches. There were only two areas of Haul Road 3 where (002) was not the main underlying deposit.
20. The first was within the area for the turning circle at the eastern end. In this area, natural subsoil (005) was exposed below topsoil (001). This comprised of a very compact light blue igneous bedrock (Figure 2b) and covered an area measuring approximately 13m (NW-SE) by 14m. It is possible that this represents the site of some form of volcanic intrusion.
21. The second area lay at the eastern end of Haul Road 3. Underlying topsoil (001) in this area was deposit (003), a very compact black/blue grey mixture of ash and cinders with fragments of sandstone, brick, concrete and slate with fragments of modern ceramic, metal (including nails and wire), plastic and glass (Find no. 12). Its full extent was unknown as it extended beyond the stripped area, but it covered an area measuring 20m (E-W) by 7m, and measured up to 700mm in thickness. This appeared to represent a large area of demolition possibly relating to the colliery works which is known to have taken place within the surrounding area.



Figure 2a: Groundbreaking works for Haul Road 3 from the east



Figure 2b: Shot of volcanic intrusion (005) from the west

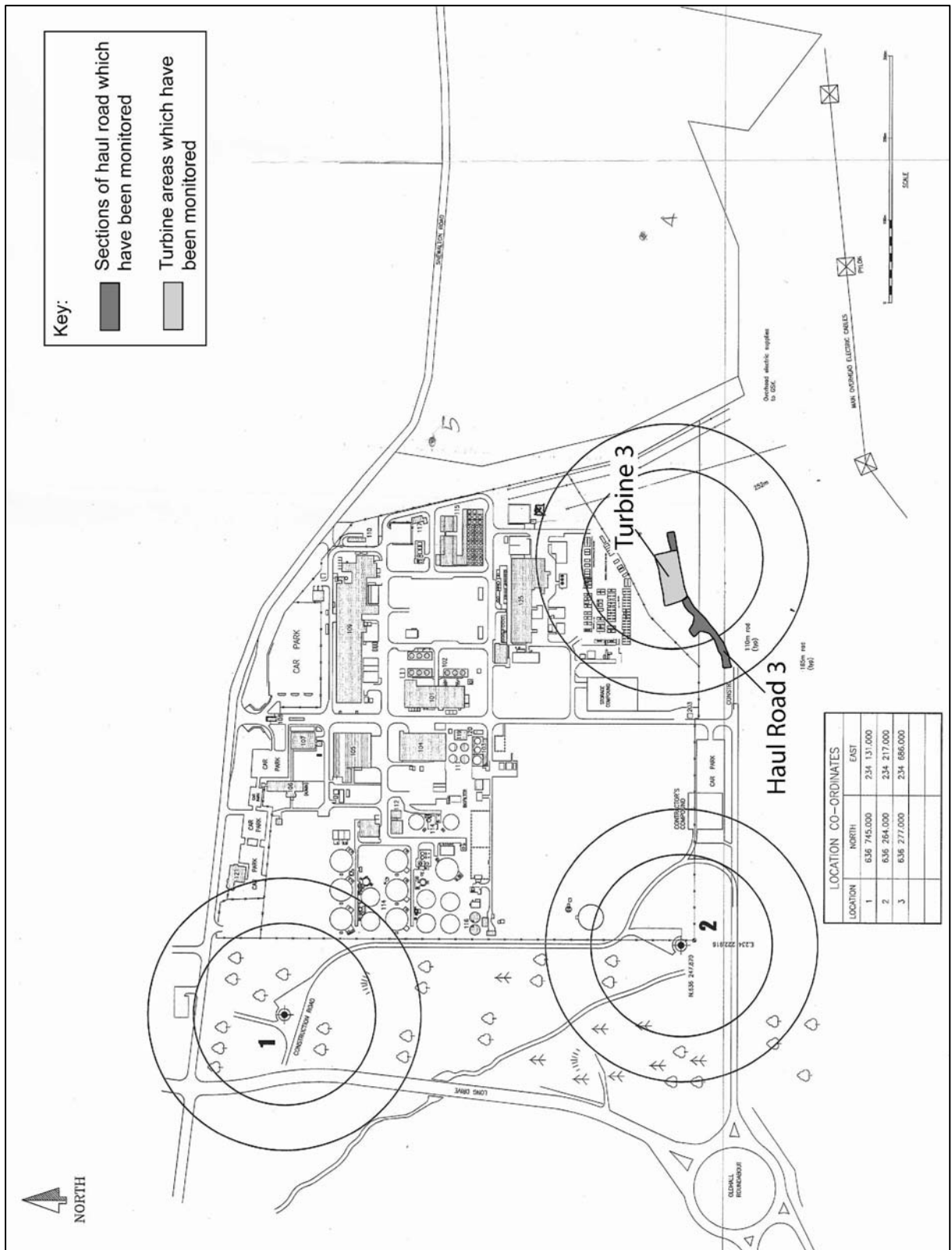


Figure 3: Plan showing monitored areas and proposed locations of Turbines 1 and 2

Findings: Turbine 3

22. As already stated above, the groundbreaking works for Turbine 3 included the stripping of a large rectangular area which encompassed the area required for the turbine base as well as an adjacent crane pad (Figures 4a and 4b). This area measured approximately 63m WSW-ENE by 27m NNW-SSE. It was initially stripped down to the upper surface of the underlying subsoil which lay at a depth of approximately 350 to 500mm below the current ground surface.
23. Depths provided below were measured from the top of the current ground surface, unless otherwise stated. The area for Turbine 3 was covered by a layer of turf overlying topsoil (3001). Very similar to topsoil (001) which covered the haul road, (3001) comprised moderately compacted dark brown silty sand with occasional rounded stones, measuring 350 to 500mm deep. The topsoil contained modern glazed white earthenware ceramic fragments (Find no. 4), fragments of handmade brick/tile (Find no. 1) and pieces of metal slag (Find no. 3). Flint was also found within the topsoil (3001) in the form of a burnt fragment and a worked flake (Find no. 2) as well as a microlith (Find no. 20).
24. Underlying topsoil (3001) across the majority of the area for Turbine 3 sat natural subsoil deposits (3003), (3004) and (3005). (3003) and (3005) comprised moderately compact yellow and orange sandy gravel which covered most of the turbine area. (3004) comprised moderately compact grey and dark yellow sandy clay with infrequent stone inclusions and fragments of degraded stone. It covered a smaller area in the southeast corner of the turbine area running into the haul road which leads out to the east.
25. Evidence of bioturbation was present across the site in the form of animal burrows and root action. A natural feature was also located in the southeast corner of the turbine area, to the west of (3004), in the form of deposit (3015). This comprised a moderately compacted mid greyish brown silt with frequent small stone inclusions and possibly represents an old water channel.
26. Cut into the upper surface of the natural subsoil were several archaeological features spread across the site (see Figure 6). These were mainly concentrated at the eastern end and predominantly comprised the curvilinear cut of a ring-groove structure surrounded by various pits and postholes. This structure was not fully exposed: located along the northern edge of the excavated area, it appeared that its northern end continued outwith the limits. However the majority of the feature did lie within the turbine area.

Ring-groove structure

27. The cut for the structure appeared to have been heavily truncated and as such, only survived in three curvilinear sections [3011], [3048] and [3087] with gaps in the northwest and southeast corners and with most of the southern side missing (Figures 5a and 5b). The longest surviving section was [3011] which comprised the northeastern edge and measured approximately 7.5m in length before running outwith the northern edge of the excavated area. It measured between 0.3m and 0.44m wide and between 60 and 170mm deep. Section [3087] sat to the south of this after a break of approximately 2.3m. [3087] was the shortest surviving section located along the southeastern edge of the feature. It measured 2.1m in length, 0.18m wide and 80mm in depth. The final section [3048] comprised the only remaining portion of the western edge of the feature and measured 5.7m in length, up to 0.45m wide (although was only 0.1 to 0.15m wide at its southern end) and had a maximum depth of 110mm.
28. [3011], [3048] and [3087] all exposed the profile of the curvilinear cut to be a shallow U-shape with gently sloping sides and a rounded base. They were filled by deposits (3054), (3060) and (3088) respectively. These were all of a similar nature comprising loose to moderately compacted mid brown silty sand with moderate small stone inclusions and very occasional fine rootlets. The only artefact which came out of the sections was a small fragment of glazed white earthenware ceramic (Find no. 15) out of [3011]. This had blue and white transfer printed decoration on it which dates it as likely mid 19th century onwards. As such this will not be an original inclusion but is likely to

have been brought into the deposit at a later stage, possibly by some form of bioturbation.

29. The area encompassed by the ring-groove cut had an internal diameter of approximately 10.4m. Unfortunately no entrance was visible within the surviving sections and it is possible that one may have been present within either the missing southern or northwestern edges.

Internal significant features

30. 19 circular features and one spread deposit appeared to lie within the internal area of the ring-groove structure. Apart from one feature at the centre, the features mainly seem to be present around the outer edges of the internal space.
31. Nine of the circular features were of a similar size: [3028], [3030], [3031], [3034], [3035], [3039], [3043], [3045], and [3063]. They ranged in diameter from 0.23 to 0.5m and in depth from 100 to 330mm. The majority of these features had steeply sloping sides with a rounded base. Only [3030] and [3045], which were both located at the northern end of the interior, did not match this description and were described as having gently sloping sides with irregular rounded bases.
32. Each of these circular features had a single fill: (3076), (3062), (3059), (3056), (3071), (3089), (3075), (3070) and (3064) respectively. (3076), (3071), (3075) and (3070) all comprised a loose orange brown silty sand with varying small stone inclusions. (3089) also comprised of a silty sand but was mid brown in colour with frequent stone inclusions. (3056), (3059), (3064) and (3062) all comprised of loosely compacted silt varying only slightly in colour from mid grey brown to dark blackish brown with varying small stone inclusions. These four fills as well as (3075) and (3089) also contained charcoal flecks throughout.
33. Three of the circular features within the interior were slightly larger in size and more oval in shape: [3023], [3032] and [3044]. [3044] was located at the western end, near to one of the smaller features [3043], and measured 0.86m by 0.76m and 270mm deep. It had gently sloping sides which became steeper nearer to the base and a flat base with rounded breaks of slope. It was filled by a single fill of (3072) which comprised of moderately compacted mid brown and orange brown silty sand with frequent small stone inclusions.
34. [3023] was located in the southwestern corner and measured 1.4m by 0.9m. It was quite shallow measuring only 120mm deep with gently sloping sides and a flat base. It also had a single fill of (3014) which comprised of a moderately compacted dark grey, black and orange silty sand with inclusions of charcoal, fragments of burnt bone and small fragments of fire cracked stone indicating that it may have been the remains of a possible fire pit. It appeared to have been heavily disturbed by root and animal action. One substantial sherd of white glazed earthenware ceramic (Find no. 16) was recovered from the deposit suggesting that it may be a more modern feature resulting from later activity in the area.
35. [3032] was located at the centre of the structure and measured 0.8m by 0.92m and 360mm deep. The feature had steeply sloping sides with a flat, slightly irregular, base and contained a single fill (3058). This consisted of a loose mid greyish brown silt with occasional stones, as well as inclusions of degraded stone and occasional thin bands of charcoal (Figure 7a). The fill appeared to spill out over the top of the feature to the east for a further 0.78m. A piece of flint (Find no. 33) was recovered from the fill within the extent of the cut.
36. The remaining circular features were grouped together in three sets of intercutting features. Two of these sets lay in the southwest corner of the structure near to larger feature [3023] and one of the smaller circular features [3039]. The first of these was formed by [3038] and [3066], with [3038] on the southeast side and [3066] intercutting it to the northwest. Both features measured 0.4m in diameter, but differed in depth. [3038] was the deeper of the two measuring 380mm deep while [3066] was more shallow, measuring only 120mm deep. Both features shared the same single fill (3065),



Figure 4a: General shot of Turbine 3 area from the east



Figure 4b: General shot of Turbine 3 area from the northwest



Figure 5a: Ring-groove structure from the northeast fully excavated



Figure 5b: Ring-groove structure from the northwest fully excavated

a moderately compacted dark grey brown silty sand with charcoal flecks and small stone inclusions, meaning that an intervening cut was not visible.

37. The second set in the southwest corner was formed by [3037], [3078] and [3083]. These sat in a row running roughly south to north respectively (Figure 7b). The largest of these was [3037] which measured approximately 0.64m in diameter and 350mm deep with vertical sides and a flat base. It was filled by (3069). On the northern side of this sat [3078] which was smaller in size measuring 0.25m in diameter and 230mm deep. On the northern side of [3078] sat [3083], which measured 0.24m in diameter and 150mm deep. Both [3078] and [3083] had vertical sides and a flat base and shared a single fill (3077). All three cuts had a similar fill which again made it difficult to see any intervening cuts. Both (3069) and (3077) consisted of a moderately compacted dark grey brown silty sand with small stones and charcoal inclusions. Fragments of prehistoric pottery were recovered from both fills, two from (3069) (Find no. 18) and one from (3077) (Find no. 19).
38. The third set of intercutting circular features lay at the eastern side of the interior, near to the southern end of [3011] within the gap in the ring-groove cut on this side. It was formed by [3026] and [3029]. The larger of these features was [3026] which sat at the eastern side, measuring 0.6m by 0.72m and 220mm deep with gradual sloping sides and a flat base. It was filled by a single fill of (3061) which consisted of a moderately compacted mixed mid orange brown sand and mid to dark brown silty sand with occasional fine rootlets and occasional small stones. [3029] is a smaller feature which appears to cut [3026] on its western side. It measures 0.35m by 0.4m and 100mm deep with gradually sloping sides and a fairly flat base. [3029] contains one fill of (3068) which is a moderately compact mid to dark brown very silty sand with occasional rootlets and occasional small stones. (3061), the fill of [3026], contained fragments of animal bone (Find no. 23) and two fragments of brown glazed red earthenware ceramic pottery (Find no. 40). The modern ceramic may suggest that both [3026] and [3029] are later in date than the surrounding features and that they may represent more modern activity within the area. The fragments of pottery appear too large to have entered the feature through bioturbation.
39. The final feature recorded within the area encompassed by the ring-groove structure was spread deposit (3027). This was located in the northeastern quarter of the interior close to one of the small circular features [3063]. It consisted of a loose mid brown silt with rare inclusions of small stones and charcoal flecks. It covered an oval shaped area measuring 1.2m NW-SE and 0.7m SW-NE and was only 60mm deep.

External significant features in close vicinity to the ring-groove structure

40. In total 21 potentially significant archaeological features were recorded within close vicinity of the ring-groove structure at the eastern end of the turbine area. These can be grouped into three areas: the features located to the west of the structure, the features located to the south of the structure and those located to the east of the structure.
41. 11 features sat within the area located close to the west of the ring-groove structure. They formed a cluster which spread across an area measuring approximately 9m N-S by 5.5m E-W in extent. Two of these features, [3046] and [3103], sat quite close to the western cut of the structure itself [3048].
42. Nine of these features were circular in shape: [3046], [3073], [3074], [3103], [3105], [3108], [3114], [3116], and [3118]. They ranged in size from 0.2 to 0.5m in diameter and between 140 to 370mm in depth. The majority of these features could be described as having steeply sloping sides with a rounded base, although [3103], [3105], [3108], and [3118] were all described as having gently sloping sides.
43. Two of the features in this area were more oval in shape: [3020] and [3127]. [3020] measured 0.8m by 0.46m and 170mm deep, while [3127] measured 0.7m by 0.35m and 120mm deep. Both had gently sloping sides. [3127] was less convincing as an archaeological feature and may have just been a natural feature, possibly an animal burrow.

44. Most of these features had a single fill which was of a similar composition. It consisted of a mid to dark brown silty sand sometimes with occasional small stones and fine rootlets: (3080), (3079), (3106), (3115), (3117), (3119), (3104), (3022) and (3128). (3080) and (3022) which filled [3046] and [3020] respectively, also contained occasional charcoal flecks.
45. The only exceptions within this group of features, were [3074], [3105] and [3108], which each contained two fills. While the upper fills, (3081), (3106) and (3109) respectively, were very similar to the rest – namely, a dark brown sandy silt with occasional small stones and fine rootlets, some of which also contained charcoal flecks - the lower fills, (3082), (3139) and (3140) respectively, consisted of a mid orange brown sand with varying small stone inclusions. These lower fills appear likely to be redeposited natural subsoil.
46. Seven features lay in a cluster just to the south of the structure spread across an area approximately 5.5m E-W by 5m N-S. Five of these features were circular in shape: [3084], [3096], [3098], [3100] and [3102]. They mainly ranged in size from 0.28 to 0.6m in diameter and between 100 to 260mm in depth, although one, [3102], was slightly larger, measuring 0.8m in diameter and 280mm deep. [3084], [3096] and [3102] all had steeply sloping sides, while the sides were more gently sloping on [3098] and [3100]. Three of the features, [3096], [3098] and [3100], lay under the line of modern gravel trackway (3006) (see below for further details) which crossed the site running WSW-ENE, and were likely to have been truncated by it.
47. [3096], [3098], [3100] and [3102] all had a brown silty sand fill with moderate small stone inclusions: (3097), (3099), (3101) and (3091) respectively. All of them, apart from (3097) also contained charcoal flecks. Each of these features also contained artefacts within their fill. Feature [3096] contained one small fragment of modern glass (Find no. 38) which may have been a result of disturbance from the overlying modern gravel trackway (3006). [3098] and [3100] both contained fragments of prehistoric pottery (Find nos 26, 37 and 39). Feature [3102] produced the highest concentration of prehistoric finds compared with any other feature on site. It contained a fragment of a stone saddle quern (Find no. 24; Figure 8a), 52 fragments of prehistoric pottery (Find nos 22, 25, 27, 28, 29, 30, 32 and 35), at least ten of which were intercutting pieces, and two possible worked stones (Find nos 31 and 36).
48. The last circular feature [3084] contained two fills. The upper fill (3085) was similar to the fills within the rest of the features, a dark orange brown silty sand with rare charcoal fleck inclusions. The lower fill (3086) comprised a light orange brown sand with rare small stone inclusions and was interpreted to be redeposited natural subsoil.
49. The remaining two features within the southern cluster were [3092] and [3094] which were oval in shape and intercutting each other. Feature [3092] measured 0.7m by 0.6m and 200mm deep with gently sloping sides and a rounded base. It contained one fill (3093) which consisted of mid grey brown silty sand with frequent small stone inclusions. This appeared to have been cut by feature [3094] on its southeastern side. [3094] measured 0.9m NW-SE by 0.5m SW-NE and 100mm deep with gently sloping sides and a flat base. It contained one fill (3095) which consisted of a grey brown silty sand with abundant small stones.
50. Three features lay to the east of the structure in the northeast corner of the turbine area: [3012], [3041] and [3052].
51. [3041] was a small circular feature located 1.15m to the east of the eastern edge of the ring-groove structure. Similar to many of the other features mentioned so far it measured 0.3m in diameter and 280mm deep with vertical sides and a flattish base. It contained one fill (3055), a fairly compact mid to dark brown silty sand with occasional fine rootlets, small stones and charcoal flecks.
52. Further to the northeast lay feature [3052], located approximately 8m northeast of the structure itself. This feature was only partially exposed within the excavated area and appeared to continue outwith the northeastern edge of the site. The exposed section was linear in form, orientated NE-SW and measuring 1.5m long by 0.55m wide and 130mm

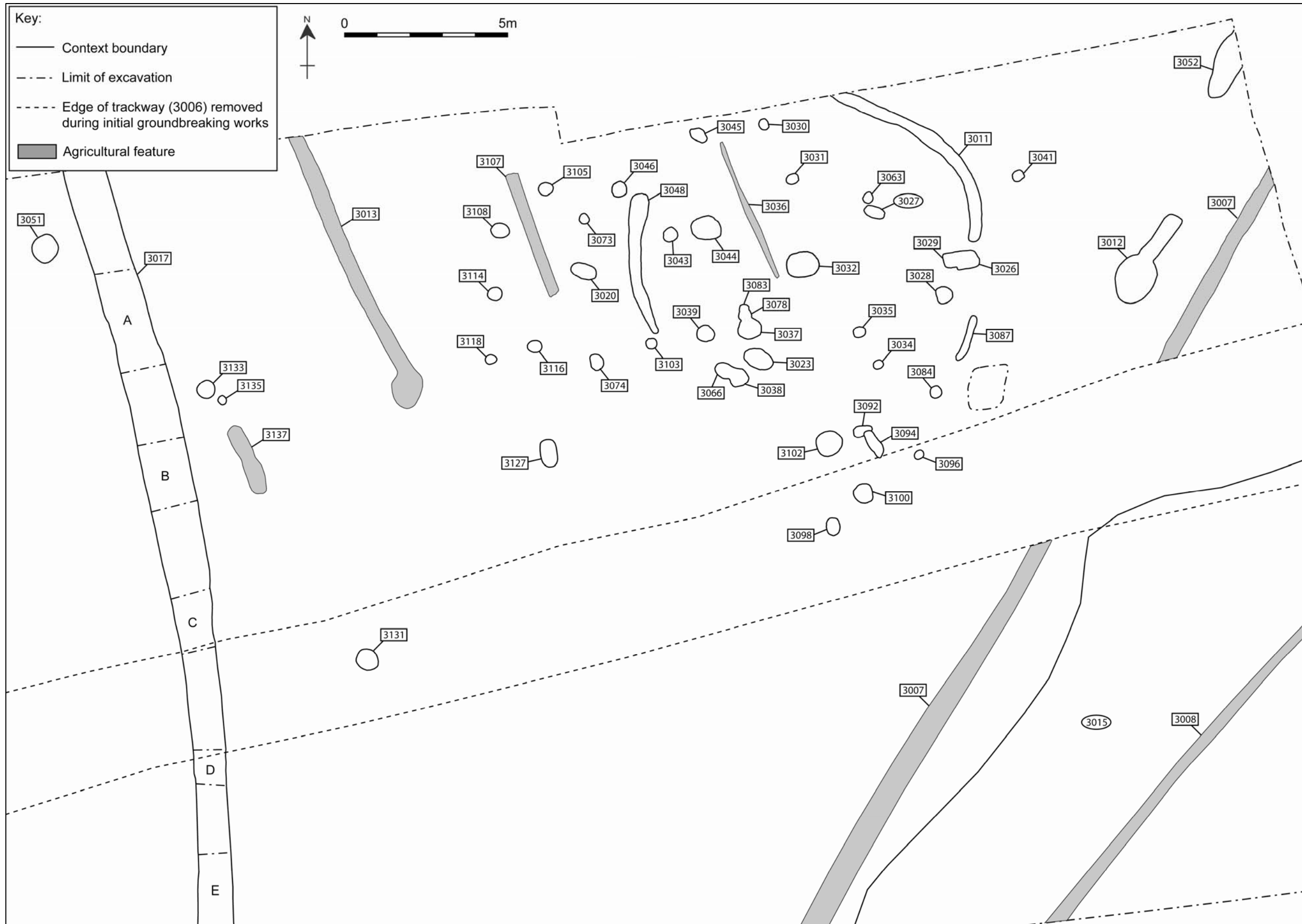


Figure 6: Plan of features within Turbine 3 area

deep. It had gently sloping sides with a flat base and contained a single fill (3025) which consisted of dark grey silt with frequent small stone inclusions. With so little of the feature exposed and no artefacts recovered from its fill, it was difficult to be certain if this was a significant feature or whether it was another agricultural feature similar to those found further to the south which shared a similar alignment (for example, [3007] and [3008] discussed below).

53. The final feature within this eastern area was [3012] which lay approximately 4m to the east of the structure. This was keyhole shaped in plan with an oval shaped section at the southwestern end and a linear shaped section coming out of it to the northeast (Figure 8b). The oval section measured 1.5m SW-NE by 1.25m NW-SE and up to 170mm deep with gently sloping sides and a rounded base. The linear section which ran SW-NE out of the northeast corner of the oval section, measured 1.65m long by 0.56m wide and up to 60mm deep with gently sloping sides and a flattish base. The entire feature contained a single fill (3053) which consisted of a mid to light brown grey with moderate charcoal inclusions throughout and frequent rounded stones. Some of these stones (3057) were concentrated at the feature's base, and may have represented the remains of a stone lining for the feature. The stones ranged in size from 0.02 to 0.15m and some had evidence of fire cracking. A fragment of possible daub material (Find no. 41) was recovered from within fill (3053).

Features to the west

54. A small number of features survived in the area further to the west of the ring-groove structure and the features described above. These consisted of a linear ditch [3017] and four circular features: [3051], [3131], [3133] and [3135].
55. The linear ditch [3017] sat approximately 14m to the west of the western edge of the ring-groove structure. It was orientated NNW-SSE with the southern end appearing to curve slightly to the west (Figure 9b). The exposed portion of the feature measured approximately 27m long although it appeared to continue outwith the excavated area on both the northern and southern sides. It measured up to a maximum of 1.42m wide and 400mm deep although was slightly smaller at the southern end, measuring a maximum of 1.1m wide and 300mm deep, where it appears to have been more truncated. The sides of the ditch were gradual with rounded breaks of slope coming onto a fairly flat base. It contained one single fill (3067) which consisted of a compacted mid to light grey brown sandy silt with occasional charcoal flecks and small stone inclusions. The ditch had been truncated by modern gravel trackway (3006) orientated WSW-ENE which crossed its upper portion just south of the centre.
56. Three of the circular features sat on either side of ditch [3017] at its northern end. [3051] sat approximately 0.6m to the west of the ditch close to the northern edge of the excavated area. It was oval in shape and measured 0.55m by 0.75m and 100mm deep. It had gently sloping sides with a shallow rounded base. It contained a single fill (3138) which comprised of a moderately compacted light brown silty sand. Approximately 3.5m to the south, features [3133] and [3135] sat approximately 1m to the east of the ditch. Both were circular in shape, [3133] measuring 0.45m by 0.37m and 180mm deep while [3135] measured 0.13m by 0.18m and 100mm deep, and both had steeply sloping sides with rounded/irregular bases. Both contained a single fill: (3134) and (3136) respectively. Both were a silty sand with occasional small stones but, while (3134) was mid brown in colour, (3136) was black.
57. The final feature in this area, [3131], sat on its own further to the south approximately 4.3m to the east of ditch [3017]. It was circular in shape and measured 0.66m by 0.77m and 230mm deep. It had gently sloping sides and a rounded base. It contained a single fill (3132) which comprised of a compact mid to dark brownish orange silty sand with frequent medium sized stones. This feature lay under the line of the modern gravel trackway (3006) which is likely to have truncated it. 30 fragments of prehistoric pottery (Find no. 42) were recovered from its fill.

Modern disturbance

58. Several features were present across the site which appeared to represent high levels of modern disturbance within the area. Some of these appeared to be the result of intensive agricultural activity while some may have related to colliery works occurring in the 20th century.
59. Four linear features - [3013], [3036], [3107] and [3137] - appeared to be furrows which crossed the site running NNW-SSE (Figure 9a). They varied in width from 0.15m to 0.5m and in length from 2.3 to 9m, and they were quite shallow (approximately 50mm deep) which suggested that they had been heavily truncated. All were filled with a mid to dark brown silty sand and were spread across the northeastern part of the turbine area at intervals ranging from 4.7 to 6m. One of these features, [3036], sat within the internal area of the ring-groove structure.
60. Two linear features, [3007] and [3008], sat within the southeastern corner of the turbine area running NE-SW. They were very straight and uniform in character, measuring 0.4m wide and between 70 to 100mm deep, and appeared to continue outwith the excavated area both to the northeast and the southwest. They sat approximately 6 to 8m apart and were filled by a moderately compact dark brown sandy silt with frequent rootlets and small stone inclusions. [3007] had been cut by modern trackway (3006) which had removed its central portion. It appears likely that these may also relate to agricultural use, perhaps channels ploughed to improve drainage in the area.
61. Four deposits within the area appeared to represent modern 20th century activities, possibly relating to nearby colliery works. Covering the western end of the turbine area lay deposit (3016). This comprised a very compact mid grey clay with frequent stones which varied in size, covering an area approximately 27m NNW-SSE by 14m WSW-ENE in extent. This was interpreted as redeposited natural subsoil resulting from mining activity within the area. Modern red brick layer [3024] sat within deposit (3016) and was removed during the initial ground stripping works to reduce the area. It ran two courses wide, six to eight bricks long and one course deep, and the bricks were stamped with the letter 'K'.
62. Spread across the southwestern extent of the turbine area, the topsoil contained frequent modern material including glass, plastic, iron nails and pottery (Find no. 5) which represented an area of higher modern disturbance (3002). Deposit (3009) also lay within the southwestern end of the turbine area, close to the southern edge and to the east of ditch [3017]. It covered an area measuring 1.6m by 1m in extent and consisted of a mixed burnt sandy deposit containing frequent coke fragments and iron nails.
63. As mentioned above, a gravel trackway (3006) ran across the central portion of the turbine area. Orientated WSW-ENE, it appeared to represent an element of the most recent activity to have occurred on site. It was removed during the initial groundbreaking works but consisted of a very compact dark grey and blue gravel which measured up to approximately 5m wide and 150 to 250mm in thickness. The exposed portion of the trackway measured approximately 63m in length but appeared to extend beyond the turbine area to the east and west. A portion of the trackway at its western end contained frequent modern material including iron, glass, plastic, brick and modern pottery (3010).

Findings: Section of haul road to the east of Turbine 3

64. A section of the haul road running to the east out of the southeastern area of Turbine 3 was also monitored during this phase of works.
65. The soil horizons were similar to those seen in Haul Road 3, with a layer of turf overlying topsoil (001) which measured 350 to 500mm in depth. Across the majority of this area (001) overlay natural subsoil deposit (011), a moderately compacted grey and dark yellow sandy clay with infrequent stone inclusions and fragments of degraded stone (similar to (3004)).
66. The only feature which lay within this exposed section of haul road was deposit (007), a moderately compacted mid greyish brown silt with frequent small stone inclusions, which



Figure 7a: S facing section of central pit [3032]



Figure 7b: Intercutting features [3037], [3078] and [3083] from the southwest



Figure 8a: Pit [3102] with fragment of stone saddle quern *in situ*



Figure 8b: SE facing section of feature [3012]



Figure 9a: Furrow [3107] from the north-north-west



Figure 9b: Ditch [3017] from the south

covered a linear shaped area running NE-SW which measured 0.7m wide by 7m long. This appeared to represent a natural feature, possibly another old water channel.

Discussion

67. A large number of significant archaeological features were revealed and recorded during the archaeological works. The majority of these features were concentrated within the area excavated for the location of the wind turbine.
68. One potential feature located at the western end of Haul Road 3, [008], was of uncertain date. Only partially exposed, without any dateable artefacts or surrounding features, this shallow feature was difficult to interpret. Its close proximity to a concentration of prehistoric pottery fragments within buried topsoil deposit (006) however, suggests it is worth noting in case further groundbreaking works in this area have the potential to reveal further deposits.
69. In the slightly higher ground to the west of the turbine pad, towards the eastern end of Haul Road 3, a form of volcanic intrusion was exposed. At the western end of the turbine area there was a line of heat affected subsoil, with pieces of burnt coal present. This appears to have been a natural occurrence; a coal seam which had burnt *in situ*, probably as a result of the volcanic intrusion to the west. It is likely that the presence of this volcanic intrusion made the ground too hard for the digging of postholes, which perhaps explains the lack of archaeological features in the ground to the immediate west of the turbine area.

Modern features

70. A number of features across the site appeared to have been the product of more recent activity within the development area. Linear features [3013], [3036], [3107] and [3137] all crossed the site on the same orientation (NNW-SSE) at fairly regular intervals. They all contained the same fill which was very similar to the topsoil across the area, and were fairly straight and regular in shape. As such they appeared to represent the truncated shallow remains of agricultural furrows. Linear features [3007] and [3008] ran across the southeastern corner of the site, both orientated NE-SW. Again, both appeared to be very straight and regular with a fill similar to the topsoil. It is likely that these again resulted from agriculture, possibly representing channels dug to improve the ground's drainage, running downslope to the northeast. The use of the land for agriculture from at least the mid 18th century is attested to by the cartographic evidence. Roy shows the ground as covered by rig and furrow on his Military Survey of 1752-55, and the area continues to be shown as enclosed fields throughout the 1st, 2nd and 3rd Edition Ordnance Surveys covering the period of 1860 to 1910.
71. Some of the remaining features within the turbine area were also modern in date. These features contained numerous 20th century artefacts including iron nails, glass bottles, bricks and white glazed pottery as well as pieces of coke. It is possible that these represent activity relating to the presence of the Shewalton colliery works which are known to have been located within the surrounding area.
72. One of the most recent features across the turbine area was the gravel trackway (3006) which was orientated WSW-ENE. This sat mainly in the topsoil allowing it to be removed during the initial groundbreaking works which stripped the area. While it had partly removed some of the shallower features such as [3007], some features still survived *in situ* in the subsoil revealed below it.
73. Two of the circular features within the turbine area, [3023] and [3026], contained fragments of modern ceramic pottery which appeared too large to have entered the features by way of bioturbation. It is possible that these features, and also [3029] which cuts [3026], are also modern in date showing small pockets of later disturbance.

Ditch [3017]

74. Linear ditch [3017] sat within the western half of the turbine area. The lack of any artefacts recovered from its fill makes it difficult to ascertain its date. Whether it is

contemporary with the earlier features on site or is a later insertion is also uncertain.

75. Looking at its location relative to the other features, it can be seen to curve slightly to the west and not to the east, where the ring groove structure and the majority of the earlier features were located. This suggests that it was not an enclosing ditch: any such feature would have needed to curve east in order to encompass the earlier activity on site. A few circular features were present, straddling the ditch at its northern end: these could either be contemporary or they may represent an area of earlier activity which the ditch has later cut through.
76. The lack of artefacts within the ditch itself is odd considering its size. This is further highlighted by the presence of high concentrations of artefacts within some of the smaller features on site, including the small circular feature [3131] which sat only 4m to the east of the ditch and contained several pieces of prehistoric pottery. This may suggest that the ditch belonged to a different time period.
77. It is possible that if the ditch was not contemporary with the earlier activity on the site, then it could be post-medieval or more recent in date. It may have represented a drainage channel or may have even acted as a land boundary.

Prehistoric Remains

78. The curvilinear features present at the eastern end of the turbine area, and the various circular features which are more dispersed across the site are likely to represent prehistoric activity.
79. Curvilinear features [3011], [3048] and [3087] appear to represent the three remaining sections of a ring-groove structure. The ring-groove would originally have formed a full circle (excluding a gap for an entrance), which acted as a foundation trench for the outer wall of a timber-built circular structure. In this instance the structure would have had an internal diameter of 10.4m.
80. Unfortunately the ring-groove had been heavily truncated, most likely by the intensive use of the ground for agriculture. This meant that sections of the original groove were missing. As a recognisable entrance defined by clear terminals is not visible within the surviving sections, then it seems likely that this may have sat within the sections now missing, either on the southern or northwestern sides.
81. It was not possible to see evidence remaining for upright posts within the ring-groove, for example in the form of post pipes or high concentrations of charcoal within the fill, but this is likely due to the severe truncation of the groove, which survived to a depth of only 60 to 170mm deep. It is also possible that the wall was originally constructed of timber planks, with the planks positioned tightly against each other.
82. The circular features present across the site, both within and outwith the area encompassed by the ring-groove structure, appeared to represent pits and postholes. The majority of these seem likely to have been postholes although, without the presence of packing stones or post pipes within their fills, it is difficult to determine which ones specifically fall within this category.
83. Fragments of prehistoric pottery were recovered from only six of the features within the turbine area. Three of these sat within the group located to the south of the structure: [3098], [3100] and [3102]. One of these, [3102], contained the highest concentration of pottery with 52 fragments. It is possible that this concentration of features may represent a potential location for the entrance to the structure, which in a southeastern position would give a position aimed towards the sun and light. Concentrations of artefacts around entrances have been recorded in roundhouses from the Bronze Age (Bruck 1999, 156), with Bruck suggesting that this either reflects the use of the entrance as a focus for certain activities, or suggests that the material may represent refuse discarded deliberately just outside the entrance to highlight a conceptual division between the clean interior and the dirty outside world.
84. As well as a high concentration of pottery, [3102] also contained a fragment of a stone saddle quern. The presence of quern stones within significant features such as burials

and settlement boundaries has been recorded across sites within the Iron Age (Hingley 1992, 41) and also in the Bronze Age. Bruck (1999, 155) discusses the significance of the quern stone as being essential to food production and therefore a “potent symbol of life, fertility, and productivity”. As such, she discusses the idea that the deliberate burial of a quern stone may have acted as a ‘closing deposit’ linked to the end of the life cycle of the structure. This interpretation is further discussed in the context of roundhouses by Cook and Dunbar (2008, 223-4), and it is possible that [3102] may represent the same deliberate deposition here. If this was also where the entrance to the structure was located then this may be even more significant.

85. The other feature which contained a high amount of prehistoric pottery fragments was pit [3131] which sat on its own to the southwest of the ring-groove structure, 4m to the east of ditch [3017], and which contained 30 fragments in total. This feature is difficult to interpret as no other potentially significant remains sat in close proximity to it. It may represent a further area of activity where the surrounding features have been lost, or it may represent a deliberate deposit of refuse set away from the main structure.
86. It is worth noting that some of the features which appear to be earlier in date also contained small fragments of modern pottery, including part of the ring-groove [3011]. The presence of these fragments highlights the fact that at least some of the features on the site had been affected by post-depositional processes from root and animal action, and also possibly as a result of the agricultural ploughing which has taken place on site. This should be considered when carrying out any future analysis and interpretation of the features on site.
87. The interior of the ring-groove structure contained a sufficient number of potential postholes to have supported a ring-beam, which could have held the rafters for a conical roof. A central feature was identified, pit [3032]: the presence of thin bands of charcoal within its fill might suggest its use as a hearth, although neither the fill nor the surrounding subsoil appeared to be as heat affected as might usually be expected with this type of feature.
88. To the east of the structure sat feature [3012]. The keyhole shape of this feature suggests that it may have been a form of kiln with the linear portion acting as a flue. The location of this feature, set away from the ring groove structure to the east in an area devoid of many other features, may also reflect the need to keep the kiln separate in order to prevent it setting fire to surrounding timber-built structures. It lacks, however, the large quantities of charcoal or the complexity of layering which might be associated with intensive burning at a high temperature over a period of time. This might argue against us interpreting this feature as a kiln, although the shape and location are intriguing and encourage further consideration.
89. The high number of potential postholes spread across the site may suggest that the site has seen more than one phase of occupation. While it is difficult to be certain about viewing potential patterns on site as signifying different structures, prior to the availability of any dating evidence, it is possible to suggest potential patterns based on the similarities of the dimensions and locations of the features.
90. One phase of structure is obviously present on site in the form of the ring-groove feature already described. There is also the potential for a second structure, which overlaps the ring-groove structure on its western edge. This could be represented by a ring of possible postholes [3046], [3043], [3103], [3074], [3116], [3114], [3108] and [3105], which are all of a similar size, with a central feature [3020]. If this does represent a second post-ring structure on site then its overlapping position indicates that the two structures were not contemporary, but represent instead different phases of occupation. Which structure superseded the other is uncertain without further dating evidence. Based on their differing methods of construction, there is no definite sequential phasing for the two types of structure and both forms are not uncommonly found within the same settlement (Scottish Archaeological Research Framework 2012). Looking at the features in plan at this stage, it could be suggested that the post-ring represents the earlier structure based on the survival of a section of the ring-groove through its centre, an area which would likely have been disturbed by later internal activities.

91. Across the site, the features varied greatly in depth. Initially this was viewed as being the result of varying levels of truncation by ploughing practices. These variations in depth did not, however, present a definitive pattern across the site, which meant that this interpretation did not hold up. It is possible instead that the variations in depth relate to different periods of construction where different methods have been used.
92. The presence of multiple postholes and the variations in their depths may also result from various phases of repair and replacement to the structures on site. The longevity of a structure can range from being of shorter duration, possibly over a single generation, to a more long term continuous residence which sees the repair and replacement of various structural elements throughout its use. It may be possible that the features formed of intercutting circular cuts described in the interior of the ring-groove structure could reflect this, occurring where an aging post has been replaced by a newer version. This may also explain variations in the depth of features where more substantial holes were needed to replace earlier posts which had failed.
93. The ring-groove structure within the turbine area appears to represent an unenclosed timber structure which at this stage appears likely to date to the Early Iron Age. At this point the most likely function for the structure appears to be a domestic dwelling: although similar timber structures have been interpreted as non-domestic elsewhere, for example at Over Rig in Dumfriesshire (Royal Commission on the Ancient and Historical Monuments of Scotland 1997, 84-86), no evidence so far suggests that this is the case here. It is possible that some of the features lying further to the west of the structure may represent other structures, possibly representing fencelines or enclosures, but there is not a sufficient enough sample of them to make any definitive suggestions.
94. The excavation of this structure represents an unusual occurrence within Ayrshire, which, despite having a reasonably high density of Late Bronze Age to Early Iron Age sites is dominated in this period by enclosed or fortified sites unlike the lowland unenclosed site discussed here. The Iron Age sites at Harpercroft and Wardlaw Hill in Dundonald, are good examples, with ramparts encompassing the summits of both hills (Halpin 1992). In his discussion of unenclosed sites, Hendry has highlighted that, while they exist in various parts of Scotland, they have not been extensively studied in Ayrshire (1996, 38). Two of the sites listed by Hendry as Iron Age sites with no fortifications are located not far from Irvine, at Nethermuir near Troon (Canmore ID: 41687, WoSAS Site ID: 6258) and at Mainholm, Glaisnock near Ayr (Canmore ID: 41727, WoSAS Site ID: 6298). Both of these exist as circular cropmarks not yet excavated.
95. When considering the site at Irvine, it is also important to remember that this area represents an arbitrary grab of the landscape, and that these features could represent one portion of a much larger area of archaeological activity or settlement. The site sits within a lowland location with the River Irvine to the north and the Dundonald Burn to the west and south. It is possible that it represents a multi-phased site which may have more structures within the surrounding area. With hard ground above the volcanic intrusion lying to the west and waterlogged areas to the south, this suggests the most likely position for further settlement as being to the north or the east.

Recommendations

96. This Data Structure Report covers the archaeological works carried out so far within the areas of Haul Road 3 and Turbine 3. It will be one of a series of reports which will cover all of the areas requiring monitoring and which combined will present the archaeological features revealed across all of the areas. The recommendations put forward in this document will be contributory to any final recommendations made on completion of the works.
97. The quality and quantity of the archaeological features already recovered is such that it would warrant a programme of post-excavation analysis works and publication. Any programme for such works would need to be confirmed with North Ayrshire Council and their archaeological advisors, the West of Scotland Archaeology Service, in keeping with the terms laid out in the Method Statement. Further consideration as to how the work

carried out here may contribute to the Scottish Archaeological Research Framework is also worth consideration.

98. All future groundbreaking works on site still require to be monitored by an archaeologist. Based on the archaeological finds discovered to date, we would recommend at this stage that this level of monitoring continues to be appropriate and proportionate to this development.

Conclusion

99. Archaeological monitoring works are being undertaken in respect to the construction of wind turbines at GlaxoSmithKline, Irvine, North Ayrshire. During the monitoring works for the groundbreaking works at Turbine 3, located to the south of the GlaxoSmithKline factory, a number of significant archaeological features were uncovered which warranted the need for archaeological excavation works to be carried out on site.
100. The excavation works revealed the presence of a potential Early Iron Age circular ring-groove house with internal pits and postholes. Postholes located to the immediate west of the structure may represent a second potential structure in the form of a post-ring circle. This overlaps the location of the ring-groove structure and may suggest that the site has seen multiple phases of occupation. The site appears to be unenclosed. Several fragments of prehistoric pottery were uncovered as well as a fragment of a stone saddle quern.
101. The site also showed more recent activity in the form of furrows and possible drainage ditches. One large ditch located to the west of the ring-groove structure, which curves slightly away from it, is of uncertain date and may either be contemporary with the earlier features on site or may represent a post-medieval or later drainage channel or land boundary.

Acknowledgements

102. We would like to thank Katie Sludden who was the original lead archaeologist on this project and who initially recognised the archaeological features during the monitoring works. Thanks also go out to Peter Klemen and Calum Henderson who helped to carry out the excavation works on site and contributed to the appendices and illustrations within this document. We are also grateful to Dr Louise Turner for her work on the artefacts recovered from the site and also Diane Gorman for helping to prepare the illustrations present within this report. We are also grateful to the West of Scotland Archaeology Service who gave support and guidance for the archaeological works.

References

Documentary

- Boyd, W. 1982 'Archaeological implications of a new palaeoenvironmental model for part of the Ayrshire Coast', *Glasgow Archaeological Journal* Volume 9, 15-17.
- Bruck, J. 1999 'Houses, Lifecycles and Deposition on Middle Bronze Age Settlements in Southern England', *Proceedings of the Prehistoric Society* Volume 65, 145-166.
- Cook, M. & Dunbar, L. 2008 *Ritual, Roundhouses and Romans. Excavations at Kintore, Aberdeenshire 2000-2006. Volume 1: Forest Road*, Edinburgh.
- Halpin, E. 1992 'Harpercroft and Wardlaw Hill, Dundonald, Strathclyde', in Rideout, J.S., Owen, O.A. & Halpin, E. 1992 *Hillforts of Southern Scotland*, Monograph 1, Edinburgh.
- Hendry, A. 1996 'The Iron Age in Ayrshire (c.500 BC – 500 AD): An Update', in *John Smith of Dalry, Geologist, Antiquarian and Natural Historian: Part 2 – Archaeology and Natural History*, Ayrshire Monographs No. 17, April 1996.
- Hingley, R. 1992 'Society in Scotland from 700 BC to AD 200', *Proceedings of the Society of Antiquaries of Scotland* Volume 122, 7-53.

Rees, T, 2012 *GlaxoSmithKline Wind Turbines, Irvine, North Ayrshire: Method Statement*, unpublished commercial document prepared by Rathmell Archaeology Ltd.

Royal Commission on the Ancient and Historical Monuments of Scotland 1997 *Eastern Dumfriesshire: An Archaeological Landscape*, Edinburgh.

Scottish Archaeological Research Framework 2012 *Iron Age: 5. Building in the Round: house-scapes of the Iron Age - 5.3 Types and variations* (online) Available at <<http://www.scottishheritagehub.com/content/53-types-and-variations>> (accessed 30 November 2012).

Cartographic

1752-1755	Roy	Military Survey of Scotland
1860	Ordnance Survey	1 st edition Ordnance Survey, Ayrshire Sheet XXII
1897	Ordnance Survey	2 nd edition Ordnance Survey, Ayrshire Sheet XXII.NW
1910	Ordnance Survey	3 rd edition Ordnance Survey, Ayrshire Sheet XXII.NW

Contact Details

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

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Unit 8 Ashgrove Workshops	
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KA13 6PU	e.: contact@rathmell-arch.co.uk

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

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

Appendix 1: Discovery & Excavation in Scotland

LOCAL AUTHORITY:	North Ayrshire
PROJECT TITLE/SITE NAME:	GlaxoSmithKline Wind Turbines, Irvine – Turbine 3
PROJECT CODE:	RA12002
PARISH:	Dundonald
NAME OF CONTRIBUTOR:	Claire Williamson
NAME OF ORGANISATION:	Rathmell Archaeology Limited
TYPE(S) OF PROJECT:	Archaeological Monitoring; Excavation
NMRS NO(S):	None
SITE/MONUMENT TYPE(S):	None
SIGNIFICANT FINDS:	Prehistoric pottery, flints and fragment of stone saddle quern
NGR (2 letters, 8 or 10 figures)	NS 34666 36270 (centre point)
START DATE (this season)	26 th March 2012
END DATE (this season)	15 th June 2012
PREVIOUS WORK (incl. DES ref.)	None
MAIN (NARRATIVE) DESCRIPTION: (may include information from other fields)	<p>Archaeological monitoring works are being undertaken in respect to the construction of wind turbines at GlaxoSmithKline, Irvine, North Ayrshire. During the monitoring works for the groundbreaking works at Turbine 3, located to the south of the GlaxoSmithKline factory, a number of significant archaeological features were uncovered which warranted the need for archaeological excavation works to be carried out on site.</p> <p>The excavation works revealed the presence of a potential Early Iron Age circular ring-groove house with internal pits and postholes. Postholes located to the immediate west of the structure may represent a second potential structure in the form of a post-ring circle. This overlaps the location of the ring-groove structure and may suggest that the site has seen multiple phases of occupation. The site appears to be unenclosed. Several fragments of prehistoric pottery were uncovered as well as a fragment of a stone saddle quern.</p> <p>The site also showed more recent activity in the form of furrows and possible drainage ditches. One large ditch located to the west of the ring-groove structure, which curves slightly away from it, is of uncertain date and may either be contemporary with the earlier features on site or may represent a post-medieval or later drainage channel or land boundary.</p>
PROPOSED FUTURE WORK:	Further monitoring works to be carried out in the surrounding area. Post-excavation and publication works recommended.
CAPTION(S) FOR ILLUSTRS:	None
SPONSOR OR FUNDING BODY:	GlaxoSmithKline
ADDRESS OF MAIN CONTRIBUTOR:	Unit 8 Ashgrove Workshops, Kilwinning, Ayrshire KA13 6PU

E MAIL:	contact@rathmell-arch.co.uk
ARCHIVE LOCATION (intended/deposited)	Report to West of Scotland Archaeology Service and archive to RCAHMS Collections.

Appendix 2: Registers

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

Context Register – Haul Road

Context No.	Area/ Trench	Type	Description	Interpretation
001	HR3	Topsoil	Moderately compact dark brown organic silt/sand with occasional rounded stones, white graze pottery, flint and slag.	Topsoil.
002	HR3	Deposit	Very compact light brown sand with silty patches. 10m x 7m in extend starting at the west side of (003) extending down slope as far as the gate westwards.	Natural Subsoil
003	HR3	Deposit	Very compact black blue grey ash, sandstone, brick, concrete, slate, ceramic, wire, metal, plastic, stone glass and nails. Up to 700mm thick and 20m x 7m in extend.	Demolition deposit relating to 20 th century colliery workings.
004	HR3	Deposit	Very compact black and blue gravel and bitumen with glass, industrial slag and ceramic inclusions. The deposit is 150mm to 250mm thick running across the whole T3 site.	20 th century track road.
005	HR3	Deposit	Very compact light blue igneous basalt. Thickness varies, and covers the entire turning circle.	Natural subsoil/bedrock.
006	HR3	Deposit	Moderate dark grey silt with charcoal, ceramic, shell, small sandstone and slate fragments. 200mm – 220mm thick, and 20m x 1m in extent. Contains prehistoric pottery and shell.	Buried topsoil
007	HR3.	Cut	Same as (3018)	Natural channel.
008	HR3	Cut	Sub-oval pit, 1800mm long, 300mm wide and 100mm deep. Shallow breaks of slop (top), sloping sides, shallow breaks of slope (base) and a flat base. Orientated E-W. Not sure if real. Single fill (009)	Pit.
009	HR3	Deposit	Very compact black silt and charcoal with few small sandstone inclusions. 100mm thick and 1800mm x 300mm in extent. Fill of pit [008]	Fill of pit [008]
010	HR3	Deposit	Very compact mid grey silt with few small stone inclusions. 100mm to	Hillwash

Context No.	Area/ Trench	Type	Description	Interpretation
			150mm thick and 20m x 1m x 150mm in extent at west end of HR3.	
011	HR	Deposit	Moderately compacted grey and dark yellow (with orange patches) sandy clay with infrequent stones and occasional degraded stone/iron pan.	Natural subsoil

Context Register – Turbine 3

Context No.	Area/ Trench	Type	Description	Interpretation
3001	T3	Topsoil	Moderately compact dark brown organic silt/sand with occasional rounded stones, white graze pottery, flint and slag. Found within a 20m by 20m box trench for turbine 3 pad.	Topsoil.
3002	T3	Deposit	Moderately compact dark brown organic silt/sand with abundant modern material such as glass, plastic, and iron nails. Found over turbine 3 roadway as it runs west.	Topsoil
3003	T3	Deposit	Moderately compact, yellow and orange sandy gravel with 50mm x 50mm rounded mixed stone inclusions. Extends at least 26m N-S and 35m E – W.	Natural Subsoil
3004	T3	Deposit	Moderately compact grey and dark yellow sandy clay with orange patches. Infrequent stones and occasional degraded stone/iron pan.	Natural Subsoil.
3005	T3	Deposit	Moderately compact, yellow and orange sandy gravel with 50mm x 50mm rounded mixed stone inclusions.	Natural Subsoil.
3006	T3	Deposit	Very compact dark grey and blue bitumen and stone gravel with mixed stone inclusions. Sub-rounded 7m long and 5m wide at the east edge of T3 pad strip. 20 to 50mm thick.	Modern surface
3007	T3	Cut	Linear running SW to NE in E section of T3 pad parallel to [3008]. Measures 400mm wide by 70mm deep. Filled by moderately compact dark brown sandy silt with frequent rootlets and small stones.	Field Drain
3008	T3	Cut	Linear running SW to NE in E section of T3 pad parallel to [3007].	Field Drain

Context No.	Area/ Trench	Type	Description	Interpretation
			Measures 400mm wide by 100mm deep. Filled by moderately compact dark brown sandy silt with frequent roots and small stones.	
3009	T3	Deposit	Mixed black and orange burnt wood rich silt with abundant nails. Measures 1.6m NW-SE by 1m SW-NE.	Possibly relating to coal mining activity.
3010	T3	Surface	Bitumen Deposit with abundant plastic, glass and brick fragments. Same as [3006]	Surface, possibly relating to coal mining activity.
3011	T3	Cut	Narrow curvilinear running NW – SE, then SE – SW. Measures 6.4m long, 300-440mm wide and 60-170mm deep. Gently sloping sides and a rounded U-shaped base. Filled by (3054). Unclear if it extends outwith northern limits of excavation. Could be same as or relate to curvilinear [3048] to east and [3087] to south.	Curvilinear forming eastern side of roundhouse structure. Likely relates to curvilinear [3087] to south and [3048] to west.
3012	T3	Cut	Keyhole shaped feature. Orientated E-W with a maximum length of 3.15m and depth 170mm. The east extent of the feature is more linear in plan measuring 560mm wide, with the western extent appearing circular measuring maximum 1.25m. Gently sloping sides. Filled by (3053).	Possible Kiln/Fire pit.
3013	T3	Cut	Linear running NNW – SSE. 700mm wide, 10m long.	Linear feature, modern agricultural
3014	T3	Deposit	Moderately compact black grey black and orange silty sand with charcoal, burnt bone fragments and fire cracked stone. The deposit is 120mm deep and 1400mm x 900mm in extent. Fill of pit [2023].	Fill of pit [2023].
3015	T3	Deposit	Moderately compact mid greyish brown silt with small stone inclusions. Curves WSW to NE.	Palaeochannel or shallow depression in natural.
3016	T3	Deposit	Very compact, mixed mid grey clay and igneous rock with various stone inclusions. The deposit is at least 25m x 20m in extent.	Re-deposited natural relating to mining.
3017	T3	Cut	Linear running N-S with single fill (3067). The cut has steep sides; gradual breaks of slope and a flat base. 30m long, 1.42mm wide and 380mm deep.	Possible field drain.
3018	T3	-	Void	-
3019	T3	Cut	Truncated posthole west of (3014).	Posthole.

Context No.	Area/ Trench	Type	Description	Interpretation
3020	T3	Cut	Circular posthole, 170mm wide and 170mm deep. Shallow breaks of slopes, sloping sides and a rounded base. Inclination of axis is vertical with a single fill (3022).	Posthole.
3021	T3	Deposit	Fill of posthole cut [3019].	Fill of posthole [3019].
3022	T3	Deposit	Moderately compact, light mid grey silt/sand with small stone and occasional charcoal inclusions. 170mm deep, 700mm in diameter.	Fill of posthole [3020].
3023	T3	Cut	Sub-oval posthole, 1400mm long, 90mm wide and 120mm deep. Shallow breaks of slope, sloping sides and a flattened base. Orientated NW to SE and has single fill (3014)	Cut of pit
3024	T3	Deposit	Red brick surface, one course deep, two courses wide and 6-8 bricks long. Found within bitumen/demolition deposit (003). Bricks have the marking 'K'.	Brick Surface.
3025	T3	Deposit	Moderate dark grey silt with frequent mixed small stone inclusions. 1500mm long, 550mm wide and 130mm deep.	Fill of linear [3052]
3026	T3	Cut	Circular shape in plan. Gently sloping sides at top with steeper sloping sides towards the bottom. Flat base with rounded corners. Measures 1m by 600mm and 220mm deep. Filled by (3061).	Cut of posthole
3027	T3	Deposit	Loose mid brown silt, 1200mm long, 700mm wide and 60mm deep. Rare charcoal/small stone inclusions.	Possible domestic spread within surrounding ditch [3011][3048][3087]
3028	T3	Cut	Sub-oval posthole 1100mm long, 660mm wide and 200mm deep. Gradual break of slope, steep sides and a rounded base. Inclination of axis vertical with a single fill (3076). Truncated by burrowing.	Cut of posthole.
3029	T3	Cut	Circular posthole 400mm long, 350mm wide and 100mm deep. Gradual break of slope, gradually sloping sides and a rounded base. Cuts or is cut by post-hole [3029]. Has single fill (3068)	Cut of posthole.
3030	T3	Cut	Circular posthole 300mm long, 250mm wide and 100mm deep. Gentle break of slope, gradually sloping sides and a rounded base. Inclinations of axis vertical with a single fill (3062)	Cut of posthole.
3031	T3	Cut	Circular posthole 300mm diameter and 280mm deep. Sharp breaks of slope, steep sides and a rounded base. Inclination of axis is vertical	Cut of posthole.

Context No.	Area/ Trench	Type	Description	Interpretation
			with a single fill (3059).	
3032	T3	Cut	Sub-oval pit 920mm long, 800mm wide and 360mm deep. Sharp breaks of slope, steep sides and a flat/slightly irregular base. Single fill (3058).	Cut of central pit within roundhouse.
3033	T3	-	Void	-
3034	T3	Cut	Circular posthole 230mm wide and 230mm deep. Sharp breaks of slope (top), steep/vertical sides, shallow breaks of slope (bottom) and a rounded base. The inclination of axis is vertical with a single fill (3056).	Cut of posthole.
3035	T3	Cut	Circular posthole 400mm long, 300mm wide and 220mm deep. Gradual breaks of slope, steep sides and a rounded base. The inclination of axis is vertical with a single fill (3071)	Cut of posthole.
3036	T3	Cut	Narrow linear running NNW-SSE. Measures 150mm wide by 50mm deep. Filled by moderately compact dark brown sandy silt with frequent rootlets and small stones.	Possible plough scar.
3037	T3	Cut	Sub-oval posthole with satellite 850mm long, 220mm wide and 350mm deep. Sharp vertical breaks of slope (top), straight sides, shallow breaks of slope (base) and a flat base. The post-hole is orientated E-W with a vertical inclination of axis. Single fill (3069)	Cut of posthole.
3038	T3	Cut	Sub-oval posthole 440mm long, 400mm wide and 380mm deep. An ancillary post [3066] on its NW side. Vertical breaks of slope (top), vertical sides, and a curved break of slope (base) and a flat base. The post-hole has a vertical inclination of axis and a single fill (3067)	Posthole.
3039	T3	Cut	Sub-circular posthole 560mm long, 440mm wide and 150mm deep. Straight break of slope (top), steep sides, and a rounded break of slope (base) with a flat base. Single fill (3039)	Posthole.
3040	T3	-	Void	-
3041	T3	Cut	Cut of possible posthole, circular with near vertical sides and rounded/flattish base. 300m diameter by 280mm in depth. Single fill (3055). 1015mm east of curvilinear [3011].	Possible posthole, likely associated with surrounding prehistoric features.

Context No.	Area/ Trench	Type	Description	Interpretation
3042	T3	-	Void	-
3043	T3	Cut	Cut of possible posthole, curvilinear with straight steep sides, a sharp top break of slope and rounded base break of slope. 390mm wide by 320mm length and 250mm in depth. Single fill (3075).	Posthole
3044	T3	Cut	Cut of possible posthole, curvilinear with gradual top break of slope and rounded base break of slope with a flat base. 860mm E-W, 760mm N-S and 270mm in depth. Single fill (3072).	Posthole
3045	T3	Cut	Cut of circular posthole with gentle break of slope at top, abrupt break of slope at base, gently sloping sides and an irregular base. 500mm wide, 500mm in length and 160mm in depth. Single fill (3070).	Posthole, likely associated with surrounding prehistoric features.
3046	T3	Cut	Cut of possible posthole. Circular with steeply sloping sides and a rounded/flat base. 400mm by 450mm by 290mm in depth. Single fill (3080).	Possible posthole, likely associated with surrounding later prehistoric features.
3047	T3	Deposit	Natural deposit of overburden. Mid to dark brown silt sand with small stones natural deposited in natural shallow slump.	Natural/Overburden
3048	T3	Cut	Cut of curvilinear ditch, orientated north to south. Gradually sloping sides with flattish base. Maximum 450m in width, 5.7m in length gradually peters out at southern end (last 1.2m \leq 0.15m wide) and 110mm maximum depth. Single fill (3060). Visible truncation by modern agricultural features.	Cut of curvilinear ditch, appearing to form western side of possible roundhouse. Possibly later prehistoric.
3049	T3	Cut	Possible natural stone hollow, irregular oblong in shape. 600mm wide by 1000mm length by 70mm in depth. Loose silt/sand fill with frequent small stones	Natural feature/ stone hollow.
3050	T3	-	Void	-
3051	T3	Cut	Oval shape in plan. Measures 550mm x 750mm and 100mm deep. Gently sloping sides with a shallow rounded base. Filled by (3138).	Possible posthole
3052	T3	Cut	Cut of linear/pit of unknown provenance. Shallow break of slope and flat base. 550mm wide by 1500mm length by 130mm in depth. Orientated NE to SW. Single fill (3025).	Linear/possible pit. Unknown provenance.

Context No.	Area/ Trench	Type	Description	Interpretation
3053	T3	Deposit	Moderately compacted, mid to light brown grey, occasional charcoal flecks with frequent rounded stones 50mm-130mm	Fill of possible kiln/fire pit [3012]. Evidence of in-situ burning.
3054	T3	Deposit	Loose mid-brown silt/sand with abundant small stones and gravel. Contained pottery fragment (Find no. 15) of possible post-medieval date. Single fill of linear [3011].	Fill of linear [3011]. Evidence of possible post-medieval function or activity.
3055	T3	Deposit	Single fill of possible posthole [3041]. Fairly compact mid-dark brown silty sand with occasional fine rootlets, small angular and sub-angular stone ($\geq 50\text{mm} \times 30\text{mm} \times 40\text{mm}$) and occasional charcoal flecks.	Fill of posthole [3041], possibly associated with surrounding prehistoric features.
3056	T3	Deposit	Single fill of posthole [3034]. Moderately compact dark grey silt with occasional charcoal flecks and small stones. 230mm in depth by 230mm in diameter.	Fill of posthole [3034]
3057	T3	Deposit	Stone fill of possible kiln [3012]. Composed of very abundant rounded stones (possibly shore pebbles) ranging in size from 20-150mm. Some evidence of fire cracking.	Stone deposit of kiln [3012]. Evidence of stones having been heated.
3058	T3	Deposit	Single fill of pit [3032]. Loose, mixed mid-greyish brown silt with inclusions of degraded stone and occasional bands of charcoal.	Fill of pit [3032]
3059	T3	Deposit	Single fill of posthole [3031]. Loose, dark brown silty with occasional charcoal. 300mm wide and 280mm in depth.	Fill of posthole [3031]
3060	T3	Deposit	Single fill of linear [3048]. Moderately compact mid to dark brown silty sand with moderate small stone inclusions, occasional charcoal flecks and very occasional rootlets. 5.7m x 0.45m (maximum width) and 110mm maximum depth.	Fill of linear [3048]. Possible later prehistoric date/function. Visible truncation by agricultural action.
3061	T3	Deposit	Single fill of posthole [3026]. Moderately compact mixed mid orange brown sand and mid to dark brown silty sand with occasional fine rootlets and occasional small stones.	Fill of posthole [3026]. Likely associated with prehistoric curvilinear [3011].
3062	T3	Deposit	Single fill of posthole [3030]. Loose, dark blackish brown silt with rare small pebbles and abundant charcoal. 240mm wide, 240mm length and 100mm in depth.	Fill of posthole [3030]
3063	T3	Cut	Cut of circular posthole with steep sides, a gradual break of slope and a rounded base. 330mm wide by 330mm length and 330 in depth.	Cut of posthole, possibly associated with surrounding prehistoric features.

Context No.	Area/ Trench	Type	Description	Interpretation
			Located west of curvilinear [3011]. Single fill (3064).	
3064	T3	Deposit	Single fill of posthole [3063]. Loose, mid grey brown silt with abundant small stones and rare charcoal. 330mm wide by 330 length and 330mm in depth.	Fill of posthole [3063]
3065	T3	Deposit	Moderately compacted dark grey brown silty sand with charcoal flecks and small stone inclusions. Extent measures 850mm x 440mm and maximum 440mm deep.	Fill of posthole [3038] and [3066]
3066	T3	Cut	Cut of circular posthole with shallow top breaks of slope, vertical sides, shallow bottom breaks of slope and a flat base. 400mm in diameter and 120mm in depth. Single fill (3065) same as posthole [3038].	Cut of ancillary post on northwest side of posthole [3038].
3067	T3	Deposit	Single fill of possible linear ditch [3017]. Compacted, mid to light brown silt with infrequent charcoal and infrequent stones (20mm to 50mm). 1420mm wide and 380mm in depth.	Fill of linear ditch [3017]
3068	T3	Deposit	Moderately compacted mid to dark brown very silty sand with occasional small stones. Measures 400mm x 350mm and 100mm deep.	Fill of posthole [3029]
3069	T3	Deposit	Single fill of posthole [3037]. Moderately compacted dark grey brown silt/sand with small stones, charcoal and prehistoric pottery fragments. 850mm in length by 220 wide, 350mm in depth.	Fill of posthole [3037]. Prehistoric pottery included and evidence of burnt depositing.
3070	T3	Deposit	Single fill of posthole [3045]. Loose silt/sand mid orange brown with occasional small stone inclusions. 500mm in length by 500mm wide and 160mm deep.	Fill of posthole [3045]
3071	T3	Deposit	Single fill of posthole [3035]. Loose mixed orange brown silt/sand with no inclusions. 400mm in length by 300mm wide by 220mm in depth.	Fill of posthole [3035]
3072	T3	Deposit	Single fill of posthole [3044]. Moderately compacted mid brown and orange silt sand. Frequent stones (20mm-60mm) with smaller gravel stones toward base of [3044]. 260mm in depth.	Fill of posthole [3044]
3073	T3	Cut	Small circular shape in plan with steeply sloping sides and rounded base. Measures 270mm x 300mm and 170mm deep. Filled by (3079).	Possible posthole

Context No.	Area/ Trench	Type	Description	Interpretation
3074	T3	Cut	Circular shape in plan with steeply sloping sides and rounded base. Measures 460mm x 400mm and 250mm deep. Filled by (3081) and (3082).	Possible posthole
3075	T3	Deposit	Single fill of posthole [3043]. Moderately compacted orange/brown silt and sand mix. Frequent stones (20mm-50mm) and rare charcoal. 260mm in depth.	Fill of posthole [3043]
3076	T3	Deposit	Single fill of posthole [3038]. Loose, mixed orange brown silt/sand with occasional small stone inclusions. Highly truncated by bioturbation and appears to overspread to east of [3028]. 1010mm in length by 660mm wide and 200mm in depth	Fill of posthole [3038]. Likely relates to other postholes within possible ring ditch [3011].
3077	T3	Deposit	Single fill of pit [3083]. Moderately compact, dark grey brown silty sand. Charcoal and pottery fragment inclusions. 170mm – 230mm thickness. 440mm x 300mm x 230mm extent.	Fill of pit [3083] and posthole [3078].
3078	T3	Cut	Circular posthole, 250mm in diameter. Undulating top break of slope, vertical sides, shallow bottom break of slope and flat base. Fill include (3077). Truncation by modern ploughing.	Posthole
3079	T3	Deposit	Moderately compacted dark brown very silty sand with occasional rootlets and occasional small stones. Extent measures 270mm x 300mm and 170mm deep.	Fill of possible posthole [3073]
3080	T3	Deposit	Single fill of posthole [3046]. Moderately compact dark brown very silty sand with occasional rootlets and occasional small stones and occasional charcoal flecks. Extent is 400mm x 450mm x 290mm deep.	Fill of possible posthole [3046]
3081	T3	Deposit	Moderately compacted dark brown sandy silt with occasional fine rootlets and occasional small stones. Extent measures 300mm in diameter and 200mm deep.	Upper fill of possible posthole [3074]
3082	T3	Deposit	Loose to moderately compacted mid orange brown sand with occasional small stone inclusions. Maximum extent measures 400mm x 460mm and 250mm deep (although only 50mm deep across the northern half).	Lower fill of possible posthole [3074]
3083	T3	Cut	Circular posthole. 240mm in diameter and 150mm in depth. Shallow top break of slope, vertical to sub-vertical sides, shallow bottom break	Posthole

Context No.	Area/ Trench	Type	Description	Interpretation
			of slope and a flat base. Fill (3077). Possible truncation by ploughing.	
3084	T3	Cut	Circular posthole south of curvilinear [3087]. Steep sides, gradual break of slope and rounded base. 320mm in length by 280mm width and 260mm in depth. Includes post-pipe fill (3085) surrounded by re-deposited natural (3086).	Posthole
3085	T3	Deposit	Fill of post pipe within posthole [3084]. Loose dark mixed orange brown silt/sand with rare charcoal inclusions. 226mm thick, 320mm long and 280mm wide.	Fill of post pipe within posthole [3084].
3086	T3	Deposit	Re-deposited natural surrounding post pipe (3085). Loose light orange brown sand with rare small stone inclusions. 220mm thick and 40mm wide.	Re-deposited natural surrounding post pipe (3085) within posthole [3084]
3087	T3	Cut	Cut of curvilinear aligned NE to SW, 2100mm long and 180mm wide. Gently sloping sides, a gradual break of slope and a shallow U shaped base. Single fill (3088).	Curvilinear forming SE extent of roundhouse structure. Likely relates to curvilinear [3011] to north and [3038] to west.
3088	T3	Deposit	Loose mid brown silt with small stone inclusions 2100mm long and 180mm wide. Single fill of curvilinear [3087].	Fill of curvilinear
3089	T3	Deposit	Moderately compact mid brown silty sand with infrequent charcoal, and round stone pebbles ranging in size from 20mm to 50mm. Single fill of posthole [3079].	Fill of posthole [3079].
3090	T3	-	Void	-
3091	T3	Deposit	Moderately compact, light brown silt/sand with frequent charcoal inclusions. The upper extent of the deposit has small rounded stones, with larger sub-rounded and sub-angular stones in the lower extent. 280mm thick and 800mm x 800mm in extent. Fill of post hole [3102]	Fill of posthole [3102]
3092	T3	Cut	Cut of sub-circular pit, 700mm long, 600mm wide and 200mm deep. Steep breaks of slope at the top, gently sloping sides, gradual breaks of slope at the bottom with a rounded/irregular base. Truncated by pit [3094] to the SE.	Cut of pit.
3093	T3	Deposit	Firm, mid grey brown silt/sand with abundant small stone inclusions. 200mm thick and 600mm x 700mm in extent. Single fill of [3092].	Fill of pit [3092]

Context No.	Area/ Trench	Type	Description	Interpretation
3094	T3	Cut	Sub-oval pit 900mm long, 500mm wide and 100mm deep. Gradual top breaks of slope, gently sloping sides, gradual bottom breaks of slope and an irregular base. The pit is aligned NW to SE, truncates pit [3092] to the NW and has single fill (3095)	Cut of pit.
3095	T3	Deposit	Firm mixed grey brown silt/sand with abundant small stone inclusions. 100mm thick and 900mm x 500mm in extent.	Fill of pit [3094]
3096	T3	Cut	Circular posthole 460mm long, 300mm wide and 260mm deep. Sharp breaks of slope at the top, steep sides, a gradual bottom break of slope and a rounded base. The posthole has a vertical inclination of axis and a single fill (3097)	Cut of posthole.
3097	T3	Deposit	Firm mixed mid orange brown silt/sand with moderate small stone inclusions. 260mm thick and 300mm x 460mm in extent. Fill of posthole	Fill of pothole [3096]
3098	T3	Cut	Circular posthole 600mm in diameter and 100mm deep with shallow gradual sloping sides and a flattish base. The posthole has a single fill (3099).	Cut of posthole
3099	T3	Deposit	Compact mid dark brown silt/sand with rare fine rootlets, moderate small stones and charcoal flecks. 100mm thick and 600mm in diameter. Single fill of [3098]	Fill of posthole [3098]
3100	T3	Cut	Irregular/sub circular pit 500mm in length, 600mm wide and 160mm deep. Gradual breaks of slope at the top, gently sloping sides, gradual breaks of slope at the bottom and a sub rounded base.	Cut of pit.
3101	T3	Deposit	Firm mixed grey/orange brown silt sand with moderate small stone inclusions. 160mm deep and 500mm x 600mm in extent. Single fill of pit cut [3100].	Fill of pit [3100].
3102	T3	Cut	Circular posthole 800mm in diameter and 280mm deep. Sharp breaks of slope at the top, steep straight sides, rounded break of slope at the bottom and a flat base. (Note: the western break of slope at the bottom has a much more gradual break of slope.) The posthole has single fill [3091].	Cut of posthole.

Context No.	Area/ Trench	Type	Description	Interpretation
3103	T3	Cut	Cut of circular posthole 360mm in length, 300mm wide and 180mm deep. Gradual breaks of slope at the top, steep sides, gradual breaks of slope at the bottom and a rounded base. The inclination of axis is vertical and the posthole has a single fill (3104).	Cut of posthole.
3104	T3	Deposit	Loose, mid brownish orange silt/sand with occasional small stone inclusions. 180mm thick and 380mm x 300mm in extent.	Fill of pit (3103)
3105	T3	Cut	Cut of circular posthole 440mm E-W, 400mm N-S and 230mm deep. Sharp breaks of slope at the top, gently sloping sides, gradual breaks of slope at the bottom and a rounded base. The posthole has a vertical inclination of axis and two deposits (3105) and (3139). (3105) is a possible post-pipe surrounded by windblown sand/ slumped natural deposit (3139).	Cut of posthole.
3106	T3	Deposit	Firm dark blackish brown silt/sand with occasional small stones/charcoal fleck inclusions. 230mm thick and 400mm x 390mm in extent. Fill of post hole [3105]	Fill of posthole [3105]
3107	T3	Cut	Linear feature measuring 350mm wide. Filled with a mid to dark brown silty sand.	Linear feature, modern agricultural
3108	T3	Cut	Cut of circular posthole, 500mm in diameter and 240mm deep. Gradual breaks of slope at top, gently sloping sides, a gradual break of slope at the bottom and a rounded base. Contains fills (3109) and (3140).	Cut of posthole.
3109	T3	Deposit	Firm, dark blackish brown silt/sand with occasional charcoal and small stone inclusions. 240mm thick and 490mm – 500mm in extent. Fill of posthole cut [3108].	Fill of posthole [3108].
3110	T3	-	Void	-
3111	T3	-	Void	-
3112	T3	-	Void	-
3113	T3	-	Void	-
3114	T3	Cut	Circular posthole 370mm in diameter and 140mm deep. The posthole has sharp breaks of slope at the top, steep sides, a gradual break of	Cut of posthole.

Context No.	Area/ Trench	Type	Description	Interpretation
			slope at the bottom and a slightly rounded base sloping downhill from South to North. It has a single fill (3115).	
3115	T3	Deposit	Moderately compact, dark brown silt/sand with no inclusions. 140mm thick and 370mm x 370mm in extent.	Fill of posthole [3114].
3116	T3	Cut	Circular posthole 340mm in diameter, 370mm deep, with gradual breaks of slope, steep sides and a rounded base. It has a vertical inclination of axis and a single fill (3117).	Cut of posthole.
3117	T3	Deposit	Moderately compact dark brown silt/sand with no inclusions. 370mm thick and 340mm x 340mm in extent.	Fill of posthole [3116]
3118	T3	Cut	Circular posthole 200mm in diameter, 80mm deep with sharp breaks of slope at the top and gradual at the bottom. Its sides are gently sloping with a small ridge at the south end with a gradual break of slope. It also has a rounded base and single fill (3119).	Cut of posthole.
3119	T3	Deposit	Compact dark brown silt/sand with occasional small stones and fine rootlets. 80mm thick and 200mm x 200mm in extent.	Fill of posthole [3118]
3120	T3	-	Void	-
3121	T3	-	Void	-
3122	T3	-	Void	-
3123	T3	-	Void	-
3124	T3	-	Void	-
3125	T3	-	Void	-
3126	T3	-	Void	-
3127	T3	Cut	Oval pit 700mm N-S, 350mm E-W and 120mm deep. At the top there is a steep break of slope at the north and shallow at the south. The sides are gently sloping with a gradual break of slope at the bottom and a flat base.	Cut of pit
3128	T3	Deposit	Moderately compact mid brown silt/sand with frequent small stones and rootlets (no charcoal). 120mm thick and 700mm x 350mm in	Fill of pit [3127]

Context No.	Area/ Trench	Type	Description	Interpretation
			extent.	
3129	T3	Void	Void	-
3130	T3	Void	Void	-
3131	T3	Cut	Circular posthole 660mm N-S, 770mm E-W and 230mm deep. Gradual breaks of slope, gently sloping sides and a rounded base sloping slightly to the west. Contains single fill (3132).	Cut of posthole.
3132	T3	Deposit	Firm mid to dark brownish orange silt/sand with abundant inclusions of small and medium stones. 230mm thick and 660mm x 770mm in extent.	Fill of posthole [3131]
3133	T3	Cut	Circular posthole 450mm E-W, 370MM N-S and 180mm deep. Abrupt breaks of slope, steep sides and a flat/slightly irregular base. Contains single fill (3134).	Cut of posthole.
3134	T3	Deposit	Compacted mid brown silty sand with occasional small stones.	Fill of posthole [3133]
3135	T3	Cut	Circular posthole 180mm N-S, 130mm E-W, and 100mm deep. Sharp breaks of slope at the top, steep sides, gradual breaks of slope at the bottom and a rounded base. Contains single fill (3136).	Cut of posthole.
3136	T3	Deposit	Firm blackish brown silt sand with occasional small stones and rootlet inclusions. 100mm thick and 180mm x 130mm in extent.	Fill of posthole [3135]
3137	T3	Cut	Linear feature. 400mm wide. Filled by mid to dark brown silty sand.	Linear feature, modern agricultural
3138	T3	Deposit	Moderately compact light brown silt/sand 750mm x 500mm in extent.	Fill of posthole [3051]
3139	T3	Deposit	Loose, mid orange brown sand/gravel with occasional small stone inclusions. A small 100mm wide band surrounding post pipe (3106) within post hole [3105].	Fill of posthole [3105].
3140	T3	Deposit	Loose mid brown/orange sand 50mm deep and 50mm x 50mm in extent.	Fill of posthole [3108]

Photographic Register

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
1					1	Pre-ex Turbine 3	SSW	26/03/2012
2					2	Pre-ex Turbine 3	SSW	26/03/2012
3					3	Pre-ex Turbine 3 Road at T3 running West	E	26/03/2012
4					4	Pre-ex Turbine 3 Road at T3 running West, mislaid pegs	NNW	26/03/2012
5					5	Mid Ex Shot 20x20m Turbine Pad	SE	26/03/2012
6	1	1			6	Mid Ex Shot 20x20m Turbine Pad	S	26/03/2012
7	1	2			7	Mid Ex Shot 20x20m Turbine Pad	N	26/03/2012
8	1	3			8	Mid Ex Shot 20x20m Turbine Pad	NW	26/03/2012
9	1	4			9	Mid Ex Shot 20x20m Turbine Pad	N	26/03/2012
10	1	5			10	Mid Ex Shot 20x20m Turbine Pad	NE	26/03/2012
11	1	6			11	Mid Ex Shot 20x20m Turbine Pad	SW	26/03/2012
12	1	7			12	Pre Ex T3 Crane Pad	WSW	27/03/2012
13	1	8			13	Pre Ex T3 Crane Pad	SW	27/03/2012
14	1	9			14	Mid Ex T3 Crane Pad	N	27/03/2012
15	1	10			15	Mid Ex T3 Crane Pad	N	27/03/2012
16	1	11			16	Mid Ex T3 Crane Pad	W	27/03/2012
17	1	12			17	Pre Ex of T3 Roadway	NE	27/03/2012
18	1	13			18	Mid Ex of T3 Roadway	E	27/03/2012
19	1	14			19	Mid Ex of T3 Roadway	E	27/03/2012
20	1	15			20	Post Ex Toward (3014) [3023]	SE	27/03/2012
21	1	16			21	Post Ex Toward (3014) [3023]	SE	27/03/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
22	1	17			22	PH area T3 pad (N side)	N	27/03/2012
23	1	18			23	[3013] from north	N	27/03/2012
24	1	19			24	Curvilinear [3011]	N	27/03/2012
25	1	20			25	Linear [3012]	NE	27/03/2012
26	1	21			26	Burnt deposit (3009)	S	27/03/2012
27	1	22			27	Burnt deposit (3009) close up	S	27/03/2012
28	1	23			28	Bitumen (3010)	E	27/03/2012
29	1	24			29	Bitumen (3010) along roadway	W	27/03/2012
30					30	Reduction of hedgerow	NE	27/03/2012
31	2	1			31	Working shot - start of day, roadway T3 going west	NE	28/03/2012
32					32	PH area NW corner T3 pad running shots E-W	SW	28/03/2012
33					33	PH area NW corner T3 pad running shots E-W	SW	28/03/2012
34					34	PH area NW corner T3 pad running shots E-W	SW	28/03/2012
35					35	PH area NW corner T3 pad running shots E-W	SW	28/03/2012
36					36	Post ex towards start of road	NW	28/03/2012
37					37	PH area showing curvilinear [3011] W side	S	28/03/2012
38					38	PH area showing curvilinear [3011] E side	S	28/03/2012
39					39	Working shot crane pad ex	NE	28/03/2012
40					40	Pre ex roadway looking SW	NE	28/03/2012
41					41	Pre ex roadway looking NE	SW	28/03/2012
42	2	2				PH area running shots E-W	S	28/03/2012
43	2	3				PH area running shots E-W	S	28/03/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
44	2	4				PH area running shots E-W	S	28/03/2012
45	2	5				PH area running shots E-W	S	28/03/2012
46	2	6				PH area running shots E-W	S	28/03/2012
47	2	7				Post Ex Toward Roadway	NW	28/03/2012
48	2	8				Working Shot Crane Pad	NE	28/03/2012
49	2	9				Pre Ex Roadway	NE	28/03/2012
50	2	10				Pre Ex Roadway	SW	28/03/2012
51	2	11			42	Roadway E Side	W	28/03/2012
52	2	12			43	Roadway up to hedgerow	E	28/03/2012
53	2	13			44	W Facing 2m Sample Section T3 Pad	W	28/03/2012
54	2	14			45	W Facing 2m Sample Section T3 Pad	W	28/03/2012
55	2	15			46	W Facing 2m Sample Section T3 Pad	W	28/03/2012
56	2	16			47	W Facing 2m Sample Section T3 Pad	SW	28/03/2012
57	2	17			48	Working Shot Crane Pad	E	28/03/2012
58	2	18			49	Working Shot Brick Surface at Hedge [3024]	E	28/03/2012
59	2	19			50	Working Shot Brick Surface at Hedge [3024]	NW	28/03/2012
60	2	20			51	Working Shot Brick Surface at Hedge [3024]	N	28/03/2012
61					52	Working Shot Brick Surface at Hedgerow Crane Pad [3024]	E	28/03/2012
62					53	Working Shot Brick Surface at Hedgerow Crane Pad Close Up [3024]	E	28/03/2012
63					54	Working Shot West end Crane Pad	SE	28/03/2012
64					55	Running Shot W to E (End of Day Strip)	Soil Bund	28/03/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
							SE	
65					56	Running Shot W to E (End of Day Strip)	S	28/03/2012
66					57	Running Shot W to E (End of Day Strip)	SSW	28/03/2012
67					58	Running Shot W to E (End of Day Strip)	SW	28/03/2012
68					59	Running Shot W to E (End of Day Strip)	E	28/03/2012
69	3	1			60	Retook shots for working / general of whole of exposed area on CP, from W side to E side of site.	SE	29/03/2012
70	3	2			61	Retook shots for working / general of whole of exposed area on CP, from W side to E side of site.	E	29/03/2012
71	3	3			62	Retook shots for working / general of whole of exposed area on CP, from W side to E side of site.	E	29/03/2012
72	3	4			63	Retook shots for working / general of whole of exposed area on CP, from W side to E side of site.	E	29/03/2012
73	3	5			64	Retook shots for working / general of whole of exposed area on CP, from W side to E side of site.	E	29/03/2012
74	3	6			65	Retook shots for working / general of whole of exposed area on CP, from W side to E side of site.	E	29/03/2012
75	3	7			66	PH Area of Poss. Prehistoric Remains	S	29/03/2012
76	3	8			67	PH Area of Poss. Prehistoric Remains	S	29/03/2012
77	3	9			68	PH Area of Poss. Prehistoric Remains	S	29/03/2012
78	3	10			69	PH Area of Poss. Prehistoric Remains	S	29/03/2012
79	3	11			70	PH Area of Poss. Prehistoric Remains	S	29/03/2012
80	3	12			71	General Shots towards Road	N	29/03/2012
81	3	13			72	General Shot Turbine Pad 3	E	29/03/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
82	3	14			73	General Shot Turbine Pad 3	SE	29/03/2012
83	3	15			74	Sample Section Dwg# 003 at NE Peg of crane Pad	S	29/03/2012
84	3	16			75	Sample Section Dwg# 003 at NE Peg of crane Pad	S	29/03/2012
85	3	17			76	Oblique of Sample Section Dwg# 003 at NE Peg of crane Pad	SW	29/03/2012
86	3	18			77	Post Ex Crane Pad	W	29/03/2012
87	3	19			78	Post Ex Crane Pad (3016)	W	29/03/2012
88	3	20			79	Post Ex Crane Pad (3016)	S	29/03/2012
89	3	21			80	Post Ex Crane Pad	E	29/03/2012
90	3	22			81	Post Ex Crane Pad	N	29/03/2012
91	3	23			82	Post Ex Crane Pad	N	29/03/2012
92	3	24			83	Post Ex Crane Pad (3003)	N	29/03/2012
93					84	Post Ex Crane Pad (3016)	N	29/03/2012
94					85	Working shots of Haul Road 3 running west of crane pad	E	29/03/2012
95					86	Working shots of Haul Road 3 running west of crane pad	E	29/03/2012
96					87	Working shots of Haul Road 3 running west of crane pad	E	29/03/2012
97					88	Sample Sections of Haul Road every 50m from E to W (001)	N	29/03/2012
98					89	Sample Sections of Haul Road every 50m from E to W (001)	N	29/03/2012
99					90	Sample Sections of Haul Road every 50m from E to W (004)	S	29/03/2012
100					91	Sample Sections of Haul Road every 50m from E to W (004)	S	29/03/2012
101					92	Working Shot of Turning circle HR3	SE	30/03/2012
102					93	Haul Road at Crane Pad SW Corner	SW	30/03/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
103					94	Post Ex turning Circle HR3 with (005) igneous plug	W	30/03/2012
104					95	Post Ex turning Circle HR3 with (005) igneous plug	SW	30/03/2012
105	4	2			96	Working shot HR3 toward Gate	E	02/04/2012
106	4	3			97	Igneous Plug (005) at Turning Point HR3	S	02/04/2012
107	4	4			98	N Facing Sample Section (006)	N	02/04/2012
108	4	5			99	(006) in section, oblique Post- Ex	ENE	02/04/2012
109					100	Metal Railway section	Above	02/04/2012
110					101	S Facing Sample Section Through (004) HR3	S	02/04/2012
111					102	N Facing Sample Section (003) Colliery	N	02/04/2012
112					103	N Facing Sample Section (001) 20 m from West end HR3	N	02/04/2012
113					104	E Facing Sample Section (004)	E	02/04/2012
114					105	S Facing Sample Section (004) Crane Pad	S	02/04/2012
115					106	(Slot) Buried Topsoil (006) removed	ENE	02/04/2012
116					107	(Slot) Buried Topsoil (006) removed	E	02/04/2012
117					108	(Slot) Buried Topsoil (006) removed	NE	02/04/2012
118					109	Pre Ex [008] Pit, charcoal deposit (009)	N	02/04/2012
119					110	Pre Ex [008] Pit, charcoal deposit (009)	Above	02/04/2012
120					111	Pre Ex [008] Pit, charcoal deposit (009)	NW	02/04/2012
121					112	Post Ex [008] Pit, charcoal deposit (009)	N	03/04/2012
122					113	Post Ex [008] Pit, charcoal deposit (009)	Above	03/04/2012
123					114	Pre Ex [3023] (3014) TP3	S	03/04/2012
124					115	Mid Ex [3023] (3014) TP3	S	03/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
125					116	Pre Ex [3021] (3019) TP3	S	03/04/2012
126					117	Mid Ex [3021] (3019) TP3	S	03/04/2012
127					118	Pre Ex [3020] (3022) TP3	S	03/04/2012
128					119	Mid Ex 1/4 section [3020] (3022) TP3	S	03/04/2012
129					120	Mid Ex 1/4 section [3020] (3022) TP3 close up	N	03/04/2012
130					121	Mid Ex 1/4 section [3020] (3022) TP3 close up	E	03/04/2012
131					122	Pre Cleaning Shots TP3	E	10/04/2012
132					123	Pre Cleaning Shots TP3	E	10/04/2012
133					124	Pre Cleaning Shots TP3	S	10/04/2012
134					125	Pre Cleaning Shots TP3	N	10/04/2012
135					126	Pre Cleaning Shots TP3	NE	10/04/2012
136					127	Pre Cleaning Shots TP3	MW	10/04/2012
137					128	Pre Cleaning Shots TP3	NE	10/04/2012
138					129	Pre Cleaning Shots TP3	E	10/04/2012
139					130	Pre Cleaning Shots TP3	N	10/04/2012
140					131	Pre Cleaning Shots TP3	NE	10/04/2012
141					132	Pre Cleaning Shots TP3	NE	10/04/2012
142					133	Working Shot TP3	N	10/04/2012
143					134	Turbine Area (West End) TP3	N	10/04/2012
144					135	Turbine Area (Whole Area) TP3	NE	10/04/2012
145					136	Working Shot TP3	N	10/04/2012
146	5	3			137	Pre Ex [3012] Keyhole Feature	S	11/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
147	5	4			138	Pre Ex [3012](3025)[3007] NE Corner	S	11/04/2012
148	5	5			139	Pre Ex [3026](3027)[3011]	S	11/04/2012
149	5	6			140	Pre Ex [3034][3033][3032][3030][3035][3031]	S	11/04/2012
150	5	7			141	Pre Ex [3014][3037][3038][3039] NE Corner	S	11/04/2012
151	5	8			142	Pre Ex		11/04/2012
152	5	9			143	Pre Ex [3040][3042]		11/04/2012
153	5	10			144	Pre Ex of Possible Post-Hole [3041]	SSE	11/04/2012
154	5	11			145	Mid Ex of Possible Kiln/Pit [2012]	SE	11/04/2012
155	5	12			146	Mid EX of Possible Kiln/Pit with stones for lining [3012]	SE	11/04/2012
156	5	13			147	NW Facing Section of [3052](3025) linear	NW	11/04/2012
157	5	14			148	Post Ex 3052 linear	Above	11/04/2012
158	5	15			149	General Shot of Slot A through [3011]	Above	11/04/2012
159	5	16			150	NW Facing Section through [3011]	NW	11/04/2012
160	5	17			151	S Facing Section of Post-Hole [3041]	S	11/04/2012
161	5	18			152	S Facing Section of Post-Hole [3041]	S	11/04/2012
162	5	19			153	SW Facing Section of Post-Hole [3034]	SW	11/04/2012
163	5	20			154	SW Facing Section of Post-Hole [3034] (Better light)	SW	11/04/2012
164					155	[3040] - Natural Hollow Filled with silt - S Facing Section	S	11/04/2012
165	5	21			156	General Shot of Slot B through [3011]	NE	11/04/2012
166	5	22			157	Shot of SE Facing Section of [3011]	SE	12/04/2012
167	5	23			158	Shot of NW Facing Section through [3011]	NW	12/04/2012
168	5	24			159	N Facing Section of [3026][3029]	N	12/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
169					160	N Facing Section of [3026][3029]	N	12/04/2012
170					161	N Facing Section of [3026][3029]	N	12/04/2012
171	6	1			162	General Shot of [3026][3029] 1/2 Section	N	12/04/2012
172	6	2			163	General Shot of [3026][3029] 1/2 Section	E	12/04/2012
173	6	3			164	SW facing section through [3023](3014)	SW	12/04/2012
174	6	4			165	W end of [3012], Circular feature (Possible Kiln/Fire pit)	S	12/04/2012
175	6	5			166	E end of [3012], Linear feature part of flue for possible Kiln	S	12/04/2012
176	6	6			167	Shot of whole of [3012]	S	12/04/2012
177	6	7			168	Shot of whole of [3012] with scale in W end	S	12/04/2012
178	6	8			169	Shot of whole of [3012] with scale in E end	S	12/04/2012
179	6	9			170	S Facing 1/2 Section of Pit [3032]	S	12/04/2012
180	6	10			171	S Facing 1/2 Section of Pit [3032]	S	12/04/2012
181	6	11			172	E Facing 1/2 Section of Post-Hole [3031]	E	12/04/2012
182	6	12			173	Post Ex of Slot though [3048]	E	12/04/2012
183	6	13			174	Post Ex of Slot though [3048]	S	12/04/2012
184	6	14			175	S Facing Section through [3048][3049]	S	12/04/2012
185	6	15			176	N Facing Section through [3048]	N	12/04/2012
186	6	16			177	N Facing Section through [3020][3022]	N	12/04/2012
187					178	General shot from bund	N	12/04/2012
188					179	General shot from bund	N	12/04/2012
189					180	General shot from bund	N	12/04/2012
190					181	General shot from bund	N	12/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
191					182	General shot from bund	N	12/04/2012
192					183	General shot from bund	N	12/04/2012
193					184	General shot from bund	N	12/04/2012
194					185	General shot from bund	N	12/04/2012
195					186	General shot from bund	NE	12/04/2012
196					187	General shot from bund	NE	12/04/2012
197					188	General shot from bund	NE	12/04/2012
198					189	General shot from bund	NE	12/04/2012
199					190	1/2 Section of Natural Feature (3049)	W	12/04/2012
200					191	1/2 Section of Natural Feature (3049)	SW	12/04/2012
201	6	17			192	Pre Ex of N-S running linear [3013]	W	12/04/2012
202	6	18			193	E Facing 1/2 Section of [3030]	E	12/04/2012
203	6	19			194	NE Facing Section through Deposit (3027)	NE	12/04/2012
204	6	20			195	NE Facing Section of Post-Hole Cut [3063]	NE	12/04/2012
205	6	21			196	SW Facing Section of [3034][3036]	SW	12/04/2012
206	6	22			197	SW Facing Section of [3034][3036]	SW	12/04/2012
207	6	23			198	S Facing Section of Ditch [3017]	S	12/04/2012
208	6	24			199	N Facing Section of Ditch [3017]	S	12/04/2012
209	7	1			200	SE Facing 1/2 Section of [3045]	SE	13/04/2012
210	7	2			201	S Facing 1/2 Section of Post-Hole [3035]	S	13/04/2012
211	7	3			202	E Facing 1/2 Section of [3033]	E	13/04/2012
212					203	W Facing 1/2 Section of overburden (3047)	W	13/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
213	7	4			204	NE Facing 1/2 Section of Post-Hole [3037]	NE	13/04/2012
214					205	NE Facing 1/2 Section of Post-Hole [3037]	NE	13/04/2012
215	7	5			206	NE Facing 1/2 Section of Post-Hole [3037]	NW	13/04/2012
216	7	6			207	Pre Ex of [3073]	N	13/04/2012
217	7	7			208	Pre Ex of [3074]	E	13/04/2012
218	7	8			209	Pre Ex of [3028]	E	13/04/2012
219	7	9			210	S Facing 1/2 Section of [3044]	S	13/04/2012
220	7	10			211	S Facing 1/2 Section of [3028]	S	13/04/2012
221	7	11			212	E Facing Section of [3074]	E	13/04/2012
222					213	E Facing Section of [3074]	E	13/04/2012
223					214	E Facing Section of [3074]	E	13/04/2012
224					215	E Facing Section of [3074]	E	13/04/2012
225	7	12			216	S Facing Section of [3043]	S	13/04/2012
226	7	13			217	NE Facing Section of [3087]	NE	13/04/2012
227	7	14			218	Shot of Curvilinear [3087]	NW	13/04/2012
228	7	15			219	SW Facing Section [3083][3078][3077]	SW	13/04/2012
229	7	16			220	N Facing Section of [3073]	N	13/04/2012
230	7	17			221	Mid Ex of [3073]	N	13/04/2012
231					222	W Facing Section of [3046]	WNW	13/04/2012
232	7	18			223	W Facing Section of [3046]	WNW	13/04/2012
233	7	19			224	Mid Ex of [3046]	WNW	13/04/2012
234	7	20			225	ENE Facing 1/2 Section of [3084]	ENE	13/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
235	7	21			226	S Facing Section of [3039]	S	13/04/2012
236					227	Slot through [3007]	NW	13/04/2012
237					228	NE Facing Section though [3007]	NE	13/04/2012
238	7	22			229	Shot of possible Saddle Quern within Pit [3090]	S	13/04/2012
239					230	Shot of possible Saddle Quern within Pit [3090]	S	13/04/2012
240					231	General Post Ex Shot of Entire Area TP3	E	13/04/2012
241					232	General Post Ex Shot of Entire Area TP3	S	13/04/2012
242					233	General Post Ex Shot of Entire Area TP3	S	13/04/2012
243					234	General Post Ex Shot of Entire Area TP3	SW	13/04/2012
244					235	General Post Ex Shot of Entire Area TP3	S	13/04/2012
245					236	General Post Ex Shot of Entire Area TP3	SE	13/04/2012
246	8	1			1	Shot of S Facing Section of [3092]	S	24/04/2012
247	8	2			2	Shot of S Facing Section of [3094]	SW	24/04/2012
248	8	3			3	Shot of S Facing Section of [3096]	S	24/04/2012
249	8	4			4	Shot of S Facing Section of [3039]	S	24/04/2012
250	8	5			5	Shot of Section though [3007]	NE	24/04/2012
251	8	6			6	Slot through plough scar [3036]	SSE	24/04/2012
252	8	7			7	Pre Ex of [3098]	SW	24/04/2012
253	8	8			8	Pre Ex of [3100]	NW	24/04/2012
254	8	9			9	Shot of E facing section of [3026]	E	24/04/2012
255	8	10			10	SE Facing section of [3098]	SE	24/04/2012
256	8	11			11	SE Facing section of [3100]	SE	24/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
257	8	12			12	SE Facing section of [3100]	SE	24/04/2012
258	8	13			13	Post Ex of [3046]	W	24/04/2012
259	8	14			14	S Facing Section of [3102]	S	24/04/2012
260	8	15			15	N Facing Section of [3102]	N	24/04/2012
261	8	16			16	Post Ex [3073]	S	24/04/2012
262	8	17			17	Post Ex of [3030]	E	24/04/2012
263	8	18			18	Post Ex of [3045]	SE	24/04/2012
264	8	19			19	Post Ex of [3031]	SE	24/04/2012
265	8	20			20	Post Ex of [3043]	SE	24/04/2012
266	8	21			21	S Facing Section of [3103]	S	24/04/2012
267	8	22			22	Post Ex of [3020]	S	25/04/2012
268	8	23			23	Post Ex of [3044]	NE	25/04/2012
269	8	24			24	Post Ex of [3032]	N	25/04/2012
270	8	25			25	Post Ex of [3103]	S	25/04/2012
271	9	1			26	Post Ex of [3074]	S	25/04/2012
272	9	2			27	Post Ex of [3037] [3078] [3083]	ENE	25/04/2012
273	9	3			28	Post Ex of [3037] [3078] [3083]	N	25/04/2012
274	9	4			29	Post Ex of [3039]	N	25/04/2012
275	9	5			30	Post Ex of [3063]	E	25/04/2012
276	9	6			31	Pre Ex of [3051]	W	25/04/2012
277	9	7			32	General shot to south over linear ditch [3017]	N	25/04/2012
278	9	8			33	VOID	-	-

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
279	9	9			34	Shot of Post Ex [3035]	S	25/04/2012
280	9	10			35	VOID	-	-
281	9	11			36	Pre Ex of [3023]	SE	25/04/2012
282					37	Post Ex of [3065] and [3066]	SW	25/04/2012
283	9	12			38	Post Ex of [3065] and [3066]	SW	25/04/2012
284	9	13			39	Post Ex of [3034]	S	25/04/2012
285	9	14			40	Post Ex of [3084]	E	25/04/2012
286	9	15			41	Pre Ex	W	25/04/2012
287	9	16			42	Pre Ex	W	25/04/2012
288	9	17			43	Post Ex of [3096]	W	25/04/2012
289	9	18			44	Post Ex of [3092] on left and [3094] on right.	SW	25/04/2012
290	9	19			45	Post Ex of [3100]	SSE	25/04/2012
291	9	20			46	Post Ex of [3102]	N	25/04/2012
292	9	21			47	Post Ex of [3102]	N	25/04/2012
293	9	22			48	Post Ex of [3028]	E	25/04/2012
294	9	23			49	Post Ex of [3098]	SE	25/04/2012
295	9	24			50	Post Ex of [3041]		25/04/2012
296	10	1			51	Post Ex of [3011] North End	NE	25/04/2012
297	10	2			52	Post EX of [3011] South End	E	25/04/2012
298	10	3			53	Post Ex of Curvilinear [3087]	NE	25/04/2012
299	10	4			54	Post Ex of Pits [3026] and [3029]	NE	25/04/2012
300	10	5			55	Post Ex General Shot of South of Roundhouse.	SE	26/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
301	10	6			56	Post Ex General Shot of Site	SW	26/04/2012
302	10	7			57	Post Ex General Shot of Site	NE	26/04/2012
303	10	8			58	General Post Ex Shot of Roundhouse.	NE	26/04/2012
304	10	9			59	General Post Ex Shot of Roundhouse.	N	26/04/2012
305	10	10			60	General Post Ex Shot of Roundhouse.	N	26/04/2012
306	10	11			61	General Post Ex Shot of Roundhouse.	NW	26/04/2012
307	10	12			62	General Post Ex Shot of Roundhouse.	NW	26/04/2012
308	10	13			63	Post Ex of Western Half of Roundhouse.	SE	26/04/2012
309	10	14			64	Post Ex of Eastern Extent of Roundhouse.	E	26/04/2012
310	10	15			65	Post Ex Shot of Southern Extent of Roundhouse.	NE	26/04/2012
311	10	16			66	Post Ex Shot of [3048]	N	26/04/2012
312	10	17			67	Post Ex Shot of [3012]	SE	26/04/2012
313	10	18			68	Post Ex of [3025]	NW	26/04/2012
314	10	19			69	Pre Ex of [3105]	N	26/04/2012
315	10	20			70	Shot of linear feature [3107]	NNW	26/04/2012
316	10	21			71	Pre Ex of [3108]	NNW	26/04/2012
317	10	22			72	Pre Ex of [3110]	WSW	26/04/2012
318	10	23			73	Pre Ex of [3114]	WSW	26/04/2012
319	10	24			74	Pre Ex of [3116]	W	26/04/2012
320	11	1			75	Pre Ex of [3118]	W	26/04/2012
321	11	2			76	Pre Ex of [3121]	S	26/04/2012
322	11	3			77	Pre Ex of [3123]	S	26/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
323	11	4			78	Pre Ex of [3125], [3127] and [3129]	S	26/04/2012
324	11	5			79	Pre Ex shot of features in eastern side of crane pad.	N	26/04/2012
325					80	PR shot	NW	26/04/2012
326	11	6			81	Pre Ex of [3131]	NW	26/04/2012
327	11	7			82	Pre Ex of [3135] and [3133]	ENE	26/04/2012
328	11	8			83	Pre Ex of [3133] [3135] [3137].	NNW	26/04/2012
329	11	9			84	Shot of [3137], linear feature.	NNW	26/04/2012
330	11	10			85	General Shot of Features at E. End of Crane Pad.	S	26/04/2012
331					86	PR shot	SE	26/04/2012
332	11	11			87	Post Ex Shot of [3116]	E	26/04/2012
333	11	12			88	Post Ex Shot of [3114]	E	26/04/2012
334	11	13			89	Post Ex Shot of [3131]	S	26/04/2012
335					90	General Setting Shot	E	26/04/2012
336					91	General Setting Shot	NE	26/04/2012
337					92	General Setting Shot	NE	26/04/2012
338					93	General Setting Shot	ENE	26/04/2012
339					94	Working Shot	NE	26/04/2012
340					95	General Setting Shot	NW	26/04/2012
341					96	General Setting Shot	W	27/04/2012
342	11	14			97	W Facing Half Section of [3105]	W	27/04/2012
343	11	15			98	E Facing Section of [3127]	E	27/04/2012
344	11	16			99	W Facing Section of [3051]	W	27/04/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
345	11	17			100	Post Ex of [3118]	W	27/04/2012
346	11	18			101	W Facing Section of [3118]	W	27/04/2012
347	11	19			102	NW Facing Section of [3108]	NW	27/04/2012
348	11	20			103	NW Facing Section of [3108]	NW	27/04/2012
349	11	21			104	W Facing Section of [3133]	W	27/04/2012
350	11	22			105	Post Ex of [3135]	E	27/04/2012
351	11	23			106	E Facing Section of [3135]	E	27/04/2012
352	11	24			107	General shot of crane pad area west of roundhouse.	NW	27/04/2012
353					108	General shot of crane pad area west of roundhouse.	W	27/04/2012
354					109	General shot of crane pad area west of roundhouse.	NE	27/04/2012
355					110	General shot of area east of roundhouse.	NW	27/04/2012
356					111	General shot of area east of roundhouse.	SW	27/04/2012
357					112	General shot of area east of roundhouse.	N	27/04/2012
358					1	[3017] demonstrating build up of wind blown sand.	E	12/06/2012
359					2	As above.	N	12/06/2012
360					3	As above, with scale.	N	12/06/2012
361					4	General shot of roundhouse, western area, showing build up of wind blown sand.	NW	12/06/2012
362					5	General shot of roundhouse, showing build up of wind blown sand.	NNW	12/06/2012
363					6	General shot of roundhouse, eastern area, showing build up of wind blown sand.	N	12/06/2012
364					7	NE corner of turbine area, showing build up of wind blown	NW	12/06/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
						sand.		
365					8	Central pit, showing build up of wind blown sand.	NW	12/06/2012
366					9	Ring grooved slot in western half, showing build up of wind blown sand.	N	12/06/2012
367					10	General shot of roundhouse.	E	12/06/2012
368	12	34			11	Post-ex of [3105].	S	12/06/2012
369	12	35			12	Post-ex of [3108].	W	12/06/2012
370	12	36			13	Post-ex of [3114].	W	12/06/2012
371	13	1			14	Post-ex of [3118].	W	12/06/2012
372	13	2			15	Post-ex of [3116].	SSE	12/06/2012
373					16	Post-ex of [3116].	SSE	12/06/2012
374	13	3			17	Post-ex of [3127].	E	12/06/2012
375	13	4			18	General shot of features at east end of crane pad (post-ex).	S	12/06/2012
376					19	General shot of features at east end of crane pad (post-ex).	SW	12/06/2012
377	13	5			20	General shot of features at east end of crane pad (post-ex).	SW	12/06/2012
378					21	General shot of features at east end of crane pad (post-ex).	N	12/06/2012
379	13	6			22	General shot of features at east end of crane pad (post-ex).	NE	12/06/2012
380	13	7			23	Post-ex of [3131].	S	12/06/2012
381	13	8			24	Post-ex of [3155] and [3133].	NE	12/06/2012
382	13	9			25	Post-ex of [3137].	W	12/06/2012
383	13	10			26	Post-ex of [3137], [3155] and [3133].	SSE	13/06/2012
384	13	11			27	Post-ex of [3051].	W	13/06/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
385	13	12			28	N facing section of extended slot 1 through [2017].	N	13/06/2012
386	13	13			29	Post-ex of extended slot 1 through [3017].	W	13/06/2012
387	13	14			30	Post-ex of extended slot 1 through [3017].	S	13/06/2012
388	13	15			31	Post-ex of slot 2 through [3017].	S	13/06/2012
389	13	16			32	Post-ex of slot 2 through [3017].	W	13/06/2012
390	13	17			33	South facing section, slot 2 through [3017].	S	14/06/2012
391	13	18			34	North facing section, slot 2 through [3017].	N	14/06/2012
392	13	19			35	Post-ex of slot 3 through [3017].	S	14/06/2012
393	13	20			36	Post-ex of slot 3 through [3017].	W	14/06/2012
394	13	21			37	South facing section, slot 3 through [3017].	S	15/06/2012
395	13	22			38	North facing section, slot 3 through [3017].	N	15/06/2012
396	13	23			39	Post-ex of slot 4 through [3017].	W	15/06/2012
397	13	24			40	North facing section of slot 4 through [3017].	N	15/06/2012
398	14	25			41	South facing section of slot 4 through [3017].	S	15/06/2012
399	14	1			42	Post-ex of slot 4 through [3017].	S	15/06/2012
400	14	2			43	Post-ex of slot 5 through [3017].	S	15/06/2012
401	14	3			44	Post-ex of slot 5 through [3017].	W	15/06/2012
402	14	4			45	North facing section of slot 5 through [3017].	W	15/06/2012
403	14	5			46	South facing section of slot 5 through [3017].	S	15/06/2012
404	14	6			47	General shot of ditch [3017].	N	15/06/2012
405	14	7			48	General shot of ditch [3017].	S	15/06/2012
406					49	General shot of ditch [3017].	S	15/06/2012

Image No.	Print		Slide		Digital	Description	From	Date
	Film No.	Neg. No.	Film No.	Neg. No.				
407					50	General post-ex view of turbine 3, turbine pad.	SW	15/06/2012

Drawing Register

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer
001	01	T3 Pad	Section	1:10	W facing sample section (3001)	KS
002	01	T3 Pad	Section	1:10	S facing sample section (3001)	KS
003	01	Crane Pad 3	Section	1:10	S facing sample section (3001)	KS
004	01	Crane Pad 3	Section	1:10	S facing sample section (3001)	KS
005	01	Crane Pad 3	Section	1:10	S facing sample section (3001)	KS
006	01	Crane Pad 3	Section	1:10	S facing sample section (3001)	KS
007	02	HR 3	Section	1:10	S facing sample section (3001)	KS
008	02	HR 3	Section	1:10	S facing sample section (3001)	KS
009	02	HR 3	Section	1:10	S facing sample section (3001)	KS
010	02	HR 3	Section	1:10	S facing sample section (3001)	KS
011	02	HR 3	Section	1:10	S facing sample section (3001)	KS
012	03	HR 3	Section	1:10	N facing section through [008]	KS
013	03	HR 3	Plan	1:20	Pre ex plan [008]	KS
014	03	HR 3	Plan	1:20	Post ex plan [008]	KS
015	04	T3 Pad	Section	1:10	NW facing section [3052] (3052) LINEAR	KS
016	04	T3 Pad	Section	1:10	S facing section [3041]	CW
017	03	T3 Pad	Section	1:10	NW facing section of [3011]	CH

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer
018	04	T3 Pad	Section	1:10	SW facing section of posthole [3034]	KS
019	04	T3 Pad	Section	1:10	NNW facing section of [3011] Slot B	CH
020	04	T3 Pad	Section	1:10	SE facing section of [3011] Slot B	CH
021	05	T3 Pad	Plan	1:20	Mid ex plan of [3012]	PK
022	04	T3 Pad	Section	1:10	SW facing section of [3023] (3014)	KS
023	06	T3 Pad	Section	1:10	S facing section of [3012] (3053)	PK
024	04	T3 Pad	Section	1:10	S facing section of [3032]	CH
025	04	T3 Pad	Section	1:10	E facing section of [3031]	CH
026	06	T3 Pad	Section	1:10	N facing section of posthole [3020]	KS
027	04	T3 Pad	Section	1:10	E facing section of posthole [3030]	CH
028	06	T3 Pad	Section	1:10	N facing section of [3026] and [3029]	CW
029	06	T3 Pad	Section	1:10	N facing section of slot through [3048]	CW
030	06	T3 Pad	Section	1:10	S facing section of slot through [3048]	CW
031	04	T3 Pad	Section	1:10	NE facing section of posthole [3063]	CH
032		T3 Pad	Section	1:10	SW facing section of posthole [3038] [3066]	KS
033	04	T3 Pad	Section	1:10	SE facing section of posthole [3045]	CH
034	04	T3 Pad	Section	1:10	S facing section of [3044]	CH
035	07	T3 Pad	Section	1:10	S facing section of [3035]	CH
036	04	T3 Pad	Section	1:10	SW facing section of [3038]	KS
037	04	T3 Pad	Section	1:10	NE facing section of [3037]	KS
038	07	T3 Pad	Section	1:10	S facing section of [3028]	CH
039	06	T3 Pad	Section	1:10	S facing section of [3043]	PK
040	04	T3 Pad	Section	1:10	SW facing section of [3037][3083][3078]	KS

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer
041	07	T3 Pad	Section	1:10	ENE facing section of [3084]	CH
042	07	T3 Pad	Section	1:10	W facing section of [3046]	CW
043	07	T3 Pad	Section	1:10	N facing section of [3073]	CW
044	07	T3 Pad	Section	1:10	E facing section of [3074]	CW
045	-	-	-	-	-	-
046	07	T3 Pad	Section	1:10	S facing section of [3039]	PK
047	08	T3 Pad	Section	1:10	S facing section of [3092]	CH
048	08	T3 Pad	Section	1:10	SW facing section of [3094]	CH
049	08	T3 Pad	Section	1:10	S facing section of [3096]	CH
050	07	T3 Pad	Section	1:10	E facing section of [3026]	PK
051	07	T3 Pad	Section	1:10	SE facing section of [3098] and [3100]	CH
052	07	T3 Pad	Section	1:10	S facing section of [3102]	PK
053	08	T3 Pad	Section	1:10	S facing section of [3050]	PK
054	08	T3 Pad	Section	1:10	N facing section of [3050]	PK
055	08	T3 Pad	Plan	1:20	Post ex plan of linear ditch [3050]	PK
056	08	T3 Pad	Section	1:10	S facing section of [3103]	CH
057	09,10,11,12 ,13	T3 Pad	Plan	1:20	Post ex plan of features in Turbine 3 (5 sheets)	CH
058	14	T3 Pad	Section	1:10	S facing section of [3131]	CH
059	14	T3 Pad	Plan	1:20	Plan of [3131] half sectioned	CH
060	08	T3 Pad	Section	1:10	W facing section of [3116]	PK
061	08	T3 Pad	Plan	1:20	Plan of posthole [3116]	PK
062	08	T3 Pad	Section	1:10	W facing section of [3114]	PK

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer
063	08	T3 Pad	Plan	1:20	Plan of posthole [3114]	PK
064	08	T3 Pad	Section	1:10	Section of [3105]	CH
065	08	T3 Pad	Plan	1:20	Plan of half section of [3105]	CH
066	14	T3 Pad	Section	1:10	E facing section of [3127]	CW
067	14	T3 Pad	Plan	1:20	Plan of [3127]	CW
068	14	T3 Pad	Plan	1:20	Plan of [3051]	PK
069	14	T3 Pad	Section	1:10	W facing section of [3051]	PK
070	7	T3 Pad	Section	1:10	W facing section of [3118]	CW
071	7	T3 Pad	Plan	1:20	Plan of [3118]	CW
072	14	T3 Pad	Section	1:10	NW facing section of [3108]	CH
073	14	T3 Pad	Plan	1:20	Plan of [3108]	CH
074	14	T3 Pad	Section	1:10	W facing section of [3133]	PK
075	14	T3 Pad	Plan	1:20	Plan of [3133]	PK
076	14	T3 Pad	Section	1:10	E facing section of [3135]	CW
077	14	T3 Pad	Plan	1:10	Plan of [3135]	CW
078	15,16,17,18,19	T3 Crane	Plan	1:20	Post-ex plan of crane pad area (5 sheets)	CW & PK
079	20	T3 Crane	Section	1:10	S facing section of slot 2 through [3017]	CW
080	20	T3 Crane	Section	1:10	N facing section of slot 2 through [3017]	CW
081	21	T3 Crane	Section	1:10	N facing section of extended slot 1 through [3017]	PK
082	20	T3 Crane	Section	1:10	S facing section of slot 3 through [3017]	CW
083	21	T3 Crane	Section	1:10	N facing section of slot 3 through [3017]	PK
084	22	T3 Crane	Plan	1:20	Post-ex plan of slot 3 through [3017]	CW & PK

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer
085	23	T3 Crane	Section	1:10	N facing section of slot 4 through [3017]	PK
086	23	T3 Crane	Section	1:10	S facing section of slot 4 through [3017]	CW
087	24	T3 Crane	Plan	1:20	Post-ex plan of slot 5 through [3017]	CW & PK
088	23	T3 Crane	Section	1:10	S facing section of slot 5 through [3017]	CW
089	24	T3 Crane	Section	1:10	N facing section of slot 5 through [3017]	PK

Samples Register

Sample No.	Area / Trench	Context	Sample Type	Description / Quantity	Excavator	Date
1	HR3	009	2 x 10 L	Charcoal-rich silt under buried topsoil (006)/ Hillwash (010)	KS	04/03/2012
2	T3	3014	2 x 10 L	(3014) Fill of [3023] PH/ Pit	KS	04/03/2012
3	T3	3021	1 x 10 L	Fill of [3019] PH	KS	04/03/2012
4	T3	3022	1 x 10 L	Fill of [3020] PH	KS	04/11/2012
5	T3	3025	4 x 10 L	Fill of Linear [3052]	KS	04/11/2012
6	T3	3054	2 x 10 L	Fill of Linear [3011] Slot A	CH	04/11/2012
7	T3	3055	1 x Large Bag	Fill of Posthole [3041]	CW	04/11/2012
8	T3	3056	1 x Large Bag	Fill of Posthole [3034]	KS	04/11/2012
9	T3	3053	7 x 10 L	Fill of [3012], possible kiln/fire pit	PK	04/11/2012
10	T3	3054	2 x 10 L	Fill of [3011] Slot B	CH	04/12/2012
11	T3	3014	3 x 10 L	Fill of [3023] Pit, 1/2 section	KS	04/12/2012
12	T3	3022	1 x 10 L	Fill of [3020] Posthole, 1/2 section	KS	04/12/2012
13	T3	3053	2 x 10 L	Fill from slue in [3012] and (3053)	PK	04/12/2012
14	T3	3058	3 x 10 L	Fill of pit [3032]	CH	04/12/2012

Sample No.	Area / Trench	Context	Sample Type	Description / Quantity	Excavator	Date
15	T3	3059	1 x 10 L	Fill of posthole [3031]	CH	04/12/2012
16	T3	3060	2 x 10 L	Fill of curvilinear [3048] with charcoal flecks	CW	04/12/2012
17	T3	3068	1 x 10 L	Fill of possible posthole [3029]	CW	04/12/2012
18	T3	3061	1 x 10 L	Fill of possible posthole [3026]	CW	04/12/2012
19	T3	3062	1 x 10 L	Fill of [3030]	CH	04/12/2012
20	T3	3027	1 x 10 L	Sample of spread [3027]	CH	04/12/2012
21	T3	3064	1 x 10 L	Fill of posthole [3063]	CH	04/12/2012
22	T3	3065	4 x 10 L	Fill of posthole [3038][3066]	KS	04/12/2012
23	T3	3067	6 x 10 L	Fill of [3017]	PK	04/12/2012
24	T3	3070	1 x 10 L	Fill of posthole [3045]	CH	04/12/2012
25	T3	3071	1 x 10 L	Fill of posthole [3035]	CH	13/04/2012
26	T3	3044	2 x 10 L and 2 x Large Bag	Fill of posthole [3044]	PK	13/04/2012
27	T3	3069	10 x Large Bag	Fill of posthole [3037] (POT)	KS	13/04/2012
28	T3	3075	1 x 10 L and 1 x Large Bag	Fill of [4043]	PK	13/04/2012
29	T3	3076	1 x 10 L	Fill of [4028]	CH	13/04/2012
30	T3	3079	1 x 10 L	Fill of [3073]	CW	13/04/2012
31	T3	3080	2 x Large Bag	Fill of [3046] with charcoal flecks	CW	13/04/2012
32	T3	3081	1 x 10 L	Upper fill of [3074]	CW	13/04/2012
33	T3	3082	1 x Large Bag	Lower fill of [3074]	CW	13/04/2012
34	T3	3077	2 x Large Bag	Fill of [3078] [3083] (POT)	KS	13/04/2012
35	T3	3085	1 x 10 L	Fill within [3084]	CH	13/04/2012
36	T3	3089	1 x 10 L	Fill of post hole [3039]	PK	13/04/2012

Sample No.	Area / Trench	Context	Sample Type	Description / Quantity	Excavator	Date
37	T3	3093	2 x 10 L	Fill of pit [3092]	CH	13/04/2012
38	T3	3095	1 x 10 L	Fill of pit [3094]	CH	13/04/2012
39	T3	3081	2 x 10 L	Fill of pit [3029]	PK	24/04/2012
40	T3	3099	1 x 10 L	Fill of post hole [3098]. Contains charcoal and pottery.	CW	24/04/2012
41	T3	3101	1 x 10 L	Fill of pit [3100]	CH	24/04/2012
42	T3	3091	8 x 10 L	Fill of post hole [3102]	CH	24/04/2012
43	T3	3104	1 x 10 L	Fill of post hole [3103]	CH	25/04/2012
44	T3	3097	1 x 10 L	Fill of post hole [3096]	CH	25/04/2012
45	T3	3001	1 x 10 L	Control Sample - Topsoil.	PK	26/04/2012
46	T3	3003	1 x 10 L	Control Sample - Subsoil.	CW	26/04/2012
47	T3	3132	1 x 10 L	Fill of pit [3131]	CH	27/04/2012
48	T3	3106	1 x 10 L	Fill of post hole [3105]	CH	27/04/2012
49	T3	3117	2 x 10 L	Fill of post hole [3116]	PK	27/04/2012
50	T3	3115	1 x 10 L	Fill of post hole [3114]	PK	27/04/2012
51	T3	3128	1 x 10 L	Fill of [3127] No charcoal, may be natural.	CW	27/04/2012
52	T3	3138	1 x 10 L	Fill of post hole [3051], little charcoal.	PK	27/04/2012
53	T3	3119	1 x Large Bag	Fill of [3118]	CW	27/04/2012
54	T3	3109	1 x 10 L	Fill of [3108]	CH	27/04/2012
55	T3	3140	1 x Large Bag	Fill of [3108]	CH	27/04/2012
56	T3	3134	1 x 10 L	Fill of [3133]	PK	27/04/2012
57	T3	3136	1 x Large Bag	Fill of [3135]	CW	27/04/2012
58	T3	3067	2 x Large Bag	Fill from extension of slot 1 through [3017]	PK	13/06/2012
59	T3	3067	2 x Large Bag	Fill from slot 2 through [3017]	PK	13/06/2012

Sample No.	Area / Trench	Context	Sample Type	Description / Quantity	Excavator	Date
60	T3	3067	2 x Large Bag	Fill from slot 3 through [3017]	PK	14/06/2012
61	T3 Crane	3067	2 x Large Bag	Fill from slot 4 through [3067]	PK	14/06/2012
62	T3 Crane	3067	2 x Large Bag	Fill from slot 5 through [3067]	PK	15/06/2012

Finds Register

Find No.	Area/ Trench	Context No.	Material Type	Description	Excavator	Date
001	T3	3001	Ceramic	x 1 handmade brick/tile.	KS	26/03/12
002	T3	3001	Stone	x 1 burnt flint (core worked?); x 1 worked flint flake	KS	26/03/12
003	T3	3001	Slag	x 2 slag	KS	26/03/12
004	T3	3001	Ceramic	x 2 glazed white earthenware.	KS	26/03/12
005	T3	3002	Ceramic	x 1 glazed white earthenware (blue/white transfer printed).	KS	27/03/12
006	T3	001	Ceramic	x 1 modern frogged brick.	KS	27/03/12
007	-	-	-	Void	-	-
008	T3	001	Metal	x 31 Fe nails; x 1 stainless steel fork.	KS	27/03/12
009	T3	001	Slag	x 1 slag	KS	28/03/12
010	-	-	-	Void	-	-
011	T3	001	Metal	x 1 Fe sleeve/bracelet (Modern)	KS	28/03/12
012	T3	003	Glass	x1 clear glass bottle (20th century).	KS	02/04/12
013	HR3	006	Shell	x 1 oyster Shell	KS	02/04/12
014	HR3	006	Ceramic	x 2 prehistoric Pottery.	KS	02/04/12
015	TP3	3054	Ceramic	x 1 glazed white earthenware (blue/white transfer printed).	CH	12/04/12
016	TP3	3014	Ceramic	x 1 glazed white earthenware.	KS	12/04/12

Find No.	Area/ Trench	Context No.	Material Type	Description	Excavator	Date
017	HR3	Unstrat	Glass	x 1 bottle glass of slag.	KS	12/04/12
018	TP3	3069	Ceramic	x 1 prehistoric ceramic.	KS	13/04/12
019	TP3	3077	Ceramic	x 1 prehistoric ceramic.	KS	13/04/12
020	TP3	3001	Stone	x 1 microlithic flint.	KS	13/04/12
021	T3	3091	Other	x 1 concrete.	KS	13/04/12
022	T3	3091	Ceramic	x 9 prehistoric ceramic.	KS	13/04/12
023	T3	3061	Bone	x 1 animal bone.	CW	13/04/12
024	T3	3091	Stone	x 1 fragmentary saddle quern.	KS	13/04/12
025	T3	3091	Ceramic	x 2 prehistoric ceramic.	PK	24/04/12
026	T3	3099	Ceramic	x 1 prehistoric ceramic.	CW	24/04/12
027	T3	3091	Ceramic	x 3 prehistoric ceramic (inc x 1 rim).	PK	24/04/12
028	T3	3091	Ceramic	x 1 prehistoric ceramic.	PK	24/04/12
029	T3	3091	Ceramic	x 1 prehistoric ceramic.	PK	24/04/12
030	T3	3091	Ceramic	x 1 prehistoric ceramic.	PK	24/04/12
031	T3	3091	Stone	x 1 worked stone.	PK	24/04/12
032	T3	3091	Ceramic	x 10 Prehistoric ceramic (adjoining)	PK	24/04/12
033	T3	3058	Stone	x 1 flint.	CW	24/04/12
034	-	-	-	Void	-	-
035	T3	3091	Ceramic	x 25 Prehistoric ceramic (inc. x 8 rim; x 1 shoulder	CW	25/04/12
036	T3	3091	Stone	x 1 worked stone; x 1 quartz pebble	CW	25/04/12
037	T3	3101	Ceramic	x 9 prehistoric ceramic (inc. x 1 rim)	CH	25/04/12
038	T3	3097	Glass	x 1 modern glass.	CH	25/04/12
039	T3	3099	Ceramic	x 3 prehistoric ceramic.	CH	25/04/12

Find No.	Area/ Trench	Context No.	Material Type	Description	Excavator	Date
040	T3	3061	Ceramic	x 2 brown glazed red earthenware (adjoining)	CW	25/04/12
041	T3	3053	Ceramic	x 1 fragment of possible daub.	PK	11/04/12
042	T3	3152	Ceramic	Prehistoric fragments x 30 (inc 2 rim)	PK	12/06/12

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