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Archaeological Evaluation Works on the Dounreay Site

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SUMMARY:

Headland Archaeology undertook a series of archaeological investigations in advance of construction of new low level radioactive waste facilities (NLLWF) adjacent to Dounreay, Highlands. The work carried out included a series of evaluation trenches across the development area amounting to 6% of the total area and full hand excavation of Site 36, a small grass covered mound.

The evaluation of 141 trenches across the site resulted in the identification of a single small pit that was thought to be a disturbed cist. A number of linear features were also recorded although these were mostly either natural fault lines or drainage channels. Excavation of Site 36 revealed a substantial circular cairn of interleaving stone slabs 10 m in diameter standing to a maximum height of 0.65 m. Within the cairn was a single stone-lined cist that on excavation was found to have been disturbed. No evidence of human remains or any significant artefacts were recorded within the cist.

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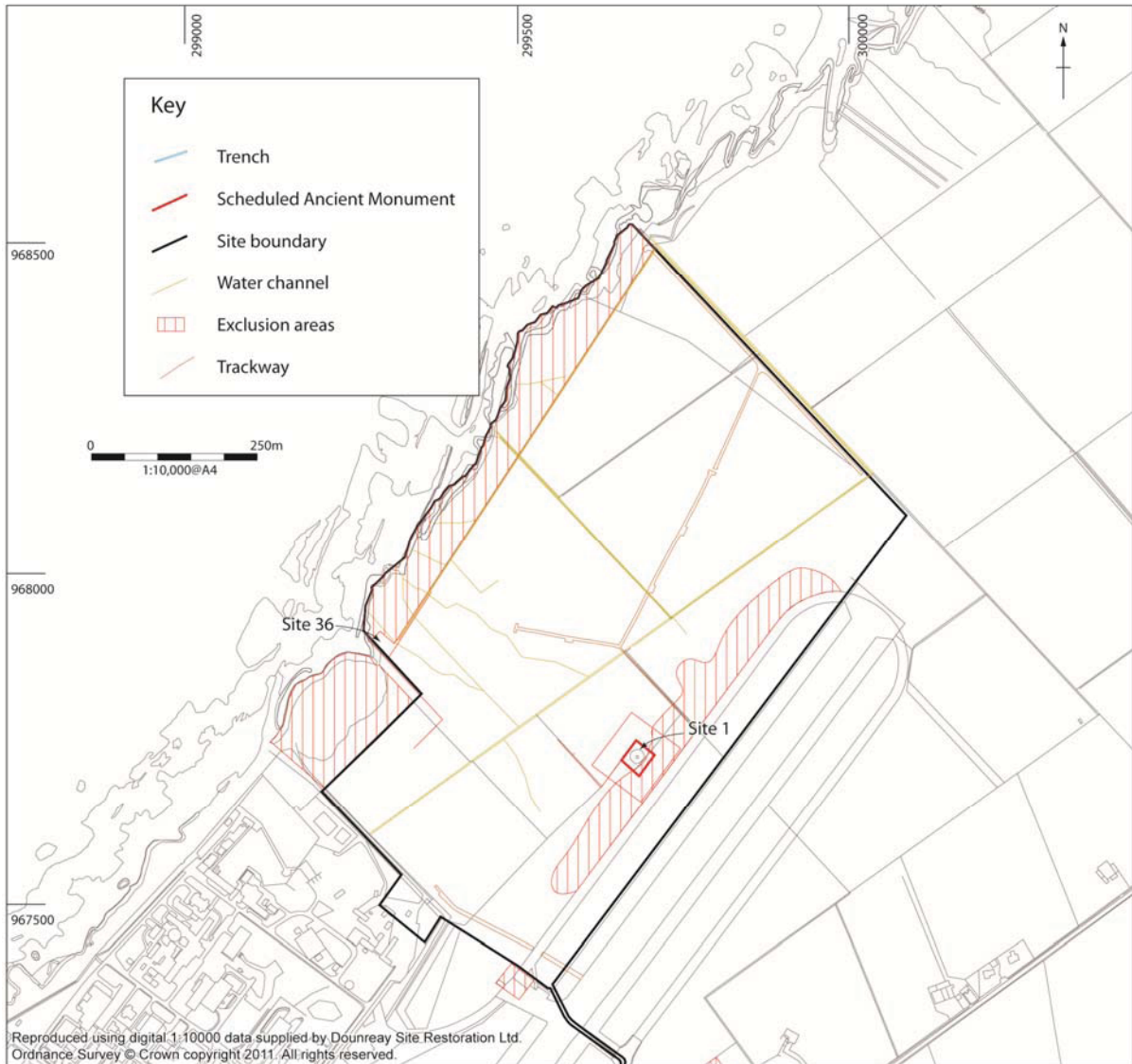
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Ilus 1 – Site location plan

1 INTRODUCTION

- 1 Headland Archaeology (UK) Ltd was commissioned by Dounreay Site Restoration Ltd (Ref-NLLWF/3/REP/DSR/0537/IS/01) to undertake a programme of archaeological works in advance of construction of the proposed new disposal facilities for solid low level waste on ground to the immediate northeast of the Dounreay nuclear licensed site (**illus 1**). The work was undertaken in order to satisfy a planning condition set by Highland Council (Planning Reference 06/00373/FULCA).
- 2 A specification based on a Written Scheme of Investigation produced by Jacobs Babbie and approved by Highland Council Archaeology Unit (HCAU) formed the basis for these works. The archaeological works outlined in the planning condition comprised:
 - The protection of Site 1, Cnoc Na H Uiseig, a Scheduled Ancient Monument, from construction and operation impacts by means of erecting a buffer fence
 - The evaluation of Site 36, a small grass-covered mound previously identified during scoping work
 - Trial trenching evaluating c. 6% of the area that may be impacted by development.
- 3 Following the evaluation of Site 36 revealing the mound to be a prehistoric burial cairn, a further phase of work was undertaken involving full, hand excavation of the mound. The work was conducted in accordance with a Written Scheme of Investigation prepared by Headland Archaeology and agreed with HCAU.

2 TOPOGRAPHY AND GEOLOGY

- 4 The site is located adjacent to the Dounreay nuclear licensed site. The site lay on a coastal plain at the northern limits of the Scottish mainland, approximately 30 m from the shoreline. The land is used for rough grazing of cattle and sheep but there is also some improved grassland. A redundant airfield traverses the site to the south.
- 5 The topography of this section of the coastline is relatively flat with a gentle slope ($\sim 2^\circ$) between 10 m and 20 m OD. The site is located immediately to the north of the catchment of a stream known both as the Mill Lade and the Dounreay Burn. The land is bisected by a complex network of drainage channels in the lower, northern half of the site. In addition to drains, field boundaries were demarcated by walls formed from rows of upright stone slabs.
- 6 The solid geology comprises Mid-Devonian Dounreay Siltstone (BGS 2010) that forms as large laminated layers of stone forming the rocky coastline. The superficial geology is formed by the Broubster and Forse tills, both reddish sandy clays.

3 ARCHAEOLOGICAL BACKGROUND

- 7 An Environmental Statement for the proposed development was undertaken in 2005 by Jacobs Babbie (Rees 2005). A total of nine sites of archaeological significance were identified within the site boundary largely comprising cairns, structures and modern buildings. One site was of National significance: Site 1, Cnoc-Na H Ueseig (HER: MHG 2479, NMRS: NC 96 NE 6) and the remainder were of local significance. Cnoc-Na H Ueseig is a Scheduled Ancient Monument comprising a chambered cairn. The cairn was excavated in 1928 and the remains of five individuals were identified along with pottery and other artefacts. The monument now consists of a grassy mound that has been mutilated by large-scale construction work and is now slightly rectangular in shape, measuring 22.0 E-W and 17.5 m transversely by about 2.5 m high. The monument is located on the southeastern extent of the site and a stock proof post and wire fence encloses it. An additional buffer zone by means of a high visibility fence is now protecting the monument from further construction works.
- 8 In addition to the aerial photographic assessment, a desk-based assessment and walkover survey undertaken as part of the preparation of the Environmental Statement, additional ground investigations, associated with the site characterisation process have taken place. A programme of works for the proposed new LLW Facilities project was initiated in 2006. As a component of this programme four trenches were excavated across the site to facilitate investigation of the shallow geology. During this investigation an archaeological watching brief was conducted by Jacobs Babbie (Brossler 2006). The watching brief identified little evidence to indicate archaeological activity within the evaluated area. Two ditches, indicative of land drainage to produce pastoral agricultural land for sheep, were identified. A lack of dating evidence from the ditches meant that their significance could not be determined.
- 9 A surface geophysical survey was also conducted in 2007 as part of the site characterisation programme. The focus of this investigation was to further the understanding of the geological structure of the site and no archaeological data was derived. Following discussions with Historic Scotland a seismic survey line, undertaken during this investigation, was re-positioned to avoid the Cnoc Na H'Uiseig Chambered Cairn.
- 10 The area around the proposed development has a rich diversity of archaeological and historical monuments dating from the Neolithic period through to the 20th century. A comprehensive field survey undertaken by Mercer (1981) across the wider area led to the listing of many of the sites now catalogued in the National Monuments Records of Scotland (NMRS). Further to this Kirkdale Archaeology (Ewart and Dunn 1998) undertook archaeological monitoring on ground breaking works within and around the site of Dounreay Castle (HER: MHG 2515). No significant finds were made although a brief survey review of the castle was undertaken during this work.
- 11 The earliest known features include three cairns situated within or very close to the development area. Beyond the southern limits of the development area a further three chambered cairns are listed on the NMRS (ND06NW 5, 10 and 11) all of which are thought to be of the same Orkney-Cromarty group of chambered cairns. A significant number of stone cairns listed on the NMRS are also to be found in the wider area, two of which were identified in the

- Environmental Statement (Jacobs 2005), (Site 8 - NC96NE 40 and Site 21 - ND06NW 48). In fact between the airfield runway and the main road to the south three cairns are listed on the NMRS, the two listed above and ND06NW 49 located closer to the road. Although no definitive dates are known for these three cairns, given their similarity to the known prehistoric burial cairns recorded in the surrounding area, there is a strong probability that these are further examples of these features. Further cairns and cists are recorded to the west side of the nuclear facility with a possible cemetery site listed close to Lower Dounreay Farm (NC96NE 3), although little definitive information is known of the site. A second site (NC96NE 4) with a considerable bone assemblage was destroyed in the 19th century by a local farmer. To the east of the development site a further two cairns have been recorded on the headland (ND06NW 19 and 23) close to the scheduled broch site of Green Tullochs (SMR 554, ND06NW 18). One of these cairns (ND06NW 19) was excavated in 1871 and found to contain a cist along with human remains although no date for this is known.
- 12 Other prehistoric remains identified in the area include two sets of stone rows (ND06NW 6 and 8) close to Upper Dounreay along with further cairns (ND06NW 14). Other features of considerable archaeological significance across the area are the surrounding Broch sites. These include the Scheduled Monuments of Green Tullochs (SMR 554, ND06NW 18) and Knock Urray (HER: MHG 2517, NC96NE 16) close to Lower Dounreay along with the site of Achbuiligan Tulloch (NC96NE 17) found further to the south. A fourth possible broch site is listed in the NMRS close to Upper Dounreay (NC96NE 18) although this no longer survives as a visible monument.
- 13 Little in the way of medieval remains has been recorded in the surrounding area with Dounreay Castle being the main focus of the later period monuments. The castle (HER: MHG 2515, NC96NE 2) is a scheduled monument (SMR 6401) that dates to the 16th century and is known to have housed Cromwellian troops in the mid-17th century. It is now in a ruinous state. Various sheep folds, walls and structures are also listed on the NMRS and are mainly of 18th and 19th century origin. One of the more modern features in the area is the WWII airfield (NC96NE 87) which has become one of the main features in the landscape close to the development site. Construction of the airfield and its ancillary buildings were started in 1942 and finally completed in 1944 although it did not see active service during WWII. The site was later encroached upon by the construction of the nuclear power station (HER: MHG 749, NC96NE 78) in 1955. Much of the surrounding area is now farm land used for both agriculture and pasture with some areas left fallow. The land within the development site has been used as rough grazing land, probably due to its wet and boggy nature.

4 METHODS

4.1 Objectives

Trial Trenching

14 The general aim of the trial trenching was to gather sufficient information to establish the presence/ absence, extent, condition, depth, character, quality and date of any archaeological deposits in order to establish the impact of the development on the archaeological resource.

15 More specific aims and objectives were:

- to identify, investigate and record the presence or absence of any archaeological remains known or unknown to the extent possible by trial trenching
- To clarify the date, character and extent of those remains
- to determine (so far as possible) the stratigraphic sequence and dating of the deposits or features identified
- to establish any ecofactual and environmental potential of archaeological deposits and features, and
- to provide recommendations for any further mitigation measures if required

Excavation of Site 36

16 The objectives of the excavation of the mound (Site 36) were as follows:

- To preserve by record archaeological remains threatened by the proposed development works
- To undertake an appropriate level of analysis and reporting to meet the requirements of the Planning Authority

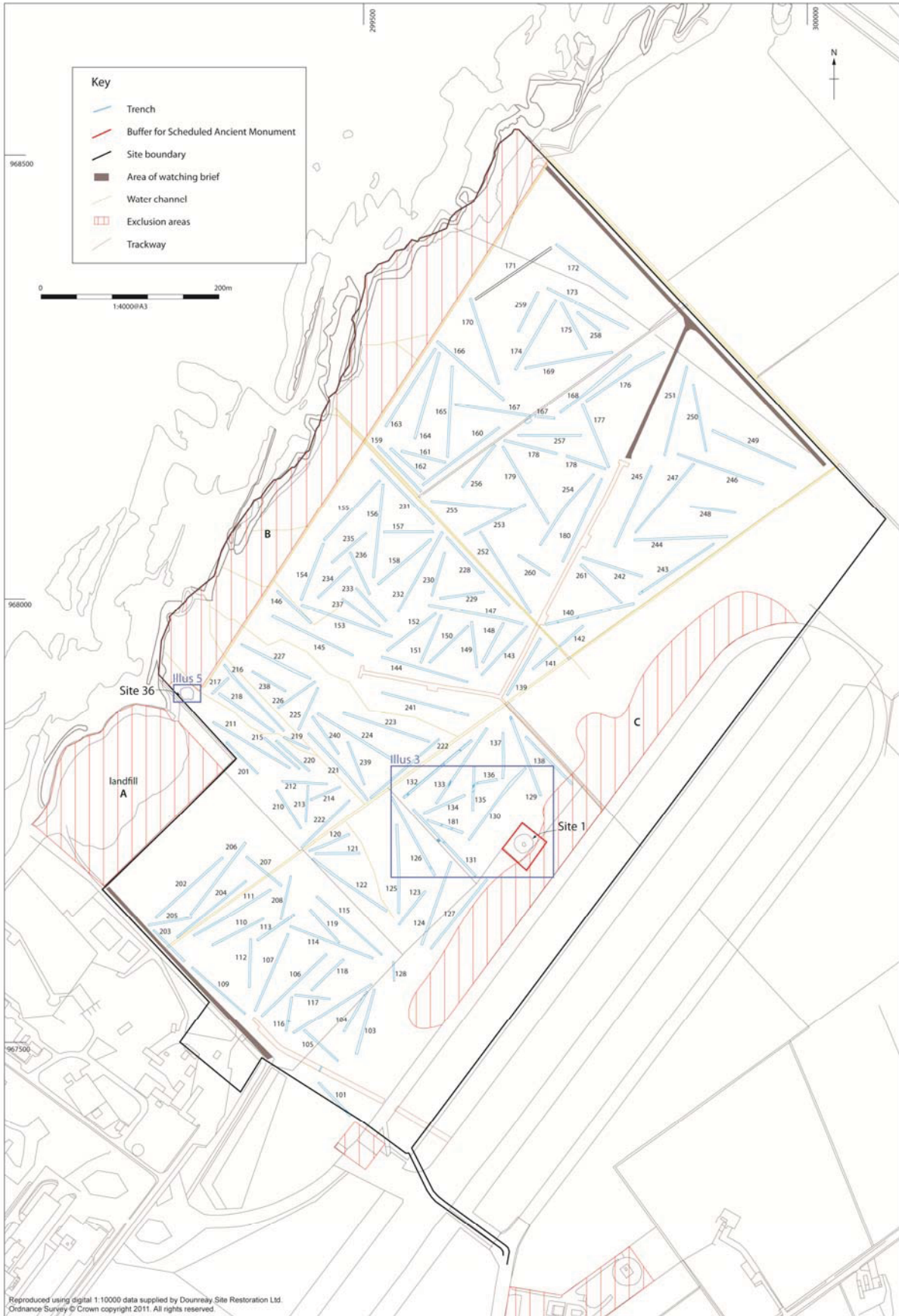
Buffering of Site 1

17 The objective of erecting a buffer zone around Scheduled Ancient Monument Cnoc Na H Ueseig (Site 1) was principally to highlight its location during construction to prevent any inadvertent machine or other damage to the site and its environs.

4.2 Methodology

Trial Trenching

18 A total of 6% of the site was sampled by trial trenching (**Illus 2**). This equated to trial trenches totalling an area of 21, 370 m². An indicative trench plan and site boundary limits were agreed with Highland Council Archaeology Unit (HCAU) prior to work commencing on the site, although there was scope within the WSI to alter this plan as required by conditions on the ground.



Illus 2 – Trench location plan

- 19 Three separate areas were excluded from the evaluation (see **Illus 2**). The first of these (area A) to the north-west of the site was due to the area being covered in a large mound of deposited soil. Area B, a 50 m wide zone along the coastline was excluded due to protection of the ecology and specifically the location of a protected plant species. The final exclusion zone (Area C) along the edge of the runway was due to previous disturbance of the ground in this area.
- 20 A further two areas to the northeast and southwest of the site were stripped of topsoil under direct archaeological supervision for the creation of access roads. The total area stripped was 4160 m² (see **Illus 2**). This watching brief was undertaken prior to the evaluation phase of works and with the written scheme of investigation agreed in advance by HCAU. No significant archaeology was recorded during this phase.
- 21 All excavation was undertaken by two 16 ton tracked excavators equipped with 2 m wide flat ditching buckets, which were used to remove topsoil under direct archaeological control. Excavation continued until either clean geological sediments or significant archaeological deposits were encountered. The resulting surfaces were hand cleaned where necessary and investigated for archaeological features. All identified features were investigated by hand and recorded. A full record of the trenches can be found in Appendix 1.
- 22 All recording followed Headland Archaeology standard procedures and was in accordance with the codes of practice of the Institute for Archaeologists (IfA). All trenches and contexts were given unique numbers and all recording was undertaken on pro forma record cards that conform to accepted archaeological norms. All stratigraphic relationships were recorded. A complete list of the contexts can be seen in Appendix 3.
- 23 A full photographic record using colour slide and colour print film, supplemented by digital photographs was taken to record archaeological contexts and to illustrate the progress of the trial trenching. A graduated metric scale was clearly visible in record photographs of contexts. All photographs were recorded by individual print number and included information on the context and direction taken.
- 24 A condition survey was carried out prior to, and after the trial trenching. This consisted of a photographic record of the area prior to trenching, and after backfilling had been completed. A site record was kept, detailing the ground conditions and the weather, as well as any instances of land use by persons other than the archaeological staff.
- 25 An overall site plan at an appropriate scale and relative to the National Grid was recorded by digital survey using a dGPS.

Excavation

- 26 An area including the entire mound and a surrounding buffer zone of 2 m beyond all archaeological features was de-turfed and topsoil removed by hand. The entire cairn surface was hand cleaned to allow the detailed recording of the structure in plan. This was achieved by hand drawing at an appropriate scale (1:20) and photography. Subsequently the cairn was fully hand excavated. Initially the excavation and recording of the structure was undertaken within two

- opposing quadrants (Quadrants 1 and 3) in order to allow the full recording of two full sections through the mound.
- 27 Following removal of the two initial quadrants and recording of the section (by hand drawing at 1:10 and photograph). The remaining two quadrants (Quadrants 2 and 4) were fully excavated. This strategy was undertaken in order to help identify and expose any significant features or structural features that may have been present.
- 28 Following the removal of the cairn structure, the sub-cairn surface (believed to be an old ground surface) was fully investigated and sampled. The cist recorded beneath the cairn and associated cut was also fully hand excavated, recorded (by hand drawing at 1:10, EDM survey and photograph) and heavily sampled with the primary fill of the cist being 100% sampled. The old ground surface was fully removed to allow inspection of geological deposits and identification of further archaeological features.
- 29 All recording was undertaken in accordance with IfA standards and guidance. All contexts, small finds and environmental samples were given unique numbers and all recording was undertaken on *pro forma* record cards.
- 30 Colour transparency and print photographs were taken and recorded in a photographic register. Record shots of archaeological contexts had a metric scale visible. Digital photographs were taken to illustrate the progress of the excavation and provide working shots. All photographs were recorded by individual print number and included information on the context and direction taken.
- 31 An overall site plan was recorded using Total Station survey and related to the National Grid. Hand-drawn plans of individual features at a scale of 1:20 were drawn where appropriate. Sections and elevations were drawn at 1:10 where appropriate.
- 32 A comprehensive sampling strategy was undertaken on all deposits identified as archaeologically significant in order to identify any environmental material and small finds (e.g. bone, pottery etc.). Bulk samples were taken from deposits for wet sieving and flotation. A targeted selection of samples taken on site have been processed and assessed with the results and recommendations for any further work included in this report. A full list of the samples taken can be found in Appendix 5.
- 33 Where waterlogged deposits were encountered (such as peat) appropriate sampling techniques were employed so as to maximise the environmental information gained from such deposits. Specialist advice on soil formation processes will be sought where necessary.
- 34 All artefacts retrieved during the excavations were catalogued and are subject to standard Treasure Trove procedures. Finds were processed and stored appropriately, according to established archaeological guidelines. A finds assessment and report will be included in this report.

Buffering of Site 1

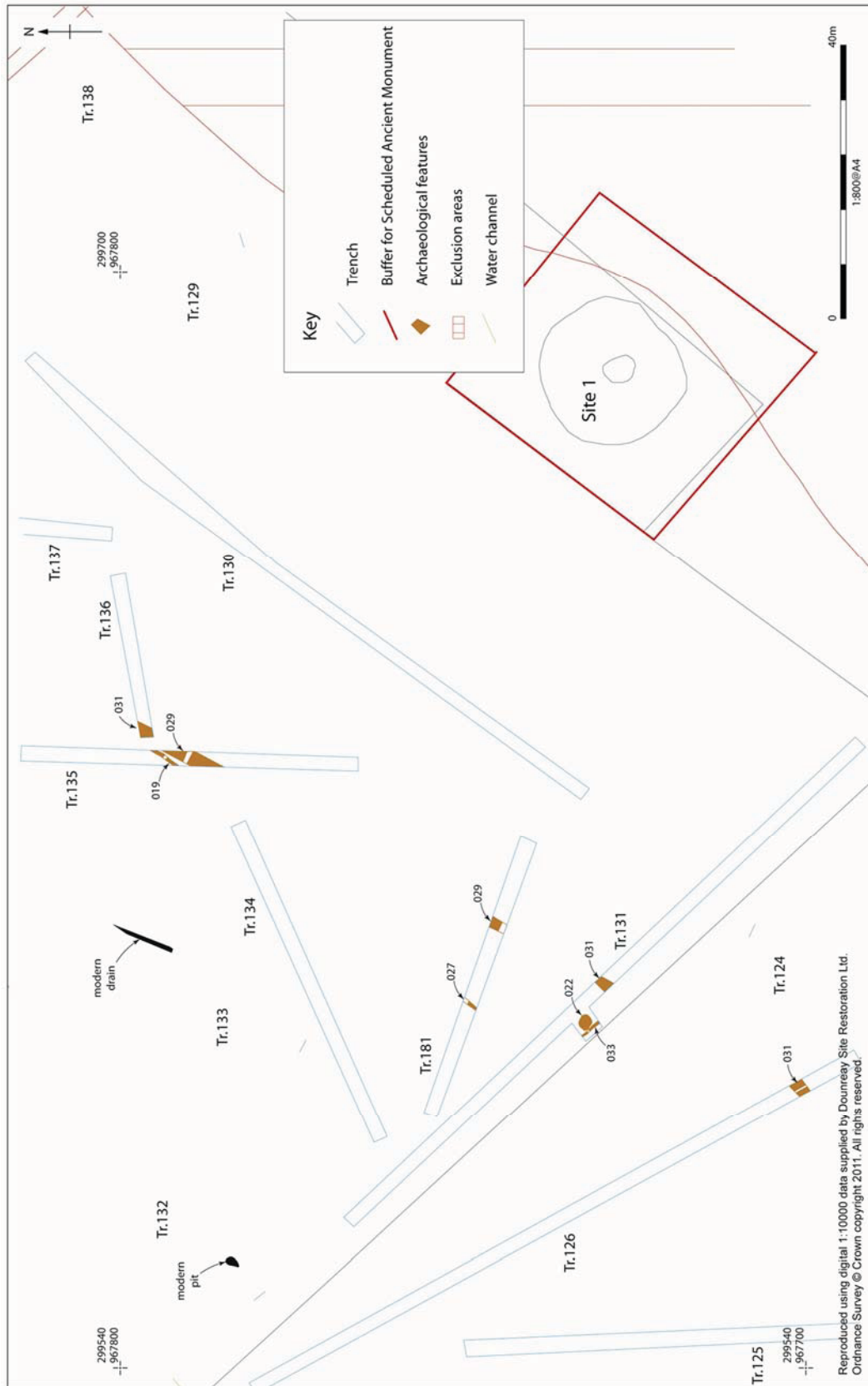
- 35 A buffer zone was erected around Site 1 (SAM). The buffer zone measured approximately 50m from the centre of the cairn. In order for the fence to last though the construction period, stock proof post and wire fencing was used. In

order to ensure that the fence is of 'high visibility' a sufficient number of warning sites were placed on the fence. For additional high visibility posts were marked with fluorescent yellow using waterproof paint.

5 RESULTS

5.1 Trial Trenching

- 36 A total of 142 trenches, equalling 10, 685 linear meters, were excavated within the area to be tested (**Illus 2**). Full descriptions of each trench can be found in Appendix 1. Results are summarised below.
- 37 The trenches ranged in length from 50m to 100 m, and had on average 0.1–0.2 m of topsoil overlying 0.1–0.2 m of subsoil, a blackish brown clayey silt. The underlying geological subsoil consisted of greyish brown sandy clay with large areas of exposed bedrock throughout the site.
- 38 Out of the 142 trenches excavated, only six (Trenches 126, 131, 135–6, 171, and 181) contained archaeological features. The remaining trenches were either archaeologically sterile or contained field drains and/or pits of recent date. Trenches 127 and 128 also contained made ground with heavy animal burrow bioturbation suggesting this area had previously been disturbed.
- 39 Within Trench 126 a linear feature [031] aligned roughly northeast-southwest and measuring c. 1.9 m in width was recorded. It had near vertical sides and was filled with yellowish orange silty clay containing a large concentration of medium to large stones [032]. This feature continued within Trenches 131, 181, 135, and 136 to the northeast as context [029].
- 40 A further linear feature [033] was uncovered, running approximately north-south, within Trench 131 (**Illus 3**). It measured 0.36 m wide with a depth of 0.12 m, and was filled by a dark brown sandy silt [035], overlain by a yellow stone-rich clay [034].
- 41 Sub-circular Pit 022 (**Illus 3**) was located immediately adjacent to the linear feature [033] and measured 2.1 m by 1.75 m and had a depth of 0.54 m. The pit had a flat base with steep sides and was stepped to the north and east (**Illus 4**). The main fill of the pit, a dark brown sandy clay [025], contained a concentration of large (maximum 0.6 m by 0.6 m), flat stones [026] which may have formed a rectangular structure in the middle of the pit at one point. This was overlain by a patchy layer of yellow sand [024], which in turn was overlain by dark brown clayey silt [023].
- 42 A small circular feature [036], measuring 0.18 m in diameter with a depth of 0.05 m was located directly to the north of Pit 022 and to the east of the linear feature [033]. It was filled with dark brown sandy silt [037], and may represent a possible posthole associated with Pit 022 or the linear cut 033.
- 43 Linear feature 027 was located within Trenches 181 and 135 (see **Illus 3**), running approximately northeast-southwest. It had steep sides with an uneven base and measured 0.64 m in width, with a depth of 0.24 m. A grey sandy clay with occasional small stone inclusions [028] was the only fill of the feature.
- 44 Running parallel to Linear feature 027 was a further linear cut [029], which was located within Trenches 181, 135, and 136 (see **Illus 3**). It measured approximately 1.45 m wide, and excavation of the feature stopped at a depth of 0.65 m without encountering the base. This cut [029] was filled with yellow sand with a high concentration of stone [030], and appeared to be re-deposited natural.



Illus 3 – Detail of trenches and Site 1

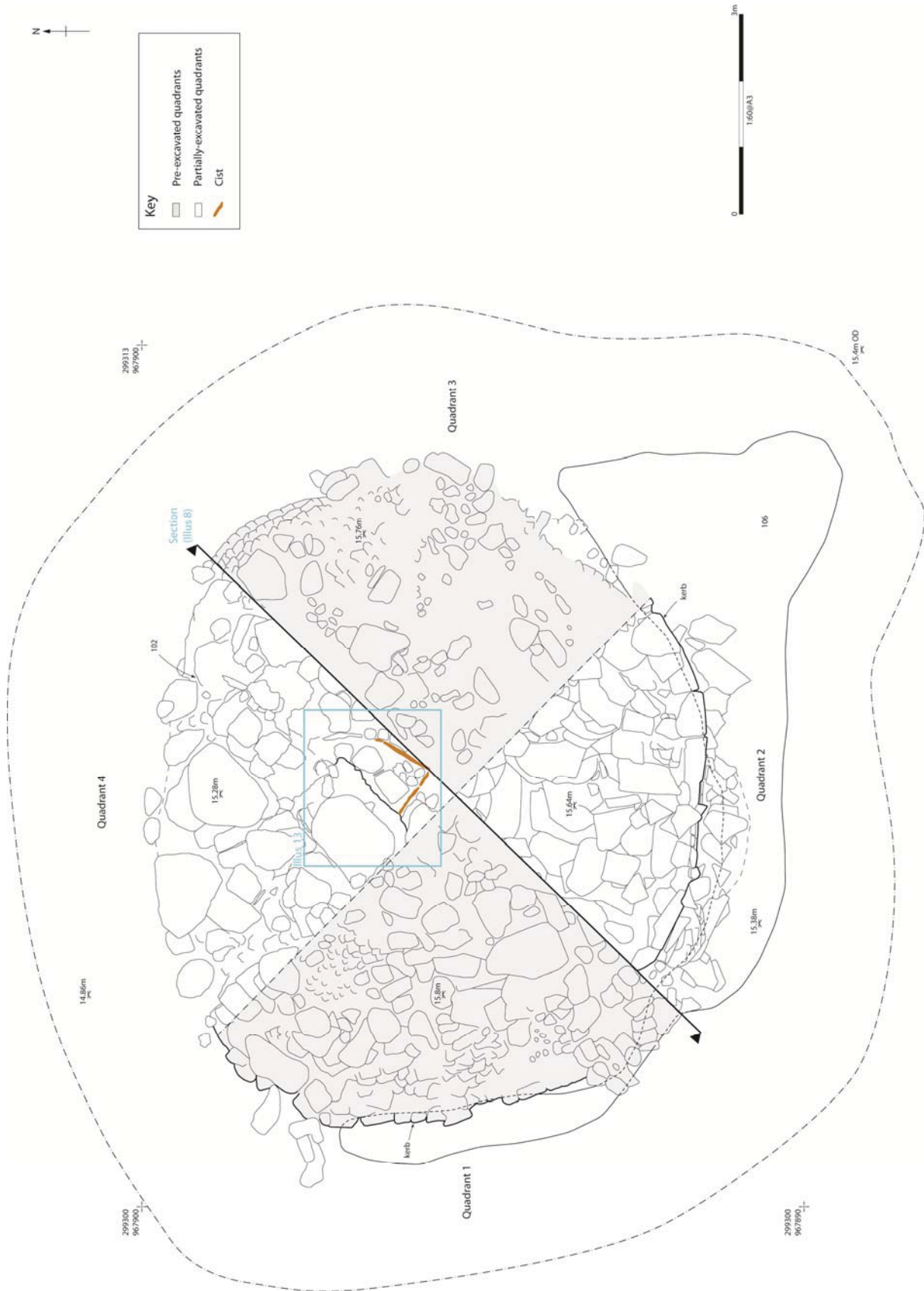


Illus 4 – NW facing section of Pit 022

- 45 An earth dyke, running NNW-SSE but turning towards a more east-west alignment towards the coast, was located within Trench 171. It measured 4.2 m in width with a maximum above ground height of 0.5 m.
- 46 A small stone clearance cairn [021] was located adjacent to Trench 167, measuring 7 m by 4 m. Excavation of this feature was stopped when confectionary wrappers were discovered near the base, and it was evident that this was a modern feature.
- 47 A linear hedgerow ditch [010] was uncovered during the watching brief strip to the southwest of the site. The ditch was aligned northeast-southwest and measured 1 m in width with a maximum depth of 0.17 m. It had shallow sides and an uneven base, and was filled with dark brownish black clayey silt [011].

5.2 Palaeoenvironmental Sample Assessment

- 48 Seven samples were processed from those taken during the evaluation for palaeoenvironmental assessment. The samples were taken from a large oval feature together with two linear features discovered during the evaluation. The assessment aims to look at what the palaeoenvironmental potential of the material is and what evidence this material is showing us for the activities which once took place at the site.



Illus 5 – Plan of cairn

Method

- 49 Samples were processed in laboratory conditions using a standard flotation method (*cf.* Kenward *et al.*, 1980). All plant macrofossil samples were assessed using a stereo-microscope at magnifications of x10 and up to x100 where necessary to aid identification

Results

- 50 The results of the sample processing are provided in Tables 1 (Retent finds) and 2 (Flotation finds). Unfortunately no material suitable for Accelerated Mass Spectrometry (AMS) dating was present in the samples, with two samples being archaeologically sterile. All plant remains were preserved through charring.

Plant remains

- 51 Charcoal fragments were the only plant material to come out of the samples, with a small number of small-sized (<1cm) fragments present in four samples (002, 008, 011 and 012). No fragments were found that were suitable for AMS dating.

Other finds

- 52 The only other material present in the samples was a small quantity of coal within Sample 013, which may be natural.

Discussion

- 53 Unfortunately very little material was recovered from the samples, which provides scant information on any activities taking place at the site. The charcoal fragments present in four of the samples (see Tables 1 and 2) are all of a small-size (<1cm) and thus may represent background activity rather than any related to the site. For example charcoal fragments blown in by the wind from elsewhere in the region.

Context no.	Sample no.	Feature	Sample V (l)	Charcoal		Coal	Comments
				qty	Max Size (cm)		
24	2	Secondary fill of oval feature [022]	5	–	–	–	Archaeologically sterile
25	6	Stone slabs lining oval feature [022]	2	+	<1	–	Charcoal not retained
28	8	Fill of shallow linear [027]	5	+	<1	–	Charcoal not retained
24	10	Secondary fill of oval feature [022]	10	–	–	–	Archaeologically sterile
25	11	Tertiary/basal fill of oval feature [022]	5	+	<1	–	Charcoal not retained

Context no.	Sample no.	Feature	Sample V (l)	Charcoal		Coal	Comments
				qty	Max Size (cm)		
25	12	Tertiary/basal fill of oval feature [022]	10	–	–	–	Archaeologically sterile
30	13	Fill of linear feature [028]	10	–	–	+	Coal not retained

Key: + = rare, ++ = occasional, +++ = common and ++++ = abundant

NB charcoal over 1cm is suitable for identification and AMS dating

Table 1 – Retent sample results

Context no.	Sample no.	Feature	Total flot V (ml)	Charcoal qty	Charcoal max size (cm)	Material available for AMS	Comments
024	002	Secondary fill of oval feature [022]	<10	–	–	–	Archaeologically sterile
025	006	Stone slabs lining oval feature [022]	<10	–	–	–	Archaeologically sterile
028	008	Fill of shallow linear [027]	<10	–	–	–	Archaeologically sterile
024	010	Secondary fill of oval feature [022]	10	–	–	–	Archaeologically sterile
025	011	Tertiary/basal fill of oval feature [022]	<10	–	–	–	Archaeologically sterile
025	012	Tertiary/basal fill of oval feature [022]	15	+	0.1	–	–
030	013	Fill of linear feature [028]	<10	–	–	–	Archaeologically sterile

Key: + = rare, ++ = occasional, +++ = common and ++++ = abundant

NB charcoal over 1cm is suitable for identification and AMS dating

Table 2 – Flotation sample results

5.3 Excavation of Site 36

54 Site 36 comprised a large circular mound approximately 10 m diameter and standing to a maximum preserved height of 0.65 m (15 m OD) (**Illus 5**). The stone cairn was formed of poorly sorted interleaving layers of large flagstones, predominantly of the local Dounreay Siltstone and most likely sourced from the immediate vicinity where this stone is abundantly available. Below the cairn was a single stone-lined cist located slightly off-centre that cut into the natural clay/bedrock.

The cairn

- 55 A 0.25 m thick layer of turf/topsoil covered the cairn (**Illus 6**) comprising a dark brown clayey silt [100] that continued beyond the limit of the cairn. Around the edges of the cairn and below the turf layer a 0.12 m thick layer of grey/orange sandy silt [106] was revealed that extended to almost 3 m beyond the south-eastern limit of the cairn (**Illus 7**). This deposit seemed to form a sealing layer around the lower edge of the cairn on its southern half and was clearly seen in the western end of the N facing section (**Illus 7 & 8**).
- 56 The cairn itself comprised several layers of poorly sorted interleaving horizontal flagstone slabs [102] (**Illus 8 & 9**) measuring up to 1 m x 0.7 m x 0.1 m. Within the voids of the stone slabs a loose mid-brown sandy clay matrix [101] was recorded. It did not form a cohesive or compact layer and may be remnants of soil that had slowly percolated down through the flagstones although it was distinct from the overlying topsoil and was recorded throughout the cairn. A single small flint flake (small find 001) was recovered from this material within Quadrant 2 of the cairn. Also within the cairn small patches of yellowish orange clayey sand [107] were recorded above and immediately to the west of the underlying cist. This material had probably been imported during the backfilling of the cist after it had been robbed out. A second small patch of orange/brown compacted clay [108] was also recorded above the cist and again was thought to have originated from the backfilling of the robbed out cist. At no point in the excavations until the capstone of the cist was revealed was there any evidence that the cist had previously been disturbed. This was probably due to the predominance of large slabs in the cairn that once replaced masked any earlier activity.



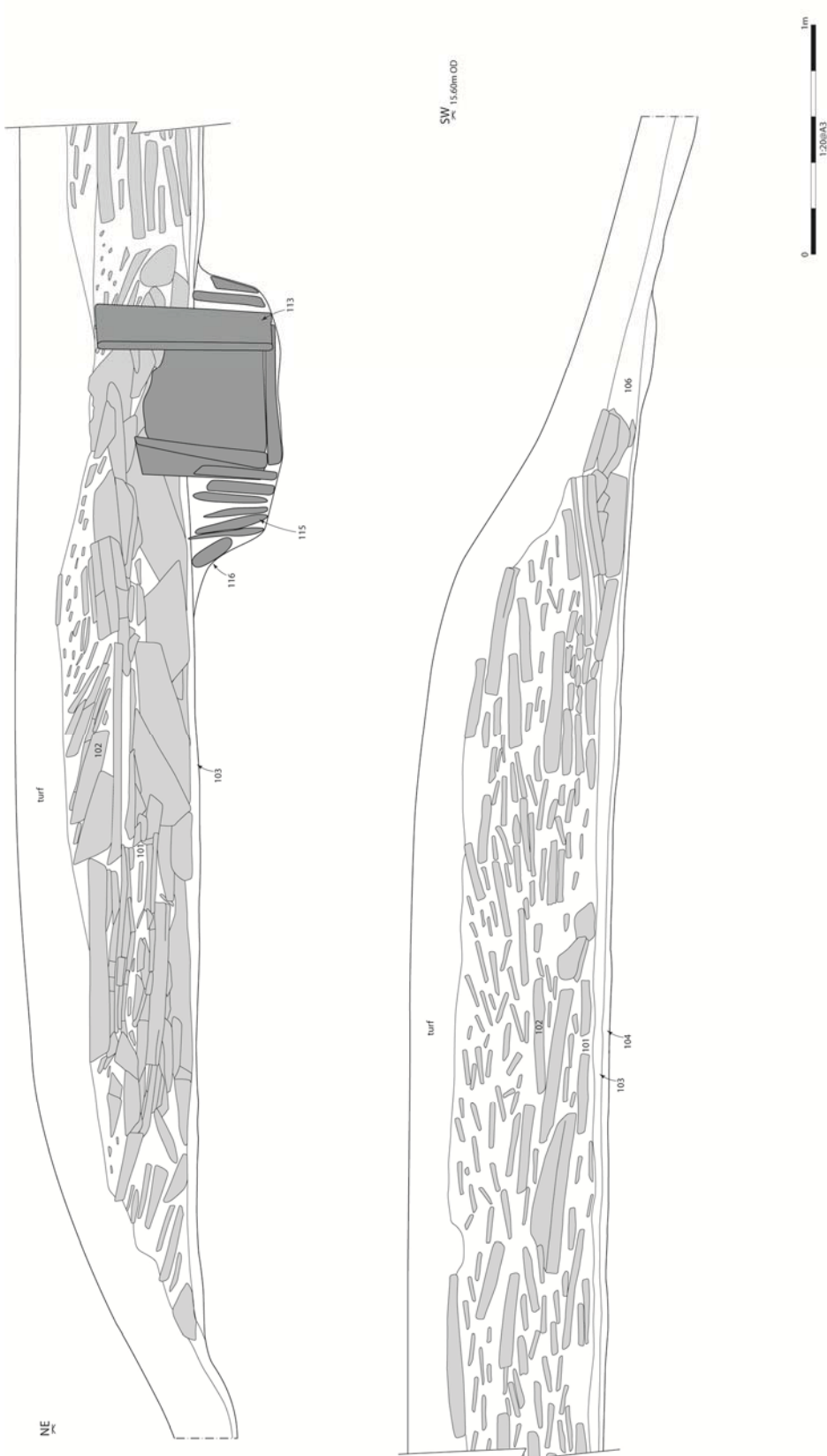
Illus 6 – View of de-turfed cairn facing north



Illus 7 – View of east facing section of cairn

- 57 On the southern side of the cairn the construction of the stones seemed to form a distinct kerb along its outer edge (**Illus 10**), the stones in this kerb being smaller than the large slabs seen in the main construction of the cairn. This kerb did not form a continuous boundary to the cairn being less distinct on the north and west sides where the overlying layer of orange sandy silt [106] was more prominent. On the north-western side of the cairn a small number of stones projected from the edge of the cairn (**Illus 11**). Whether these could be described as horns is conjectural as they did not seem to form a coherent or regular shape. Of some possible significance was the fact that the ground level

beyond the northern limit of the cairn dropped away significantly forming a fairly steep but shallow slope. This was considered to be the formation of a natural dip in the underlying geology rather than a purposely cut ditch.



Illus 8 – Composite section of cairn showing cist



Illus 9 – View of Quadrant 1 showing the partially excavated cairn

The Cist

- 58 Below the stone slabs of the cairn was a single stone-lined cist [113] (**Illus 12–17**). The cist was not centrally placed within the cairn but was set slightly to the north-eastern quadrant. The section through the cairn revealed that the slab stones closest to the cist were placed at increasingly inclined angles, from almost vertical stones resting against the upright cist slabs, gradually reducing to horizontal stones at the outer edges of the cairn.
- 59 The cist comprised a series of four large upright stone slabs forming a large almost trapezoidal shaped cist aligned roughly E-W with a flagstone capstone and base (**Illus 14**). The capstone [112] was set N-S across the W end of the cist (**Illus 14 & 15**) revealing that the cist must have been disturbed in antiquity. This disturbance also probably resulted in the northern side slab being damaged. This stone had originally been 0.8 m x 0.56 m in size and 0.05 m thick but had subsequently broken in two. The opposing side slab was 1.3 m long and 0.7 m high with the western end extending significantly beyond the end slab. The eastern end slab measured 0.66 m x 0.7 m and was placed so the side slabs rested on its inner face. The opposing end slab to the west was slightly smaller being 0.46 m x 0.46 m with the inner faces of the side slabs resting on its edges. The internal dimensions of the cist were 1.10 m E-W x 0.66 m N-S at the east end and 0.44 m at the west end.



Illus 10 – View of kerb stones in Quadrant 2 facing NW



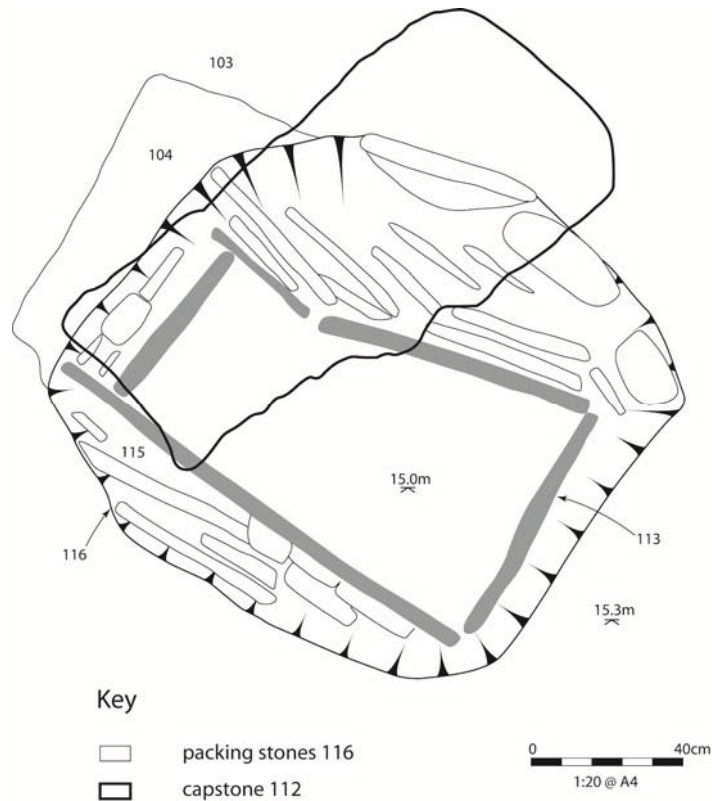
Illus 11 – Partial excavation of Quadrant 1 showing the stone extension projecting from the edge of the cairn



Illus 12 – View of the cist with the cairn removed, facing south

- 60 The upper of the two fills [110] within the cist comprised soft mid-brown sandy silt 0.4 m deep with frequent sub-angular flagstone fragments and occasional large rounded boulders (see **Illus 15**). This fill is likely to represent material backfilled into the cist after it had been disturbed, although could still represent material originally placed within the cist. Below this was a shallow layer of soft mid-grey silt [111] that formed the primary fill of the cist. This fill seemed relatively undisturbed although no human remains or artefacts were recovered from it during the excavation.
- 61 A number of flagstones and sub-rounded boulders [117] within the cut of the cist formed the packing stones for the cist slabs (**Illus 16**). These packing stones were more prominent on the sides of the cist and were sat in a mid-grey clay

(115) fill recorded around the edges of the base of the cut. The sub-rectangular cut [116] for the cist was cut through the natural clay and on the western side partially cut into the natural bedrock (**Illus 17**). The cut measured 1.4 m x 1 m with rounded corners and vertical sides 0.28 m deep leading to a slightly sloping to uneven base.



Illus 13 – Plan of the cist showing the capstone and cut

Buried Soil Deposits

- 62 Two distinct layers were recorded at the base of the cairn (**Illus 8 & 18**). The upper layer [103], immediately below the flagstones of the cairn, comprised a spread of yellow/brown clay up to 0.12 m thick but generally 0.05 m. This layer was recorded across the base of the cairn and seemed to be cut by the cist suggesting it was laid down prior to the insertion of the cist. Below this was a very distinct black clayey silt layer [104] up to 0.05 m thick. This silt was very compact and again was recorded over large areas of the base of the cairn. Although both these surfaces were hand cleaned no significant tool or plough marks were recorded within them. This may be due to the compression impacted upon them by the overlying stones as these left large uneven undulations in the two basal layers. A number of small patches of particularly dark silt [105] were also recorded within layer [103] that seemed to contain very small charcoal flecks. These small patches were probably part of layer [104] that had been exposed through the upper layer [103] due to the compression and truncation by the overlying stones. This base layer lay over a deposit of natural alluvial clay that in turn sat over the bedrock.



Illus 14 – View of the cist with capstone as excavated



Illus 15 – Pre-excitation of the cist



Illus 16 – View of the cist showing packing stones and base slab



Illus 17 – Post excavation shot of the cist



Illus 18 – West-facing section of Quadrant 1 showing layers 103 and 104

5.4 Palaeoenvironmental Sample Assessment

63 Fifteen samples were processed from those taken during the excavation of Site 36 for palaeoenvironmental assessment. The samples were taken from the cist feature. The assessment aims to look at what the palaeoenvironmental potential of the material is and what evidence this material is showing us for the activities which once took place at the site.

Method

64 Samples were processed in laboratory conditions using a standard flotation method (*cf.* Kenward *et al.*, 1980). All plant macrofossil samples were assessed using a stereo-microscope at magnifications of x10 and up to x100 where necessary to aid identification

Results

65 The results of the sample processing are provided in Tables 3 (Retent finds) and 4 (Flotation finds). Three samples (22, 41 and 43) were found to be archaeologically sterile. All plant remains were preserved through charring.

Plant remains

66 Charred cereal grain was present in only one sample (Sample 45) with hulled a single barley grain (*Hordeum vulgare*) recorded. A culm node fragment was found in sample 31. Wild taxa was found in ten samples and included grasses (*Poaceae* sp.) in seven samples (19, 23, 37, 45, 46, 52 and 53), bramble (*cf. Rubus*) in two samples (23 and 54), corn spurry (*Spergular arvensis*) in three samples (24, 46 and 52), sedges (*Carex* sp.) in two samples (26 and 52) and mustards (*Brassica* sp.) in sample 24.

67 Charcoal fragments were in nine of the fifteen of the samples processed (19, 23, 24, 31, 37, 39, 45, 53 and 54). Two fragments were of were possible grasses (Samples 19 and 37), one resembled charred root material (Sample 24) and four of the fragments (Samples 23, 45, 53 and 54) were non-oak. The majority of the fragments were very small (less than 1cm²) with only two

samples (19 and 45) containing fragments of a suitable size and condition for AMS dating (see Table 4).

68 No other finds were recovered from the processed samples.

Recommendations

- There is sufficient charcoal from Context 105 and 106 (associated with the stone cairn 102) for AMS dating if required. Identification of the species represented would need to be undertaken prior to dating.
- The low level domestic recovered from the samples is unlikely to relate to the original function of the features and as such further analysis of the finds recovered would be of very little interpretative value.

Context no.	Sample no.	Feature	Sample V (l)	Charcoal		Material available for AMS Dating	Comments
				qty	Max Size (cm)		
105	19	Silt layer below Cairn [102]	5	+	1	Charcoal +	–
101	22	Fill from within Cairn [102]	2	–	–	–	Archaeologically sterile.
108	23	Probable disturbance layer.	10	–	–	–	Archaeologically sterile.
107	24	Probable disturbance layer.	5	+	0.5	–	–
101	26	Fill from within Cairn [102]	10	–	–	–	Archaeologically sterile.
101	31	Fill from within Cairn [102]	5	+	<0.5	–	Charcoal not retained.
103	37	Clay layer below Cairn [102]	5	–	–	–	Possible unidentified metallic object present.
103	39	Clay layer below Cairn [102]	2	+	<0.5	–	Charcoal not retained.
104	41	Silt layer below Cairn [102]	2	–	–	–	Archaeologically sterile.
104	43	Silt layer below Cairn [102]	2	–	–	–	Archaeologically sterile.
106	45	Sandy clay layer overlying stone edge of Cairn [102]	2	++	1	Charcoal ++	–
104	46	Silt layer below Cairn [102]	2	–	–	–	Archaeologically sterile.
111	52	Basel fill of Cist [113]	10	–	–	–	Archaeologically sterile.
110	53	Probable backfill layer from Cist [113]	10	+	<0.5	–	Charcoal not retained.
115	54	Fill of cut for Cist [113]	10	–	–	–	Archaeologically sterile.

Key: + = rare, ++ = occasional, +++ = common and ++++ = abundant

Context no.	Sample no.	Feature	Sample V (l)	Charcoal		Material available for AMS Dating	Comments
				qty	Max Size (cm)		

NB charcoal over 1cm is suitable for identification and AMS dating

Table 3 – Retent sample results

Context no.	Sample no.	Feature	Total flot V (ml)	Cereal grain		Charcoal		Comments
				<i>Hordeum vulgare</i>	Other plant remains	qty	Max size (cm)	
105	19	Silt layer below Cairn [102]	<10	–	Poaceae sp. +, Charred straw +	++	0.2	Charcoal is possible grasses
101	22	Fill from within Cairn [102]	<10	–	–	–	–	Archaeologically sterile
108	23	Probable disturbance layer.	50	–	Poaceae sp. +++, cf. <i>Rubus</i> sp. +, charred grass fragments ++	+	0.5	Charcoal is non-oak
107	24	Probable disturbance layer.	100	–	<i>Spergular arvensis</i> +, cf. <i>Brassica</i> sp. +	+	0.3	Charcoal resembles charred root material.
101	26	Fill from within Cairn [102]	25	–	<i>Carex</i> sp. +	–	–	–
101	31	Fill from within Cairn [102]	<10	–	Culm node +	–	–	–
103	37	Clay layer below Cairn [102]	<10	–	Poaceae sp. +	++	0.2	Charcoal is possible grasses
103	39	Clay layer below Cairn [102]	<10	–	–	–	–	Archaeologically sterile
104	41	Silt layer below Cairn [102]	<10	–	–	–	–	Archaeologically sterile
104	43	Silt layer below Cairn [102]	–	–	–	–	–	Archaeologically sterile
106	45	Sandy clay layer overlying stone edge of Cairn [102]	–	+	Poaceae sp. +	+	0.1	Charcoal is non-oak
104	46	Silt layer below Cairn [102]	<10	–	<i>Spergular arvensis</i> +, Poaceae sp. +	–	–	–
111	52	Basel fill of Cist [113]	15	–	<i>Spergular arvensis</i> +, <i>Carex</i> sp. +, Poaceae sp. +	–	–	–
110	53	Probable backfill layer from Cist [113]	<10	–	Poaceae sp. +	++	0.3	Charcoal is non-oak
115	54	Fill of cut for Cist [113]	10	–	Poaceae sp. +, cf. <i>Rubus</i> sp. +	++	0.8	Charcoal is non-oak

Key: + = rare, ++ = occasional, +++ = common and ++++ = abundant

NB charcoal over 1cm is suitable for identification and AMS dating

Table 4 – Flotation sample results

5.5 Finds Assessment

- 69 The finds include a flint flake and a sample of stone from the cairn material, listed in Table 5.
- 70 The small, undiagnostic, flint flake was found within the cairn material. It is likely to be prehistoric, although the decline in lithic technology at the latter end of this period (Humphrey 2004) suggests it most probably dates no later than the Bronze Age. The honey-brown colour of the flint is common in secondary deposits throughout much of Scotland. Flint has also been recorded at in the nearby shelly tills of Thurso river, Dunbeath Water, Forso Water, Wick Bay and Scrabster harbour (Wickham-Jones 1986, illus 1; Wickham-Jones and Collins 1977-8, 10-11), although it is potentially from a nearer un-noted secondary source.
- 71 The sample of cairn material is sandstone, almost certainly locally sourced. The differential weathering indicates that at some point it was partially exposed. The high level of abrasion is to be expected at a coastal site which afforded little shelter.

Quadrant	Context	SF no.	Material	Qty	Object	Description	Spot Date
2	101	1	Lithics	1	Flint	Flake; inner; honey brown flint; broken; small and irregular; hard hammer	PH
-	Cairn Material	3	Stone	1	Sandstone	Large roughly block shaped, weathered on two faces	-

Table 5 – Finds catalogue

6 DISCUSSION

- 72 There was a distinct lack of dating evidence from the majority of the features excavated during the trial trenching, and any finds that were recovered were of a modern date. The modern made ground which was discovered within Trenches 127 and 128, suggests that the size of the area previously disturbed is larger than previously thought.
- 73 The linear features (027, 029, and 031) located within Trenches 126, 131, 135, 136, and 181 (**Illus 3**) may be natural formations. They appear to run along the lines of known geological fault lines, and their sides do not show any tool marks while cutting through bedrock, suggesting that they were naturally formed.
- 74 The pit [022], possible posthole [036], and linear feature [033] located within Trench 131 (**Illus 3**) are all undated. The linear feature is located parallel and close to a modern field boundary and may represent an earlier boundary ditch. The stones within Pit 022 (**Illus 4**) appeared to form a rectangular structure and may have formed a trough or possibly a small cist. However, it was heavily disturbed and it is impossible to be certain of what, if anything, they formed. The possible posthole [036] located next to the pit may be contemporary, although its function is also unknown.
- 75 The close proximity of these features to the chambered cairn *Cnoc-na-h 'Uiseig* which is a Scheduled Monument (Mon ID 444), may suggest that these are contemporary, however no dating evidence was recovered. The relative lack of any archaeological features away from the cairn would suggest that any activity in the area was localised around that area.
- 76 The recovery of palaeoenvironmental remains was generally low. The most commonly identified element was wood charcoal, albeit in low quantities. One carbonised cereal grain was recovered from Sample 45 taken from a layer (106) situated over the outer edges of the stone cairn (102) which is thought to relate to final phase of the cairn construction. The paucity of remains and poor preservation of the grain and charcoal indicates that it had been exposed to, and moving around on, the surface for a period of time before being blown and/or washed into the sampled deposits.
- 77 There is evidence of grass burning with a large number of charred grass seeds recovered from the samples; this may be a modern activity to make the land more accessible for farming. The wild taxa, corn spurry, mustards, brambles and sedges could also point to weeds growing in farmland which could have been burnt.
- 78 The excavation of Site 36 revealed that the cairn was fairly substantial but did not include any significant structural elements. The kerb did not form a continuous edge around the cairn and where it did exist it was poorly defined suggesting this cannot be described as a kerb cairn in its true form. It was clear, once the cist had been revealed, that the capstone had been moved and that the cist had been disturbed. Further excavation of the cist proved this to be the case as no human remains or artefacts were recovered. This also explained the small lenses of material recorded above the cist.
- 79 Significant features recorded during this excavation included the two primary layers recorded below the cairn stones. Whether these represent important activities associated with clearing or preparing the ground prior to the

excavation of the cist cut is unclear. What can be established is that these layers were clearly associated with the cist and probably formed an important part in a series of events that culminated in the construction of a large cairn.

- 80 Dounreay sits on a long flat stretch of remote coastline located between the two small bays of Sandside, approximately 2 km to the west, and Crosskirk 2 km to the east. Both these bays have a significant number of known archaeological sites listed in the NMRS. These include a number of mounds, cairns, brochs and hut circles many of which were recorded as part of Mercer's extensive field survey. Although many of these recorded sites have not been excavated they indicate that the area is of significant prehistoric importance.
- 81 The disturbance of this burial cairn prior to its excavation has limited the amount of information we were able to extract. Due to the fact that no human remains were recovered and the only find, a small flint flake with no diagnostic detail, it is difficult to confidently associate this burial to a particular period. Although we have recovered two small charcoal lumps from the underlying layers of the cairn these may not be large enough to extract a secure ¹⁴C date. Although no secure date has been identified it is thought that this cairn is similar to other burial cairns excavated in the Highlands and Northern Isles. Many of these cairns are associated with the Bronze Age period. Therefore it is conceivable that this cist and overlying cairn may date from the Bronze Age and could even be indicative of a regional burial practice.

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7.1 Gazetteer of Sites

NMRS no.	NGR	Site Type
NC96NE 2	NC 9830 6693	Dounreay Castle dates to the 16 th century (SMR 6401).
NC96NE 3	NC 985 670	A number of cist burials excavated in 1865 and hut floors.
NC96NE 4	NC 9874 6716	Possible cairn cleared in 1866 included a considerable bone assemblage.
NC96NE 6	NC 9969 6772	The chambered cairn Cnoc-na-h'Uiseig is a Scheduled Monument (SMR 444) included burnt human remains of 5 individuals, pottery and animal bone.

NMRS no.	NGR	Site Type
NC96NE 16	NC 9838 6630	Cnoc Urray (SMR 564) Ruins of a broch survive as a turf covered mound.
NC96NE 17	NC 98994 6570	Achbuiligan Tulloch A possible broch site survives as a turf covered mound.
NC96NE 18	NC 9990 6626	A possible broch site was removed in 1866 with burnt bone and shell noted as surviving.
NC96NE 40	NC 9987 6744	A sub-rectangular grass covered cairn (Site 8).
NC96NE 87	NC 9933 6700	Airfield Construction of the airfield and its ancillary buildings was started in 1942 and were completed in 1944 although it was not actually used during WWII.
NC96NE 78	NC 9876 6706	Nuclear power station built in 1955.
ND06NW 5	ND 0079 6604	A short horned chambered cairn of the Orkney-Cromarty group.
ND06NW 6	ND 002 661	Druim Na Ceud stone row no longer visible.
ND06NW 8	ND 0117 6595	Creag Breac Mhor stone row comprised of 13 rows of stones although many are now obscured by vegetation.
ND06NW 10	ND 01326 65425	Cnoc Freiceadain chambered cairn of the Orkney-Cromarty group (SMR 90078).
ND06NW 11	ND 1240 65525	Na Tri Sithern chambered cairns of the same Orkney-Cromarty group of chambered cairns.
ND06NW 14	ND 0111 6599	Creag Bhreac Mhor two stone cairns
ND06NW 18	ND 0131 6964	Scheduled Monuments of Green Tullochs (SMR 554,). A broch survives as a turf covered mound.
ND06NW 19	ND 0125 6950	A stone cist with human remains was excavated in 1871.
ND06NW 23	ND 0122 6958	A turf covered stone cairn.
ND06NW 48	ND 0014 6774	Balmore, site of a small grass covered cairn.
ND06NW 49	ND 0040 6759	A small grass covered stone cairn.

8 APPENDIX 1 – TRENCH RECORD

Trench no.	Orientation	Description	Length (m)	Depth (m)	Topsoil (m)
101	NNW-SSE	Subsoil: natural yellowish brown sandy clay; outcrop of bedrock. Contained modern disturbance of red brick and slate.	50	0.40	0.25
102	NE-SW	Contained one rubble drain.	105	0.40	0.15
103	NNE-SSW	Subsoil: greyish brown mixed loam containing frequent red brick, broken ceramic, find clay pipe, slate, FE pipe; natural encountered at 1.40m at SW end.	80	1.40	0.15
104	E-W	Subsoil: natural orange clay; outcrop of bedrock Contained no features.	50	0.50	0.50
105	NNW-SSE	Contained one field drain and one pit containing red brick and shale.	50	0.60	0.30
106	E-W	Subsoil: outcrops of bedrock. Contained one field drain.	100	0.42	/
107	E-W	Subsoil: outcrop of bedrock directly under topsoil Contained three field drains.	100	0.45	0.30
108	NW-SE	Subsoil: outcrop of bedrock. Contained evidence of ploughing.	80	0.40	0.20
109	NW-SE	Subsoil: patches of natural greyish white clay; outcrop of bedrock. Contained one field drain.	50	0.35	0.15
110	NE-SW	Subsoil: outcrop of degraded bedrock. Contained one field drain.	50	0.35	0.10
111	ENE-WSW	Subsoil: outcrops of bedrock. Contained one field drain.	100	0.40	0.15
112	NE-SW	Subsoil: outcrops of bedrock. Contained no features.	50	0.35	0.15
113	NE-SW	Subsoil: outcrops of bedrock. Contained no features.	100	0.40	0.15
114	NW-SE	Subsoil: outcrops of bedrock Contained shallow plough marks/field drains (?); one drainage ditch.	100	0.40	0.15
115	NW-SE	Subsoil: outcrops of bedrock Contained one small pit (1m x 0.8m) containing animal (horse/cow?) bones; two field drains.	100	0.40	0.15

Trench no.	Orientation	Description	Length (m)	Depth (m)	Topsoil (m)
116	NE-SW	Contained one field drain; two ditches (1.6m wide and 2.3m wide).	40	0.35	0.15
117	NW-SE	Subsoil: outcrop of bedrock Contained no features.	40	0.35	0.15
118	NE-SW	Subsoil: stonier natural to NE Contained one field drain.	50	0.30	0.10
119	NNW-SSE	Subsoil: outcrop of bedrock Contained one very shallow field drain.	100	0.35	0.15
120	NE-SW	Subsoil: outcrops of bedrock Contained one field drain.	50	0.25	0.10
121	E-W	Subsoil: natural patchy grey clay; outcrop of bedrock Contained no features.	50	0.35	0.10
122	NNW-SSE	Subsoil: outcrop of bedrock; area of bog at SSE end Contained no features.	100	0.35	0.15
123	ENE-WSW	Contained one ditch (1m wide).	50	0.35	0.10
124	NNE-SSW	Subsoil: outcrops of bedrock Contained no features.	100	0.30	0.15
125	NE-SW	Subsoil: natural green grey clay; area of bog at SW end; outcrop of bedrock Contained one field drain.	100	0.60	0.15
126	N-S	Subsoil: natural green grey clay; area of bog; outcrop of bedrock Contained one ditch (2.2m wide).	100	0.30	0.15
127	NE-SW	Contained made ground.	100	1.40	0.15
128	N-S	Contained made ground with animal burrows through.	19	1.0	0.15
129	NNW-SSE	Subsoil: outcrop of bedrock; area of bog at S end Contained one ditch (0.8m wide); one possible ditch (1m wide).	95	0.45	0.15
130	NE-SW	Subsoil: patches of bedrock Contained one ditch (0.8m wide).	100	0.45	0.10
131	NNW-SSE	Contained one pit (2.2m wide x 0.65m).	100	0.45	0.20
132	NE-SW	Contained one animal pit; one rubble stone drain; one drain.	100	0.30	0.15
133	NNE-SSW	Contained one rubble stone drain; one drain.	100	0.35	0.10

Trench no.	Orientation	Description	Length (m)	Depth (m)	Topsoil (m)
134	NE-SW	Subsoil: outcrop of bedrock Contained no features.	50	0.45	0.15
135	N-S	Contained one drain; an area of previous trenching.	100	0.35	0.10
136	ENE-WSW	Subsoil: patches of bedrock Contained an area of previous trenching.	24	0.35	0.10
137	N-S	Contained one drain; one rubble stone drain.	50	0.35	0.10
138	NW-SE	Subsoil: 0.10m thick layer of black silty clay; outcrop of bedrock Contained no features.	76	0.70	0.10
139	NNE-SSW	Subsoil: an area of bog Contained no features.	73	0.40	0.10
140	ENE-WSW	Contained one rubble stone drain; one drain; one animal burial pit.	100	0.45	0.20
141	NE-SW	Subsoil: grey/brown to red/brown sandy clay Contained one modern square cut.	35	0.40	
142	NE-SW	Subsoil: grey/brown to red/brown sandy clay Contained one drain (ephemeral).	35	0.55	
143	NE-SW	Subsoil: grey/brown to red/brown sandy clay; outcrop of bedrock Contained no features.	75	0.40	
144	E-W	Subsoil: grey/brown to red/brown sandy clay; outcrops of bedrock Contained no features.	100	0.30	
145	E-W	Subsoil: grey/brown to red/brown sandy clay Contained no features.	100	0.30	
146	E-W	Contained no features.	50	0.40	
147	E-W	Subsoil: outcrops of bedrock Contained one field drain.	105	0.40	
148	N-S	Contained no features.	50	0.50	
149	NNW-SSE	Contained one drain.	50	0.40	
150	NE-SW	Contained one linear feature.	60	0.40	
151	ENE-WSW	Contained no features.	60	0.50	
152	NE-SW	Contained no features.	70	0.40	

Trench no.	Orientation	Description	Length (m)	Depth (m)	Topsoil (m)
153	NW-SE	Contained one field drain.	107	0.50	
154	N-S	Contained no features.	67	0.40	
155	NE-SW	Contained no features.	92	0.60	
156	N-S	Contained no features.	100	0.60	
157	E-W	Contained no features.	55	0.70	
158	NE-SW	Contained no features.	80	0.50	
159	NW-SE	Contained no features.	70	0.60	
160	NE-SW	Contained no features.	100	0.60	
161	E-W	Contained no features.	50	0.40	
162	NW-SE	Contained no features.	50	0.50	
163	NE-SW	Contained one river channel.	100	0.50	
164	NNE-SSW	Contained no features.	100	0.50	
165	N-S	Contained no features.	100	0.40	
166	NW-SE	Contained linear topsoil stain (modern channel/stream).	100	0.40	
167	WNW-ESE	Contained linear topsoil stains (modern channels/streams).	100	0.40	
168	NE-SW	Contained no features.	100	0.50	
169	ENE-WSW	Contained no features.	100	0.40	
170	NNW-SSE	Contained no features.	100	0.40	
171	NE-SW	Contained one earth dyke.	100	0.40	
172	NW-SE	Contained no features.	100	0.50	
173	NNW-SSE	Contained no features.	100	0.40	
174	NNE-SSW	Contained no features.	90	0.60	
175	NNW-SSE	Contained no features.	60		
176	NE-SW	Contained no features.	100	0.40	
177	N-S	Contained no features.	87	0.40	
178	NW-SE	Contained no features.	100	0.40	
179	NNW-SSE	Contained no features.	100	0.50	
180	NE-SW	Contained no features.	100	0.50	
181	NNW-SSE	Contained linear features.	42	0.40	
201	NW-SE	Subsoil: natural light grey brown silty sand Contained no features.	50		

Trench no.	Orientation	Description	Length (m)	Depth (m)	Topsoil (m)
202	NE-SW	Subsoil: natural light grey brown silty sand; outcrop of bedrock Contained one field drain.	100	0.30	
203	NW-SE	Subsoil: natural light grey brown silty sand Contained one field drain.	50	0.30	
204	NE-SW	Subsoil: natural light grey brown silty sand; outcrop of bedrock Contained one ditch; one field drain.	100	0.30	
205	ENE-WSW	Subsoil: natural light grey brown silty sand; outcrop of bedrock Contained no features.	50	0.30	
206	N-S	Subsoil: natural light grey brown silty sand; outcrops of bedrock Contained no features.	70	0.40	
207	NE-SW	Subsoil: natural light grey brown silty sand; outcrop of bedrock Contained one field drain.	50	0.30	
208	N-S	Subsoil: natural light grey brown silty sand; outcrop of bedrock Contained no features.	50	0.30	
209	NE-SW	Subsoil: natural light grey brown silty sand; outcrop of bedrock Contained one ditch (2.5m wide).	75	0.40	
210	NW-SE	Subsoil: natural light grey brown silty sand; outcrop of bedrock Contained one linear feature.	50	0.40	
211	NW-SE	Subsoil: outcrops of bedrock Contained two field drains.	100	0.30	
212	NE-SW	Subsoil: outcrop of bedrock Contained one field drain.	50	0.40	
213	N-S	Contained no features.	40	0.40	
214	NNE-SSW	Subsoil: outcrop of bedrock Contained no features.	35	0.30	
215	NW-SE	Subsoil: outcrop of bedrock Contained no features.	50	0.35	
216	NW-SE	Subsoil/natural yellow brown silty clay with occasional patches of grey sandy clay; outcrops of bedrock. Contained one drain.	100	0.45	

Trench no.	Orientation	Description	Length (m)	Depth (m)	Topsoil (m)
217	NE-SW	Subsoil: grey sandy clay with patches of yellow brown clay Contained no features.	25	0.40	
218	WNW-ESE	Subsoil: natural yellow brown silty clay with occasional patches of grey sandy clay; outcrops of bedrock. Contained no features.	75	0.60	
219	E-W	Subsoil: grey sandy clay with patches of yellow brown clay; patches of blue gray clay; outcrops of bedrock. Contained no features.	30	0.50	
220	E-W	Subsoil/natural yellow brown silty clay with occasional patches of grey sandy clay Contained no features.	50	0.40	
221	E-W	Subsoil: natural yellow brown clay with blue clay in deeper areas; outcrops of bedrock Contained one rubble drain.	100		
222	NE-SW	Subsoil: outcrops of bedrock Contained no features.	100	0.40	
223	E-W	Contained no features.	100	0.36	
224	NW-SE	Contained one drainage ditch (2m wide).	101	0.52	
225	NE-SW	Contained no features.	52	0.36	
226	NE-SW	Contained no features.	50	0.43	
227	NW-SE	Contained one drainage ditch (2m wide).	95	0.60	
228	NW-SE	Contained no features.	100	0.44	
229	E-W	Contained no features.	50	0.47	
230	NNE-SSW	Contained no features.	50	0.853	
231	NE-SW	Contained no features.	100	0.41	
232	NE-SW	Contained one drainage ditch (1m wide).	100	0.39	
233	E-W	Subsoil: outcrop of bedrock Contained no features.	50		
234	NE-SW	Subsoil: very high outcrop of bedrock. Contained no features.	50		
235	E-W	Contained one linear feature.	50		

Trench no.	Orientation	Description	Length (m)	Depth (m)	Topsoil (m)
236	E-W	Contained one drainage ditch.	50		
237	NW-SE	Subsoil: outcrop of bedrock Contained no features.	50		
238	NW-SE	Contained no features.	60	0.41	
239	NNW-SSE	Subsoil: outcrop of bedrock Contained no features.	50	0.52	
240	NE-SW	Contained no features.	50	0.38	
241	NNE-SSW	Subsoil: outcrop of bedrock Contained one drainage ditch.	100	0.44	
242	NE-SW	Contained no features.	70	0.50	
243	NE-SW	Contained no features.	100	0.52	
244	ENE-WSW	Contained no features.	100	0.56	
245	NNE-SSW	Contained no features.	100	0.51	
246	WNW-ESE	Contained no features.	100	0.47	
247	NE-SW	Contained no features.	100	0.53	
248	E-W	Contained no features.	100	0.49	
249	WNW-ESE	Contained no features.	100	0.52	
250	NNW-SSE	Contained one drainage ditch.	75	0.56	
251	NNE-SSW	Subsoil: outcrop of bedrock Contained no features.	100	0.48	
252	NW-SE	Contained no features.	100	0.56	
253	NW-SE	Subsoil: outcrop of bedrock Contained no features.	75	0.47	
254	NE-SW	Contained no features.	100	0.48	
255	WNW-ESE	Subsoil: outcrop of bedrock Contained no features.	90	0.43	
256	NE-SW	Contained no features.	60	0.46	
257	E-W	Contained one drainage ditch.	70	0.51	
258	NW-SE	Contained no features.	30	0.52	
259	NNE-SSW	Contained no features.	50	0.46	
260	NE-SW	Contained no features.	40	0.4	
261	NW-SE	Contained one rubble stone drain.	45	0.50	0.15

9 APPENDIX 2 – PHOTOGRAPHIC REGISTER

9.1 Film #1

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
001	36/1	–	36/1	digi-22 #008		ID shot: film #1.
002	35/1	–	35/1	digi-22 #009	N	Area 'A' pre-ex shot.
003	34/1	–	34/1	digi-22 #010	NNW	NW area of site (general shot).
004	33/1	–	33/1	digi-22 #011	N	NW area of site (general shot).
005	32/1	–	32/1	digi-22 #012	SE	Area 'C' TR001 location pre-ex shot.
006	31/1	–	31/1	digi-22 #013	NW	Area 'C' pre-ex shot.
007	30/1	–	30/1	digi-22 #014	N	Site 36: pre-ex shot.
008	29/1	–	29/1	digi-22 #015	SE	Site 36: pre-ex shot.
009	28/1	–	28/1	digi-22 #016	E	Site 36: natural drainage to NE.
010	27/1	–	27/1	digi-22 #017	W	TR101: rubble drain at W end.
011	26/1	–	26/1	digi-22 #018	SSW	TR101: post-ex shot.
012	25/1	–	25/1	digi-22 #019	S	TR102: pit [004].
013	24/1	–	24/1	digi-22 #020	S	TR102: pit [004].
014	23/1	–	23/1	digi-22 #021		TR103: pit [006].
015	22/1	–	22/1			TR103: pit [006].
016	21/1	–	21/1	digi-22 #023	N	TR103: post-ex shot.
017	20/1	–	20/1	digi-22 #024	W	TR103: E-facing section.
018	19/1	–	19/1	digi-22 #025	W	TR103: E-facing section showing modern disturbance.
019	18/1	–	18/1	digi-22 #026	W	TR103: E-facing section showing modern disturbance.
020	17/1	–	17/1	digi-22 #027	NE	Pre-ex shot of area immediately E of landfill.

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
021	16/1	–	16/1	digi-22 #028	N	Pre-ex shot of area immediately E of landfill.
022	15/1	–	15/1	digi-22 #029	NE	Pre-ex shot of area E of landfill.
023	14/1	–	14/1	digi-22 #030	NNE	TR202: post-ex shot.
024	13/1	–	13/1	digi-22 #031	NNE	TR104: post-ex shot.
025	12/1	–	12/1	digi-22 #032	N	TR105: post-ex shot.
026	11/1	–	11/1	digi-22 #033	S	TR105: shot of furrow.
027	10/1	–	10/1	digi-22 #034	NW	Access road.
028	9/1	–	9/1	digi-22 #035	NW	Access road.
029	8/1	–	8/1	digi-22 #036	NW	Access road.
030	7/1	–	7/1	digi-22 #037	NW	Access road.
031	6/1	–	6/1	digi-22 #038	SW	Hedgerow [101].
032	5/1	–	5/1	digi-22 #039	W	TR101: shot of E end.
033	4/1	–	4/1	digi-22 #040	NE	TR107: shot of SW end.
034	3/1	–	3/1	digi-22 #041	NE	TR106: post-ex shot.
035	2/1	–	2/1	digi-22 #042	NW	TR108: post-ex shot.
036	1/1	–	1/1	digi-22 #043	SE	TR108: post-ex shot.

9.2 Film #2

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
037	36/2	–	36/2			ID shot: film #2.
038	35/2	–	35/2	digi-22 #044	NW	TR109: post-ex shot.
039	34/2	–	34/2	digi-22 #045	NE	Pre-ex shot of general site.
040	33/2	–	33/2	digi-22 #046	SE	TR109: post-ex shot.
041	32/2	–	32/2	digi-22 #047	NE	TR205: post-ex shot.
042	31/2	–	31/2	digi-22 #048	NE	TR204: post-ex shot.
043	30/2	–	30/2	digi-22 #049	NW	TR203: post-ex shot.
044	29/2	–	29/2	digi-22 #050	NE	TR110: post ex-shot.
045	28/2	–	28/2	digi-22 #051	SW	TR110: post ex-shot.
046	27/2	–	27/2	digi-22 #052	NE	Pre-ex shot of general site.
047	26/2	–	26/2	digi-22 #053	ENE	TR111: post-ex shot.
048	25/2	–	25/2	digi-22 #054	WSW	TR111: post-ex shot.
049	24/2	–	24/2	digi-22 #055	S	TR112: post-ex shot.
050	23/2	–	23/2	digi-22 #056	SSW	TR113: post-ex shot.
051	22/2	–	22/2	digi-22 #057	NW	TR114: post-ex shot.
052	21/2	–	21/2	digi-22 #058	SE	TR114: post-ex shot.
053	–	–	–	digi-22 #059	DOWN	Broken pipe.
054	20/2	–	20/2	–	N	TR115: post-ex shot.
055	19/2	–	19/2	–	S	TR115: post-ex shot.
056	18/2	–	18/2	digi-22 #060	SW	TR116: post-ex shot.
057	17/2	–	17/2	digi-22 #061	SE	TR117: post-ex shot.
058	16/2	–	16/2	digi-22 #062	W	TR118: post-ex shot.
059	15/2	–	15/2	digi-22 #063	N	TR119: post-ex shot.
060	14/2	–	14/2	digi-22 #064	E	TR120: post-ex shot.
061	13/2	–	13/2	digi-22 #065	N	Pre-ex shot of general site.
062	12/2	–	12/2	digi-22 #066	S	TR208: post-ex shot.
063	11/2	–	11/2	digi-22 #067	SW	TR207: post-ex shot (part 1).

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
064	10/2	–	10/2	digi-22 #068	SW	TR207: post-ex shot (part 2).
065	9/2	–	9/2	digi-22 #069	SSW	TR206: post-ex shot.
066	8/2	–	8/2	digi-22 #070	WSW	TR122: post-ex shot.
067	7/2	–	7/2	digi-22 #071	WSW	TR122: post-ex shot.
068	6/2	–	6/2	digi-22 #072	S	TR123: post-ex shot.
069	5/2	–	5/2	digi-22 #073	N	TR124: post-ex shot.
070	4/2	–	4/2	digi-22 #074	NE	TR124: post-ex shot.
071	3/2	–	3/2	digi-22 #075	S	TR125: post-ex shot.
072	2/2	–	2/2	digi-22 #076	S	TR125: post-ex shot.
073	1/2	–	1/2	digi-22 #077	N	TR126: post-ex shot.

9.3 Film #3

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
074	36/3	–	36/3	–	–	ID shot: film #3.
075	35/3	–	35/3	digi-22 #078	N	TR126: post-ex shot.
076	34/3	–	34/3	digi-22 #079	ENE	TR127: post-ex shot.
077	33/3	–	33/3	digi-22 #080	WSW	TR127: post-ex shot.
078	32/3	–	32/3	digi-22 #081	SSW	TR128: post-ex shot.
079	31/3	–	31/3	digi-22 #082	N	TR129: post-ex shot.
080	30/3	–	30/3	digi-22 #083	SE	TR215: post-ex shot.
081	29/3	–	29/3	digi-22 #084	W	TR211: post-ex shot.
082	28/3	–	28/3	digi-22 #085	E	TR212: post-ex shot.
083	27/3	–	27/3	digi-22 #086	W	TR210: post-ex shot.
084	26/3	–	26/3	digi-22 #087	NNE	TR209: post-ex shot.
085	25/3	–	25/3	digi-22 #088	NE	TR214: post-ex shot.
086	24/3	–	24/3	digi-22 #089	S	TR213: post-ex shot.
087	–	–	–	digi-22 #090	N	Condition survey of area to N of landfill 42 (between E and W drains) Weather wet and very windy, boggy underfoot in places, numerous drainage channels in addition to main ones on plan.
088	–	–	–	digi-22 #091	N	" "
089	–	–	–	digi-22 #092	NE	" "
090	–	–	–	digi-22 #093	E	" "
091	23/3	–	23/3	digi-22 #094	SSW	TR131: post-ex shot.
092	22/3	–	22/3	digi-22 #095	SSW	TR131: post-ex shot.
093	21/3	–	21/3	digi-22 #096	NE	TR130: post-ex shot.
094	20/3	–	20/3	digi-22 #097	NE	TR130: post-ex shot.
095	19/3	–	19/3	digi-22 #098	N	TR129: post-ex shot.
096	18/3	–	18/3	digi-22 #099	NE	Site 36: Quad 1 of cairn exposed.

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
097	17/3	–	17/3	digi-22 #100	WNW	Site 36: Quad 1 of cairn exposed.
098	16/3	–	16/3	digi-22 #101	WSW	Site 36: Quad 1 of cairn exposed.
099	15/3	–	15/3	digi-22 #102	SE	Site 36: de-turfing of Quad 2 begun.
100	14/3	–	14/3	digi-22 #103	S	Site 36: detail of W side of Quad 1.
101	13/3	–	13/3	digi-22 #104	ESE	Site 36: Quad 1 of cairn exposed.
102	12/3	–	12/3	digi-22 #105	W	Site 36: Quad 1 of cairn exposed.
103	11/3	–	11/3	digi-22 #106	ESE	Site 36: NW-facing section through cairn.
104	10/3	–	10/3	digi-22 #107	ESE	Site 36: NW-facing section through cairn.
105	9/3	–	9/3	digi-22 #108	ESE	Site 36: NW-facing section through cairn.
106	8/3	–	8/3	digi-22 #109	ESE	Site 36: NW-facing section through cairn.
107	7/3	–	7/3	digi-22 #110	ESE	Site 36: NW-facing section through cairn.
108	6/3	–	6/3	digi-22 #111	NNE	Site 36: SSW-facing section through cairn.
109	5/3	–	5/3	digi-22 #112	NE	Site 36: Quad 1 of cairn exposed.
110	4/3	–	4/3	digi-22 #113	NE	Condition survey of area between drainage to E of cairn.
111	3/3	–	3/3	digi-22 #114	SE	TR216: post-ex shot.
112	2/3	–	2/3	digi-22 #115	SW	TR217: post-ex shot (inc. Cairn).

9.4 Film #4

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
113	36/4	–	36/4	–	–	ID shot: film #4
114	35/4	–	35/4	digi-22 #116	SW	TR137: post-ex shot.
115	34/4	–	34/4	digi-22 #117	NW	TR136: post-ex shot.
116	33/4	–	33/4	digi-22 #118	NE	TR135: post-ex shot.
117	32/4	–	32/4	digi-22 #119	NW	TR134: post-ex shot.
118	31/4	–	31/4	digi-22 #120	ENE	TR133: post-ex shot.
119	30/4	–	30/4	digi-22 #121	ESE	TR132: post-ex shot.
120	29/4	–	29/4	digi-22 #122	WNW	TR132: post-ex shot.
121	28/4	–	28/4	digi-22 #123	WSW	TR133: post-ex shot.
122	27/4	–	27/4	digi-22 #124	SE	TR138: post-ex shot.
123	26/4	–	26/4	digi-22 #125	SE	TR138: post-ex shot.
124	25/4	–	25/4	digi-22 #126	SW	TR139: post-ex shot.
125	24/4	–	24/4	digi-22 #127	SW	TR139: post-ex shot.
126	23/4	–	23/4	digi-22 #128	WSW	TR140: post-ex shot.
127	22/4	–	22/4	digi-22 #129	WSW	TR140: post-ex shot.
128	21/4	–	21/4	digi-22 #130	SE	TR141: post-ex shot.
129	20/4	–	20/4	digi-22 #131	NE	Condition survey of general area pre-ex.
130	19/4	–	19/4	digi-22 #132	SSE	TR218: post-ex shot.
131	18/4	–	18/4	digi-22 #133	ESE	TR219: post-ex shot.
132	17/4	–	17/4	digi-22 #134	S	TR220: post-ex shot.
133	16/4	–	16/4	digi-22 #135	SE	TR221: post-ex shot.
134	15/4	–	15/4	digi-22 #136	NW	TR212: post-ex shot.
135	14/4	–	14/4	digi-22 #137	W	TR212: post-ex shot.
136	13/4	–	13/4	digi-22 #138	W	Condition survey for access track.
137	12/4	–	12/4	digi-22 #139	NW	Condition survey for access track.
138	11/4	–	11/4	digi-22 #140	NE	TR222: post-ex shot.

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
139	10/4	–	10/4	digi-22 #141	NW	TR223: post-ex shot.
140	9/4	–	9/4	digi-22 #142	SW	TR142: post-ex shot.
141	8/4	–	8/4	digi-22 #143	SW	TR141: post-ex shot.
142	7/4	–	7/4	digi-22 #144	SW	TR139: post-ex shot.
143	6/4	–	6/4	digi-22 #145	SW	TR143: post-ex shot.
144	5/4	–	5/4	digi-22 #146	NW	TR144: post-ex shot.
145	4/4	–	4/4	digi-22 #147	NW	TR145: post-ex shot.
146	3/4	–	3/4	digi-22 #148	NW	TR146: post-ex shot.
147	2/4	–	2/4	digi-22 #149	SW	TR225: post-ex shot.
148	1/4	–	1/4	digi-22 #150	WSW	TR226: post-ex shot.

9.5 Film #5

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
149	36/5	–	36/5	digi-22 #151	–	ID shot: film #5
150	35/5	–	35/5	digi-22 #152	SE	TR224: post-ex shot.
151	34/5	–	34/5	digi-22 #153	NW	TR227: post-ex shot.
152	33/5	–	33/5	digi-22 #154	NW	TR204: post-ex shot.
153	32/5	–	32/5	digi-22 #155	NW	TR228: post-ex shot.
154	31/5	–	31/5	digi-22 #156	W	TR229: post-ex shot.
155	30/5	–	30/5	digi-22 #157	SSE	TR230: post-ex shot.
156	29/5	–	29/5	digi-22 #158	NNE	TR232: post-ex shot.
157	28/5	–	28/5	digi-22 #159	NW	TR233: post-ex shot.
158	27/5	–	27/5	digi-22 #160	NW	TR234: post-ex shot.
159	26/5	–	26/5	digi-22 #161	SW	TR235: post-ex shot.
160	25/5	–	25/5	digi-22 #162	SSE	TR236: post-ex shot.
161	24/5	–	24/5	digi-22 #163	S	TR231: post-ex shot.
162	23/5	–	23/5	digi-22 #164	NW	TR238: post-ex shot.
163	22/5	–	22/5	digi-22 #165	SSE	TR250: post-ex shot.
164	21/5	–	21/5	digi-22 #166	N	TR240: post-ex shot.
165	20/5	–	20/5	digi-22 #167	SE	TR241: post-ex shot.
166	19/5	–	19/5	digi-22 #172	NE	TR237: post-ex shot.
167	18/5	–	18/5	digi-22 #173	NW	TR159: post-ex shot.
168	17/5	–	17/5	digi-22 #174	NW	TR162: post-ex shot.
169	16/5	–	16/5	digi-22 #175	NW	TR161: post-ex shot.
170	15/5	–	15/5	digi-22 #176	N	TR164: post-ex shot.
171	14/5	–	14/5	digi-22 #177	N	TR163: post-ex shot.
172	13/5	–	13/5	digi-22 #178	N	TR165: post-ex shot.
173	12/5	–	12/5	digi-22 #179	SSW	TR158: post-ex shot.
174	11/5	–	11/5	digi-22 #180	W	TR157: post-ex shot.
175	10/5	–	10/5	digi-22 #181	N	TR156: post-ex shot.

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
176	9/5	–	9/5	digi-22 #182	SSW	TR155: post-ex shot.
177	8/5	–	8/5	digi-22 #183	S	TR154: post-ex shot.
178	7/5	–	7/5	digi-22 #184	NW	TR153: post-ex shot.
179	6/5	–	6/5	digi-22 #185	SSW	TR152: post-ex shot.
180	5/5	–	5/5	digi-22 #186	SE	TR151: post-ex shot.
181	4/5	–	4/5	digi-22 #187	NW	TR147: post-ex shot.
182	3/5	–	3/5	digi-22 #188	SE	TR148: post-ex shot.
183	2/5	–	2/5	digi-22 #189	SE	TR149: post-ex shot.
184	1/5	–	1/5	digi-22 #190	SSW	TR150: post-ex shot.

9.6 Film #6

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
237	35/6	36/6	–	–	–	ID shot: film #6
238	34/6	35/6	–	–	NE	WATCHING BRIEF Pre-ex shot of access road.
239	33/6	34/6	–	–	NE	WATCHING BRIEF Post-ex shot of access road.
240	32/6	33/6	–	–	NW	WATCHING BRIEF SE-facing section of bank.
241	31/6	32/6	–	digi-63 #001	NW	WATCHING BRIEF Ditches either side of bank.
242	–	–	–	digi-63 #002	NW	WATCHING BRIEF Ditches either side of bank.
243	–	–	–	digi-63 #004	NW	WATCHING BRIEF General shot of NW-running access road.
244	30/6	31/6	–	digi-63 #003	NW	WATCHING BRIEF General shot of NW-running access road.
245	29/6	30/6	–	digi-63 #005	NW	WATCHING BRIEF General shot of NW-running access road.
246	28/6	29/6	–	digi-63 #006	NW	WATCHING BRIEF General shot of NW-running access road.
247	27/6	28/6	–	digi-63 #007	NW	WATCHING BRIEF Section of bank and ditch from SE.
248	26/6	27/6	–	digi-63 #008	S	CONDITION SURVEY From N at cliff edge.
249	25/6	25/6	–	digi-63 #009	S	CONDITION SURVEY from N looking at second borehole.
250	24/6	24/6	–	digi-63 #010	N	CONDITION SURVEY From S looking on E-running access track.

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
251	23/6	23/6	–	digi-63 #011	S	CONDITION SURVEY From N looking on E- running access track
252	22/6	22/6	–	digi-63 #012	S	CONDITION SURVEY From N looking on E- running access track.
253	21/6	21/6	–	digi-63 #013	SE	CONDITION SURVEY From E-running access track.
254	20/6	20/6	–	digi-63 #014	NW	CONDITION SURVEY From E-running access track.
255	19/6	19/6	–	digi-63 #015	E	CONDITION SURVEY From NW-running access road.
256	18/6	18/6	–	digi-63 #016	NW	CONDITION SURVEY From NW-running access road.
257	17/6	17/6	–	digi-63 #017	NW	CONDITION SURVEY From top of dyke.
258	16/6	16/6	–	digi-63 #018	NW	CONDITION SURVEY To E of dyke looking NW.
259	15/6	15/6	–	digi-63 #019	NE	CONDITION SURVEY Field drain.
260	14/6	14/6	–	digi-63 #020	NW	CONDITION SURVEY Field drain.
261	13/6	13/6	–	digi-63 #021	NW	CONDITION SURVEY E of dyke.
262	12/6	12/6	–	digi-63 #022	SW	CONDITION SURVEY By cliffside.
263	11/6	11/6	–	digi-63 #023	SW	CONDITION SURVEY By cliffside.
264	10/6	10/6	–	digi-63 #024	S	CONDITION SURVEY by cliffside.
265	9/6	9/6	–	digi-63 #025	N	CONDITION SURVEY Area of exposed natural.
266	8/6	8/6	–	digi-63 #026	S	CONDITION SURVEY By cliffside.

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
267	7/6	7/6	–	digi-63 #027	SSW	CONDITION SURVEY Field drain.
268	6/6	6/6	–	digi-63 #028	S	CONDITION SURVEY Area of drainage.
269	5/6	5/6	–	digi-63 #029	S	CONDITION SURVEY General shot of Cliffside.
270	4/6	4/6	–	digi-63 #030	S	CONDITION SURVEY Area of drainage.
271	3/6	3/6	–	digi-63 #031	S	CONDITION SURVEY Area of drainage.
272	2/6	2/6	–	digi-63 #032	S	CONDITION SURVEY Area of drainage.
273	1/6	1/6	–	digi-63 #033	S	CONDITION SURVEY Area of drainage.
274			–			Void

9.7 Film #7

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
275	36/7	36/7	–	digi-63 #034		ID shot: film #7
276	35/7	35/7	–	digi-63 #035	N	Linear feature in Hole #2 (Compound area between TR116 and TR117).
277	34/7	34/7	–	digi-63 #036	N	Linear feature in Hole #12 (Compound area between TR116 and TR118).
278	33/7	33/7	–	digi-63 #037	NE	General shot of area between TR116 and TR117.
279	32/7	32/7	–	digi-63 #038	NNW	General shot of area between TR116 and TR117.
280	31/7	31/7	–	digi-63 #039	W	General shot of area between TR116 and TR117.
281	30/7	30/7	–	digi-63 #040	DOWN	Slot through linear feature in Hole #12.
282	29/7	29/7	–	digi-63 #041	DOWN	Slot through linear feature in Hole #2.
283	28/7	28/7	–	digi-63 #042	N	TR116: General shot of linear feature.
284	27/7	27/7	–	digi-63 #043	SSW	TR135: pre-ex shot of linear feature.
285	26/7	26/7	–	digi-63 #044	SSW	TR135: post-ex shot of slot through linear feature.
286	25/7	25/7	–	digi-63 #045	NW	TR171: machined section trough earth dyke.
287	24/7	24/7	–	digi-63 #046	SE	TR171: machined section trough earth dyke.
288	23/7	23/7	–	digi-63 #047	NW	Earth dyke running NNW/SSE down to sea.
289	22/7	22/7	–	digi-63 #048	SE	Earth dyke running uphill across site.

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
290	21/7	21/7	–	digi-63 #049	NE	Pre-ex shot of possible cairn [021].
291	20/7	20/7	–	digi-63 #050	SW	TR256: post-ex shot.
292	19/7	19/7	–	digi-63 #051	E	TR257: post-ex shot.
293	18/7	18/7	–	digi-63 #052	SE	TR258: post-ex shot.
294	17/7	17/7	–	digi-63 #053	NE	TR259: post-ex shot.
295	16/7	16/7	–	digi-63 #054	NE	Post-ex shot of clearance cairn [021].
296	15/7	15/7	–	digi-63 #055	NE	Detail of composition of clearance cairn [021].
297	14/7	14/7	–	digi-63 #056	SW	TR180: post-ex shot.
298	13/7	13/7	–	digi-63 #057	NW	TR179: post-ex shot.
299	12/7	12/7	–	digi-63 #058	NW	TR260: post-ex shot.
300	11/7	11/7	–	digi-63 #059	SE	TR181: section #6 through linear feature [029].
301	10/7	10/7	–	digi-63 #060	NW	TR181: linear feature [029].
302	9/7	9/7	–	digi-63 #061	NW	TR181: linear feature [027].
303	8/7	8/7	–	digi-63 #062	W	TR181: post-ex shot.
304	7/7	7/7	–	digi-63 #063	S	Working shot: Genevive excavating pit [022] in TR131.
305	6/7	6/7	–	digi-63 #064	S	Working shot: Genevive excavating pit [022] in TR132.
306	5/7	5/7	–	digi-63 #065	S	TR131: mid-ex shot of pit [022].
307	4/7	4/7	–	digi-63 #066	N	TR131: detail of stone slabs in pit [022].
308	3/7	3/7	–	digi-63 #067	S	TR126: N-facing section of slot through linear [031].
309	2/7	2/7	–	digi-63 #068	S	TR131: mid-ex shot of pit [022].
310	1/7	1/7	–	digi-63 #069	S	TR131: mid-ex shot of pit [022].

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
311		26/6	–	–	S	CONDITION SURVEY From N looking at second borehole.

9.8 Film #8

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
185	36/8	36/8	–	–	–	ID shot: film #8
186	35/8	35/8	–	digi-22 #191	E	TR167: post-ex shot.
187	34/8	34/8	–	digi-22 #192	SE	TR166: post-ex shot.
188	33/8	33/8	–	digi-22 #193	NE	TR168: post-ex shot.
189	32/8	32/8	–	digi-22 #194	W	TR169: post-ex shot.
190	31/8	31/8	–	digi-22 #195	SE	TR170: post-ex shot.
191	30/8	30/8	–	digi-22 #196	N	TR171: post-ex shot.
192	29/8	29/8	–	digi-22 #197	NW	TR247: post-ex shot.
193	28/8	28/8	–	digi-22 #198	SSW	TR246: post-ex shot.
194	27/8	27/8	–	digi-22 #199	NNE	TR245: post-ex shot.
195	26/8	26/8	–	digi-22 #200	NNE	TR244: post-ex shot.
196	25/8	25/8	–	digi-22 #201	NE	TR243: post-ex shot.
197	24/8	24/8	–	digi-22 #202	NW	TR242: post-ex shot.
198	23/8	23/8	–	digi-22 #203	NW	TR246: post-ex shot.
199	22/8	22/8	–	digi-22 #204	W	TR248: post-ex shot.
200	–	–	–	digi-22 #205	SSW	General shot: evaluation area with Dounreay in background.
201	21/8	21/8	–	digi-22 #206	W	TR174: post-ex shot.
202	/	/	–	digi-22 #207	NE	General shot: evaluation.
203	20/8	20/8	–	digi-22 #208	NW	TR175: post-ex shot.
204	19/8	19/8	–	digi-22 #209	NW	TR172: post-ex shot.
205	18/8	18/8	–	digi-22 #210	NW	TR173: post-ex shot.
206	–	–	–	digi-22 #211	SW	Working shot: machining with Dounreay in the background.
207	–	–	–	digi-22 #212	SW	Working shot: machining with Dounreay in the background.
208	17/8	17/8	–	digi-22 #213	S	TR243: detail of feature.

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
209	16/8	16/8	–	digi-22 #214	NW	TR249: post-ex shot.
210	15/8	15/8	–	digi-22 #215	N	TR250: post-ex shot.
211	14/8	14/8	–	digi-22 #216	W	TR176: post-ex shot.
212	13/8	13/8	–	digi-22 #217	N	TR177: post-ex shot.
213	12/8	12/8	–	digi-22 #218	NW	TR178: post-ex shot to S of boundary.
214	11/8	11/8	–	digi-22 #219	NW	TR178: post-ex shot to N of boundary.
215	10/8	10/8	–	digi-22 #220	S	TR131: detail of feature prior to excavation.
216	9/8	9/8	–	digi-22 #221	NE	TR181: detail of small linear feature.
217	8/8	8/8	–	digi-22 #222	S	TR131: mid-ex shot of feature.
218	7/8	7/8	–	digi-22 #223	S	TR131: mid-ex shot of feature.
219	6/8	6/8	–	digi-22 #224	S	TR131: mid-ex shot of feature.
220	5/8	5/8	–	digi-22 #225	NW	TR252: mid-ex shot of feature.
221	4/8	4/8	–	digi-22 #226	NE	TR253: mid-ex shot of feature.
222	3/8	3/8	–	digi-22 #227	NE	TR254: mid-ex shot of feature.
223	2/8	2/8	–	digi-22 #228	E	TR255: mid-ex shot of feature.
224	1/8	1/8	–	digi-22 #229	E	TR256: mid-ex shot of feature.
225	–	–	–	digi-22 #001	–	Area of access road in SE corner of site: pre-ex shots.
226	–	–	–	digi-22 #002	–	Area of access road in SE corner of site: pre-ex shots.
227	–	–	–	digi-22 #003	–	Area of access road in SE corner of site: pre-ex shots.

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
228	–	–	–	digi-22 #004	–	Area of access road in SE corner of site: pre-ex shots.
229	–	–	–	digi-22 #005	–	Area of access road in SE corner of site: pre-ex shots.
230	–	–	–	digi-22 #006	–	Area of access road in SE corner of site: pre-ex shots.
231	–	–	–	digi-22 #007	–	Area of access road in SE corner of site: removal of topsoil.
232	–	–	–	digi-22 #022	–	Digger!
233	–	–	–	digi-22 #168	–	Condition survey of drainage.
234	–	–	–	digi-22 #169	–	Condition survey of drainage.
235	–	–	–	digi-22 #170	–	Condition survey of drainage after machining.
236	–	–	–	digi-22 #171	–	Condition survey of drainage after machining.

9.9 Film #9

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
1039	37/9	–	32/9	digi-19 #043	–	ID shot: film #9
1040	36/9	–	–	digi-19 #044	W	Working shot: excavating Quad 1, spit 3
1041	35/9	–	–	digi-19 #045	WSW	Working shot: excavating Quad 1, spit 3
1042	34/9	–	–	digi-19 #046	SW	Working shot: excavating Quad 1, spit 3
1043	33/9	–	–	digi-19 #047	SW	Working shot: excavating Quad 1, spit 3
1044	32/9	–	–	digi-19 #048	WSW	Working shot: excavating Quad 1, spit 3
1045	31/9	–	31/9	digi-19 #049	W	Quad 1: shot post-ex of spit 3
1046	30/9	–	30/9	digi-19 #050	SW	Quad 1: shot post-ex of spit 3
1047	29/9	–	29/9	digi-19 #051	N	Quad 1: shot post-ex of spit 3
1048	28/9	–	28/9	digi-19 #052	WSW	Quad 1: shot post-ex of spit 3
1049	27/9	–	27/9	digi-19 #053	W	Quad 1: shot post-ex of spit 3
1050	26/9	–	26/9	digi-19 #054	SSE	Quad 1: shot post-ex of spit 3
1051	25/9	–	25/9	digi-19 #055	NW	Quad 1: shot post-ex of spit 3
1052	24/9	–	24/9	digi-19 #056	SSE	Quad 1: shot post-ex of spit 4
1053	23/9	–	23/9	digi-19 #057	W	Quad 1: shot post-ex of spit 4
1054	22/9	–	22/9	digi-19 #058	NNE	Quad 1: shot post-ex of spit 4
1055	21/9	–	21/9	digi-19 #059	S	Quad 1: shot post-ex of spit 4

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
1056	20/9	–	20/9	digi-19 #060	E	Working shot: excavating spit 5
1057	19/9	–	19/9	digi-19 #061	NE	Working shot: excavating spit 5
1058	18/9	–	18/9	digi-19 #062	SSE	Quad 1: all stones removed
1059	17/9	–	17/9	digi-19 #063	W	Quad 1: all stones removed
1060	15/9	–	15/9	digi-19 #064	NNE	Quad 1: all stones removed
1061	14/9	–	14/9	digi-19 #065	SE	Quad 1: NW-facing section showing slot excavated to natural
1062	13/9	–	13/9	digi-19 #066	NNE	Quad 1: slot excavated to natural
1063	12/9	–	12/9	digi-19 #067	N	EVAL SHOT [022]: post-ex shot
1064	11/9	–	11/9	digi-19 #068	N	EVAL SHOT [022]: post-ex shot
1065	10/9	–	10/9	digi-19 #069	NNE	Quad 1: slot excavated to natural
1066	9/9	–	9/9	digi-19 #070	E	Quad 1: slot excavated to natural
1067	8/9	–	8/9	digi-19 #071	NE	Quad 1: SW-facing section
1068	7/9	–	7/9	digi-19 #073	SE	Quad 1: shot along SW-facing section
1069	–	–	–	digi-19 #074	E	Working shot: excavating Quad 4, spit 1
1070	–	–	–	digi-19 #075	W	Working shot: excavating Quad 4, spit 1
1071	–	–	–	digi-19 #076	S	Working shot: excavating Quad 4, spit 1
1072	–	–	–	digi-19 #077	W	Working shot: excavating Quad 4, spit 1
1073	6/9	–	6/9	digi-19 #078	NW	Quad 4: shot post-ex of spit 1

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
1074	5/9	–	5/9	digi-19 #079	SW	Quad 4: shot post-ex of spit 1
1075	4/9	–	4/9	–	SE	Quad 1: W-facing section showing slot at base
1076	3/9	–	3/9	digi-19 #080	W	Quad 4: mid-excavation shot
1077	–	–	–	digi-19 #081	NE	Quad 1: SW-facing section excavated down to natural
1078	–	–	–	digi-19 #082	NE	Quad 1: SW-facing section excavated down to natural
1079	–	–	–	digi-19 #083	NE	Quad 1: SW-facing section excavated down to natural
1080	–	–	–	digi-19 #084	NE	Quad 1: SW-facing section excavated down to natural
1081	–	–	–	digi-19 #086	SE	Quad 1: NW-facing section excavated down to natural
1082	–	–	–	digi-19 #087	SE	Quad 1: NW-facing section excavated down to natural
1083	–	–	–	digi-19 #088	SE	Quad 1: NW-facing section excavated down to natural
1084	2/9	–	2/9	digi-19 #091	S	Quad 1: all cairn stones removed
1085	1/9	–	1/9	digi-19 #092	W	Quad 1: all cairn stones removed

9.10 Film #10

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
1086	36/10	36/10	–	digi-19 #093	–	ID shot: film #10.
1087	–	35/10	–	digi-19 #094	W	Quad 4: mid-excavation shot.
1088	–	34/10	–	digi-19 #095	NW	Quad 4: mid-excavation shot.
1089	33/10	33/10	–	digi-19 #096	W	Quad 4: mid-excavation shot.
1090	32/10	32/10	–	digi-19 #097	W	Quad 4: close-up shot showing stones more structured towards centre.
1091	31/10	31/10	–	digi-19 #098	W	Quad 4: rough kerb on E side.
1092	30/10	30/10	–	digi-19 #099	W	Deposit (106) extending beyond Quad 3 and Quad 4.
1093	29/10	29/10	–	digi-19 #100	N	Deposit (106) in Quad 3.
1094	28/10	28/10	–	digi-19 #101	NE	Deposit (106) in Quad 1.
1095	27/10	27/10	–	digi-19 #102	SE	Deposit (106) in section.
1096	26/10	26/10	–	digi-19 #103	SE	Deposit (106) in section close-up.
1097	25/10	25/10	–	digi-19 #104	W	Deposit (104) in Quad 4.
1098	24/10	24/10	–	digi-19 #105	W	Deposit (104) in Quad 5.
1099	23/10	23/10	–	digi-19 #106	W	Quad 4: E-facing section.
1100	22/10	22/10	–	digi-19 #107	W	Quad 4: E-facing section close up of interlocking and upright slabs.
1101	21/10	21/10	–	digi-19 #108	SW	Quad 4: NE-facing section.
1102	20/10	20/10	–	digi-19 #109	SW	Quad 4: NE-facing section.
1103	19/10	19/10	–	digi-19 #110	SW	Quad 4: NE-facing section.
1104	18/10	18/10	–	digi-19 #111	W	Grey clay deposit to NE of cairn.
1105	17/10	17/10	–	digi-19 #112	E	Quad 2: (107), (108) and possible cist.

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
1106	16/10	16/10	–	digi-19 #113	S	Quad 2: pre-ex shot of possible cist.
1107	15/10	15/10	–	digi-19 #114	N	Quad 2: pre-ex shot of possible cist.
1108	14/10	14/10	–	digi-19 #115	N	Quad 2: pre-ex shot of possible cist.
1109	13/10	13/10	–	digi-19 #116	W	EVAL SHOT Post-ex conditions.
1110	12/10	12/10	–	digi-19 #117	E	EVAL SHOT Post-ex conditions.
1111	11/10	11/10	–	digi-19 #118	–	EVAL SHOT Post-ex conditions.
1112	10/10	10/10	–	digi-19 #119	–	EVAL SHOT Post-ex conditions.
1113	9/10	9/10	–	digi-19 #120	–	EVAL SHOT Post-ex conditions.
1114	8/10	8/10	–	digi-19 #121	–	EVAL SHOT Post-ex conditions.
1115	7/10	7/10	–	digi-19 #122	–	EVAL SHOT Post-ex conditions.
1116	6/10	6/10	–	digi-19 #123	–	EVAL SHOT Post-ex conditions.
1117	5/10	5/10	–	digi-19 #124	–	EVAL SHOT Post-ex conditions.
1118	4/10	4/10	–	digi-19 #125	–	EVAL SHOT Post-ex conditions.
1119	3/10	3/10	–	digi-19 #126	–	EVAL SHOT Post-ex conditions.
1120	2/10	2/10	–	digi-19 #127	–	EVAL SHOT Post-ex conditions.
1121	1/10	1/10	–	digi-19 #128	–	EVAL SHOT Post-ex conditions.
1122	–	–	–	digi-19 #129	–	EVAL SHOT Post-ex conditions.
1123	–	–	–	digi-19 #130	–	EVAL SHOT Post-ex conditions.

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
1124	–	–	–	digi-19 #131	–	EVAL SHOT Post-ex conditions.
1125	–	–	–	digi-19 #132	–	EVAL SHOT Post-ex conditions.
1126	–	–	–	digi-19 #133	–	EVAL SHOT Post-ex conditions.
1127	–	–	–	digi-19 #134	–	EVAL SHOT Post-ex conditions.
1128	–	–	–	digi-19 #135	–	EVAL SHOT Post-ex conditions.
1129	–	–	–	digi-19 #136	–	EVAL SHOT Post-ex conditions.
1130	–	–	–	digi-19 #137	–	EVAL SHOT Post-ex conditions.
1131	–	–	–	digi-19 #138	–	EVAL SHOT Post-ex conditions.
1132	–	–	–	digi-19 #139	–	EVAL SHOT Post-ex conditions.
1133	–	–	–	digi-19 #140	–	EVAL SHOT Post-ex conditions.
1134	–	–	–	digi-19 #141	–	EVAL SHOT Post-ex conditions.
1135	35/11	35/11	–	digi-19 #143	W	Quad 3: pre-ex shot.
1136	34/11	34/11	–	digi-19 #144	NW	Quad 3: post-ex of spit 1.
1137	33/11	33/11	–	digi-19 #145	SE	Quad 3: post-ex of spit 1.
1138	32/11	32/11	–	digi-19 #146	S	Quad 3: post-ex of spit 1.
1139	31/11	31/11	–	digi-19 #148	SE	Quad 2: mid-ex shot.
1140	30/11	30/11	–	digi-19 #149	S	Quad 2: mid-ex shot.
1141	29/11	29/11	–	digi-19 #150	E	Quad 2: mid-ex shot.
1142	28/11	28/11	–	digi-19 #151	SW	Quad 2: mid-ex shot.
1143	27/11	27/11	–	digi-19 #152	W	Quad 3: mid-ex shot.
1144	26/11	26/11	–	digi-19 #153	SE	Quad 3: mid-ex shot.
1145	25/11	25/11	–	digi-19 #155	NW	Quad 3: mid-ex shot showing kerb.

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
1146	24/11	24/11	–	digi-19 #156	SW	Quad 3: close-up shot of kerb.
1147	23/11	23/11	–	digi-19 #157	NE	Quad 3: close-up shot of kerb.
1148	22/11	22/11	–	digi-19 #158	S	Quad 3: close-up shot of kerb.
1149	21/11	21/11	–	digi-19 #159	S	Quad 3: close-up shot of kerb.
1150	20/11	20/11	–	digi-19 #160	SW	Quad 2: layer (103).
1151	19/11	19/11	–	digi-19 #161	NE	Quad 2: layer (103).
1152	18/11	18/11	36/14	digi-19 #162	W	Quad 3: shot of kerb with cist (in Quad 2) to rear
1153	17/11	17/11	–	digi-19 #163	S	Quad 3: shot of kerb and lowest level of cairn.
1154	16/11	16/11	–	digi-19 #164	NE	Quad 3: shot of kerb and lowest level of cairn.
1155	15/11	15/11	–	digi-19 #165	W	Deposits beneath cairn with cists to rear.
1156	14/11	14/11	–	digi-19 #166	W	Deposits beneath cairn with cists to rear.
1157	13/11	13/11	–	digi-19 #167	NW	Deposits beneath cairn with cists to rear.
1158	–	–	–	digi-19 #168	NW	Deposits beneath cairn with cists to rear.
1159	12/11	12/11	–	digi-19 #169	E	Cist
1160	11/11	11/11	35/14	digi-19 #170	SW	Cist and removed cairn.
1161	–	10/11	–	digi-19 #171	SSW	Cist and removed cairn.
1162	10/11	9/11	34/14	digi-19 #173	SE	Cist and removed cairn.
1163	8/11	8/11	32/14	digi-19 #176	NNW	Cist and removed cairn.
1164	7/11	7/11	31/14	digi-19 #177	NW	Detail of cist.
1165	6/11	6/11	30/14	digi-19 #178	W	Detail of cist.
1166	5/11	5/11	29/14	digi-19 #179	NE	Detail of cist.
1167	4/11	4/11	28/14	digi-19 #181	SSE	Detail of cist.

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
1168	3/11	3/11	27/14	digi-19 #182	S	Detail of cist.
1169	2/11	2/11	26/14	digi-19 #183	W	Detail of cist.
1170	1/11	1/11	25/14	digi-19 #184	W	Detail of cist.

9.11 Film #11

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
1244	36/11	–	36/11	digi-19 #142	–	ID shot: film #11.
1245	–	–	–	digi-19 #147	NW	Quad 2: general shot.
1246	–	–	–	digi-19 #154	N	Welcome to the <i>Costa del Caithness</i> .
1247	–	–	–	digi-19 #172	NW	Working shot: James.
1248	9/11	–	33/14	digi-19 #174	NNW	Cist and removed cairn.
1249	–	–	–	digi-19 #175	W	Cist and removed cairn.
1250	–	–	–	digi-19 #180	–	Void: blurred.
1251	–	–	–	digi-63 #070	WSW	Quad 3: mid-excavation shot.
1252	–	–	–	digi-63 #071	WSW	Quad 3: mid-excavation shot.
1253	16/9	–	16/9	–	NW	Quad 1: all stones removed.
1254	32/12	–	–	–	SSE	Cist: pre-excavation shots.

9.12 Film #12

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
1171	37/12	24/12	–	digi-19 #185	–	ID shot: film #12.
1172	36/12	23/12	24/14	digi-19 #186	SW	Cist: pre-excavation shots.
1173	35/12	22/12	23/14	digi-19 #187	W	Cist: pre-excavation shots.
1174	34/12	21/12	22/14	digi-19 #188	NNE	Cist: pre-excavation shots.
1175	33/12	20/12	–	digi-19 #189	SSE	Cist: pre-excavation shots.
1176	31/12	19/12	21/14	digi-19 #190	–	Cist: pre-excavation shots.
1177	30/12	18/12	–	digi-19 #191	W	Cist: mid-ex shot.
1178	–	17/12	–	digi-19 #192	W	Cist: mid-ex shot.
1179	29/12	16/12	–	digi-19 #193	N	Cist: mid-ex shot.
1180	28/12	–	–	digi-19 #194	N	Cist: mid-ex shot.
1181	27/12	15/12	20/14	digi-19 #195	SW	Working shot: including deposit (103)/(104) by cist.
1182	26/12	14/12	–	digi-19 #196	–	Working shot: including deposit (103)/(104) by cist.
1183	25/12	13/12	19/14	digi-19 #197	SSW	Cist: post-ex shot.
1184	24/12	12/12	18/14	digi-19 #198	E	Cist: post-ex shot.
1185	23/12	11/12	17/14	digi-19 #199	–	Cist: post-ex shot.
1186	22/12	10/12	16/14	digi-19 #200	W	Cist: post-ex shot.
1187	21/12	9/12	–	digi-19 #201	–	Cist: post-ex shot.
1188	20/12	8/12	–	digi-19 #202	–	Cist: post-ex shot.
1189	19/12	7/12	–	digi-19 #203	–	Cist: post-ex shot.
1190	18/12	6/12	–	digi-19 #204	W	Cist: post-ex shot.
1191	–	–	–	digi-19 #205	N	Working shot: James and Genevive recording cist.
1192	–	–	–	digi-19 #206	NNW	Working shot: James and Genevive recording cist.
1193	–	–	–	digi-19 #207	NNW	Working shot: James and Genevive recording cist.
1194	–	–	–	digi-19 #208	N	Working shot: James and Genevive recording cist.

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
1195	–	–	–	digi-19 #209	N	Working shot: James and Genevive recording cist.
1196	–	–	–	digi-19 #210	N	Working shot: James and Genevive recording cist.
1197	–	–	–	digi-19 #211	N	Working shot: James recording cist.
1198	17/12	5/12	15/14	digi-19 #212	NE	Cist showing cut.
1199	16/12	4/12	–	digi-19 #213	–	Cist showing cut.
1200	15/12	3/12	–	digi-19 #214	–	Cist showing cut.
1201	–	–	–	digi-19 #215	W	Working shot: Jurgen excavating cist.
1202	–	–	–	digi-19 #216	–	Working shot: Genevive and Jurgen excavating cist.
1203	–	–	–	digi-19 #217	N	Working shot: Genevive and Jurgen excavating cist.
1204	–	–	–	digi-19 #218	S	Working shot: Genevive and Jurgen excavating cist.
1205	–	–	–	digi-19 #219	SW	Working shot: Jurgen excavating cist.
1206	14/12	2/12	–	digi-19 #220	–	Cist: one side removed.
1207	–	1/12	–	–	–	Working shot: James and Jurgen excavating and recording cist.

9.13 Film #13

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
1208	–	24/13	–	–	–	ID shot: film #13.
1209	13/12	23/13	–	digi-19 #221	–	Stone-lined pit of cist [116].
1210	12/12	22/13	–	digi-19 #222	–	Stone-lined pit of cist [116].
1211	11/12	21/13	–	digi-19 #223	–	Excavated pit [116].
1212	10/12	20/13	–	digi-19 #224	–	Excavated pit [116].
1213	9/12	19/13	–	digi-19 #225	–	Excavated pit [116].
1214	8/12	18/13	–	digi-19 #226	–	Excavated pit [116].
1215	7/12	17/13	–	digi-19 #227	–	Excavated pit [116].
1216	6/12	16/13	–	digi-19 #228	SW	Site 36: general shot of area post-ex.
1217	5/12	15/13	–	digi-19 #229	S	Site 36: general shot of area post-ex.
1218	4/12	14/13	–	digi-19 #230	NW	Site 36: general shot of area post-ex.
1219	3/12	13/13	–	digi-19 #231	NW	Site 36: general shot of area post-ex.
1220	–	–	–	digi-19 #232	SW	General shot of Dounreay.
1221	–	–	–	digi-19 #233	SW	General shot of Dounreay.
1222	2/12	12/13	–	digi-19 #234	WSW	Shot of Scheduled Ancient Monument.
1223	1/12	11/13	–	digi-19 #235	WSW	Shot of Scheduled Ancient Monument.
1224	–	–	–	digi-19 #236	–	Site 36: cist pit [116] re-filled.
1225	–	–	–	digi-19 #237	W	Site 36: cist pit [116] re-filled.
1226	–	–	–	digi-19 #238	SW	Scheduled Ancient Monument: general shots of enclosure.
1227	–	–	–	digi-19 #239	WSW	Scheduled Ancient Monument: general shots of enclosure.

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
1228	–	–	–	digi-19 #240	NW	Scheduled Ancient Monument: general shots of enclosure.
1229	–	–	–	digi-19 #241	NW	Scheduled Ancient Monument: general shots of enclosure.
1230	–	–	–	digi-19 #242	ENE	Cist: mid-ex shot.
1231	–	–	–	digi-19 #243	N	Cist: mid-ex shot.
1232	–	–	–	digi-19 #244	DOWN	Cist: mid-ex shot.
1233	–	–	–	digi-19 #245	N	Cist: mid-ex shot.
1234	–	–	–	digi-19 #246	N	Cist: mid-ex shot.
1235	–	–	–	digi-19 #003	W	Working shot: using the EDM.
1236	–	–	–	digi-19 #004	W	Working shot: using the EDM.
1237	–	–	–	digi-19 #005	W	Dounreay general shot.
1238	–	–	–	digi-19 #006	W	Landfill general shot.
1239	–	–	–	digi-19 #007	NW	Working shot: de-turfing.
1240	–	–	–	digi-19 #072	NE	Quad 1: SW-facing section.
1241	–	–	–	digi-19 #085	NE	Quad 1: SW-facing section excavated down to natural.
1242	–	–	–	digi-19 #089	SE	Quad 1: NW-facing section excavated down to natural.
1243	–	–	–	digi-19 #090	SE	Quad 1: NW-facing section excavated down to natural.

9.14 Film #14

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
1000	36/4	–	36/4	digi-19 #001	/	ID shot: film #14
1001	–	–	–	digi-19 #002	W	Working shot: using the EDM
1002	–	–	–	digi-19 #008	N	Quad 3 of cairn: general shot
1003	35/4	–	35/4	digi-19 #009	N	Dark deposit to SE of cairn
1004	34/4	–	34/4	digi-19 #010	W	E-facing side of cairn: general shot
1005	33/4	–	33/4	digi-19 #011	S	N-facing side of cairn: general shot
1006	32/4	–	32/4	digi-19 #012	E	W-facing side of cairn: general shot
1007	31/4	–	31/4	–	N	WATCHING BRIEF SHOT S-facing section of bank
1008	30/4	–	30/4	digi-19 #013	SSW	Site 36: general shot
1009	29/4	–	29/4	digi-19 #014	N	Site 36: general shot
1010	28/4	–	28/4	digi-19 #015	N	Site 36: general shot
1011	27/4	–	27/4	digi-19 #016	N	Site 36: general shot
1012	26/4	–	26/4	digi-19 #017	NNW	Site 36: general shot
1013	25/4	–	25/4	digi-19 #018	NNW	Site 36: general shot
1014	24/4	–	24/4	digi-19 #019	NNW	Site 36: general shot
1015	23/4	–	23/4	digi-19 #020	NNW	Site 36: general shot
1016	22/4	–	22/4	digi-19 #021	NNW	Site 36: general shot
1017	21/4	–	21/4	digi-19 #022	N	Close-up of stones of cairn
1018	20/4	–	20/4	digi-19 #023	N	Close-up of stones of cairn
1019	19/4	–	19/4	digi-19 #024	S	Possible strut on E edge of cairn
1020	18/4	–	18/4	digi-19 #025	W	Possible strut on E edge of cairn
1021	17/4	–	17/4	digi-19 #026	W	Working shot: using the EDM

Photo no.	Colour Slide	Colour Print	B & W	Digital	Direction Facing	Description
1022	16/4	–	16/4	digi-19 #027	W	Working shot: using the EDM
1023	15/4	–	15/4	digi-19 #028	NE	Quad 1: shot post-ex of spit 1
1024	14/4	–	14/4	digi-19 #029	NE	Quad 1: shot post-ex of spit 1
1025	13/4	–	13/4	digi-19 #030	SW	Possible strut on E edge of cairn
1026	12/4	–	12/4	digi-19 #031	NE	Quad 1: shot post-ex of spit 1
1027	11/4	–	11/4	digi-19 #032	N	Quad 1: close-up of cairn stones
1028	10/4	–	10/4	digi-19 #033	NW	Quad 1: shot post-ex of spit 1
1029	9/4	–	9/4	digi-19 #034	SE	Quad 1: shot post-ex of spit 1
1030	8/4	–	8/4	digi-19 #035	S	Quad 2: sloping stones at periphery
1031	7/4	–	7/4	digi-19 #036	NE	Quad 1: shot post-ex of spit 2
1032	6/4	–	6/4	digi-19 #037	NNE	Quad 1: close-up of stones on W side
1033	/	–	/	/	/	/
1034	5/4	–	5/4	digi-19 #038	NW	Quad 1: close up of cairn stones
1035	4/4	–	4/4	digi-19 #039	W	Quad 1: shot post-ex of spit 2
1036	3/4	–	3/4	digi-19 #040	SE	Quad 1: shot post-ex of spit 2
1037	2/4	–	2/4	digi-19 #041	N	Dark deposit to SE of cairn
1038	1/4	–	1/4	digi-19 #042	NW	Dark deposit to SE of cairn

10 APPENDIX 3 – CONTENTS REGISTER

Context No.	Description
Evaluation	
001	Topsoil.
002	Modern pit in TR101.
003	Fill of [002].
004	Cut of pit in TR103.
005	Fill of pit [004] in TR103.
006	Cut of pit in TR103.
007	Fill of pit [006] in TR103.
008	Cut of pit in TR103.
009	Fill of pit [008] in TR103.
010	Hedgerow in access road trench.
011	Fill of (010).
012	Field drain running through TR212.
013	Cut of feature in TR243.
014	Fill of feature [013] in TR243.
015	Cut of linear feature in lay down area.
016	Fill of linear feature [015].
017	Cut of linear feature in TR116.
018	Fill of linear feature [017] in TR116.
019	Cut of linear feature in TR135.
020	Fill of linear feature [019] in TR135.
021	Clearance cairn.
022	Cut of large oval feature in TR131.
023	Primary fill of [022].
024	Secondary fill of [022].
025	Tertiary/basal fill of [022].
026	Stone slabs lining [022].
027	Cut of shallow linear in TR181.

Context No.	Description
028	Fill of [027].
029	Cut of (modern?) linear in TR181.
030	Fill of [029].
031	Cut of (modern?) linear in TR126.
032	Fill of [031].
033	Cut of linear in TR131.
034	Primary fill of linear [033].
035	Secondary fill of linear [033].
036	Cut of circular feature in TR131.
037	Fill of [036].
Excavation	
100	Turf and topsoil of mound.
101	A mid brown soft sandy clay fill within cairn (around stones) 102.
102	The main stone make-up of cairn comprising large poorly sorted stone slabs of mixed size up to 1 m x 0.70 m x 0.10m. These form an uneven series of layers up to 0.65 m high. Towards the centre of the cairn these stones form a more formal layering around the central cist, almost leaning against the sides of the cist slabs.
103	A layer of firm yellow clay recorded below the cairn stones 102. The layer was between 0.05 m and 0.12 m thick over layer 104.
104	A thin firm black clayey silt layer below the yellow clay 103 forming a base layer below the stone cairn 102.
105	A small diffuse area of compact black silt with possible charcoal fleck inclusions. Possibly same as 104.
106	Compact grey-orange sandy clay recorded over the outer edges of the stone cairn 102. Also extended beyond the cairn to the SE. Possibly relating to the final phase of the cairn construction.
107	Compact yellow-orange sandy clay recorded in Quad 2 over the stone cairn 101 and to the west of the cist. Possibly upcast from the disturbance of the cist.
108	Compact yellow-orange sandy clay recorded in Quad 2 similar to 107.
109	A spread of fairly compact grey clay deposit with possible organic material inclusions recorded to the NE of the cairn. The area was approximately 3 m x 1 m and 0.11 m thick.

Context No.	Description
110	A soft mid-brown sandy silt fill forming the upper fill of the cist, 0.6 m deep. Probably formed from backfilling after the cist was opened as very similar to fill 101.
111	Soft mid-grey slightly sandy silt fill forming the lower fill of the cist 113. Likely to represent the original fill of the cist.
112	Capstone of cist comprising a very weathered sub-rectangular flagstone which had been disturbed as it had been moved off the top of the cist.
113	A stone-lined cist structure located to the NW of the central point of the cairn. The cist comprised of four main side slabs forming a rectangular chamber 1.1 m x 0.66 m and aligned roughly E-W. The cist also included a number of further upright flagstones forming an outer support for the main slabs. The cist was cut into the natural clay deposit. The cist also included a flagstone base.
114	A fairly compact spread of brown clayey silt abutting the SE edge of the cairn. Possibly the same material as 109.
115	A moderately compact mid-grey silty clay forming the fill of cut [116] and recorded below the base slab of the cist and the stone lining 117. This is fill was up to 0.25 m thick forming the original fill of the cist cut.
116	A sub-rectangular cut with very steep to vertical sides and a sloping base with sharp breaks of slope. This cuts the natural yellow clay and forms the pit for cist [113]. It measures 1.4 m x 1 m x 0.28 m and was lined with packing stones 117 and a grey clay 115 to support the upright flagstones of the cist.
117	Stone lining of cist cut [116] comprising sub-rounded boulders and flagstones lining the edge of the cist cut 116. Formed to provide support for the main cist flagstone uprights 113.

11 APPENDIX 4 – DRAWING REGISTER

Drawing no.	S/P	Description
1	S	Section through topsoil/turf of cairn
2	P	Pre ex plan of cairn
3	S	Section through SW facing features in Tr. 181
4	P	Plan of shallow linear cut 027
5	S	Section through NE facing cut 029 Tr 181
6	P	Plan of cut 029 in Tr 181
7	S	Section through linear cut 031 in Tr. 126
8	P	Plan of oval feature 022
9	S	North facing section through oval feature 022 and linear cut 033
10	S	West facing section through pit cut 036
11	P	Post-ex plan of cut 022
12	S	E facing section of Quad 4 (3 sheets) of cairn
13	S	N facing section of Quad 4 (a+b)
14	P	Plan of quad 2 of cairn after partial excavation
15	P	Plan of Quad 2 of cairn after partial excavation
16	P	Plan of Quad 3 of cairn after partial excavation
17	P	Plan of Quad 3 of cairn after further partial excavation
18	P	Pre-excavation plan of Cist feature
19	S	S facing elevation of Cist feature
20	S	E facing elevation of Cist feature
21	P	Mid-excavation plan of Cist
22	P	Mid-excavation plan of Cist
23	P	Plan of Cist and Cut 116
24	P	Plan of base of cist and stone lining
25	P	Post-excavation plan of cist cut 116
26	S	N facing section through Quad 1 of cairn
27	S	N facing section through Quad 1 of cairn

12 APPENDIX 5 – SAMPLE REGISTER

Sample no.	Context no.	Amount	bags/box
1	101	10	–
2	24	2	–
3	25	2	–
4	25	2	–
5	25	2	–
6	25	2	–
7	101	2	–
8	28	2	–
9	25	4	2
10	24	4	2
11	25	2	–
12	25	10	–
13	30	8	–
14	106	–	–
15	103	10	–
16	103	10	–
17	104	10	–
18	104	10	–
19	105	5	–
20	106	–	–
21	101	6	3
22	101	2	–
23	108	–	–
24	107	15	2
25	101	10	–
26	101	10	–
27	101	10	–
28	101	10	–

Sample no.	Context no.	Amount	bags/box
29	101	10	–
30	101	10	–
31	101	–	–
32	101	–	–
33	101	–	–
34	101	–	–
35	101	10	–
36	101	10	–
37	103	2	–
38	103	2	–
39	104	2	–
40	104	2	–
41	104	2	–
42	104	2	–
43	104	2	–
44	104	2	–
45	106	2	–
46	104	2	–
47	110	200	20
48	104	2	–
49	110	90	6
50	103	–	–
51	104	–	–
52	111	–	–
53	110	–	–
54	115	–	–

13 APPENDIX 6 – LIST OF PHOTOGRAPHS FOR THE CONDITION SURVEY

No.	C/S	C/P	Digital	Facing	Description
1	26/6	27/6	digi-63 #008	S	Condition survey from N at cliff edge at W end of site. Ground conditions fairly wet.
2	25/6	25/6	digi-63 #009	S	Condition survey from N looking at second borehole from the cliff edge. Ground conditions fairly wet.
3	24/6	24/6	digi-63 #010	N	Condition survey from S looking on E-running access track. Ground conditions soft and wet.
4	23/6	23/6	digi-63 #011	S	Condition survey from N looking on E-running access track. Ground conditions fairly wet.
5	22/6	22/6	digi-63 #012	S	Condition survey from N looking on E-running access track. Ground conditions fairly wet.
6	21/6	21/6	digi-63 #013	SE	Condition survey from E-running access track.
7	20/6	20/6	digi-63 #014	NW	Condition survey from E-running access track. Shorter grass, slightly dryer.
8	19/6	19/6	digi-63 #015	E	Condition survey from NW-running access road. Shorter grass, slightly dryer.
9	18/6	18/6	digi-63 #016	NW	Condition survey from NW-running access road. Conditions including wet patches.
10	17/6	17/6	digi-63 #017	NW	Condition survey from top of dyke. Scrub grass and fairly wet.
11	16/6	16/6	digi-63 #018	NW	Condition survey To E of dyke looking NW. Ground conditions fairly wet scrub grass.
12	15/6	15/6	digi-63 #019	NE	Condition survey Field drain showing very wet ground.
13	14/6	14/6	digi-63 #020	NW	Condition survey Field drain. Ground conditions very wet scrub grass.
14	13/6	13/6	digi-63 #021	NW	Condition survey E of dyke. Ground conditions fairly wet scrub grass.
15	12/6	12/6	digi-63 #022	SW	Condition survey By cliffside. Scrub grass with patches of standing water.
16	11/6	11/6	digi-63 #023	SW	Condition survey By cliffside. Ground conditions fairly wet scrub grass.

No.	C/S	C/P	Digital	Facing	Description
17	10/6	10/6	digi-63 #024	S	Condition survey By cliffside. Ground conditions fairly wet scrub grass.
18	9/6	9/6	digi-63 #025	N	Condition survey Area of exposed natural, very wet.
19	8/6	8/6	digi-63 #026	S	Condition survey By cliffside Ground conditions fairly wet scrub grass.
20	7/6	7/6	digi-63 #027	SSW	Condition survey Field drain showing standing water.
21	6/6	6/6	digi-63 #028	S	Condition survey Area of drainage. Exposed soil and very wet.
22	5/6	5/6	digi-63 #029	S	Condition survey General shot of cliffside. Ground conditions fairly wet scrub grass.
23	4/6	4/6	digi-63 #030	S	Condition survey Area of drainage. Exposed soil and fairly wet.
24	3/6	3/6	digi-63 #031	S	Condition survey Area of drainage. Exposed soil and fairly wet.
25	2/6	2/6	digi-63 #032	S	Condition survey Area of drainage. Exposed soil and fairly wet.
26	1/6	1/6	digi-63 #033	S	Condition survey Area of drainage. Exposed soil with wet patches.
27	–	–	digi-22 #090	N	Condition survey of area to N of landfill 42 (between E and W drains) Weather wet and very windy, boggy underfoot in places, numerous drainage channels in addition to main ones on plan.
28	–	–	digi-22 #091	N	" "
29	–	–	digi-22 #092	NE	" "
30	–	–	digi-22 #093	E	" "
31	13/10	13/10	digi-19 #116	W	Post-excavation conditions of evaluation trenches.
32	12/10	12/10	digi-19 #117	E	Post-excavation conditions of evaluation trenches.
33	11/10	11/10	digi-19 #118	–	Post-excavation conditions of evaluation trenches.

No.	C/S	C/P	Digital	Facing	Description
34	10/10	10/10	digi-19 #119	–	Post-excavation conditions of evaluation trenches.
35	9/10	9/10	digi-19 #120	–	Post-excavation conditions of evaluation trenches.
36	8/10	8/10	digi-19 #121	–	Post-excavation conditions of evaluation trenches.
37	7/10	7/10	digi-19 #122	–	Post-excavation conditions of evaluation trenches.
38	6/10	6/10	digi-19 #123	–	Post-excavation conditions of evaluation trenches.
39	5/10	5/10	digi-19 #124	–	Post-excavation conditions of evaluation trenches.
40	4/10	4/10	digi-19 #125	–	Post-excavation conditions of evaluation trenches.
41	3/10	3/10	digi-19 #126	–	Post-excavation conditions of evaluation trenches.
42	2/10	2/10	digi-19 #127	–	Post-excavation conditions of evaluation trenches.
43	1/10	1/10	digi-19 #128	–	Post-excavation conditions of evaluation trenches.
44	–	–	digi-19 #129	–	Post-excavation conditions of evaluation trenches.
45	–	–	digi-19 #130	–	Post-excavation conditions of evaluation trenches.
46	–	–	digi-19 #131	–	Post-excavation conditions of evaluation trenches.
47	–	–	digi-19 #132	–	Post-excavation conditions of evaluation trenches.
48	–	–	digi-19 #133	–	Post-excavation conditions of evaluation trenches.
49	–	–	digi-19 #134	–	Post-excavation conditions of evaluation trenches.
50	–	–	digi-19 #135	–	Post-excavation conditions of evaluation trenches.
51	–	–	digi-19 #136	–	Post-excavation conditions of evaluation trenches.

No.	C/S	C/P	Digital	Facing	Description
52	–	–	digi-19 #137	–	Post-excavation conditions of evaluation trenches.
53	–	–	digi-19 #138	–	Post-excavation conditions of evaluation trenches.
54	–	–	digi-19 #139	–	Post-excavation conditions of evaluation trenches.
55	–	–	digi-19 #140	–	Post-excavation conditions of evaluation trenches.
56	–	–	digi-19 #141	–	Post-excavation conditions of evaluation trenches.
57	–	–	digi-19 #238	SW	Scheduled Ancient Monument: general shots of enclosure.
58	–	–	digi-19 #239	WSW	Scheduled Ancient Monument: general shots of enclosure.
59	–	–	digi-19 #240	NW	Scheduled Ancient Monument: general shots of enclosure.
60	–	–	digi-19 #241	NW	Scheduled Ancient Monument: general shots of enclosure.

14 APPENDIX 7 – DISCOVERY AND EXCAVATION IN SCOTLAND REPORT

LOCAL AUTHORITY:	Highland Council
PROJECT TITLE/SITE NAME:	Nuclear Low Level Waste site, Dounreay, Highlands
PROJECT CODE:	NLLW10
PARISH:	Reay
NAME OF CONTRIBUTOR:	Donald Wilson
NAME OF ORGANISATION:	Headland Archaeology Ltd
TYPE(S) OF PROJECT:	Evaluation and Excavation
NMRS NO(S):	
SITE/MONUMENT TYPE(S):	Prehistoric cairn
SIGNIFICANT FINDS:	Cist
NGR (2 letters, 8 or 10 figures)	NC 9930 6790
START DATE (this season)	October 2010
END DATE (this season)	October 2010
PREVIOUS WORK (incl. <i>DES</i> ref.)	An Environmental Statement for the proposed development was undertaken in 2005 by Jacobs Babbie (Rees 2005)
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	<p>Headland Archaeology undertook a series of archaeological investigations in advance of construction of new low level waste facilities (NLLWF) adjacent to Dounreay Nuclear facility, Highlands. The work carried out included a series of evaluation trenches across the development area amounting to 6% of the total area and full hand excavation of Site 36, a small grass covered mound.</p> <p>The evaluation of 141 trenches across the site resulted in the identification of a single small pit that was thought to be a disturbed cist. A number of linear features were also recorded although these were mostly either natural fault lines or drainage channels.</p> <p>Further work included the excavation of a substantial circular cairn of interleaving stone slabs 10 m in diameter standing to a maximum height of 0.65 m. Within the cairn was a single stone-lined cist that on excavation was found to have been disturbed. No evidence of human remains or any significant artefacts were recorded within the cist.</p>

PROPOSED FUTURE WORK:	none
CAPTION(S) FOR ILLUSTRS:	
SPONSOR OR FUNDING BODY:	Dounreay Site Restoration Ltd
ADDRESS OF MAIN CONTRIBUTOR:	13 Jane Street Edinburgh EH6 5HE Scotland
EMAIL ADDRESS:	sorina.spanou@headlandarchaeology.com
ARCHIVE LOCATION (intended/deposited)	NMRS