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## **Tullos Hill, Aberdeen**

### **Archaeological Works associated with Gorse Clearance, Tree Planting and Path Formation**

**Report No. 2192**

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## **1. INTRODUCTION**

### **1.1 General**

This report presents the results of archaeological fieldwork undertaken by CFA Archaeology Ltd (CFA) between April 2012 and March 2013 at Tullos Hill (Loirston Country Park), Aberdeen (NGR: NJ 950 030 centred, Fig. 1). The project was commissioned by Aberdeen City Council (ACC).

A Written Scheme of Investigation (WSI) dated 11 September 2012 was produced by CFA Archaeology Ltd and approved by Judith Stones, Lead Curator, Local History and Archaeology for ACC. Demarcation of archaeological sites prior to tree felling and monitoring of felling and removal (if required) remains to be completed.

### **1.2 Background**

Tullos Hill is a prominent landmark on the southern edge of Aberdeen. Now almost surrounded by oil-related industrial estates and an active landfill site, it preserves a number of archaeological sites. These range from four Scheduled cairns (Baron's Cairn, Cat Cairn, Crab Cairn and Tullos Cairn) to a WWII prisoner of war camp. A disused landfill site lies in the centre of the hill and away from this area, much of the hill was formerly covered by dense vegetation. Parts of this have now been cleared and a programme of mixed woodland planting is underway.

An initial survey in 2004 (Suddaby 2004) has been augmented since 2012 by additional fieldwork as vegetation has been periodically cut back to allow the programme of mixed woodland planting to take place. These results are reported on here. In addition, two seasons of community excavation have taken place to investigate two of the sites located in 2004 and the results of that work are described separately (Suddaby 2010, 2012).

### **1.3 Objectives**

The objectives of the programme of archaeological works described here were

- To survey using GPS areas previously inaccessible because of gorse cover
- To map using GPS the areas where archaeological features have been affected by tree planting and overlay that information on the survey maps
- To conduct sample excavation (Test Pitting) of selected sites where damage has occurred to assess the severity of the damage
- To produce a report and map, including digital geo-referenced map, for the objectives described above.

## **2. WORKING METHODS**

### **2.1 General**

CFA Archaeology Ltd follows the Institute for Archaeologists' Code of Conduct, Standards and Guidance for Archaeological Fieldwork.

The WSI anticipated that three elements of fieldwork would be contained in this report:

- A walkover survey of areas of cut gorse and newly planted trees
- Test pitting to investigate the extent of archaeological damage during the planting process
- Selected monitoring of path formation work.

### **2.2 Gorse Clearance**

Gorse was cut by either a tractor powered flail or by a similar device mounted on a tracked excavator.

Sites thus revealed were recorded by DGPS and by completing standard CFA record forms. The extent of the planted areas was also recorded by DGPS.

A few additional sites were recorded within areas of burnt gorse. The burning of gorse was unconnected to the planned Tullos Hill fieldwork.

### **2.3 Test Pitting**

Tree-planting pits had been previously excavated by machine, with the loose excavated material being replaced in the pits by machine; the saplings had then been inserted into the backfilled pits by hand.

During the archaeological test pitting, a selection of tree-planting pits located within archaeological sites had the sapling and loose fills removed by hand to reveal undisturbed deposits. A section was then recorded. Plan drawings were completed as appropriate.

All excavation and on-site recording was carried out according to standard CFA procedures, principally by drawing, by photography and by completing standard CFA record forms. Locations were recorded by DGPS.

### **2.4 Path Formation**

The removal of soil deposits was carried out using a tracked excavator with a flat-bladed bucket.

All subsequent excavation and recording was carried out to an appropriate level according to standard CFA procedures, principally by drawing, by photography and by completing standard CFA record forms. The route of the paths were recorded by DGPS.

### **3. ARCHAEOLOGICAL RESULTS**

#### **3.1 General**

The results of the fieldwork are shown in map form on Figs. 2-3. Site numbers refer to sites recorded in the Tullos Hill Gazetteer, issued in 2004 and periodically updated since then to include subsequent survey work. An abbreviated Gazetteer, listing all the sites recorded in 2012, 2013 and relevant sites from 2004, is included below as Appendix 1.

A summary of the Test Pits is included as Appendix 2. Numbers in bold in the following text refer to contexts, a full list of which is contained in Appendix 3. The remainder of the site records form Appendices 4-5.

#### **3.2 Gorse Clearance**

The areas cleared of gorse are shown within blue, green and yellow boundaries on Figs. 2-3. An example of the clearance is shown in Fig. 5. A total of 49 new sites were recorded during the subsequent fieldwork. Not all sites were previously gorse covered: in several instances, sites were located in clearings formerly surrounded by dense gorse.

New sites comprised Sites 148 and 153-193. The vast majority of these sites were stone cairns, for example Sites 158 and 159 (Figs. 6-7). Other categories of site included a possible structure (Site 180), three field banks/walls (Site 3/74, Fig. 8, Site 163 and Site 193), three possible bomb craters (Sites 186-188), a ditch (Site 191) and an arc of stones (Site 192). Sites 3 and 74 were recorded in 2004 and gorse cutting allowed them to be linked.

Aside from the planned gorse clearance, five sites were recorded in areas of recently burnt gorse and heather. These included 4 cairns (Sites 147, 149-151) and a possible cist (Site 152, Fig. 4) located c.20m to the south of Tullos Cairn.

#### **3.3 Test Pitting**

The areas planted with trees are shown in brown, green and yellow on Figs. 2-3. The vast majority of this area lies to the south (Figs. 9-11) and east (Fig. 12) of Tullos Cairn. Following the planting, it was realised that a number of both previously recorded and unrecorded archaeological sites had been damaged. A programme of test pitting (Test Pits 1-13, Fig. 3) was undertaken within a selection of these sites to mitigate and assess this damage.

The sizes of the machine excavated tree-planting pits varied (Appendix 2) but most measured around 1.2m by 0.7m in plan and were 0.4m deep. The machine-deposited fills were removed by hand from 13 of these pits and the in situ deposits recorded. Locations are shown as yellow squares on Fig. 3 and examples of the test pits are shown in Figs. 13-16.

One test pit (Test Pit 8) in cairn Site 173 recorded what may be orthostats (Fig. 15, left side) within the cairn but the exposure was too limited in extent to fully assess these.

Only two of the test pits (Test Pits 2 and 11) reached natural subsoil. Of these, Test Pit 11 (Fig. 16) in Site 88 recorded what may be negative features. One of these (11/4) was shallow but again the exposure was too limited in extent to fully assess these.

All of the other test pits revealed varied densities of jumbled stones sealed below a variable depth of topsoil/turf. No finds were recovered and no deposits containing environmental information were recorded.

### **3.4 Path Formation**

It was agreed at a site meeting on 27 February 2013 that a watching brief would be maintained during path formation between:

- Points A-B and C-D within the ‘prongs’ of shelter-belt woodland to the north of Tullos Hill;
- Points B-F-G-H, mostly through mature woodland along the north-west edge of the hill, including where the path passed close to the roundhouse excavated as part of the Community Archaeology Project;
- Points M-N, through light woodland, gorse and bracken to the south-west of Tullos Cairn and north-east of the capped landfill area.

All these points are shown on Figs. 2-3. Path routes were marked out by Chris Piper and walked by the project archaeologist prior to the site meeting. During the walkover, existing sites were fenced off and several new sites were recorded.

At the site meeting, minor changes to the routes were agreed with the aim of avoiding several sites and minimising the requirement for archaeological work.

#### *Paths A-B and C-D*

Substantial though ruinous drystone walls (Site 58) flank the shelter-belts and the same walls border the Industrial Estates along the north-west side of Tullos Hill.

A single possible cairn (Site 200) was recorded and avoided by the path in the western shelter-belt. In the eastern shelter-belt, a stretch of consumption wall (Site 196) was recorded as was a concrete tank (Site 198). The foundations of a wall (Site 201) crossing the route of the new path and it was agreed that the wall foundations would be preserved as a step in the path.

#### *Paths B-F-G-H*

A general view of the new path where it runs through the woodland to the north of the roundhouse (Site 59) is shown in Fig. 17. To the north-west of the roundhouse, a linear ditch (Site 199) was crossed. A 6m section of the path excavation was recorded (Fig. 18). The ditch (199/1) was around 1.7m wide and 0.3m deep. There was no visible difference between the topsoil and the primary fill of the ditch (199/2). The

upper ditch fill was a deposit of leaf litter (**199/3**). No finds were recovered and there was no environmental content in the root affected fills. To the SW, a deposit of medium and large cobbles (**199/4**) with a width of 0.6m was recorded.

Between Sites 46 and 48, very large quantities of early 20th-century glass, ceramics, metal sheeting and general rubbish were recorded in and below the topsoil. This may represent an unrecorded extent of the landfill area and if so, cairn Sites 46-50 may be modern in origin. Certainly, the mature beech trees which are common elsewhere within the shelter-belt are absent from the vicinity of these sites although substantial trees are growing from within them. Ditch Site 51 also appears to be a modern feature.

The arc of boulders forming Site 54 was cut through by the path. Natural subsoil was not exposed and the single boulder removed overlay topsoil. This site may therefore be modern and could stem from the excavation of the adjacent gas main.

#### *Path M-N*

Cairn Sites 155, 156 (Fig. 19), 195 and 197 were avoided during the path excavation.

Site 114, interpreted as a trackway in 2004, was crossed by the path (Fig. 20) at a point where no structural stones were visible. Natural subsoil was not exposed but the visible deposits appeared to form part of a natural soil profile. To the south-west of the path, dead bracken was removed and a 4m length of revetment exposed (Fig. 21). This had a height of 0.3m and was composed of large orthostats with occasional flat slabs on top. This site may be a cultivation terrace rather than a trackway but the purpose remains unknown.

Site 194, a curving deposit of jumbled boulders, was crossed by the path. No natural subsoil was exposed in this area and although fewer stones were present to the north-east of the site, there was no clear indication as to its purpose.

#### 4. CONCLUSIONS

This report is intended to fulfil the WSI and update Aberdeen City Council and other interested parties on the ongoing archaeological fieldwork at Tullos Hill.

It covers the programme of field survey following gorse cutting, mitigation works following tree planting, and a watching brief during the formation of new paths.

##### *Gorse Cutting*

Forty-nine new sites were recorded following gorse cutting. This therefore represents a substantial increase in the known archaeological resource on Tullos Hill.

##### *Test Pitting*

Following tree planting, 13 test pits were excavated within archaeological sites that had been affected by this operation. The extent of the work was limited by the size of the tree-planting pits. Test pitting revealed that one cairn site (Site 173) may contain structural stonework in the form of orthostats and one, possibly modern, site (Site 88) contained negative features.

Orthostats or upright stones can occur naturally in clearance cairns where the stones are thrown or tipped into position and come to rest in a random fashion so those revealed in Site 173 may not represent a structure. It was suggested in 2004 that Site 88 could be modern and the results of the fieldwork may support this.

##### *Path Formation*

Nine new sites were recorded during the path formation process and additional information was forthcoming on eight others. Natural subsoil was rarely exposed.

##### *Further Work*

Further work will be undertaken when selected trees are felled. These are shown on plan Ref: ACC/Tullos Greenbank FLA/ 1. The extent of this work will be the subject of a future agreement.

The project archive, comprising all CFA record sheets, maps and reports will be deposited with the Royal Commission on the Ancient and Historical Monuments of Scotland (RCAHMS) and copies of reports will be lodged with ACC.

## **5. REFERENCES**

Suddaby, I 2004 *Tullos Hill, Aberdeen, Walk-Over Survey*. CFA Archaeology Ltd Report No. 906.

Suddaby, I 2010 *Tullos Hill, Aberdeen, Community Excavation Project*. CFA Archaeology Ltd Report No. 1801.

Suddaby, I 2012 *Tullos Hill, Aberdeen, Community Excavation Project*. CFA Archaeology Ltd Report No. 2112.

**APPENDIX 1: Gazetteer of Sites and Monuments on Tullis Hill recorded in 2012-13 and 2004 sites mentioned in the text**

Site No.	RCAHMS Site No.	Info Sources	Site Type	Dimensions	Description
46	N/A	Survey	Possible structure.	10m x 8m x 0.6m. E-W.	Possible structure consisting of an arc of good walling on the S side, 5m long. Scattered stones on the continuation of the arc and inside. This could be a hut circle or a clearance cairn. A Watching Brief in 2013 revealed that modern dumping has taken place in this area and that this feature may be recent.
47	N/A	Survey	Clearance Cairn	7m x 5m x 1.5m. N-S.	Oval or egg-shaped mound, consisting of stones below grass. 10m S of F48. A Watching Brief in 2013 revealed that modern dumping has taken place in this area and that this feature may be recent.
48	N/A	Survey	Clearance Cairn	10, x 6.5m x 1m. NW-SE.	This site is easily found in bare earth below large trees, 10m N of F47. An arc of boulders is present to the SE and E, possibly marking the original extent of the cairn, since robbed. Trees grow from the remains. A Watching Brief in 2013 revealed that modern dumping has taken place in this area and that this feature may be recent.
49	N/A	Survey	Clearance Cairn	8m x 5m x 1.2m. NW-SE.	Good clearance cairn in a small clearing, 30m N of F48 and 5m SSE of F50. A Watching Brief in 2013 revealed that modern dumping has taken place in this area and that this feature may be recent.
50	N/A	Survey	Clearance Cairn	7m x 7m x 1m.	Oval or egg-shaped mound, consisting of stones below grass and similar to F49. A Watching Brief in 2013 revealed that modern dumping has taken place in this area and that this feature may be recent.
51	N/A	Survey	Modern drain	c.100m x 3m.	Modern drainage ditch, 5-10m NE of F49-50. Very large stones have been removed as part of the excavation. A Watching Brief in 2013 supported the conclusion that this is a recent feature.
54	N/A	Survey	Enclosure	14m x 13m x 1m. NW-SE (possibly square).	Enclosure formed from massive boulders at the NE end of the mature trees, c.200m SW of the SITA works. Good boulder alignment at the NW side, patchy on the NE and SW sides. No remains on the SE side. A Watching Brief in 2013 cut through this site. Natural subsoil was not exposed. One boulder was removed and topsoil exposed below. The size of the boulders also suggests this site is recent.
59	N/A	Survey Excavation	Hut circle	14m x 14m x 0.6m high bank. 9m diameter internally.	This site was confirmed to be a prehistoric roundhouse (hut circle) by excavations in 2010 and 2012. On a similar contour and location to F44 which is c.25m to the SW. The bank is c.2.5m wide. Both possible entrances were disproved by the excavations. A ditch, now Site 199 with a width of 1.5m and without an associated bank runs for 25m to the NNW until cut by wall F20. A field bank F163, recorded in 2012, runs S from this site. Although it is cut by the adjacent gas main a 30m length can be found leading towards the E end of wall F12.

<b>85</b>	N/A	Survey	Cairn and Clearance Cairn	Cairn: 13m x 11m x 2m: E-W. Clearance Cairn: 5m x 4m x 0.6m	This prominent and substantial cairn appears to have remained unrecorded until the present study. An oval or crescentic clearance cairn abuts against its N side. The cairn forms a mound, comparable to other natural mounds in the area but the stones protruding from this site distinguish it. A possible robber pit in the centre measures 4m x 4m x 1m deep. Well defined, with little erosion or tumble. In 2012 gorse was cut from the surrounding area up to the edges of the cairn. Trees were planted, including in the area between the possible clearance cairn to the north and the main site. TP13 recorded the slight damage. The site is now covered with dense gorse and the internal features recorded in 2004 are no longer visible.
<b>88</b>	N/A	Survey	Test Pit	5m x 5m x 0.5m high with pit 0.6m deep.	This is one of several possible Test Pits, all located towards the E and NE of the study area. These may have been excavated in the 1960s and be associated with a proposed expansion of either quarrying or landfill operations. It could however be a pit, exposed by the removal of an overlying cairn. Damaged by tracked excavator during tree planting 2012. TP11 recorded this damage.
<b>95</b>	Part of Tullos Hill Cairnfield: NJ90SE 19	Survey	Clearance Cairn	5m x 4m x 0.6m. E-W.	Stone mound. Probable clearance cairn. Badly damaged by tree planting 2012. TP 3 recorded this damage.
<b>96</b>	Part of Tullos Hill Cairnfield: NJ90SE 19	Survey	Clearance Cairn	4.5m x 4m x 1m. NE-SW.	Stone mound. Probable clearance cairn. Badly damaged by tree planting 2012. TP 1-2 recorded this damage.
<b>114</b>	N/A	Survey	Stone revetment	72m x 2-3m with boulder revetment 0.4m high on the N side	This site was interpreted as a trackway in 2004. It appears as a terraced strip on the NW facing hillside SE of the SITA compound, just E of the landfill extent. It appears to rise over the shoulder of the hill to the SW of Tullos Cairn before turning slightly SE and running into gorse. It could not be found on the more level ground to the SE. A watching brief in 2013 recorded a natural soil profile in the area of the trackway. Very large natural boulders were also located on the supposedly terraced area. A stretch of revetting wall was exposed and recorded. The nature of this site remains uncertain but a trackway is unlikely.
<b>130</b>	Part of Tullos Hill Cairnfield NJ90SE 19	Survey: NMRS data.	Clearance Cairn	4m x 3m x 0.6m. NW-SE.	Recorded as NJ90SE 19.3: This probable clearance cairn is well formed and is c.80m NE of Tullos Cairn. Badly damaged by tree planting September 2012. Damage recorded in TP6.
<b>149</b>	N/A	Survey	Clearance Cairn	4m x 4m x 0.2m. N-S.	Located in area of burnt gorse. Very little height to this site and it might be invisible if covered with cut gorse. Composed of medium and large cobbles, partially turf covered. This site has been damaged by tree planting. TP5 was located here and recorded the damage.

167	N/A	Survey	Cairn	0.4m x ?3m x ?5m	Very badly damaged by planting. Now hard to tell dimensions or overall form of this site. Formed from mainly large stones though. TP 4 recorded damage to cairn.
<b>April 2012 Survey</b>					
147	N/A	Survey	Clearance Cairn	4m x 3m x 0.4m. N-S.	Located in area of burnt gorse. Low pile of medium sized cobbles with a few larger ones on top. No structure visible. This site is surrounded by tree pits but is undamaged.
148	N/A	Survey	Clearance Cairn	3m x 1.5m x 0.3m. NW-SE.	Small cairn, cut in half by a new metal fence surrounding the landfill operations to the NE of the survey area. Some stones have been dispersed to the N by machine action but many are visible in the exposed section
149	N/A	Survey	Clearance Cairn	4m x 4m x 0.2m. N-S.	Located in area of burnt gorse. Very little height to this site and it might be invisible if covered with cut gorse. Composed of medium and large cobbles, partially turf covered. This site has been damaged by tree planting. TP5 was located here and recorded the damage.
150	N/A	Survey	Clearance Cairn	2m x 2m x 0.3m. N-S.	Located in area of burnt gorse. Very little height to this site and it might be invisible if covered with cut gorse. Small circular area of medium and large cobbles, some partially turf covered. This site has been damaged by tree planting.
151	N/A	Survey	Culvert?	4.5m N-S	Located in area of burnt heather to the SE of Tullos Cairn. Two shallow drainage channels merge and water runs under a large flat stone. Some 4.5m to the N, water emerges from below a second flat stone and the drainage channel continues to the N for c.6m before becoming indistinct
152	N/A	Survey	Cist (possible)	Pit 1.3m x 1.2m x 0.2m NE-SW	Located in area of burnt heather to the S of Tullos Cairn. A shallow circular pit has been exposed by burning and this has a setting of small orthostats in the base that resembles a cist. This measures 0.5m x 0.35, NE-SW.
153	N/A	Survey	Clearance Cairn	5m x 4m x 0.75m. NW-SE.	Good and substantial cairn in an open area within dense gorse. Grass and heather covered but it's all stone below
154	N/A	Survey	Clearance Cairn	4m x 4m x 0.3m. N-S.	Low circular mound of stones covered with dense dead bracken with stands of gorse nearby. No stones or structure visible.
155	N/A	Survey	Clearance Cairn	5m x 4m x 0.5m. NE-SW.	Larger circular mound of stones covered with dense dead bracken with stands of gorse nearby. Well defined. No stones or structure visible. 6m from Site 156
156	N/A	Survey	Clearance Cairn	4m x 3m x 0.3m. N-S.	Smaller but clear circular mound of stones covered with dense dead bracken with stands of gorse nearby. Well defined. No stones or structure visible. 6m from Site 155
157	N/A	Survey	Clearance Cairn?	7m x 4m x 0.5m. NE-SW.	Probable clearance cairn. Visually rather linear in form but vegetation obscures part of the outline.
158	N/A	Survey	Clearance Cairn	4m x 3m x 0.75m. NE-SW.	Well preserved and substantial cairn, half exposed by gorse cutting. The site appears to have been slightly cut along the E site by a wall associated by the post-medieval field system at the SW end of Tullos Hill. Clearly not robbed to build the wall though
159	N/A	Survey	Clearance	6m x 4m x 1m.	Well preserved and substantial cairn in grass, previously inaccessible due to dense gorse.

			Cairn	N-S.	Some stones are visible but no sign of robbing for the post-medieval field system in the area.
160	N/A	Survey	Clearance Cairn	2.5m x 2.5m x 0.6m. N-S.	Well preserved small cairn in area of cut gorse. Many stones are visible as a result of the flail passing over the site but no real damage has been done.
161	N/A	Survey	Clearance Cairn	3m x 2m x 0.4m. N-S	Small cairn which is well preserved but hard to see under tall gorse and covered with dead bracken. Several stones can be seen. Close to a badger sett.
162	N/A	Survey	Structure / Cairn	4m x 4m (internal) 8m x 4m (overall) x 0.3m. NE-SW.	Site is hard to interpret due to dense dead bracken and grass. Could be a rough structure with 4m x 4m internal dimensions as a good face of 6 stones is present (N facing) around the cleared central area. Could alternatively be a robbed clearance cairn as no external face can be found and the stones around the perimeter are jumbled.
163	N/A	Survey	Field Bank	c.30m x 1.5m x 0.4m	This site is now accessible having previously been in a clearing within dense gorse. Although cut by the gas main, this field bank appears to have intersected with Hut-Circle F59 and may therefore be prehistoric. Well preserved bank with the ground level being elevated to the E. Grass covered with occasional small stones visible
164	N/A	Survey	Clearance Cairn	3m x 2m x 0.3m. NE-SW.	Small cairn visible in an area of cut gorse. Could be situated on a bedrock knoll as bedrock outcrops occur in the area.
<b>September 2012 Survey</b>					
165	N/A	Survey	Cairn	0.4m x 3m x 4m SW-NE	Low mound of stones mostly hidden by gorse. Dead tree lies within site, Smaller stones in centre, larger on perimeter.
166	N/A	Survey	Cairn	0.6m x 4m x >4m N-S	Nice cairn, partly exposed by gorse cutting. Slight flail damage to protruding stones but not been tracked over. Mostly large stones visible.
167	N/A	Survey	Cairn	0.4m x ?3m x ?5m	Very badly damaged by planting. Now hard to tell dimensions or overall form of this site. Formed from mainly large stones though. TP 4 recorded damage to cairn.
168	N/A	Survey	Cairn	0.4m x 3m x 4m NW-SE	Cairn mostly in cut gorse but partly in uncut area. Not dug into by planter, but has been driven over and stones are crushed and displaced.
169	N/A	Survey	Cairn	0.5m x 4m x 5m	Good, clean cairn, damaged around all edges by planting. At least one tree pit could have been placed in the middle (to continue the planting grid) but hasn't. Intermittent perimeter of stones but most of surface is covered by stumps of regenerating gorse.
170	N/A	Survey	Cairn	0.3m x 3m x 4m N-S	Well formed, slightly smaller than site 169. Again, the perimeter has tree holes dug around it but there are none in the body of the cairn. Only a few probable cairn stones in spoil in tree holes so little damage.
171	N/A	Survey	Cairn	0.2m x 3m x 4m N-S	Just a scatter of stones in an area without other natural stones. No clear shape. Partly within gorse at S side. Medium sized stones.
172	N/A	Survey	Cairn	0.5m x 5m x 5m	Clear concentration of stones still with slight rounded form. Almost totally destroyed by machine pits, only some of which actually have saplings in. Varied stone sizes. TP 7

					excavated here.
173	N/A	Survey	Cairn	0.5m x 5m x 10m E-W	Less badly damaged than Site 172 but still very serious damage. Two tree pits excavated into the surface of cairn but no trees planted (due to lack of soil?). Pits with saplings around exterior. TP 8 excavated here.
174	N/A	Survey	Cairn	0.3m x 24m x 24m	Very large natural boulder with quantities of smaller stones (some still large though) piled around it. Very badly damaged by tree holes, including one without a sapling in the centre.
175	N/A	Survey	Cairn	0.3m x 2m x 2m	Small cairn noticed due to a relative lack of stones in the disturbed soils of the surrounding area. Site has been cut in half by a tree pit with pine sapling.
176	N/A	Survey	Cairn	0.4m x 4m x 4m	Good and well-defined cairn. Slight damage from flail and on upper surface where an attempt to dig a tree pit has been made but discontinued (sapling still inserted but either discontinued or backfilled very carefully). Tree pits surround the edge.
177	N/A	Survey	Cairn	0.5m x 4m x 4m	Despite having trees inserted around the edge and one in the centre, this site is still coherent and in fair condition. Flail damage. TP 9 was excavated in the centre tree hole. Only the proximity of the new landfill fence has saved this site from much worse damage. Mostly medium- large stones.
178	N/A	Survey	Cairn	0.5m x 5m x 5m	Description as site 177. Proximity to fence has saved it again. Flail damage and tree pits affect the edge of the site but not in the centre of the mound. Overall still in good condition still but was very good.
179	N/A	Survey	Cairn	0.2m x 5m x 5m	Scatter/ concentration of stones with a second scatter/ concentration (site 180) centred c.8-10m to NW. These may possibly be one site. Site 179 has been badly damaged by the insertion of tree pits, by machine passage and by the flail. Shape and definition are gone.
180	N/A	Survey	Cairn	0.2m x 6m x 6m	As site 179 and possible the same site. Concentration/ scatter of stones without similar deposits in the area, therefore probably a severely damaged cairn. No interruption to the regular pattern of gridded tree pits here.
181	N/A	Survey	Possible Structure	0.5m x 5m x 15m NW-SE	This may be a two-compartment, turf-built structure, aligned NW-SE. Compartments c.9m x 3m and 3m x 3m with banks c.1m wide. Located on sandy knoll. Badly affected by rabbits and has also been badly tracked over by the flail machine. This whole site could possibly be inflation and deflation from rabbit digging but probably is real. Two pits to SSW extending 9m from structure have upcast mounds and may be either rabbit or modern. A platform 7m x 5m (N-S) to N may be rabbit related.
182	N/A	Survey	Cairn	0.2m x 4m x 4m	A localised scatter of stones, no other similar areas of stones in the vicinity although some boulders do occur. No real height to this site but it could be well preserved below ground level.
183	N/A	Survey	Cairn	0.3m x 3m x 6m NE-SW	c.50m ENE of Tullos Cairn, close to the path. Exposed by burning of the heather, not by gorse cutting. Fairly clear oval feature including small-medium stones. Many larger stones around

					but no concentrations.
184	N/A	Survey	Stone Deposit	? x 4m x 4m	Deposit of stones 6m N of the 2004 site (Site 88) investigated by TP11. GPS trail shows extent of the visible surface stones. If the adjacent 2004 site (F88) was a Test Pit then this may be the spoil from it or if it was a cairn, the product of its removal, maybe by machine. Several tree pits in this area contain raised levels of surface stone. TP12 investigated one of these.
185	N/A	Survey	Cairn	0.25m x 3.5m x 5.5m N-S	Low mound in short heather. Just outside planted area which follows the edge of the cut gorse here. A few stones protrude through the heather and others have been exposed by a tracked excavator crossing the site. No serious damage done.
186	N/A	Survey	Bomb crater?	1m x 4m x 4m	Circular pit / depression c.1m deep from rim to base. 0.2m of water in base. Some stones around the rim but no upcast mound suggestive of manual digging. Possible bomb crater.
187	N/A	Survey	Bomb Crater	0.5m x 4m x 4m	As 186, 188. This one is the least deep but all are similar size and grouped nearby.
188	N/A	Survey	Bomb Crater	0.75m x 4m x 4m	A third possible bomb crater, located c.30m N of site 186 and 6m NE of site 187. less deep than 186 and no water in base. Same origin probably though.
189	N/A	Survey	Cairn	0.3m x 2.5m x 2.5m	Small group/ pile of stones. Large stones at the edge, smaller within. Slight damage from passage of tracked excavator. Just missed by tree planting.
190	N/A	Survey	Possible Cairn	0.3m x 2m x 3m	Concentration of stones, many disturbed, exposed by gorse cutting and tree planting pits. Greatly increased concentration of stones over surrounding area so probably a badly damaged small cairn.
191	N/A	Survey	Ditch	0.5m x 1-2m x c.60m	Complicated ditch feature. Curves roughly N from NJ 94983 03316 under trees to the edge of the Shell car park at NJ 94977 03382. It may be overlain by the field wall along the S side of the shelter belt (F12) but could have been cut through it. Curving ditch or trackway site? merges from the SW within trees. Irregular-shaped extensions at 90° to ditch in cut gorse area may be truncated by gas pipeline.
192	N/A	Survey	Arc of stones	0.1-0.5m x 2m x 8-30m	Slightly curving mound of stones. Well defined at N end where it may overly ditch 191 but less well defined at S end where it merges into the slope and the gas pipeline area. Roughly continues the arc of ditch 191. Not clear what this is but it could be an unusual clearance cairn. Sites 191-192 have uncertain antiquity and relationships with other features (ie walls and tracks) in this area.
<b>Path Formation Work March 2013</b>					
193	N/A	Survey	Walls	0.5m x 1.5m x >30m	Walls, the main feature runs north-south between F29 and F27. Two branches run west towards F31 & F32 and NW. Cut by gas main, wall F12 and by a modern path
194	N/A	Survey	Arc of stones	>50m x 1-3m x 0.5m	An arc of large jumbled stones runs through woodland to the NE of the landfill. A Watching Brief in 2013 suggested this may be a modern feature and derived from the clearance of stones from a flat area to the NE.
195	N/A	Survey	Cairn	4m x 4m x 0.5m	An area of scattered stones was recorded in light woodland and bracken prior to a new path

			(possible)		being created. The site lies on a slightly more level area below the stone revetment Site 114. The path was moved to avoid this site.
<b>196</b>	N/A	Survey	Wall	c.80m x 3m x 0.5m	Consumption wall within the eastern 'prong' of the shelter-belt woodland.
<b>197</b>	N/A	Survey	Cairn (possible)	4m x 4m x 0.5m	A slight mound with a few stones protruding through dense dead bracken was recorded prior to a new path being created. The site lies on the break of slope above the stone revetment Site 114. The path was moved to avoid this site.
<b>198</b>	N/A	Survey	Structure	2.5m x 2.3m x 0.7m	Concrete structure. Possible water tank. A metal access cover in the roof is fixed in position and no pipes can be seen entering or leaving the feature. It is situated at the S extent of the consumption wall in the eastern of the two shelter-belt 'prongs' running N from Tullos Hill
<b>199</b>	N/A	Survey	Ditch	c.25m x 1.5m x 0.3m	A linear ditch runs NW from Hut-Circle Site 59. It is unclear if this feature was cut from the edge of the Hut-Circles' bank or whether the bank overlies the ditch. The feature was investigated during a watching brief during a new path construction. Two fills were recorded, with a soil-based fill underlying deep leaf-mould. No finds were recovered and the feature did not appear to be ancient.
<b>200</b>	N/A	Survey	Cairn (possible)	4m x 4m x 0.7m	Mound of stones. Possible cairn. This site lies in the western of the two shelter-belt 'prongs' running N from Tullos Hill. It is adjacent to on the field walls F58 and it is unclear whether this site is cut by, or is dumped against, the field wall
<b>201</b>	N/A	Survey	Wall	3m x 1m x 0.3m	Wall foundations crossing the eastern shelter-belt on a roughly E-W alignment c.10m to the S of tank Site 198.

## APPENDIX 2: Test Pits

Test Pit No	Size	Site No.	Summary
1	1.2m x 0.9m	96	Edge of cairn. No natural subsoil
2	0.8m x 0.6m	96	Edge of cairn. Few stones exposed
3	0.8m x 0.6m	95	Edge of cairn. No natural subsoil
4	1.5m x 0.6m	167	Edge of cairn. No natural subsoil
5	0.9m x 0.6m	149	Centre of small cairn. No natural subsoil
6	1.2m x 0.9m	130	Edge of cairn. No natural subsoil
7	0.9m x 0.8m	172	Edge of cairn. No natural subsoil
8	1.3m x 1.2m	173	Centre of cairn. Possible stone setting in W facing section of Test Pit. No natural subsoil
9	2m x 0.7m	177	Centre of cairn. No natural subsoil
10	1m x 0.6m	179	Cairn stones. No natural subsoil
11	1m x 0.7m	88	Possible negative features in natural subsoil
12	1.1m x 0.7m	184	Edge of cairn. No natural subsoil
13	1.2m x 0.9m	85	Edge of cairn. No natural subsoil

## APPENDIX 3: Context Register

Context No.	Test Pit	Site No.	Description
1/1	1	96	Thin turf and topsoil
1/2	1	96	Mottled dark red-brown gritty silt matrix around stones
1/3	1	96	Cairn stones
2/1	2	96	Thin turf and topsoil
2/2	2	96	Mottled dark red-brown gritty silt matrix around stones
2/3	2	96	Mottled yellow-brown gritty silt natural subsoil
2/4	2	96	Cairn stones
3/1	3	95	Thin turf and topsoil
3/2	3	95	Dark brown peaty silt matrix around stones
3/3	3	95	Cairn stones
4/1	4	167	Thin turf and topsoil
4/2	4	167	Dark brown gritty silt matrix around stones
4/3	4	167	Cairn stones
5/1	5	149	Thin turf and topsoil
5/2	5	149	Light greyish-brown sandy silt
5/3	5	149	Dark reddish-brown gritty silt matrix around stones
5/4	5	149	Cairn stones
6/1	6	130	Thin turf and topsoil
6/2	6	130	Dark brown gritty silt matrix around stones
6/3	6	130	Cairn stones
7/1	7	172	Thin turf and topsoil
7/2	7	172	Cairn stones
7/3	7	172	Dark brown to black gritty silt matrix around stones
8/1	8	173	Dark brown to black gritty silt matrix around stones
8/2	8	173	Cairn stones
9/1	9	177	Thin turf and topsoil
9/2	9	177	Dark brown gritty silt matrix around stones
9/3	9	177	Cairn stones
10/1	10	179	Thin turf and topsoil
10/2	10	179	Mid reddish-brown gritty silt matrix around stones
10/3	10	179	Cairn stones
11/1	11	88	Turf and topsoil
11/2	11	88	Dark brown gritty silt matrix around stones

11/3	11	88	Dark brown to black gritty silt with gravel inclusions
11/4	11	88	Possible cut into natural subsoil filled by 11/3
11/5	11	88	Yellow to orange gravelly silt natural subsoil
11/6	11	88	Possible cut into natural subsoil filled by 11/7
11/7	11	88	Dark brown to black gritty silt with gravel inclusions
12/1	12	184	Thin turf and topsoil
12/2	12	184	Dark brown gritty silt matrix around stones
12/3	12	184	Cairn stones
13/1	13	85	Thin turf and topsoil
13/2	13	85	Mid orange-brown gravelly silt matrix around stones
13/3	13	85	Cairn stones
199/1	-	199	Cut for linear ditch
199/2	-	199	Basal fill. Dark orange-brown almost black peaty silt topsoil. Heavily root affected
199/3	-	199	Loose leaf litter
199/4	-	199	Deposit of large cobbles

#### APPENDIX 4: Digital Photograph Register

Digital	Description	From	Conditions
389-392	Panorama of the cut gorse area on the SE corner of the hill	W	Overcast
393-394	View of the uncut gorse on the knolls in the SE corner of the hill	SE	Overcast
395-396	Views W & NW of the cut gorse area from Crabs Cairn	E & SE	Overcast
397-398	Views of the ground surface in the area of cut gorse, surface completely covered	-	Overcast
399	Site 149, general view. This would be invisible were it within cut gorse area	SE	Overcast
400	Site 147, general view	NE	Overcast
401	Site 150, general view	SE	Overcast
402-403	Site 148, general views	SE & NW	Overcast
404-405	Cut gorse in the area to the N & NW of NJ 95923 03784	S & SE	Overcast
406-407	Site 28, defined boulder	W	Overcast
408	Tullos Caravan Site		
409	Site 151, possible culvert, general view	S	Bright
410-411	Site 151, possible culvert, general view	N	Bright
412-413	Site 152, possible cist	NE	Bright
414	Site 152, possible cist with Tullos Cairn beyond	SE	Bright
415	Site 115, cairn	SW	Bright
416-423	360° panorama from Tullos Cairn	-	Sunny
424	Site 153, general view	S	Overcast
425	Site 153, general view	NW	Overcast
426	Tullos Cairn	SSW	Sunny
427	Badger footprints	-	
428	General view of possible badger sett around 9572 0395	-	
429	Site 154, general view	S	Sunny
430	Sites 155, 156, general view	S	Sunny
431	General view SW towards the hut-circle from Site 155	NE	Sunny
432	Site 155, 156, general view	WSW	Sunny
433	Site 157, general view	NE	Sunny
434	Site 158, general view	SE	Sunny
435	Site 158, general view	ESE	Sunny
436	Site 159, general view	N	Sunny
437	Site 159, general view	SSW	Sunny
438	Site 159, general view	W	Bright

439	Site 159, general view	N	Bright
440	General view of the cut gorse area with Site 160	E	Sunny
441	Site 161, general view	N	Overcast
442	Site 162, close-up of possible stone alignment	W	Overcast
443	Site 162, general view	NW	Overcast
444	Cut gorse area along approximate route of the gas main	NE	Overcast
445	Gas marker in cut gorse area	NE	Overcast
446-448	Site 163, general views from the cut gorse strip and through the trees	N	Overcast
449	View N from Site 163 towards the hut-circle	S	Overcast
450-452	Altens Farm Road	-	-
453	Site 28, defined boulder	E	Overcast
454	Site 2 structure? Gorse cut along the E side, bank showing well in places	E	Overcast
455	As 454	SW	Overcast
456	Walls Sites 3 and 74 can now be linked through what was once dense gorse. Slight damage caused by cutting machine	N	Overcast
457	Site 164 cairn partially covered with cut gorse	E	Overcast
458	Sites 191 on right, 192 on left	S	Sun/ Shade
459	Site 191, ditch under trees	S	Sun/ Shade
460-461	Site 191, elements	NW, S	Sun/ Shade
462-463	Site 31 Update	SW	Sunny
464	Site 13, wall continuation to N of gas pipeline. Occasional stones in gorse to S of pipeline	S	Sunny
465	TP 1, Pre-Ex (damaged cairn)	SE	Overcast
466	General shot, damaged cairn, TP1 at right (South)	W	Overcast
467-468	TP 1, Post -ex	SE	Overcast
469-470	TP 2, Pre-ex	NW	Overcast
471-472	TP 2, Post-ex	NW	Overcast
473	TP 2, location shot- Tree pit 2 on the N side of cairn	W	Overcast
474	TP 3, Pre-ex (site B)	NW	Overcast
475	TP 3, Pre-ex	SE	Overcast
476	TP 3, Post-ex	W	Overcast
477	TP 3, Post-ex	SW	Overcast
478	TP 3, Post-ex, general location shot with site B	SW	Overcast
479	TP on E side of cairn B, not ex.	E	Overcast
480-481	General Pre-ex shots of TP 4 at site C	S, SE	Overcast
482-483	South-facing section TP 4, post-ex	S	Overcast
484	General shot, TP 4 post-ex	SW	Overcast
485	Pre-ex, TP 5	S	Overcast
486	Pre-ex, TP 5	N	Overcast
487	Pre-ex, TP 5	W	Overcast
488	TP 5, post-ex, S facing section	S	Sun/Shade
489-490	TP 5, post-ex, W facing section	W	Sun/Shade
491	General view TP 5 and site	W	Sun/Shade
492	General view TP 5 and site	E	Sun/Shade
493	TP 6, pre-ex	SW	Cloud/ Rain
494-495	General site shot, from TP 6	SE, E	Cloud/ Rain
496-497	TP6, E facing section, post-ex	E	Sunny
498	TP 6, post-ex	S	Sunny
499	General shot of damaged site and TP 6	S	Sunny
500	TP 7 pre-ex, Site 172	E	Sunny
501	TP 7 pre-ex, Site 172	N	Sunny
502	TP7 post-ex	E	Sunny
503	TP 7, N facing section, post-ex	N	Sunny
504	TP 7, plan shot	E	Sunny
505	TP 8, p-re-ex at site 173	E	Sunny
506	TP 8, p-re-ex at site 173	S	Sunny

507	TP 8, post-ex, Site 173	E	Sunny
508	TP 8, post-ex, Site 173	S	Sunny
509	TP 8, post-ex, Site 173	N	Sunny
510-511	TP 8, W facing section, post-ex	W	Sunny
512-513	TP 9, Pre-ex	SE	Sunny
514	TP 9, Pre-ex	E	Sunny
515	TP 9, post-ex	S	Sunny
516	TP 9, post-ex	N	Sunny
517-518	TP 9, E facing section, S-N	E	Sunny
519	TP 10, pre-ex	N	Overcast
520	TP 10, pre-ex	W	sunny
521	TP 10, post-ex	E	Cloudy
522-523	TP 10, post-ex, N facing section	N	Cloudy
524	TP 11, pre-ex	S	Sunny
525	TP 11, pre-ex	E	Sunny
526	TP 11, post-ex, s facing section	S	Sunny
527	TP 11, post-ex, s facing section, vertical shot	S	Sunny
528	TP 11, post-ex, s facing section, vertical shot	E	Sunny
529	TP 11, post-ex, s facing section, vertical shot	W	Sunny
530	TP 12, pre-ex	SE	Overcast
531	TP 12, pre-ex	SW	Overcast
532-533	TP 12, post-ex, NW facing section	NW	Overcast
534	TP 12, post-ex	SW	Overcast
535	TP 12, post-ex	NE	Overcast
536	TP 13, Pre-ex	NW	Overcast
537	TP 13, Pre-ex	N	Overcast
538	TP 13, post-ex	NW	Overcast
539	TP 13, post-ex	N	Overcast
540	TP 13, post-ex, NE facing section	NE	Overcast
541	TP 13, post-ex, NE facing section	NE	Overcast
542	2012, site by fence, OK	SE	Overcast
543	2012, Site in grass, damaged	S	Overcast
544	2012, Site in grass, edge damage	W	Overcast
545-546	2004, site general view	NE	Overcast
547-548	2004, site close-up of holes at edge which encountered stones and weren't completed	NE	Overcast
549-555	General views of site	Varied	Overcast
556	Newly cut area just E of Baron's cairn	E	Bright
557-558	2004 site, Damage by planting around and on the edge	S	Bright
559-560	General site views	WNW	Bright
561	Site 165, cairn	S	Bright
562	Boulder moved during cutting process	W	Bright
563	Machine damage to turf and gorse outside planting area	W	Bright
564-565	Site 166 cairn and view of flail damage to stones	N	Sunny
566-567	2004, site damaged by planting, general and close-up views, 100m N of Tullos cairn	SW	Sunny
568	2004, site driven over	S	Overcast
569	Cut gorse along gas main to W of hut circle	-	Sunny
570	2004 site? Backfilled TP 3	-	Overcast
571-572	Site 167, Cairn in planted area	S, SW	Overcast
573	2004, site driven over	NW	Overcast
574	Site 168	NW	Sunny
575-576	Site109 With tree pit in top and general view	SSE	Sunny
577-578	Site 109 damaged	ESE	Sunny
579	Site 110, edge damaged but mostly ok: saved by having tree growing out of it	NE	Sunny
580-581	General views showing cut/ planted and untouched areas	-	Sunny
582-583	Site 169	SW	Overcast

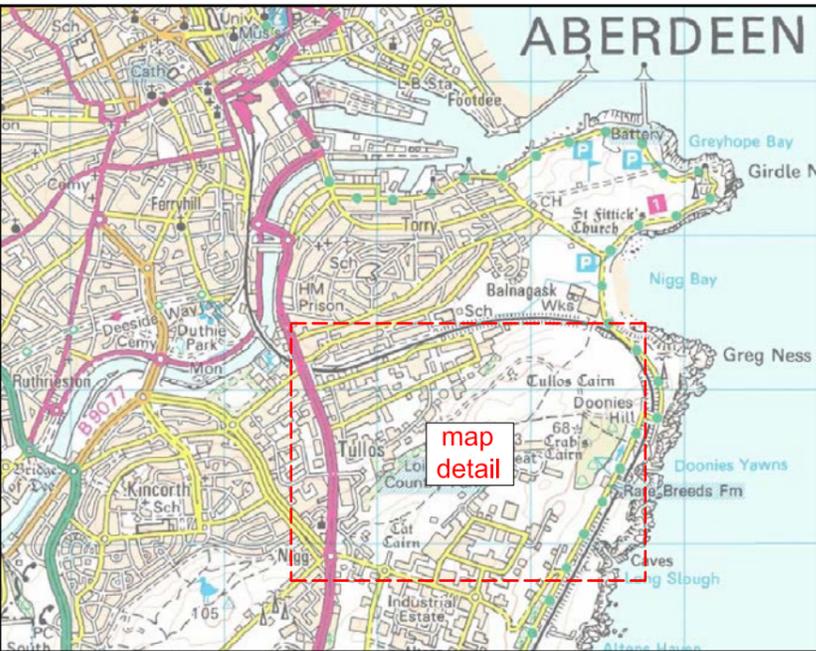
584	Site 170	SW	Overcast
585	Site 171	N	Sunny
586-588	Rabbit warren filled in/ damaged by tracked digger	Varied	Sunny
589	General view of planted area near Site 171	N	Sunny
590-591	General views of planted area to E of Tullos Cairn	SW	Sunny
592-593	Site 172	SW, E	Sunny
594	Good cairn, been avoided by planter, flail damage to stones	SSW	Sunny
595-596	Site 173	W, S	Sunny
597-598	Site 174	WSW, NW	Sunny
599-600	Phil K, recording site 172, TP 7	-	Sunny
601	General view of area containing Sites 172-4	SE	Sunny
602-603	Site 175 General view	WNW	Sunny
604-605	Site 176 General view	E	Sunny
606	Site 176, sapling in surface of cairn	NE	Sunny
607-608	Site 177	SW, WNW	Sunny
609-610	Site 178	WSW, WNW	Sunny
611	Site 179	NNE	Sunny
612-613	Site 180	SSW, W	Sunny
614	Site 98 cairn damaged	ENE	Sunny
615	Site 99 cairn OK	NW	Sunny
616-618	Site 181, general views	SSE, WNW	Sunny
619-620	Site 181, track damage	Varied	Sunny
621	Site 181, pits	N	Sunny
622	Site 181, Platform	W	Sunny
623	Site 182, general view	S	Overcast
624-625	Site 183, general view	N, W	Overcast
626-627	Site 184, general view	S, NW	Sunny
628	Site 185	S	Sunny
629	Working Shot		Sunny
630-631	Site 85 cairn, location of TP13	NNE, W	Overcast
632	Intense ground disturbance from tree pits	N	Overcast
633	Site 186	SW	Overcast
634	Site 188	SW	Overcast
635	Site 187	NW	Overcast
636	2004, cairn NJ 95894 03979, driven over	WNW	Bright
637	As above, NJ 95927 03966	E	Bright
638	Site 189	N	Bright
639	Site 190	W	Overcast
<b>February 2013</b>			
640	General view of wall Site 58 and the railings where the western shelter-belt 'prong' meets Tullos Hill	SW	Sun/Shade
641-642	Site 200 next to the path in the western shelter-belt 'prong'	NW	Sun/Shade
643-644	Northern end of the western shelter-belt 'prong'	NNW	Sun/Shade
645	Northern end of the eastern shelter-belt 'prong'	W	Sun/Shade
646-647	Northern end of the eastern shelter-belt 'prong'	NNW	Sun/Shade
648	Consumption wall Site 196	NW	Sun/Shade
649	Northern end of the eastern shelter-belt 'prong' including the stone and breeze-block wall about to be demolished	S	Sun/Shade
650-651	Consumption wall Site 196	W	Sun/Shade
652	Southern end of the eastern shelter-belt 'prong' including the wall Site 201 (to the right of the big tree) crossing the path to be upgraded	NNW	Sun/Shade
653	Consumption wall Site 196	SSE	Sun/Shade
654	Concrete tank Site 198	SSE	Sun/Shade

655	Wall Site 201	N	Sun/Shade
656	Southern end of the eastern shelter-belt 'prong' including the metal fence to be demolished	SW	Sun/Shade
657	Concrete tank Site 198	SSE	Sun/Shade
658-659	Arc of stones Site 194	E	Sun/Shade
660	Site 195	NE	Sun/Shade
661	Site 195	SE	Overcast
662	The route of the path between Sites 155 and 156	SSE	Overcast
663-669	General views of the Scheduled Cairn & consumption dyke NJ90SE 123 showing the proximity of the site to the metal fence	Varied	Overcast
<b>March 2013</b>			
670-671	Working shots, path formation near Site 194	NE	Dull
672	Path passing through Site 54	SW	Dull
673	View SE from Site 54	NW	Dull
674	View NW from Site 54	SE	Dull
675-676	Working shots	-	Dull
677-678	Working shots as machine passes Sites 59 and 199	NW	Dull
679	Working shot at S end of western shelter-belt 'prong'	NE	Dull
680-681	General views of path formed in western shelter-belt 'prong'	N & S	Dull
682	New path passing Site 200	N	Dull
683	Southern end of the western shelter-belt 'prong'	N	Dull
684	Location of new drystone structure next to existing fence, western shelter-belt 'prong'	W	Dull
685	Path formed through Site 194	NE	Dull
686-687	Path formed through Site 114	NE	Dull
688	Site 114. View of the stone revetment	NW	Dull
689	Path formed through Site 114	NNE	Dull
690	The route of the path between Sites 155 and 156	SSE	Dull
691	View of the path to the south of Sites 155 & 156 where it crosses the landfill area	E	Dull
692	Path avoiding Site 196	SE	Dull
693	Path cutting Site 194	NW	Dull
694	Site 152 close-up	SSE	Dull
695	Site 152 with Tullos Cairn in the background	SSE	Dull
696-700	Panorama W to E from Tullos Cairn	Varied	Dull
701-704	General views of the path formed between points O-P	Varied	Dull
705	View NW towards Site 54 on the hill	SE	Dull
706	Path passing through Site 54	SE	Dull
707	View NW from Site 54	SE	Dull
708-709	Path passing ditch Site 51	NW	Dull
710-712	General views of the new path between Sites 54 and 59	Varied	Dull
713	New path at the metal fence at S end of western shelter-belt 'prong'	NE	Dull
714-721	General views of the section where the path crosses ditch Site 199 to the NW of the hut-circle Site 59. Contexts 199/1-4	Varied	Dull

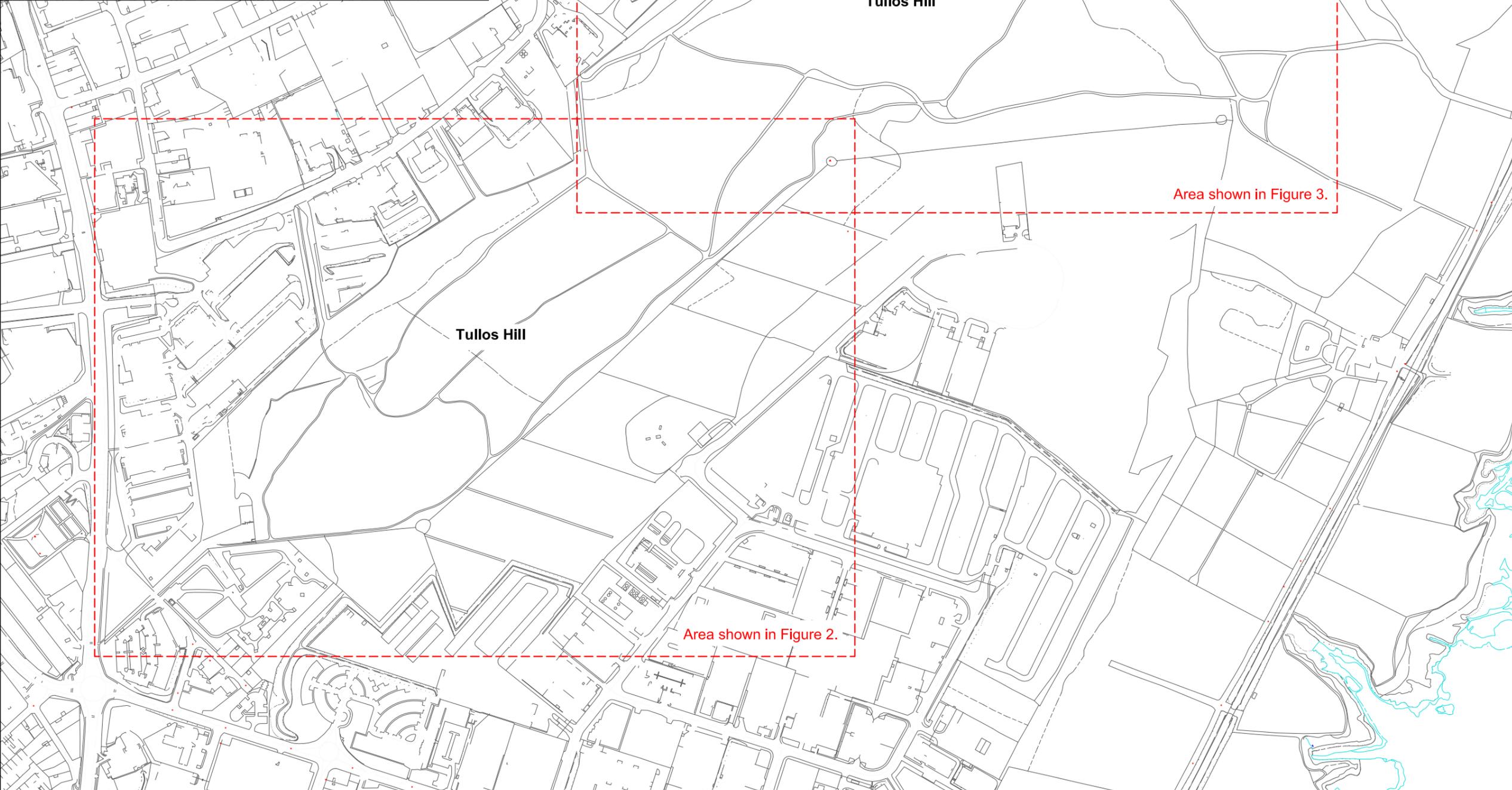
## APPENDIX 5: Drawings Register

Drawing No.	Sheet No.	Description	Scale
58	29	SE facing section of cairn, TP1	1:10
59	29	NW facing section of cairn, TP2	1:10
60	29	NW facing section of cairn, TP3	1:10
61	29	S facing section of cairn, TP4	1:10
62	29	S facing section of cairn, TP5	1:10
63	29	E facing section of cairn, TP6	1:10
64	29	N facing section of cairn, TP7	1:10
65	29	W facing section of cairn, TP8	1:10
66	30	E facing section in middle of cairn, TP9	1:10
67	30	N facing section of cairn, TP10	1:10
68	30	Plan of TP 11	1:20
69	30	TP 11 S facing section	1:10
70	30	NW facing section of cairn TP 12	1:10
71	30	NE facing section of cairn TP 13	1:10
72	31	North facing section through Site 199 (ditch 199/1-3) and nearby stones 199/4	1:10

# ABERDEEN



map detail



Tullos Hill

Tullos Hill

Area shown in Figure 3.

Area shown in Figure 2.



Key:

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Fig. No: 1	Revision: A
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Title: Location of Tullos Hill

Project: Tullos Hill, Aberdeen



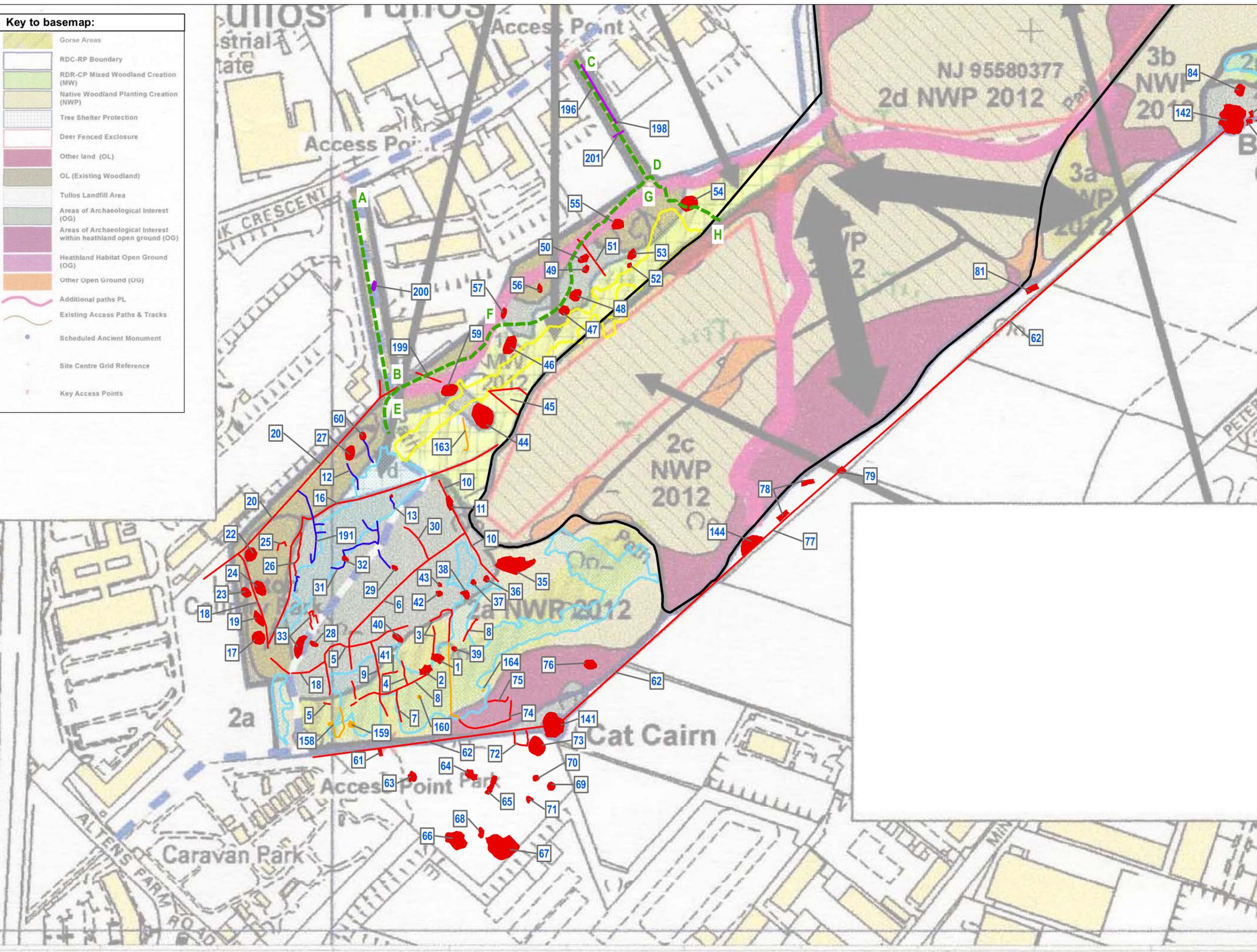
Client: Aberdeen City Council

Scale at A3: 1:6000



**Key to basemap:**

- Gorse Areas
- RDC-RP Boundary
- RDR-CP Mixed Woodland Creation (MW)
- Native Woodland Planting Creation (NWP)
- Tree Shelter Protection
- Deer Fenced Enclosure
- Other land (OL)
- OL (Existing Woodland)
- Tullos Landfill Area
- Areas of Archaeological Interest (OG)
- Areas of Archaeological Interest within heathland open ground (OG)
- Heathland Habitat Open Ground (OG)
- Other Open Ground (OG)
- Additional paths PL
- Existing Access Paths & Tracks
- Scheduled Ancient Monument
- Site Centre Grid Reference
- Key Access Points



**Key:**

- Survey Sites Mar 2013
- Survey Sites Sep 2012
- Survey Sites Apr 2012
- Survey Sites 2004
- Test Pits
- Paths - subject of Watching Brief
- Non-gorse planted areas
- Surveyed after gorse cutting; Not planted
- Surveyed after gorse cutting and planting
- Gorse cut and surveyed Later planted
- Badger Sett
- Landfill Boundary

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Fig. No	2	Revision	
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Title  
 Plan of the south-west of Tullos Hill showing the locations of archaeological sites, gorse clearance, tree planting and paths.

Project  
 Tullos Hill, Archaeological Survey

Scale at A3  
 1:3,000

Client  
 Aberdeen City Council



**Key to basemap:**

- Gorse Areas
- RDC-RP Boundary
- RDR-CP Mixed Woodland Creation (MW)
- Native Woodland Planting Creation (NWP)
- Tree Shelter Protection
- Deer Fenced Enclosure
- Other land (OL)
- OL (Existing Woodland)
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- Heathland Habitat Open Ground (OG)
- Other Open Ground (OG)
- Additional paths PL
- Existing Access Paths & Tracks
- Scheduled Ancient Monument
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**Key:**

- Survey Sites Mar 2013
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- Survey Sites 2004
- Test Pits
- Paths - subject of Watching Brief
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Fig. No	3	Revision	
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Title  
 Plan of the north-east of Tullos Hill showing the locations of archaeological sites, gorse clearance, tree planting, paths and test pits.

Project  
 Tullos Hill, Archaeological Survey

Scale at A3  
 1:3,000

Client  
 Aberdeen City Council



Fig 4. - Possible Cist (Site 152) exposed in burnt gorse with Tullos Cairn in the background



Fig 5. - General view of cut gorse to the east of Baron's Cairn



Fig. 6 - Cairn (Site 158) partially exposed by gorse cutting



Fig. 7 - Cairn (Site 159) exposed in an area of gorse cutting



Fig. 8 - The exposure of this stretch of wall allowed two previously exposed walls (Sites 3 and 74) to be linked



Fig. 9 - General view of the area to the south of Tullos Cairn showing the extent of tree planting

Key:



Fig. No:	4-9	Revision:	A	Client:	Aberdeen City Council
Title:	Selected Photos				
Project:	Tullos Hill, Aberdeen				

Scale at A4: 1:500

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Drawn by:	Checked:	Report No:
TB	KH	2192



Fig 10. - General view of the area to the south of Tullos Cairn showing the extent of tree planting



Fig 11. - View south from Tullos Cairn showing the trees with sheaths and the location of possible cist (Site 152)



Fig 12. - View east from Tullos Cairn showing the planted area and uncut gorse



Fig 13. - Cairn (Site 96) with a tree-planting pit cut into it. Test-Pit 4



Fig 14 - Cairn (Site 167) with a tree-planting pit cut into it. Test Pit 4



Fig 15. - Test-Pit 8 in Site 173. The possible stone setting is on the left

Key:



Fig. No: 10-15 Revision: A Client: Aberdeen City Council

Title: Selected Photos

Project: Tullos Hill, Aberdeen



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Fig 16. - Test-Pit 11 in Site 88 showing natural subsoil and cuts 11/4 and 11/6



Fig 17. - Path B-F where it passes to the north of the excavated roundhouse (Site 59)



Fig 18. - Path B-F where it crosses ditch (Site 199). The roundhouse is in the clearing (top centre)



Fig 19. - General view of the excavated path M-N where it passes between Sites 155 and 157



Fig 20 - Path M-N crossing Site 114. The stone revetment was better preserved next to the ranging rod



Fig 21. - Stone revetment (Site 114)

Key:



Fig. No:	16-21	Revision:	A	Client:	Aberdeen City Council
Title:	Selected Photos				
Project:	Tulloch Hill, Aberdeen				

Scale at A4: 1:500

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