

Site No 104

Ian Paterson & Tam Ward

Introduction

The site was originally recorded as:

227 156 **Site No 104** Flint 3 of NS 95531 10538

Note: Site 104 in close proximity to Site 100

Site No 104 310m OD

The site is located only a few metres from Site 100, it is 310m OD. It lies at the edge of the present burn scarp of Smithwood Burn (PI 1). The NGR NS 95531 10538 is at the original find spot which was a sod cut for a broad leaf tree and upon which lay a single flint flake, when a further two were found by trowelling, the spot was opened as a site. The trench which was opened is aligned to 215°, and which is slightly askew of Trench 100. The ground was covered in turf and soil only and to a total depth of up to 0.4m

F1 (Fig 2) was a charcoal and burnt stone spread of 0.7m in diameter and when trowelled out in three arbitrary spits it ended as a bowl shaped depression in the till about 0.3m in diameter, the total depth of the feature was c 100mm. The burnt stone was present in the entire fill. This may be interpreted as a cooking pit using hot stones.

SH 1 – SH 5 (Fig 2) were presumed stake hole features, each was about 50mm in diameter and up to 100mm deep, the depth was half in the remaining soil and half in the till. All were discovered by the presence of charcoal and in SH 2 the possible remains of a stake were present in pieces of roundwood charcoal.

Charcoal recovered from samples.

104	F1 upper	79g	Hand picked from flot
104	F1 middle	62g	Hand picked from flot
104	F1 base	17.5g	Hand picked from flot
104	F1 middle	184g	+ grit and rootlets
104	F1 middle	102g	+ grit and rootlets
104	F1 base	29g	+ grit and rootlets
104	F1 upper	n/a	0.3mm flot
104	F1 middle	n/a	0.3mm flot
104	F1 base	n/a	0.3mm flot
104	Stake hole No 211g		roundwood

It would appear that this location is one of several where the edge of the burn has been adopted, although the present position of the burn scarp has probably moved southwards to an extent, from its position when the activity took place. Only Mesolithic activity appears to be presented in the lithics and presumably the features are contemporary with them. It may be that the 'stake holes' represent a shelter, perhaps beside a cooking pit?

DAER 2011
Site No 104

CHERT

[NS 95531 10538]

FLINT

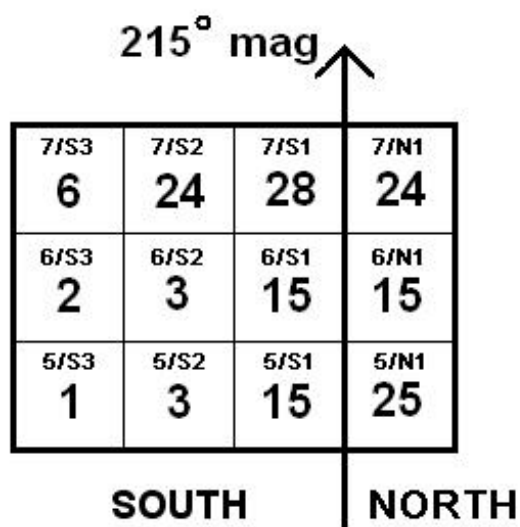
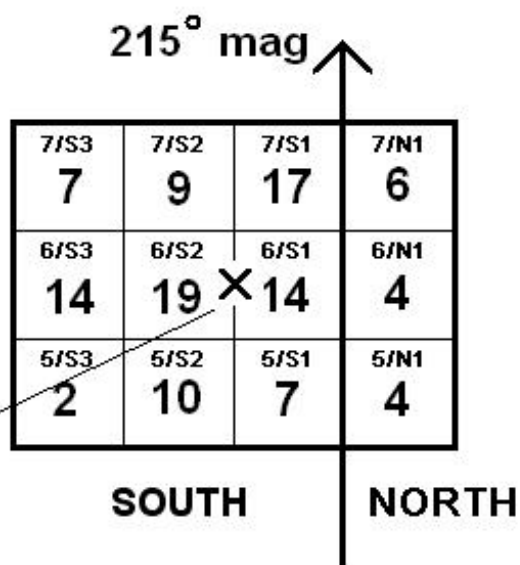


Fig 1

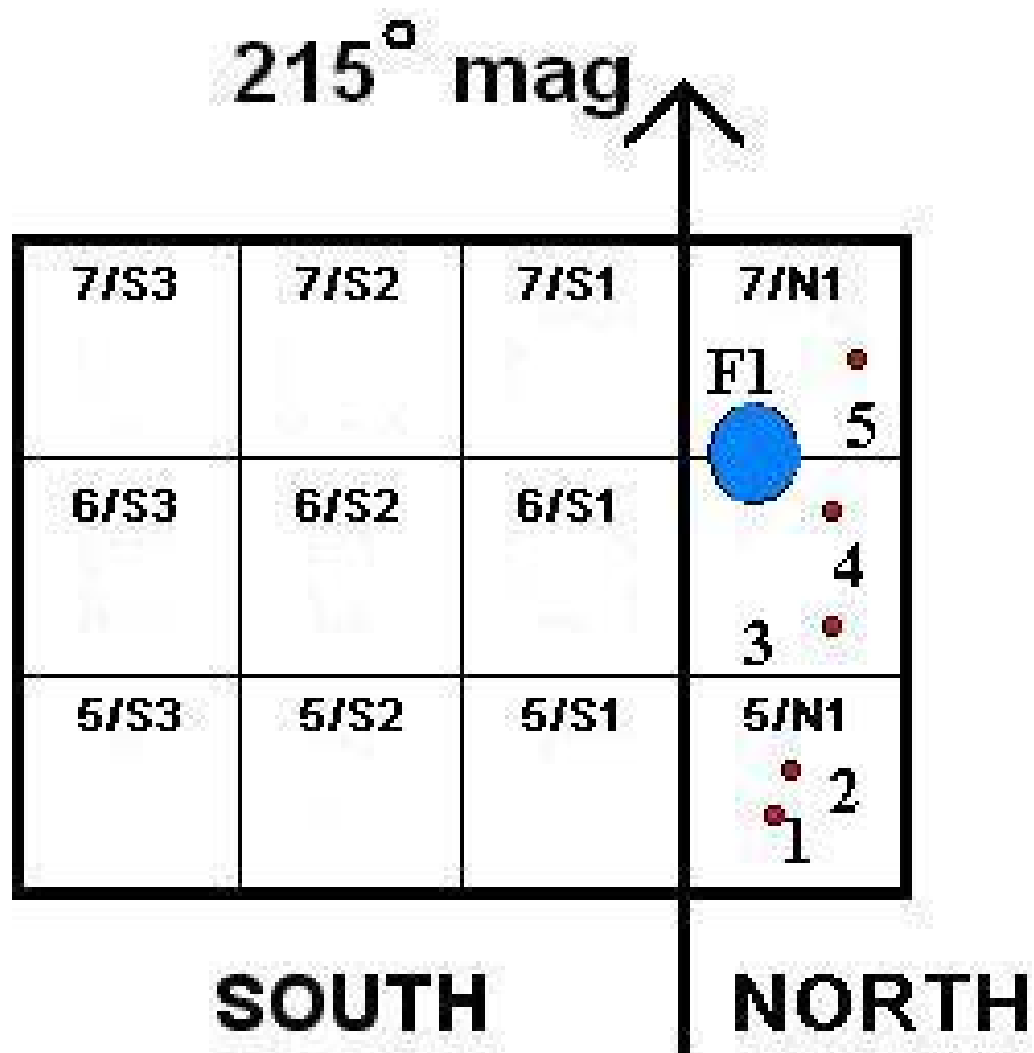


Fig 2



Plate 1



Plate 2



Plate 3



Plate 4



Plate 5

The finds list by Ian Paterson

Comment

This site is unusual in the present project. It is the only site so far examined where flint is the dominant lithic material present. It can be seen, in a number of cases, that the flint, which occurs in many colour variants, and in a few cases, has been struck from water-worn pebbles (Plate 3) from beach or river gravel deposits. A number of conjoining pairs of flint and chert fragments have been identified between grids.

At this site the following main variants of flint are recognised

- a 1 Dark yellowish brown [10 YR 4/2] with pale spots.
- a 2 Light brownish grey [5 YR 6/1] with pale spots and darker grey mottling.
- a 3 Brownish grey [5 YR 4/1] with off-white spots.
- a 4 Medium dark grey [5 YR 4/1] with pale spots.
- a 5 Greyish orange pink [5 YR 7/2].
- a 6 Light brownish grey [5 YR 4/1].

Other less common variants, where present, are individually described

The excavation covered 12 square metres. A total of 285 lithic fragments were recovered. Of these, 26 were small – that is, less than 10mm in length - and, as their identification was in some cases uncertain, they have not been included in the following calculations.

The majority (59%) of the assemblage from the site consisted of flint. Of the 117 identifiable chert fragments, all but 2 consisted of the rough-fracturing dark grey type. There were no fragments of ‘grey’ or ‘red’ chert.

A total of 8 microliths were retrieved – of which 6 were of flint.

Grid 104/5/N1 (2011)

Flint

- | | |
|--------|--|
| Large | <ul style="list-style-type: none"> a 1¹ Part of a pebble, 1 of, dark yellowish brown [10 YR 4/2] with pale spots, off-white weathered exterior or perhaps cortex. a 2 Part of a pebble, 1 of, and 1 flake, light brownish grey [5 YR 6/1] with pale spots and darker grey mottling, off-white cortex preserved in places. a 3 Part of a pebble, 1 of, brownish grey [5 YR 4/1] with off-white spots, a little cortex preserved. a 4 Flake, 1 of, brownish grey [5 YR 4/1] with pale spots, a little off-white cortex preserved. a 5 Flake, 1 of, greyish orange pink [5 YR 7/2] - a little off-white cortex preserved. a 6 Flake, 1 of, brownish grey [5 YR 4/1] - with off-white cortex b Flakes, 2 of, conjoined, light brown [5 YR 5/6] and light grey [N 7] mottled; white cortex with a pale grey surface - struck from pebble. <p>Note: a small flake of this type occurs also in the adjacent grid 104/6/N1 and there 4 more flakes in grid 104/7/N1.</p> |
| Medium | <ul style="list-style-type: none"> c Flakes, 11 of, type [a 5] - 4 are small. d Flakes, 3 of, type [a 2] - 2 are small. e Flakes, 2 of, type [a 1]. |

Chert

- a Medium Chunks and flakes, 5 of, 1 small, dark grey [N 3] to medium grey [N 5], rough fracture.

Grid 104/5/S1 (2011)**Flint**

- a Microliths, 3 of, up to 23mm long, in Type [a 1].
- b Large Flakes, 10 of, (1 is medium) - type [a 1] , 1 with thick pale altered zone; from pebble.
- c Flakes, 2 of, and 1 chunk, possible core, and 2 medium flakes, type [a 2].
- d Flake,? piercer, 1of, dusky yellowish brown [10 YR 2/2] with paler speckle.
- e Medium Pebble, part of, and 3 medium flakes, pale yellowish brown [10 YR 6/2] on the interior passing into greyish brown [5 YR 3/2] - pale 'cortex'.
- f Flakes, 10 of, Type [a 5] - 1 is part of a pebble.

Chert

- a Large Pebble, part of, mostly light brown [5 YR 5/6] - thin dark grey zone on exterior beneath pale bleached zone. There are numerous small grains that are possibly radiolarians. **Conjoins** with one of 2 fragments of the same lithology in **Grid 104/6/S2**. **Grid 104/5/S2** contains a **non-conjoining** fragment from the same pebble.
- b Chunks and flakes, 7 of, dark grey [N 3] to medium dark grey [N 4], rough fracture.
- c Medium Chunks and flakes, 9 of, dark grey [N 3] to medium dark grey [N 4], rough fracture.

Grid 104/5/S2 (2011)**Flint**

- a Microlith, 1 of, 19mm long, in Type [a 5] flint.
- b Med/small Flakes, 8 of, in Type [a 2] flint - two with white 'cortex' are from pebbles.
- c Flakes, 12 of, 6 are small, in Type [a 5] flint - one has part of the surface of a pebble.
- d Flakes, 3 of, greyish red [10 R 3/4] and blackish red [5 R 2/2] with pale spots. One **conjoins** with one of 2 flakes of similar type in grid 104/6/S1

Chert

- a Microlith, 1 of, 12mm long, dark grey
- b Large Pebble, part of, mostly light brown [5 YR 5/6] - thin dark grey zone on exterior beneath pale bleached zone. There are numerous small grains that are possibly radiolarians. Almost certainly from same pebble as specimens in Grid 104/5/S2 but **not** conjoining.
- c Med/small Chunks and flakes, 8 of (2 small), in medium dark grey, rough fracture.

Grid 104/5/S3 (2011)**Flint**

- a Microlith, 1 of, 15mm long, in Type [a 3] flint.
- b Flakes, 3 of, in Type [a 5] flint - 2 have part of the surface of a pebble.
- c Flakes, 2 of, in Type [a 2] flint.

Chert

- a Large Chunks, 3 of, medium dark grey [N 4] - rough fracture.
- b Medium Flakes, 4 of, dark grey [N 3] and medium dark grey [N 4] - rough fracture.

Grid 104/6/N1 (2011)**Flint**

- a Med/small Chunk, from pebble, in Type [a 1] flint.
- b Flake, 1 of, in Type [a 2] flint.
- c Flakes, 3 of, in Type [a 3] flint - one from pebble with 'cortex'.
- d Flakes, 8 of, in Type [a 5] flint - one from pebble with 'cortex'.
- e Flakes, 2 of, light grey passing into dark grey.

Chert

- a Medium Flakes, 4 of, medium dark grey [N 4], rough fracture.

Grid 104/6/S1 (2011)**Flint**

- a Chunk, large, possibly a core, 1 of, and 1 small flake, dark grey [N 3] passing into brownish black [5 YR 2/1] with pale grey spots.
- b Flakes, large 4 of, Type [a 5] flint - two, struck from pebbles, have white 'cortex'; and 10 medium and small flakes.
- c Flakes, 1 large, perhaps a piercer, and 2 medium - Type [a 3] flint.
- d Chunk, medium, from pebble with 'cortex', and 2 flakes in dark yellowish brown [10 YR].
- e Flakes, 2 of, greyish red [10 R 3/4] and blackish red [5 R 2/2]. One conjoins with flake in **104/5/S2**
- f Flake, 1 of, dusky yellowish brown [10 YR 2/2].

Chert

- a Med/small Chunks and flakes, 6 medium, 8 small, dark grey [N 3] and medium grey [N 5] - rough fracture.

Grid 104/6/S2 (2011)**Flint**

- a Microlith, 26mm long, pinkish grey [5 YR 8/1].
- b Flake, 1 of, small, light brown [5 YR 5/6] and light grey [N 7] - similar to conjoining pair in **Grid 104/5/N1**
- c Flakes, 2 of, medium, Type [a 2] flint.
- d Flakes, 4 medium, 5 small, Type [a 5] flint.
- e Flakes, 1 of, large, 1 of medium, dark brownish grey [5 YR 3/1]

Chert

- a Microlith, 16.5mm long, medium grey N 5].
- b Large Pebble, part of, and 1 flake, mostly light brown [5 YR 5/6] - thin dark grey zone on exterior beneath pale bleached zone. There are numerous small grains that are possibly radiolarians. One **conjoins** with fragment in **Grid 104/5/S2**.
- c Chunk, 1 of, ?core, dark greenish grey [5 GY 4/1] - smooth fracture
- d Med/small Flakes, 10 medium, 5 small, medium dark grey and medium grey [N 4 -5] - rough fracture.

Grid 104/6/S3 (2011)**Flint**

Flakes, 2 of, medium, Type [a 5] flint.

Chert

- a Large Chunks, 4 of, 2 are part of pebbles, and 2 flakes, dark grey [N 3] to medium dark gray [N 4] - rough fracture
- b Medium Chunks and flakes, 7 of, dark grey [N 3] to medium dark gray [N 4] - rough fracture
- c Chunk, 1 of, dark greenish grey [5 GY 4/1] - smooth fracture.
- d Small Flakes, 2 of, dark grey.

Grid 104/7/N1 (2011)**Flint**

- a Microlith, broken, 13mm long, pinkish grey [5 YR 8/1].
- b Chunks, 2 of, from pebbles with white 'cortex'. and 4 flakes, Type [a 1] flint.
- c Chunk, 1 of, medium, and 1 flake, small - Type [a 2] flint.
- d Flakes, 2 medium - from pebbles with white 'cortex', 1 small, Type [a 5] flint.
- e Flakes, 4 medium, 1 small, light grey [N 7] passing into medium dark grey [N 4]
- f Flakes, 1 medium, 3 small, light brown [5 YR 5/6] and light grey [N 7] mottled. Similar to the 2 conjoining fragments in grid **104/5/N1**.
- g Flakes, 4 of, white 'cortex' only.

Chert

- a Medium Chunks and flakes, 4 of, medium, dark grey and medium dark grey [N 4 -5] - rough fracture.

Grid 104/7/S1 (2011)**Flint**

- a Chunks, 2 of, large, from pebbles with white 'cortex'. Type [a 1] flint.
- b Flakes, 3 large, 1 medium, - Type [a 2] flint.
- c Chunk, 1 of, large, from pebble with white 'cortex', 3 medium flakes, Type [a 3].
- d Chunk, 1 of, medium, and 4 flakes, 3 medium and 1 small - Type [a 6].

Chert

- a Medium Pebble, part of, mostly light brown [5 YR 5/6] - thin dark grey zone on exterior beneath pale bleached zone. Numerous small grains that are possibly radiolarians. Compare with specimens in grid **104/5/S1**.
- b Flakes, 5 medium, 1 small, dark grey and medium dark grey [N 4 -5] - rough fracture.

Grid 104/7/S2 (2011)**Flint**

- a Flakes, 3 medium, - Type [a 2] flint.

Chert

- a Flakes, 5 medium, 5 small, dark grey and medium dark grey [N 4 -5] - rough fracture.

Grid 104/7/S3 (2011)**Flint**

- a Chunk, large, ?fired.

Chert

- a Flakes, 2 medium, dark grey and medium dark grey [N 4 -5] - rough fracture.

Site 104/Spoil (2011)**Flint**

- a Scraper, dark grey [N 3].

Daer 2011, Site 104 [NS 95531 10538] and nearby sites

Sample No	Date	Flint	Chert-rough			Chert- smooth			Grey chert			Var Total	Small Total	Total Chert	Tools Mic	Q/C Ch/FI
			Large	Med	Total	Large	Med	Total	Large	M+S	Total					
104/5/N1	2011	24		6	6									6		0.25
104/5/S1	2011	28	8	9	17									17	3F	0.61
104/5/S2	2011	24	1	8	9									10	1,1 F	0.42
104/5/S3	2011	6	3	4	7									7	1F	1.17
104/6/N1	2011	15		4	4									4		0.27
104/6/S1	2011	15		6	6								8	14		0.93
104/6/S2	2011	9	2	10	12	1		1					5	19	1,1F	2.11
104/6/S3	2011	2	4	7	11	1		1					2	14		7.00
104/7/N1	2011	25		4	4									4		0.16
104/7/S1	2011	15		6	6								6	12		0.80
104/7/S2	2011	3		5	5								5	10		3.33
104/7/S3	2011	1		2	2									2		2.00
104/Spoil	2011	1												0		0.00
Totals		168	18	71	89	2		2					26	119	2 + 8F	0.71

Site No 105

Ian Paterson & Tam Ward

Introduction

The site was originally recorded as:

215 148 **Site 105** Chert 10 of NS 95494 10496

Site 105 lies on the lower east flank of Coom Rig, and is about 45m south of the present burn scarp of Smithwood Burn. The site lies on a very slight slope at the base of the main slope up to the west and is 310m OD. The ground consists of coarse grasses and occasional rush growth, there is no peat cover on this part of the hill meaning that an active soil profile has existed since pre history, the turf and soil presently being only about 0.25m deep and lying on gravelly till, both soil and till have a moderate amount of stones from cobble size down.

The excavation was aligned to 191° magnetic, and consisted of 35 metre grids being dug between three furrows and in three groupings.

F1

Feature 1 was a shallow pit measuring c0.25 in diameter by c0.1m deep and located in grid 11/N/5. It was apparent by its distinctive creamy coloured fill, which was taken to be wood ash but when tested with neat hydrochloric acid gave no reaction. Wood ash may contain up to 15% calcium carbonate but since there was no reaction to the acid, it is now believed that the fill was clay. Within the fill there was a quantity of lithic of both flint and chert and including two microliths.

F2

Feature 2 was a charcoal enriched patch on the ground within and central to grid 13/N/5 and was at the base of the soil horizon. Sharp freshly broken stone lay in the upper fill which was bulk sampled giving about 6 litre of soil. The charcoal persisted below and was seen as the fill of a bowl shaped pit c0.4m in diameter and only 50mm deep and cut into the till. The fill of the pit was stone free, and the fill was also bulk sampled giving about 6 litre of soil. It would appear that the charcoal was deposited cold as there was no indication of in situ burning in or around the pit, nor was any burnt stone evident.

Note: Site 106, a fire location, lay 11m further down the furrow from Grid 7/N/1. It is possible that this location was part of the activity at Site 105, a similarity being the same cream coloured clay which lay within and below a discrete part of the fire place. See Report on Site 106.

105	F1 Clay feature	3.5g	Hand picked from flot
105	F2 upper	55g	Hand picked from flot
105	F2 lower	56g	Hand picked from flot
105	F2 upper	118g	+ grit and rootlets
105	F2 lower	124g	+ grit and rootlets
105	F2 lower	n/a	0.3mm flot

Discussion

The lithic assemblage here has some unusual components for example Plate 2 which is a translucent dark brown chert? And while the main lithic evidence appears to point to Mesolithic activity with eighteen microliths, the pitchstone and the clay deposit may indicate a Neolithic component and perhaps even pottery making clay? However, with microliths in the fill. This site is one where expert analyses of the finds is very important in understanding the activity which has taken place, for example if all the objects tentatively described as scrapers are such then the area would perhaps function differently from most others where scrapers were rare or absent.

Daer 2011
Site No. 105
CHERT



Daer 2011
Site No. 105
FLINT





Plate 1



Plate 2



Plate 3



Plate 4



Plate 6



Plate 5

Excavation finds list

by

Ian Paterson

Comment

The excavation covered 35 square metres. A total of 1455 lithic fragments were recovered. Of these, 312 were small – that is, less than 10mm in length - and, as their identification was in many cases uncertain, they have not been included in the calculations.

The assemblage from the site consisted predominantly of chert. Of the identifiable chert fragments, about 46% consisted of the rough-fracturing dark grey type; with about 39% of the total being the smooth - fracturing greenish-grey variant. About 5% of the total was 'grey' chert and there was an unusually high proportion of 'red' chert – about 8.4%.

Flint was recovered from all but 6 of the grids excavated, usually in small numbers, but comprising about 11% of the total lithic content. There were notable concentrations of flint in grids 105/13/N4-5, 105/14/N6 and 105/15/N5. Overall, the ratio of chert to flint was about 6 to 1. Of a total of 15 microliths, 6 were in flint - a ratio of chert to flint only 1.5 to 1.

Two fragments of pitchstone were recovered and one small piece of haematite.

Eighteen microliths were found of which two were flint and the others chert.

Site 105 NS 95495 10496 Chert microliths, 4 of

Site 105 Grid 7/S1

Flint, Flake, 1 of, off-white ?cortex.

Chert.

- a Large Chunks, 2 of, olive grey [5 Y 4/1}, smooth fracture.
- b Medium Flakes, 4 of, medium dark grey [N 4] and dark grey, rough fracture.
- c Flakes, 7 of, olive grey [5 Y 4/1}, smooth fracture.

'Grey chert'

- d Flake, 1 medium, light brownish grey [5 YR 6/1],

Site 105 Grid 7/S2

Flint, Flake, 1 of, pale red [5 R 6/2].

Chert

- a Medium Flakes, 5 of, medium dark grey [N 4] and dark grey, rough fracture.
- b Chunks , 2 of, one may be a core, and 2 flakes, olive grey [5 Y 4/1] smooth fracture.
- c Flakes, 3 of, olive grey [5 Y 4/1] with brown mottling, smooth fracture.
- d Small. Flakes, 2 of, various types.

'Grey chert'

- e Chunk, large - probably a core, smooth fracture and 2 medium flakes, light brownish grey [5 YR 6/1],

Site 105 Grid 7/S3

Chert

- a Large Chunks, 3 of, and 1 flake, medium dark grey [N 4] and dark grey, rough fracture.
- b Chunk, 1 of, dark greenish grey [5 GY 4/1] - smooth fracture.
- c Medium Flakes, 6 of, medium dark grey [N 4] - dark grey [N 3], rough fracture
- d Flakes, 2 of, olive grey [5 Y 4/1], smooth fracture.
- e Small. Flakes, 5 of, various types.

Site 105 Grids 7 - 8/N1 (furrow)

Flint

Chunk, with cortex, moderate brown [5 YR 4/4] and flakes, 3 of, light brownish grey [5 YR 6/1].

Chert

- | | | |
|---|---------|---|
| a | Large | Chunks, 8 of, medium dark grey [N 5], pale alteration; rough fracture - radiolarians. |
| b | | Chunks and flakes, 4 of, dark greenish grey [5 GY 4/1], pale alteration; smooth fracture. |
| c | Medium. | Flakes and chunks, 9 of, medium dark grey [N 4] and medium grey [N 5] - rough fracture. |
| d | | Flakes and chunks, 11 of, dark greenish grey [5 GY 4/1] - smooth fracture. |
| e | Small. | Flakes, 15 of, various types. |

Site 105 Grid 8/S1

Flint,

Flakes, 4 of, small, light brownish grey [5 YR 6/1].

Pitchstone

Flake, 1 of, dark grey.

Chert

- | | | |
|---|--------|---|
| a | Large | Chunks, 3 of, one perhaps a core, medium dark grey [N 4] and dark grey, rough fracture. |
| b | | Chunks, 5 of, dark greenish grey [5 GY 4/1], 2 with dark grey mottling - smooth fracture. |
| c | Medium | Chunks and flakes, 16 of, medium dark grey [N 4] and medium grey [N 5], rough fracture |
| d | | Flakes, 13 of, medium bluish grey [5 B 5/1], smooth fracture. |
| e | Small. | Flakes, 42 of, all of above types. |

‘Grey chert’

- | | | |
|---|--|---|
| f | | Flakes, 3 medium, light brownish grey [5 YR 6/1], |
|---|--|---|

‘Red Chert’

- | | | |
|---|--|--|
| g | | Flakes, 3 of, medium, 1 dark greenish-grey with blackish red [5 R 2/2] mottling, 2 are greyish red [10 R 4/2]. |
|---|--|--|

Site 105 Grid 8/S2

Flint,

Flakes, 2 of, small, light brownish grey [5 YR 6/1].

Chert

- | | | |
|---|--------|--|
| a | Large | Chunks, 4 of, medium dark grey [N 4] and dark grey, rough fracture. |
| b | | Chunks, 4 of, 1 is a core, greenish grey [5 G 6/1] - smooth fracture. |
| c | Medium | Chunks and flakes, 15 of, medium dark grey [N 4] and medium grey [N 5], rough fracture |
| d | | Flakes, 14 of, greenish grey [5 G 6/1], 5 with dark grey mottling, smooth fracture. |
| e | Small. | Flakes, 20 of, all of above types but mostly greenish grey. |

‘Grey chert’

- | | | |
|---|--|--|
| f | | Flake, 1 medium, light brownish grey [5 YR 6/1], |
|---|--|--|

‘Red Chert’

- | | | |
|---|--|--|
| g | | Chunk, 1 of, large, greyish brown [5 R 3/2]. |
|---|--|--|

Site 105 Grid 8/S3

Chert

- | | | |
|---|--------|--|
| a | Large. | Chunk, 1 of, greyish green [5 G 5/2] - rough fracture. |
|---|--------|--|

‘Grey chert’

- | | | |
|---|--|--|
| b | | Flake, 1 medium, light brownish grey [5 YR 6/1], |
|---|--|--|

Site 105 Grid 9/S1

Flint.

Flakes, 7 of, light brownish grey [5 YR 6/1].

Chert

- | | | |
|---|---------|---|
| a | Large | Flakes, 4 of, medium dark grey [N 4] - pale alteration showing radiolarians - rough fracture. |
| b | | Chunks, 5 of, dark greenish grey [5 GY 4/1] - one with olive black [5 Y 2/1] mottling - pale alteration - radiolarians - smooth fracture. |
| c | Medium. | Flakes and chunks, 23 of, medium dark grey [N 4] and medium grey [N 5] - some have pale alteration - rough fracture. |
| d | | Flakes and chunks, 33 of, medium bluish grey [5 B 5/1] and dark greenish grey [5 GY 4/1] - smooth fracture. |
| e | | Flakes and chunks, 11 of, dark greenish grey [5 GY 4/1] with olive black mottling - smooth fracture. |
| f | Small. | Flakes, 32 of, all of above types. |

'Grey chert'

- | | | |
|---|--|--|
| g | | Flakes, 1 large, 5 medium, light brownish grey [5 YR 6/1]. |
|---|--|--|

Site 105 Grid 9/S2

Flint.

Flakes, 2 of, large narrow; 3 of small, light brownish grey [5 YR 6/1].

Chert

- | | | |
|---|---------|---|
| a | Large | Chunks and flakes, 4 of, medium dark grey [N 4] - pale alteration showing radiolarians - rough fracture. |
| b | Medium. | Flakes and chunks, 8 of, medium dark grey [N 4] and medium grey [N 5] - rough fracture. |
| c | | Flakes and chunks, 16 of, medium bluish grey [5 B 5/1] and dark greenish grey [5 GY 4/1] - smooth fracture. |
| d | Small. | Flakes, 15 of, all of above types. |

'Grey chert'

- | | | |
|---|--|---|
| e | | Flakes, 4 medium, light brownish grey [5 YR 6/1]. |
|---|--|---|

Site 105 Grid 9/S3

Chert

- | | | |
|---|---------|--|
| a | Large | Scraper, olive grey [5 Y 6/1] - with red-brown mottling - smooth fracture. |
| b | Medium. | Flakes, 2 of, medium grey [N 5], rough fracture. |

'Grey chert'

- | | | |
|---|--|--|
| c | | Flake, medium, light brownish grey [5 YR 6/1]. |
|---|--|--|

'Red Chert'

- | | | |
|---|--|---|
| d | | Flake, medium, dusky red [5 R 3/4] with part dark greenish grey [5 GY 4/1] - smooth fracture. |
|---|--|---|

Site 105 Grid 10/S1

Flint

Microlith, 1 of, part of, 5mm long, pale grey.

Flakes, 2 of, small, 1 is pale yellowish brown [10 YR 6/2]; 1 is pale grey.

Chert

- | | | |
|---|---------|--|
| a | | Microliths, 4 of, up to 10mm long, medium bluish grey [5 B 5/1] |
| b | Large | Chunks, 3 of, medium dark grey [N 4] - with pale alteration - rough fracture. |
| c | Medium. | Flakes and chunks, 8 of, medium dark grey [N 4] and medium grey [N 5] - rough fracture. |
| d | | Flakes and chunks, 24 of, mostly medium bluish grey [5 B 5/1] - some dark greenish grey [5 GY 4/1] - with smooth fracture. |
| e | | Flakes, 4 of, dark greenish grey [5 GY 4/1] - darker mottling - smooth. |

‘Grey chert’

f Chunk, 1 of, large and 3 medium flakes, light brownish grey [5 YR 4/1].

Site 105 Grid 10/S2

Chert

a Microlith, 1 of, 9mm long, medium light grey [N 6].
b Large Chunks, 2 of, medium dark grey [N 4] - with rough fracture.
c Medium. Flakes, 2 of, medium dark grey [N 4] - with rough fracture.
d Flakes and chunks, 4 of, greenish grey [5 G 6/1] - smooth fracture.

Site 105 Grid 10/S3

Chert

a Large Chunk, 1 of, medium dark grey [N 4, 3 with pale alteration; rough fracture.
b Chunk, 1 of, medium bluish grey [5 B 5/1] smooth fracture.
c Medium. Flake, 1 of, medium dark grey [N 4] - rough fracture.
d Chunk, 1 of, medium bluish grey [5 B 5/1] smooth fracture.

Site 105 Grid 11/N4

Flint

Chunks, 2 of, medium, pale red [5 R 6/2] with pale mottling.

Chert

a Microlith, 1 of, 9mm long, brownish black [5 YR 2/1] = ‘Red chert’.
b Large Chunks, 2 of, medium dark grey [N 4] - pale alteration; showing radiolarians, rough fracture.
c Chunks, 2 of, medium bluish grey [5 B 5/1] - one with pale alteration - smooth fracture.
d Medium. Flakes, 6 of, medium grey [N 5] - rough fracture.
e Chunks and flakes, 12 of, medium bluish grey [5 B 5/1 and olive grey [5 Y 4/1] - smooth fracture.
f Small. Flakes, 7 of, various types.

‘Grey chert’

g Flake, 1 of, medium, light brownish grey

‘Red chert’

h Chunk, 2 large and 3 medium, brownish black [5 YR 2/1] one partly dark greenish grey, smooth fracture.

Site 105 Grid 11/N5**Flint**

Flake, probable scraper, 43mm long - with cortex. greyish orange [10 YR 7/4] passing outwards to very pale orange [10 YR 8/2], 1 medium chunk in medium dark grey, and 4 medium and 1 small flake in pinkish grey (total 7).

Pitchstone

Flake, 1 of, dark grey.

Chert

- | | | |
|---------------------|---------|--|
| a | | Microlith, broken, 9mm long, very dusky red [10 R 2/2] = 'Red chert'. |
| b | | Flake, medium - medium bluish grey [5 B 5/1] - water-worn. |
| c | Large | Chunks, 4 of, medium dark grey [N 4], with pale alteration; rough fracture |
| d | | Chunks, 2 of, dark greenish gray [5 GY 4/1] - smooth fracture - pale alteration, radiolarians. |
| e | Medium. | Flakes, 17 of, medium grey [N 5] and medium dark grey [N 4] - a few with pale alteration - rough fracture. |
| f | | Flakes and chunks, 15 of, olive grey [5 Y 3/2] and medium bluish grey [5 B 5/1] - 3 with dark grey mottling - smooth fracture. |
| g | Small. | Flakes, 19 of, medium grey [N 5], various types. |
| 'Grey chert' | | |
| h | | Flakes, 3 of, medium, light brownish grey [5 YR 4/1]. |

Site 105 Grid 11/N6**Flint**

Flake, possibly a piercer, brownish grey [5 YR 5/1] and 1 medium flake, light brownish grey [5 YR 6/1] - with cortex.

Chert

- | | | |
|---|---------|--|
| a | Large | Chunks, 3 of, medium dark grey [N 4], pale alteration - rough fracture. |
| b | Medium. | Flakes, 8 of, medium grey [N 5] and medium dark grey [N 4], some with pale alteration - rough fracture, |
| c | | Flakes, 8 of, 4 are medium bluish grey [5 B 5/1], 4 are dark greenish grey [5 GY N 4/1] - smooth fracture. |
| d | Small. | Flakes, 4 of, various types. |

'Grey chert'

- | | | |
|---|---|--|
| e | . | Chunk, 1 of, light brownish grey [5 YR 4/1]. |
|---|---|--|

'Red chert'

- | | | |
|---|--|---|
| f | | Chunk 1 large, brownish black [5 YR 2/1] - smooth fracture. |
|---|--|---|

Site 105 Grid 12/N4**Flint**

Flake, 1 of, pale yellowish brown [10 YR 6/2] with some cortex - struck from water-worn pebble.

Chert.

- | | | |
|---|---------|---|
| a | Large | Chunks, 3 of, and 1 flake, medium dark grey [N 4], with pale alteration - rough fracture. |
| b | | Chunks, 5 of, dark greenish gray [5 GY 4/1] - smooth fracture - 2 with pale alteration, radiolarians. |
| c | Medium. | Flakes, 9 of, medium grey and dark grey [N 4 - 5] - rough fracture. |
| d | | Chunks and flakes, 12 of, dark greenish grey [5 GY 4/1], olive grey [5 Y 4/1] - smooth fracture. |
| e | Small. | Flakes, 10 of, various types. |

'Red chert'

- | | | |
|---|--|--|
| f | | Flakes, 7 of, medium brownish grey [5 YR 4/1] and brownish black |
|---|--|--|

[5 YR 2/1] - smooth fracture. One is part dark greenish grey [5 GY 4/1].

Site 105 Grid 12/N5

Flint

Flakes, 2 of, pale yellowish brown [10 YR 6/2], one with cortex.

Chert.

- | | | |
|---------------------|---------|---|
| a | Large | Chunks, 3 of, and 1 flake, medium dark grey [N 4], with pale alteration - rough fracture. |
| b | | Chunk, 1 of, medium bluish grey [5 B 5/1- smooth fracture - with pale alteration, radiolarians. |
| c | Medium. | Flakes, 7 of, medium grey [N 5] - rough fracture. |
| d | | Flakes, 5 of, dark 2 greenish grey [5 GY 4/1], 3 medium bluish grey [5 B 5/1]- smooth fracture. |
| e | Small. | Flakes, 4 of, various types. |
| 'Grey chert' | | |
| f | . | Flake, 1 of, medium, light brownish grey [5 YR 4/1]. |
| 'Red chert' | | |
| g | | Flake, 1 medium, brownish black [5 YR 2/1] - smooth fracture. |

Site 105 Grid 12/N6

Flint

Microlith, 1 of, broken, 7.5mm long, very light grey [N 8] and flake, 1 of, light brownish grey [5 YR 6/1].

Chert.

- | | | |
|---------------------|---------|--|
| a | | Microlith, 1 of, broken, 7mm long. medium light grey. |
| b | Large | Chunks, 3 of, medium dark grey [N 5], rough fracture. |
| c | Medium. | Flakes, 3 of, medium grey [N 5] - rough fracture. |
| d | | Chunks and flakes, 4 of, dark greenish grey [5 GY 4/1], smooth fracture, |
| e | Small. | Flakes, 5 of, various types. |
| 'Grey chert' | | |
| f | | Flakes, 1 large, 1 medium, light brownish grey [5 YR 4/1]. |

Site 105 Grid 13/N4

Flint

Flakes, 18 of, 4 large, light brownish grey [5 YR 4/1], 14 medium, ranging from white to light brownish grey and 1 possible microlith

Chert.

- | | | |
|---------------------|---------|---|
| a | Large | Chunks, 2 of and 3 elongated flakes, dark grey and medium grey [N 3-5] - pale alteration - rough fracture. |
| b | | Flakes, 2 of, elongated, dark greenish grey [5 GY 4/1] - smooth fracture. |
| c | Medium. | Chunks and flakes, 33 of, medium grey and dark grey [N34 -5]- rough fracture. |
| d | | Flakes, 8, of, dark greenish grey [5 GY 4/1] - 3 with brown mottling and 5 of medium bluish grey [5 B 5/1] - smooth fracture, |
| e | Small. | Flakes, 33 of, all of above types. |
| 'Grey chert' | | |
| f | | Flakes, 4 medium, light brownish grey [5 YR 4/1]. |
| 'Red chert' | | |
| g | | Chunks, 2 large, 2 medium, olive black [5 GY 2/1] - smooth fracture. |

Site 105 Grid 13/N5

Flint

Flakes, 22 of, 5 large - 2 are possibly scrapers, 12 medium and 3 small flakes. Most are greyish pink [5 R 8/2 to greyish orange pink [5 YR 7/2]. Five are light grey [N7] - 2 being microliths. Three have some cortex.

Organic

Hazel nut shell - part of.

Chert.

- | | | |
|---|---------|---|
| a | Large | Chunks, 3 of, dark gray [N 4], 1 with traces of bedding, pale alteration - radiolarians - rough fracture. |
| b | | Chunks, 4 of, dark greenish grey [5 GY 4/1] and medium bluish grey [5 B 5/1] - smooth fracture. |
| c | Medium. | Flakes and chunks, 23 of, medium grey and dark grey [N 4-5] - rough fracture. |
| d | | Chunks and flakes, 24 of, dark greenish grey [5 GY 4/1] and medium bluish grey [5 B 5/1] - smooth fracture - 4 with brown mottling. |
| e | Small. | Flakes, 23 of, various types. |

'Grey chert'

- | | | |
|---|--|--|
| f | | Flakes, 4 medium, in light brownish grey [5 YR 5/1]. |
|---|--|--|

'Red chert'

- | | | |
|---|--|--|
| g | | Chunk, 1 of, large, brownish black [5 YR 2/1] pale alteration - smooth fracture. |
|---|--|--|

Site 105 Grid 13/N6

Flint

Possible scraper, light brown [5 YR 6/4] - with cortex, and 3 flakes, medium, 2 are pinkish grey [5 Y 8/1].

Chert.

- | | | |
|---|--------|---|
| a | Large | Blade, 46mm long and up to 21mm wide, black [N 1] with small golden grains - rough fracture ¹ . |
| b | | Chunks and flakes, 5 of, medium gray [N 5] and medium dark grey [N 4] with pale alteration, rough fracture. |
| c | | Chunks, 2 of, possible cores, dark greenish grey [5 GY 4/1 - smooth fracture. |
| d | Medium | Chunks and flakes, 9 of, medium gray [N 5] and medium dark grey [N 4] with pale alteration, rough fracture. |
| e | | Flakes, 3 of, dark greenish grey [5 GY 4/1 - smooth fracture. |

'Red chert'

- | | | |
|---|--|--|
| f | | Chunk, 1 of, large, and 1 medium flake, brownish black [5 YR 2/1] pale alteration - smooth fracture. |
|---|--|--|

Site 105 Grid 14/N5

Flint

Flakes, 2 of, large, light brown [5 YR 6/4] - with cortex, and medium flakes, 2 of, light brownish grey [5 YR 6/1].

Chert.

- | | | |
|---|---------|--|
| | | Microlith, broken, 8mm long |
| a | Large | Flakes, 5 of, medium gray [N 5] and medium dark grey [N 4] with pale alteration, rough fracture. |
| b | Medium. | Flakes, 16 of, medium grey and dark grey [N 4-5] - rough fracture. |
| c | | Flakes, 2 of, dark greenish grey [5 GY 4/1 - smooth fracture. |

¹ The lithology of this artefact is unusual. Although here recorded as 'chert', further investigation is necessary. Note that a further specimens are present in the finds from the nearby grids **105/15/N4** and **105/16/5b**.

Site 105 Grid 14/N6**Flint**

Tools and flakes, 13 of, in greyish orange pink [5 YR 7/2] and pinkish grey [5 YR 8/1]. The tools consist of one microlith, 25mm long, 1 end scraper, 1 side scraper and 1 circular scraper c.25mm in diameter.

Chert

- | | | |
|---|---------|---|
| a | Large | Flakes, 5 of, dark gray [N 4] and medium dark grey [N 5] with pale alteration - rough fracture. |
| b | | Chunk, 1 of, dark greenish grey [5 GY 4/1 with darker mottling - smooth fracture. |
| c | Medium. | Flakes, 9 of, medium grey and dark grey [N 4-5] - rough fracture. |
| d | | Flakes and chunks, 14 of, dark greenish grey [5 GY 4/1], 5 with red-brown mottling - smooth fracture. |
| e | Small. | Flakes, 7 of, various types |

'Grey chert'

- | | | |
|---|--|--|
| f | | Chunk, 1 of, large - light brownish grey [5 YR 5/1]. |
|---|--|--|

Site 105 Grid 15/N4**Flint**

Tools and flakes, 11 of. Six, in greyish orange pink [5 YR 7/2] and pinkish grey [5 YR 8/1], include a possible side scraper and an end scraper. The other 5 are in light medium grey [N 6].

Chert

Microliths, 2 of, 9mm long.

- | | | |
|---|---------|---|
| a | Large | Chunks and flakes, 4 of, medium dark grey [N 5] with pale alteration - rough fracture. |
| b | | Chunks, 3 of, and 1 flake - dark greenish grey [5 GY 4/1, 2 with darker mottling - smooth fracture. |
| c | Medium. | Flakes, 30 of, medium grey and dark grey [N 4-5] - rough fracture. |
| d | | Flakes and chunks, 15 of, dark greenish grey [5 GY 4/1] - smooth fracture. |
| e | Small. | Flakes, 13 of, various types |

'Grey chert'

- | | | |
|---|--|--|
| f | | Chunks, 1 large and 2 medium - light brownish grey [5 YR 5/1]. |
|---|--|--|

'Red chert'

- | | | |
|---|--|---|
| g | | Chunks and flakes, 6 large, 8 medium, brownish black [5 YR 2/1] alteration - smooth fracture.
(Note: includes 4 specimens with very small gold coloured speckles - see Site 105 Grid 13/N6). |
|---|--|---|

Site 105 Grid 15/N5 [NS 95488 10495]**Flint**

Scraper, 51mm long, and medium flake in light brownish grey [5 YR 6/1]; a possible scraper and 6 small flakes in medium light grey [N 5].

Chert

- | | | |
|---|---------|---|
| a | Large | Chunks and flakes, 4 of, medium dark grey [N 5] with pale alteration - rough fracture. |
| b | | ?Piercers, 2 of, 1 dark greenish grey [5 GY 4/1 with brown mottling; 1 in medium bluish grey [5 B 5/1] - smooth fracture. |
| c | Medium. | Flakes and chunks, 15 of, medium grey and dark grey [N 4-5] - rough fracture. |
| d | | Flakes, 2 of, dark greenish grey [5 GY 4/1] - smooth fracture. |
| e | Small. | Flakes, 3 of, various types |

'Black chert'

- | | | |
|---|--|---|
| f | | Chunks, 5 of, dark grey [N3] - smooth fracture. |
|---|--|---|

Site 105 Grid 15/N6

Flint

Possible core and 1 medium flake in medium light grey [N 5].

Chert

- | | | |
|---|---------|--|
| a | Large | Chunk, 1 of, medium dark grey [N 5] with pale alteration - rough fracture. |
| b | | Flake, perhaps scraper, 1 of, dark greenish grey [5 GY 4/1] - smooth fracture. |
| c | Medium. | Flakes and chunks, 4 of, medium dark grey [N 4] - rough fracture. |
| d | Small. | Flakes, 2 of, various types |

'Red chert' (actually black chert)

- | | | |
|---|--|---|
| e | | Flake, 1 of, medium, dark grey [N3] apparently with radiolarians replaced in quartz or calcite - smooth fracture. |
|---|--|---|

Site 105 Grid 16/N4

Flint

Possible scrapers, 3 of, in pale brown [5 YR 5/5], and 1 medium and 1 small flake.

Chert

- | | | |
|---|---------|--|
| a | Large | Chunks and flakes, 5 of, 1 is possibly a scraper, another perhaps a point, medium dark grey [N 5] with pale alteration - rough fracture. |
| b | | Chunks, 2 of, and 1 possible scraper, dark greenish grey [5 GY 4/1] - smooth fracture. |
| c | Medium. | Flakes and chunks, 16 of, medium dark grey [N 4] and medium grey [N 5] - rough fracture. |
| d | | Flakes and chunks, 5 of, dark greenish grey [5 GY 4/1] - smooth fracture. |
| e | Small. | Flakes, 7 of, various types |

'Black chert'

- | | | |
|---|--|---|
| f | | Flakes, 2 large, 2 medium, olive black [5 Y 2/1] - smooth fracture. |
|---|--|---|

Site 105 Grid 16/N5a Note: possibly 16/N6²

Flint

Flake, medium, pale brown [5 YR 5/5].

Chert

- | | | |
|---|---------|---|
| a | Medium. | Flakes and chunks, 7 of, medium dark grey [N 4] and medium grey [N 5] - rough fracture. |
| b | | Flake, 1 of, possibly a scraper and 1 small flake, dark greenish grey [5 GY 4/1] - smooth fracture. |
| e | Small. | Flakes, 3 of, various types |

'Black chert'

- | | | |
|---|--|--|
| f | | Flakes, 3 medium, olive black [5 Y 2/1] - smooth fracture. |
|---|--|--|

² There are 2 bags labelled 16/N5. They are here renamed as 16/N5a and 16/5b. It is probable that one of these is actually from Grid 16/N6. On the accompanying site plan, the adjoining grids 16/N5 and 16/N 6 have been combined and renamed 16/N5-6.

Site 105 Grid 16/N5b Note: possibly 16/N6 (See Footnote 2 above)

Flint

Flakes, 7 of, in light brownish grey [5 YR 6/1] and medium light grey [N 6] and 1 chunk of agate..

Chert

- a Medium. Flakes and chunks, 15 of, medium dark grey [N 4] and medium grey [N 5] - rough fracture.
- b Chunks, 2 of, dark greenish grey [5 GY 4/1] - smooth fracture.
- c Chunks and flakes, 7 of, medium bluish grey [5 B 5/1] - smooth fracture. One, with extensive pale alteration, show radiolarians.
- d Small. Flakes, 13 of, various types

‘Black chert’

- e Chunk, large and 4 medium flakes, olive black [5 Y 2/1] - smooth fracture. Three of the flakes have very small pale spots cf. **Site 105 Grid 13/N6**).

Site 105 Grid 17/N5

Flint

Chunk, large, pinkish grey [5 YR 8/1] and 2 medium flakes in light grey [N 6]

Chert

- a Microlith, broken, 9mm long, medium dark grey [N 4].
- b Large Chunks, 2 of, medium dark grey [N 4] - rough fracture.
- c Flakes, 2 of, possibly scrapers, dark greenish grey [5 GY 4/1] - smooth fracture.
- d Medium. Flakes and chunks, 10 of, medium dark grey [N 4] and medium grey [N 5] - rough fracture.
- e Chunks and flakes, 11 of, medium bluish grey [5 B 5/1] and dark greenish grey [5 GY 4/1] - 4 have darker mottling - smooth fracture.
- f Small. Flakes, 19 of, various types.

‘Grey chert’

- g Flake, medium - light brownish grey [5 YR 5/1].

‘Red and Black chert’

- eh Flakes, 2 of, 1 is dark reddish brown [10 R 3/4], the other is olive black [5 Y 2/1] with very small pale spots cf. **Site 105 Grid 13/N6**).- smooth fracture.

Site 105 Grid 12, 13 and 14/N1

Flint

Flake, medium, pinkish grey [5 YR 8/1] and 1 medium flake in light grey [N 6].

Chert

- a Large Chunks, 2 of, medium dark grey [N 4] - rough fracture.
- b Chunks, 4 of, medium bluish grey [5 B 5/1] - smooth fracture.
- c Medium. Flakes and chunks, 8 of, medium dark grey [N 4] and medium grey [N 5] - rough fracture.
- d Chunks and flakes, 12 of, 9 medium bluish grey [5 B 5/1] and 3 dark greenish grey [5 GY 4/1] - smooth fracture.
- e Small. Flakes, 5 of, various types.

Site 105 Feature F1

Flint

Flake, medium, and 5 small flakes in light brownish grey [5 YR 6/1].

Chert

- a Medium. Flake, 1 of, medium dark grey [N 4] - rough fracture.
- b Flakes, 2 of, medium bluish grey [5 B 5/1] - smooth fracture.
- c Small. Flakes, 3 of, various types.

Site 105 Feature F2 - upper**Chert**

- a Medium. Flake, 1 of, dark grey [N 3] - rough fracture.

Near Site 105 [NS 95495 10496].**Flint**

- Flakes, 5 medium and 7 small, pinkish grey [5 YR 8/1] and light brownish grey [5 YR 5/1].

Chert

- a Large Chunks, 5 of, medium dark grey [N 4], pale alteration - rough fracture.
 b Chunks and flakes, 6 of, medium bluish grey [5 B 5/1] - smooth fracture.
 c Chunk, 1 of, olive grey [5 Y 4/1] - smooth fracture.
 d Medium. Flakes and chunks, 17 of, medium dark grey [N 4] and medium grey [N 5] - rough fracture.
 e Chunks and flakes, 26 medium bluish grey [5 B 5/1]] - smooth fracture.
 f Small. Flakes, 51 of, mostly medium bluish grey.

‘Grey chert’

- g Chunks, 2 of, large and 5 medium flakes - light brownish grey [5 YR 5/1].

‘Red chert’

- h Flake, 1 of, medium, blackish red [5 R 2/2] - smooth fracture.

Note: said to contain 2 pieces of pitchstone and 4 microliths - not seen - in addition to the above.

North of Site 105 (random furrow north of trench)**Flint**

- Flake, 1 of, elongated, 30mm long, pinkish grey [5 YR 8/1].

Chert

- a Medium. Flakes and chunks, 6 of, dark grey [N 3] and medium dark grey [N 4] - rough fracture.
 b Chunks and flakes, 6 of, dark greenish grey [5 GY 4/1] - smooth fracture.

‘Grey chert’

- c Chunk, 1 of, 1 medium - light brownish grey [5 YR 5/1].

Site 105,/Spoil**Flint**

- Flake, 1 of, possible scraper, light brownish grey [5 YR 6/1].

Chert

- a Medium. Flakes and chunks, 9 of, dark grey [N 3] and medium dark grey [N 4] - rough fracture.
 b Chunks and flakes, 3 of, dark greenish grey [5 GY 4/1] - smooth fracture.

Daer 2011 Site 105 [NS 95494 10502]

Sample No	Flint	Pistone	Haem	Ceram	Chert-rough			Chert-smooth			Grey chert			Var	Small Total	Total Chert	Tools'					H/K	R/C	R-Q	(R-Q)/C	Comment
					Large	Med	Total	Large	Med	Total	Large	M+S	Total				Mic	Co	Bl	Pl	Sc					
105/7/S1	2011	1			4	5	4	2	7	9	1	1	1			14						0.6	14.0	14	14.0	
105/7/S2	2011	1			5	10	5	1	7	7	1	2	3		2	17						0.7	17.0	15	15.0	
105/7/S3	2011				4	6	10	1	2	3					5	18						3.0	13			
105/8/S1	2011	4	1		3	16	19	5	13	18	4	4	4	3	42	86						1.2	21.5	44	11.0	P = 'Red chert'
105/8/S2	2011	2			4	15	19	4	14	18	1	1	1		20	58						1.1	29.0	38	19.0	P = 'Red chert'
105/8/S3	2011				1		1									2								2		
105/9/S1	2011	7			4	23	27	5	44	49	1	5	6		32	114						0.5	16.3	82	11.7	
105/9/S2	2011	5			4	8	12	1	16	16	4	4	4	1	15	47						0.5	9.4	32	6.4	
105/9/S3	2011				2	2	2							1		5								5		P = 'Red chert'
105/10/S1	2011	3			3	8	11		28	28	1	3	4		47	47						0.3	15.7	47	15.7	
105/10/S2	2011				2	2	4		4	4						9						0.5		9		
105/10/S3	2011				1	1	2	1	1	2						4						1.0		4		
105/7-8/N1	2011	4			8	9	17	4	11	15				15		47						0.8	11.8	47	11.8	
105/11/N4	2011				2	6	8	2	12	14				5	7	36						0.5	18.0	29	14.5	P = 'Red chert'
105/11/N5	2011	7	1		2	17	19	2	16	18	3	3	3	1	19	60						1.1	8.6	41	5.9	S = 'Red chert'
105/11/N6	2011	2			2	8	10				1	1	1	1	4	24						1.0	12.0	20	10.0	P = 'Red chert'
105/12/N4	2011	1			4	9	13	5	12	17				7	10	47						0.8	47.0	37	37.0	P = 'Red chert'
105/12/N5	2011	2			3	7	10	1	5	6	1	1	1	1	4	21						1.4	10.5	17	8.5	P = 'Red chert'
105/12/N6	2011	2			3	3	6		4	4					5	18						0.8	9.0	13	6.5	
105/13/N4	2011	19		1	5	33	38	2	13	15	4	4	4	4	33	95						2.5	5.0	62	3.3	P = 'Red chert'
105/13/N5	2011	22			3	23	26	4	24	28	4	4	4	2	23	83						1.0	3.8	60	2.7	P = 1 Hazel nut shell; 1 'Red chert'
105/13/N6	2011	4			5	9	14	2	3	5				3		22						3.0	5.5	22	5.5	P = 'Red chert'
105/14/N4	2011		?No finds																					0		
105/14/N5	2011	4			5	16	21		2	2					7	23						8.0	5.8	23	5.8	
105/14/N6	2011	13			5	9	14	1	14	15	1		1			37						0.6	2.8	30	2.3	
105/15/N4	2011	11			4	30	34	3	15	18	2	3	3	14	13	82						2.0	7.5	69	6.3	P = 'Red chert' - 6 large, 8 medium
105/15/N5	2011	9			4	15	19	2	2	4				5	3	31						7.5	3.4	28	3.1	P = 'Black chert'

Site No 106

Ian Paterson & Tam Ward

Introduction

The site was originally recorded as:

142 **Site No 106** Fire place NS 95494 10512

Site 106 lay 9m down furrow from Grid No 7/N/1 of Site 105. It was seen as a distinctive area of about 1.5m in diameter of charcoal, reddened burnt stone and within and below the charcoal at one discrete spot was creamy coloured clay. At first the clay was thought to be wood ash but when tested gave a negative response to hydrochloric acid. The fire which filled the width of the furrow and extended a further 0.5m into the baulk on the north side had been one of moderate use since the ground was only superficially burnt, but nevertheless the burning had been of a of duration to discolour stones.

A soil sample of c10litre was taken for sieving and 166 grammes of charcoal were recovered.

Discussion

A similar clay feature was found at nearby Site No 105 and it may be possible that they are linked in time and perhaps even in function. The clay at both locations may be evidence of pottery making although neither pottery nor daub was found. These are the only locations in the project where clay was found as a deposit.



Site No 107

Ian Paterson & Tam Ward

Introduction

The site was originally recorded as:

238 **Site No 107** Stone setting NS 95813 10176

The location is the lower east flank of Coom Rig and lying immediately above a new forest drain on slightly sloping ground. It lies at 315m OD. The location is only a few metres upslope from Site 92 and they may be associated.

A baseline was established over the feature at 297° magnetic from 0m which was at NGR NS 95813 10176.

The find spot was originally seen as a scatter of stones in the furrow (PI 1). It consisted of a single layer of stones ranging from c0.2m to 0.7m in size and up to c0.25m deep; they were laid edge to edge for the most part of the 8.5m by 2.8m setting which was aligned E/W on the long axis and running up a gentle slope (Fig 1 and PI's 2 & 3). The stones had been gathered from the landscape and were all angular or sub angular and with rounded edges for the most part.

Two possible separate settings within the group were evident, the lower one at the E end measured 2.8m by 2.0m, thus forming an oval shape, and this appeared to be bounded by perimeter boulders with the central area being infilled.

The other apparently distinct setting was at the upper W end and this measured 2.2m by 1.4m, the long axis also being aligned with the slope of the ground. This grouping had a mixture of stone sizes and had no obvious design in their layout.

Between the two possible settings the rest of the feature appeared as a more ad hoc arrangement with spaces between some stones while others were laid edge to edge. Certainly some disturbance had taken place with the forest plough which removed some stones and damaged others along the line of the furrow which terminated on the feature; however, the disturbance was minimal.

It became evident the entire feature had been laid on prepared ground, the original soil having been removed and the stones laid directly on to the till which at this place was clayey hill wash with small weathered stones and lying over the orange coloured gravelly till which is normally encountered on most sites on the project.

Occasional small burnt stones lay below the main stone setting, along with a light and sporadic scatter of charcoal fragments. However no obvious reason for this was forthcoming.

No artefacts of any type were located below the stones which were mostly removed by excavation and only a few tiny pieces of lithic flakes and a pottery fragment, too small to be diagnostic were found during the cleaning of the stone setting.

Discussion

The feature was located immediately below a shallow peat cover which indicated it was at least pre historic in origin. Because a soil profile had not developed over the stones it may be that the stones were laid down in the Late Bronze Age, immediately prior to peat growth in the area.

To the SE of the site and covering an area of circa 30m in diameter there is an apparently random but slight scatter of burnt stone and charcoal, no explanation for this is obvious as concentrations of such material are often found as burnt mound activity or hearths, but that was not located. Domestic activity may have accounted for it but again no evidence in the form of artefacts was found. However, it is likely that the stone setting of Site 107 was built over a pre existing scatter of burnt material and that the burnt material there had nothing to do with whatever activity took place at Site 107.

It was obvious that the stones had been gathered from the landscape and that the larger stones must have been dragged from beyond the immediate vicinity. Selection of relatively flat stones seemed deliberate. The site preparation and selection and gathering of stones, like Site 92, represented planning of the work by the builders, who created a pavement at this location.

It seem likely because of their proximity and other similarities that Site 107 and Site 92 are associated in time and probably in function but what that purpose was remains unknown. Burial seems unlikely as the amounts of charcoal would not represent even a token deposit of a cremation, and inhumation would probably have involved a pit of which there was no indication. It therefore seems that the stones were laid for an activity on their surface but in the absence of artefacts or any other evidence apart from the stones themselves, which form a unique site type in the Upper Clyde and Tweed valleys, this feature remains an enigma.

As with most problems like this, the answer may have lain nearby; however the logistics of this project meant that limited excavation at each location was necessary to maximise resources of time and people.

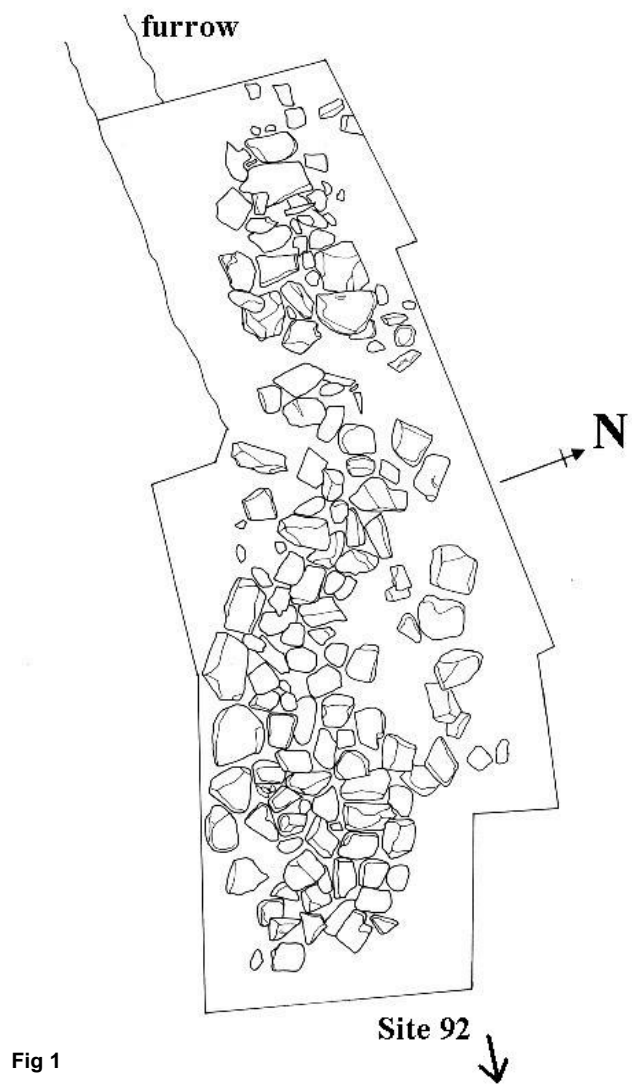


Fig 1



Plate 1



Plate 2



Plate 3

Site No 108

Ian Paterson & Tam Ward

The site was originally recorded as:

236 161 Site No 108 Chert NS 95691 10412

Site 108 lies on the lower east flank of Coom Rig and immediately down slope from Site 88 at the base of the break of slope but still on a slight slope itself, ploughing was terminated about 10m further down hill. The depth of turf and peat over the location was up to 0.4m deep.

A baseline was set at 2050 from its zero point and the centre of the trench at Grid 2/N/1 was NS 95691 10412, it lies at 310m OD.

The site was discovered by a single chunk of chert lying in the plough trench; a trial soon proved that more lithic was in the furrow and cleaning also revealed the presence of F1 (PI's 1,2 & 3) (Fig 1), half of which was in the furrow, work extended on the basis that more lithic and features may have been found. A second feature F2 (PI 3) was located in the minimal work and these are described below:

Feature 1 Grid 2/N/1

F1 was a pit measuring 0.5m by 0.4m and 100mm deep below the upper level of the orange coloured till. The sides were gradual apart from the northern side which was steep, the base was flat. The pit was homogenous with reddened heat cracked burnt stone and charcoal throughout. Some of the stones around the edge of the pit had the appearance of packing stones but these are believed to be part of the pit fill. The till in and around the pit was not discoloured by the effect of heat, therefore it may be assumed that the fill was cold when deposited.

Charcoal from F1

F1 was sectioned and the fill was retrieved in two halves; north and south. Charcoal produced was;

F1 upper south	9 grammes	larger hand picked from flot
F1 middle south	11.5	larger hand picked from flot
F1 middle south	37	+ grit and rootlets
F1 upper base south	55	larger hand picked from flot
F1 upper base south	67	+ grit and rootlets
F1 base south	32	larger hand picked from flot
F1 base south	49	+ grit and rootlets

F1 middle	n/a	0.3mm flot
F1 upper base	n/a	0.3mm flot
F1 base	n/a	0.3mm flot
Follows F1 north half of pit entire depth		
F1 north	60	larger hand picked from flot
F1 north	54	larger & smaller
F1 north	140	+ grit and rootlets

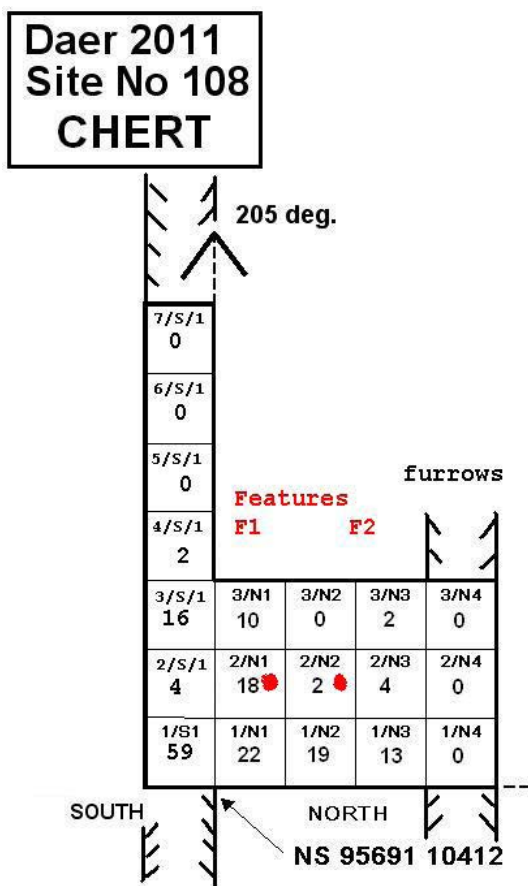


Fig 1



Plate 1



Plate 2



Plate 3

Feature 2 Grid 2/N/2

F2 was a pit measuring 0.4m by 0.3m and 75mm deep below the upper level of the orange coloured till. The sides were gradual and the base flat. The pit was filled with occasional heat reddened stones and charcoal throughout, many small pebbles and gravel within the pit and which was washed in the soil sample were shown to have been burnt, however heat had apparently not affected the pit sides or base. Like F1 the fill is assumed to have been cold when deposited.

Charcoal from entire pit F2

F2 was sectioned but the entire fill was taken as a single sample. Charcoal produced was;

F2	30 grammes	larger hand picked from flot
F2	224 grammes	+ grit and rootlets

The long axis of both pits was aligned with the base line. The function of the pits was at first reckoned on being for possible cooking with hot stones and material from a fire, however, if such material had been placed in the pits, the till in the bases and sides would have been discoloured from the creamy/orange to a more reddened hue, similar to the fire place at nearby Site 88 uphill. The purpose of the pits is therefore unknown.

The presence of microliths points to the Mesolithic period for the location and given its proximity to Site No 88 uphill they may be connected.

Excavation finds list
by
Ian Paterson

Introduction

The excavation covered 26 square metres. The finds were sparse with only a total of 237 lithic fragments being recovered. Of these, 64 were small – that is, less than 10mm in length and they have not been included in the calculations.

The assemblage from the site consisted almost exclusively of chert. Of the identifiable chert fragments, about 91% consisted of the rough-fracturing dark grey type; with only about 1% being the smooth -fracturing greenish-grey variant. About 5% of the total was 'grey' chert and there was about 2% of 'red' chert.

Unusually, no flint was found apart from one microlith. A second microlith was of chert.

There were 2 fragments of pitchstone.

Grid 108/1/S2

Chert

- a Microlith, part of (broken off tip).
- b Large Chunks, 12 of, 3 are probably cores - medium dark grey [N 4], some with pale altered zones showing- radiolarians, rough fracture.
- c Medium Chunks and flakes, 27 of, medium dark grey [N 4], rough fracture.
- d Small Flakes, 19 of, medium dark grey [N 4].

Grid 108/1/N1Pitchstone

Flake, 1 of, medium dark grey [N 4].

Chert

- a Large Chunks, 3 of, medium dark grey [N 4], with pale altered zones showing- radiolarians, rough fracture.
- b Medium Chunks and flakes, 13 of, medium dark grey [N 4], rough fracture.
- c Small Flakes, 3 of, medium dark grey [N 4].

'Grey chert'

- d Chunks, 4 of, medium, light brownish grey [5 YR 6/1].

Grid 108/1/N1a

Sandstone

Boulder, water-rounded, 88mm x 64mm x 57mm, of coarse-grained, quartzose sandstone. One side is smoothed. No sign of impact. More likely to be a smoothing stone than a hammer stone.

Grid 108/1/N2

Chert

- a Large Chunk, 1 of, medium dark grey [N 4] to medium grey [N 5], rough fracture, with pale altered zones showing radiolarians.
- b Medium Chunks and flakes, 8 of, dark grey [N 3] to medium grey [N 5], rough fracture.
- c Small Flakes, 8 of, dark grey [N 3] to medium grey [N 5].

'Grey chert'

- d Flakes., 1 large (smooth fracture), 1 medium, light brownish grey [5 YR 6/1].

Grid 108/1/N3

Chert

- a Large Chunk, 5 of, medium dark grey [N 4] to medium grey [N 5], rough fracture - with pale altered zones showing radiolarians.
- b Medium Chunks and flakes, 6 of, dark grey [N 3] to medium grey [N 5], rough fracture.
- c Small Flakes, 2 of, medium grey [N 5].

Grid not known Pottery

Sherds

18 of, and 3 crumbs, perhaps from several vessels. Fabric is rough with angular rock fragments up to 8mm long. One sherd 125mm long, up to 75mm deep and 18mm thick appears to be from plain rim of 'bucket urn' c.360mm in diameter.

Grid 108/2/S2

Chert

- a Large Chunk, 1 of, medium dark grey [N 4], rough fracture - with pale altered zones showing radiolarians.
- b Medium Flakes, 2 of, medium dark grey [N 4], rough fracture - with pale altered zones showing radiolarians.
- c Flake, 1 of, olive grey [5 Y 4/1] with small greyish brown [5 YR 3/2] blotches, smooth

fracture.

Grid 108/2/N1

Flint

Microlith, 9mm long.

Chert

- a Large Chunks, 3 of, medium grey [N 5], rough fracture.
- b Medium Chunks and flakes, 7 of, dark grey [N 3] and medium grey [N 5], rough fracture.
- c Small Flakes, 5 of, various types.

'Grey chert'

- d Flakes, 2 medium, light brownish grey [5 YR 6/1].

'Red chert'

- e Flake, 1 of, medium, greyish brown [5 YR 3/2] with dark greenish grey [5 GY 4/1] mottle.

Grid 108/2/N2

Chert

- a Large Core, 1 of, large, mottled medium dark grey [N 4] and medium grey [N 5], rough fracture.
- b Medium Chunk, 1 of, dark grey [N 3] with medium grey [N 5] bands, rough fracture.

Grid 108/2/N3

Chert

- a Large Flakes, 2 of, medium grey [N 5], rough fracture.

'Red chert'

- b Chunk, 1 of, large with pale alteration, and flake, 1 of, medium, greyish brown [5 YR 3/2] with dark greenish grey [5 GY 4/1] mottle - smooth fracture.

Grid 108/3/S2

Chert

- a Large Chunk, 1 of, medium dark grey [N 4], rough fracture.
- b Medium Flakes, 6 of, 5 medium dark grey [N 4] and medium grey [N 5], rough fracture - 1 with pale altered zones showing radiolarians; and 1 dark greenish grey [5 GY 4/1] with smooth fracture.

- c Small Flakes, 9 of, above types.

Grid 108/3/N1

Chert

- a Medium Chunks and flakes, 7 of, dark grey [N 3] and medium grey [N 5], rough fracture - pale alteration.
- b Small Flakes, 3 of, above types.

Grid 108/3/N2

No finds

Grid 108/3/N3

Chert

- a Medium Flake, 1 of, dark grey [N 3], rough fracture.

'Grey chert'

- b Flake, 1 of, small, light brownish grey [5 YR 6/1].

Grid 108/4/S2

Pitchstone

Flake, 1 of, small, medium dark grey [N 4].

Chert

- a Large Chunk, 1 of, medium grey [N 5], rough fracture and pale alteration.
- b Small Flake, 1 of, as above.

North furrow - Grid 108/1 -3/N4

- a Large Flakes, 6 of, dark grey [N 3], rough fracture. All show some edge damage and possibly were used as scrapers.
- b Medium Flakes and chunks, 11 of, dark grey [N 3] - medium dark grey [N 4], rough fracture. Several have pale alteration and show radiolarians.

South furrow - -3 +7 (10 grids total)

Chert

- a Large Chunks and flakes, 10 of, dark grey [N 3] to medium dark grey [N 4], rough

fracture. Several have pale alteration.

- b Medium Flakes and chunks, 23 of, dark grey [N 3] - medium dark grey [N 4], rough fracture. Several have pale alteration and show radiolarians.
- c Small Flake, 14 of, as above.

Excavation finds list

by
Ian Paterson

The excavation covered 26 square metres. The finds were sparse with only a total of 237 lithic fragments being recovered. Of these, 64 were small – that is, less than 10mm in length and they have not been included in the calculations.

The assemblage from the site consisted almost exclusively of chert. Of the identifiable chert fragments, about 91% consisted of the rough-fracturing dark grey type; with only about 1% being the smooth - fracturing greenish-grey variant. About 5% of the total was 'grey' chert and there was about 2% of 'red' chert.

Unusually, no flint was found apart from one microlith. A second microlith was of chert.

There were 2 fragments of pitchstone.

Grid 108/1/S2

Chert

- | | | |
|---|--------|---|
| a | | Microlith, part of (broken off tip). |
| b | Large | Chunks, 12 of, 3 are probably cores - medium dark grey [N 4], some with pale altered zones showing- radiolarians, rough fracture. |
| c | Medium | Chunks and flakes, 27 of, medium dark grey [N 4], rough fracture. |
| d | Small | Flakes, 19 of, medium dark grey [N 4]. |

Grid 108/1/N1

Pitchstone

Flake, 1 of, medium dark grey [N 4].

Chert

- | | | |
|---|--------|--|
| a | Large | Chunks, 3 of, medium dark grey [N 4], with pale altered zones showing- radiolarians, rough fracture. |
| b | Medium | Chunks and flakes, 13 of, medium dark grey [N 4], rough fracture. |
| c | Small | Flakes, 3 of, medium dark grey [N 4]. |

'Grey chert'

- | | | |
|---|--|---|
| d | | Chunks, 4 of, medium, light brownish grey [5 YR 6/1]. |
|---|--|---|

Grid 108/1/N1a

Sandstone

Boulder, water-rounded, 88mm x 64mm x 57mm, of coarse-grained, quartzose sandstone. One side is smoothed. No sign of impact. More likely to be a smoothing stone than a hammer stone.

Grid 108/1/N2

Chert

- | | | |
|---|--------|---|
| a | Large | Chunk, 1 of, medium dark grey [N 4] to medium grey [N 5], rough fracture, with pale altered zones showing radiolarians. |
| b | Medium | Chunks and flakes, 8 of, dark grey [N 3] to medium grey [N 5], rough fracture. |
| c | Small | Flakes, 8 of, dark grey [N 3] to medium grey [N 5]. |

'Grey chert'

- | | | |
|---|--|---|
| d | | Flakes., 1 large (smooth fracture), 1 medium, light brownish grey [5 YR 6/1]. |
|---|--|---|

Grid 108/1/N3**Chert**

- | | | |
|---|--------|--|
| a | Large | Chunk, 5 of, medium dark grey [N 4] to medium grey [N 5], rough fracture - with pale altered zones showing radiolarians. |
| b | Medium | Chunks and flakes, 6 of, dark grey [N 3] to medium grey [N 5], rough fracture. |
| c | Small | Flakes, 2 of, medium grey [N 5]. |

Grid not known**Pottery**

Sherds, 18 of, and 3 crumbs, perhaps from several vessels. Fabric is rough with angular rock fragments up to 8mm long. One sherd 125mm long, up to 75mm deep and 18mm thick appears to be from plain rim of 'bucket urn' c.360mm in diameter.

Grid 108/2/S2**Chert**

- | | | |
|---|--------|--|
| a | Large | Chunk, 1 of, medium dark grey [N 4], rough fracture - with pale altered zones showing radiolarians. |
| b | Medium | Flakes, 2 of, medium dark grey [N 4], rough fracture - with pale altered zones showing radiolarians. |
| c | | Flake, 1 of, olive grey [5 Y 4/1] with small greyish brown [5 YR 3/2] blotches, smooth fracture. |

Grid 108/2/N1**Flint**

Microolith, 9mm long.

Chert

- | | | |
|---|--------|---|
| a | Large | Chunks, 3 of, medium grey [N 5], rough fracture. |
| b | Medium | Chunks and flakes, 7 of, dark grey [N 3] and medium grey [N 5], rough fracture. |
| c | Small | Flakes, 5 of, various types. |

'Grey chert'

- | | | |
|---|--|---|
| d | | Flakes, 2 medium, light brownish grey [5 YR 6/1]. |
|---|--|---|

'Red chert'

- | | | |
|---|--|--|
| e | | Flake, 1 of, medium, greyish brown [5 YR 3/2] with dark greenish grey [5 GY 4/1] mottle. |
|---|--|--|

Grid 108/2/N2**Chert**

- | | | |
|---|--------|--|
| a | Large | Core, 1 of, large, mottled medium dark grey [N 4] and medium grey [N 5], rough fracture. |
| b | Medium | Chunk, 1 of, dark grey [N 3] with medium grey [N 5] bands,, rough fracture. |

Grid 108/2/N3**Chert**

- | | | |
|---|-------|--|
| a | Large | Flakes, 2 of, medium grey [N 5], rough fracture. |
|---|-------|--|

'Red chert'

- | | | |
|---|--|---|
| b | | Chunk, 1 of, large with pale alteration, and flake, 1 of, medium, greyish brown [5 YR 3/2] with dark greenish grey [5 GY 4/1] mottle - smooth fracture. |
|---|--|---|

Grid 108/3/S2**Chert**

- | | | |
|---|--------|--|
| a | Large | Chunk, 1 of, medium dark grey [N 4], rough fracture. |
| b | Medium | Flakes, 6 of, 5 medium dark grey [N 4] and medium grey [N 5], rough fracture - 1 with pale altered zones showing radiolarians; and 1 dark greenish grey [5 GY 4/1] with smooth fracture. |
| c | Small | Flakes, 9 of, above types. |

Grid 108/3/N1**Chert**

- | | | |
|---|--------|---|
| a | Medium | Chunks and flakes, 7 of, dark grey [N 3] and medium grey [N 5], rough fracture - pale alteration. |
| b | Small | Flakes, 3 of, above types. |

Grid 108/3/N2**No finds****Grid 108/3/N3****Chert**

- | | | |
|---------------------|--------|---|
| a | Medium | Flake, 1 of, dark grey [N 3], rough fracture. |
| 'Grey chert' | | |
| b | | Flake, 1 of, small, light brownish grey [5 YR 6/1]. |

Grid 108/4/S2**Pitchstone**

Flake, 1 of, small, medium dark grey [N 4].

Chert

- | | | |
|---|-------|---|
| a | Large | Chunk, 1 of, medium grey [N 5], rough fracture and pale alteration. |
| b | Small | Flake, 1 of, as above. |

North furrow - Grid 108/1 -3/N4

- | | | |
|---|--------|---|
| a | Large | Flakes, 6 of, dark grey [N 3], rough fracture. All show some edge damage and possibly were used as scrapers. |
| b | Medium | Flakes and chunks, 11 of, dark grey [N 3] - medium dark grey [N 4], rough fracture. Several have pale alteration and show radiolarians. |

South furrow - -3 +7 (10 grids total)**Chert**

- | | | |
|---|--------|---|
| a | Large | Chunks and flakes, 10 of, dark grey [N 3] to medium dark grey [N 4], rough fracture. Several have pale alteration. |
| b | Medium | Flakes and chunks, 23 of, dark grey [N 3] - medium dark grey [N 4], rough fracture. Several have pale alteration and show radiolarians. |
| c | Small | Flake, 14 of, as above. |

Daer 2011, Site 108 [NS 95535 10527]

Sample No	Date	Flint	Pistone	Haem	Ceram	Chert-rough			Chert-smooth			Grey chert		Var	Small	Total	Chert	Tools'					H/K	Comment	
						Large	Med	Total	Large	Med	Total	Large	M+S					Total	Mic	Co	BI	PI			Sc
108/1/S2	2011		1			12	27	39							19	59									
108/1/N1	2011					3	13	16					3	3	3	22	1								
108/1/N1a	2011																								
108/1/N2	2011					1	8	9							8	19									
108/1/N3	2011					5	6	11					1	1	2	13									
108/2/S2	2011					1	2	3							2	4									
108/2/N1	2011					3	7	10		1	1		2	2	1	18						2.0			
108/2/N2	2011						1	1							2	1F									
108/2/N3	2011					2	1	2							2	4									
108/3/S2	2011					1	5	6		1	1				9	16									
108/3/N1	2011						7	7							3	10									
108/3/N2	2011		No finds													0									
108/3/N3	2011						1	1					1	1		2									
108/4/S2	2011		1			1	11	17							1	2									
108/N furrow	2011					6	11	17								17									
108/S furrow	2011		2			10	23	33							14	47									
						45	111	156		2	2		1	7	8	64	235	1+1F	1			55.5			

Site No 109

Ian Paterson & Tam Ward

Introduction

Site 109 Cairn 320m OD NGR 95789 10161

Not recorded in fieldwalking

A small cairn probably no more than c1m – 1.5m in diameter by 0.4m high was exposed in a furrow upslope and to the SW of Sites No's 107 & 92. The furrow was excavated to reveal the stone pile, lying on ogs and which included small burnt stones and charcoal fragments. The cairn lay on a slight slope.

It is most likely that the burnt material is part of a larger spread which appears in the furrows for a distance of some 60m from Site 92 and which remains unexplained.

The cairn, probably field clearance in function was created after the spread of burnt material had taken place.