## Dubford, Aberdeen, AB23 8RL Archaeological Evaluation and Standing Building Survey







Alison Cameron and Cat Peters Cameron Archaeology 15 February 2013

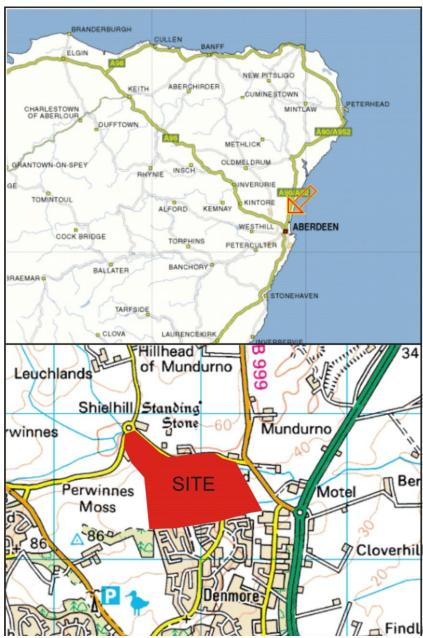
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#### 1 INTRODUCTION

The client Scotia Homes (North) Limited plan to develop a parcel of land to the north of the Bridge of Don, Aberdeen (Illus 1). 30 hectares of the site is land undisturbed by quarrying. The site is located at AB23 8RL, NJ 94187, 12530 at 39-76 m OD in Old Machar parish. The site is bounded on the east by the B999 (Murcar to Potterton), on the south by current housing (Sea View Place, Cypress Drove, Dubford) on the west by Perwinnes Moss and on the north by B road linking Dubford to Shielhill. Application for a mixed use development (Aberdeen City Council Planning reference P111564) was received on 20.10.2011.

The area is improved arable land a portion of which was occupied by Dubford sand and gravel quarries (Illus 4), Dubford Farm and saw mill. A Level 3 standing building survey of the Dubford Farm buildings (Illus 3) and a 10% archaeological evaluation of the proposed development area (Illus 4) was required by Aberdeen City Council and this work took place from 15 January -15 February 2013. The standing building survey was carried out by Alison Cameron and the evaluation by Alison Cameron, Stuart Farrell and Cat Peters.



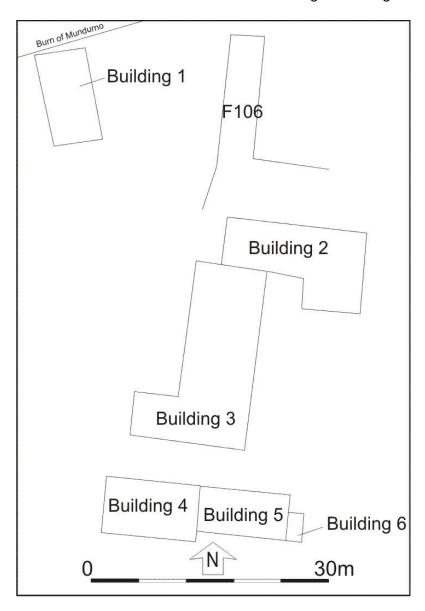
Illus 1 Location plan (Contains Ordnance Survey data © Crown copyright and database right 2013)

First, Second and Third Edition Ordnance Survey (1886, 1896, 1909; Illus 2) all show a road running through the centre of the site, now marked by a tree-lined field boundary and a building at the location of Dubford Farm. There is no evidence of a quarry at the site at that time and no other features appear in this parcel of land.

'Dubford' and 'Sheillhills' are both placenames by mid 18th-century Roy maps. PASTMAP and CANMORE have been consulted to provide the information about the archaeological and historical sites in the area of the proposed development. Dubford sand and gravel quarries (NJ91SW 46) occupied sites at the NW of the current site as well as to the north of the Dubford-Shielhill Road (OS 1:10,000 map, 1990).

#### 2 STANDING BUILDING SURVEY

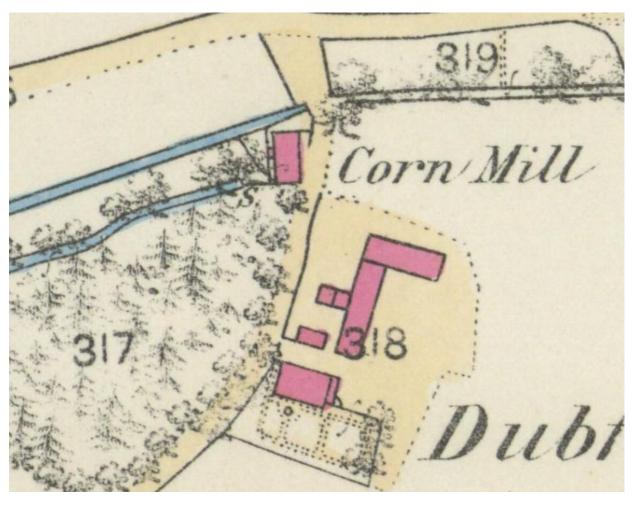
The standing building survey was carried out from 15 January - 4 February 2013. The buildings were numbered Building 1(mill), Buildings 2 and 3 (the steading), Building 4 (farmhouse) Building 5 (farm building) and Building 6 (lean-to coal store). Building 1 is being retained and refurbished and the other buildings are being demolished.



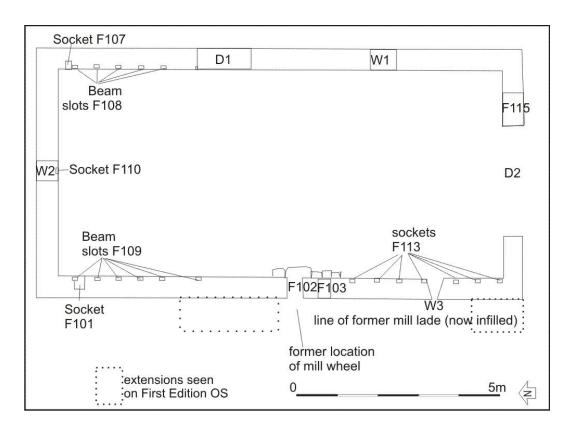
Illus 2 Plan of buildings 1-6 (copyright Michael Gilmour Associates)

Building 1 is 12m N-S and 6m E-W and is constructed of pink and grey granite fieldstones with roughly dressed granite window and door surrounds. The building is a 'corn mill' on the First Edition Ordnance Survey (1867; Illus 3) and features of the standing structure relate to this use. On the east wall are a door (D1) and window (W1) suggesting that this as the main access into the building. The south wall has an original upper window (W17) which may have been the original access for the corn into the mill; the current door (D2) is 2.5m wide and has been repaired with modern blockwork. The north wall is sitting on the Mundurno Burn and the west wall is adjacent to a lade taken off the Mundurno Burn. Beam slots in the west and east walls (F108 and F109) indicate the original roof level in the north half of the building which has had an upper floor level; the earthen floor was probably originally lower as there has been an accumulation of detritus.

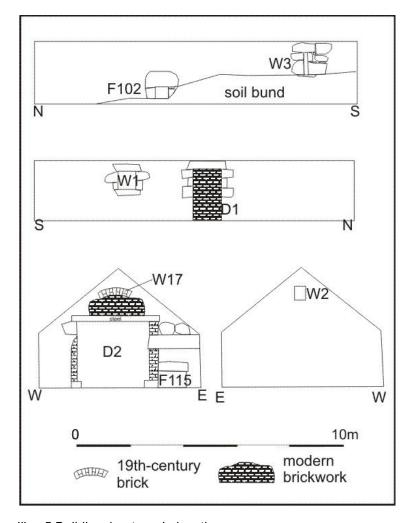
This west wall would have been the location of the mill wheel and this is confirmed by both the First Edition OS map and the apertures remaining in this wall (Illus 6, 9). The west wall contains several apertures which would have contained the mill mechanism including F102 and F103 which would have taken the drive shaft from the mill wheel to flywheels inside the mill attached to the grinding stones. F111 and F112 may have been associated with the attachment of the wheel. A sloping line of sockets (F113) had been for the attachment of an internal fitting, possibly a chute and beam slots F109 indicate that the north half of the building had an upper (mezzanine) floor.



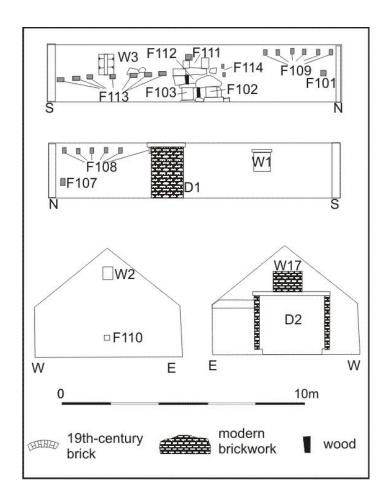
Illus 3 Ordnance Survey First Edition showing corn mill (building 1) and Dubford Farm (published 1886; *copyright National Library of Scotland*)



Illus 4 Plan of Building 1 showing all features recorded during this survey



Illus 5 Building 1 external elevations



Illus 6 Building 1 internal elevations



Illus 7 Building 1 east wall with Window 1 (left) and Door 1 (blocked; behind tree); facing W



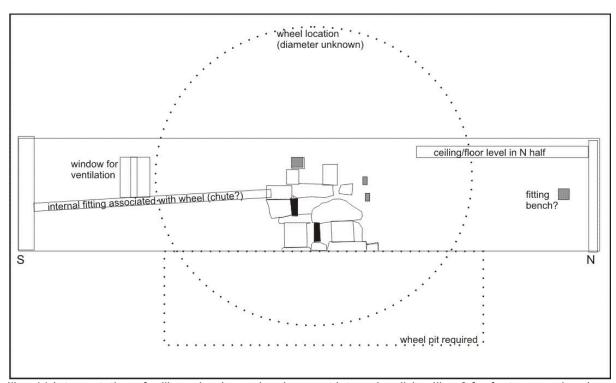
Illus 8 Building 1 south gable showing Door 2 a modern insertion; facing NNW



Illus 9 Building 1 interior of west wall showing sockets F108 (left) and apertures for mill mechanisms (F102, F103, F111, F112 right); facing SW

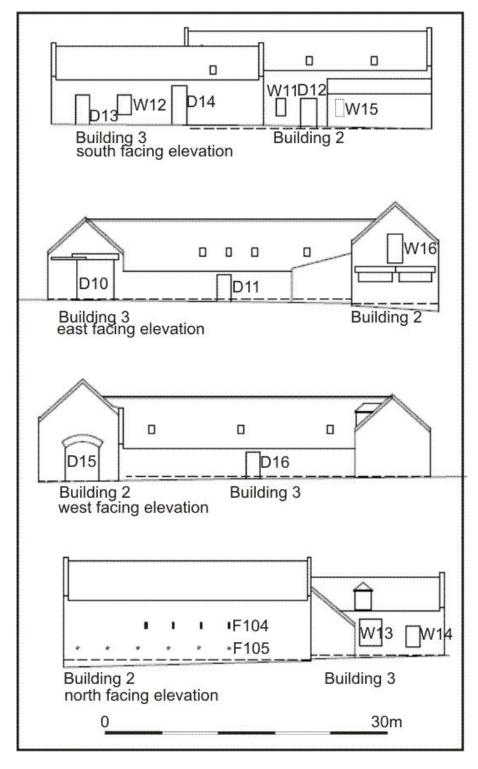


Illus 10 Building 1 interior of west wall showing beam slots F109 for mezzanine floor in north half of room; facing W



Illus 11 Interpretation of mill mechanisms showing west internal wall (se Illus 6 for feature numbers)

Building 2 is a W-E barn 17m long and 9.4m wide constructed of pink and grey granite fieldstones with dressed granite quoins. The west end of the building operated for part of its life as a cartshed and has a cart door in the west gable (D15) with a brick arch. The north wall has a set of four window slits (F104) for ventilation, probably contemporary with the building construction, and later stoneware ceramic pipes (F105) added for further ventilation when the cattle troughs and stalls were added to the interior (probably in the mid 20th century).



Illus 12 Elevations of Buildings 2 and 3 (copyright Michael Gilmour Associates)



Illus 13 Building 3 (left and centre) Building 2 (right); facing NW



Illus 14 Building 2 Door 15 exterior; facing E

The cart door (Door 15) is 4.2m wide and 3m high with a brick arch constructed of 19th or early 20th-century local machine-made bricks. Access to this door for the carts would have been off the road, over the bridge over the Mundurno Burn up the access road to the farm. A brick wall forms the east end of the cartshed (Illus 15) and a first floor door in the wall and wooden balcony



Illus 15 Building 2 Door 15 interior; facing W



Illus 16 East wall of cartshed showing first floor door and wooden balcony facing E



Illus 17 Building 2 north wall with ventilation holes; facing SSE

Building 3 is an L-shaped steading mainly converted to cattle byres with many internal fittings surviving. It is 15.5m wide and 21.30m long and construction of pink and grey granite fieldstones. The southern section of the building was probably farmworkers accommodation when it was constructed and was then subsumed into the accommodation for cattle and Buildings 4 and 5 used for accommodation.



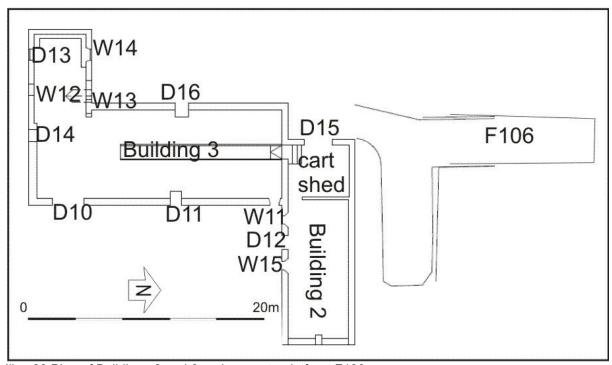
Illus 18 Building 3 Door D10; facing NW

#### **BUILDING 4**

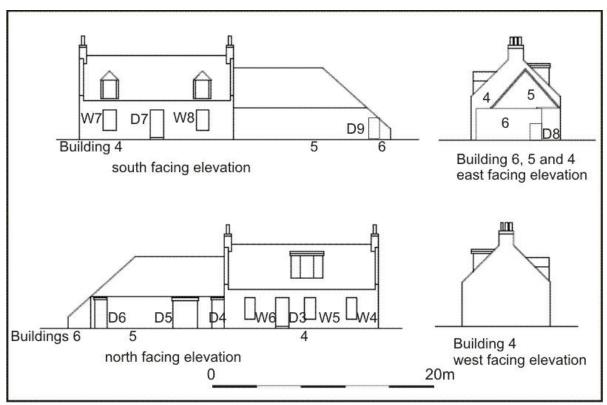
Building 4, the farmhouse, is 13.8m long and 7.2m wide. It is constructed of pink and grey granite rubble with cherry cocking. It fronts onto the south and is attached to Building 5 at the east end. The interior of the farmhouse was photographed but no interesting architectural features survived.



Illus 19 Building 4, the farmhouse; facing N



Illus 20 Plan of Buildings 2 and 3 and concrete platform F106



Illus 21 Elevations of Buildings 4, 5 and 6 (copyright Michael Gilmour Associates)

Building 5 is 10.95m long and 5.65m wide and is attached on to the east end of the farmhouse. It is constructed of 19th-early 20th-century machine-made local brick and probably represents a later addition onto the farm, possibly as accommodation for farm workers.



Illus 22 Building 5 with Building 6 (left) and Building 4 (right); facing SW

Attached on to the east end of Building 5 is a lean-to coal store 2m long and 3.7m wide. It is constructed from pink and grey granite field rubble and is in a poor condition.



Illus 23 Building 6 (left) attached top Building 5 (right); facing WSW

#### 3 ARCHAEOLOGICAL EVALUATION

The archaeological evaluation was undertaken during January and February 2013 by Stuart Farrell, Cat Peters and Alison Cameron. The methodology outlined in the Written Scheme of Investigation was adhered to in full. A total of 82 trenches were excavated across the site, representing a 10% sample of the total site. A summary of the findings of each trench is provided as Appendix 3. The location of each trench is shown in Illus 24. The majority of the findings from the trenches are evidence of known land-use of the area for agricultural purposes and quarrying. These included a number of stone field drains as well as numerous examples of plough marks where the plough went slightly deeper, causing ruts in the natural subsoil. Other trenches have shown mixed infill and redeposited natural deposits, as well as marks from machinery, indicating backfilling and heavy machinery use in parts of the site. It would seem, from the trial trenching, that areas outwith known quarrying procedures were affected, and that quarrying may have extended further, or related procedures may have affected the wider area. For example numerous marks, as well as the lack of field drains, in the area around Trenches 67-81 would corroborate this.

A total of six features of potential archaeological interest were encountered during these groundworks; these are summarised in Appendix 2. Upon further investigation, it was found that one was a palaeochannel, of natural origin, observed in Trenches 1-3 (Feature 1) and another was a group of seven ard marks located in Trench 5 (Feature 2). Three pits containing pottery of late 19th or early 20th century date were encountered in Trench 48 and these may have related to the nearby farmstead. Two possible post holes, in adjacent trenches 44 (Feature 4) and 43 (Feature 3), turned out to be unrelated, with the first of probable modern origin. A 20m by 20m area was opened up around Feature 3, to assess if any related features survived in the vicinity, but except for plough marks, no archaeological features were encountered. An attempt to locate the route of the lade proved unsatisfactory, as the ground was so soft, the trench backfilled itself and quickly became unsafe (Trench 82).



Illus 24 Plan showing trenches (copyright Scotia Homes)

#### 4 RECOMMENDATIONS

Several 19th or 20th-century features were recorded as were pre-modern ard marks. The ard marks survived in an area of 1m deep topsoil but were not present in the neighbouring trenches and it is felt that no further information could be gained from further excavation. A 20x20m trench was excavated around one undated post-hole in Trench 43 but no other features were found. Trench 82 excavated to locate the mill lade was deep and waterlogged and as most of the lade is remaining undisturbed by this development it is felt that no further excavation would be beneficial in this area.

It is therefore recommended that no further archaeological work is required during the current development but this decision is subject to advice from Aberdeen City Council.

#### 5 REFERENCES

Barclay and Miles, G and A (1993) 'Dubford (Old Machar parish): standing stone', *Discovery Excav Scot*, 32.

Cameron, A (2009) 'Findlay Farm (Kingfisher Industrial Estate), Aberdeen City (Old Machar parish), building recording, field evaluation and walkover survey', *Discovery Excav Scot, New, vol.10* Cathedral Communications Limited, Wiltshire, England, 13.

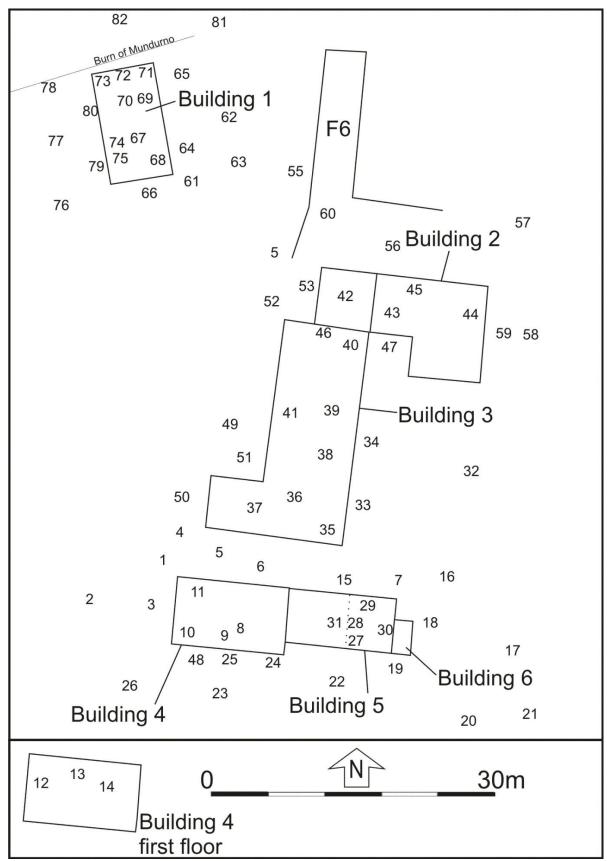
Cameron, A 201 Desk-based assessment prepared for Scotia Homes (25.10.2011).

#### 6 ACKNOWLEDGEMENTS

Thanks to Martin Forbes, Design Manager, Scotia Homes Ltd; Judith Stones, Lead Curator, Local History and Archaeology, Museums and Galleries, Aberdeen City Council

#### **APPENDIX 1 PHOTOGRAPHS**

#### STANDING BUILDING SURVEY



Illus 25 Plan showing camera points used in the standing building survey

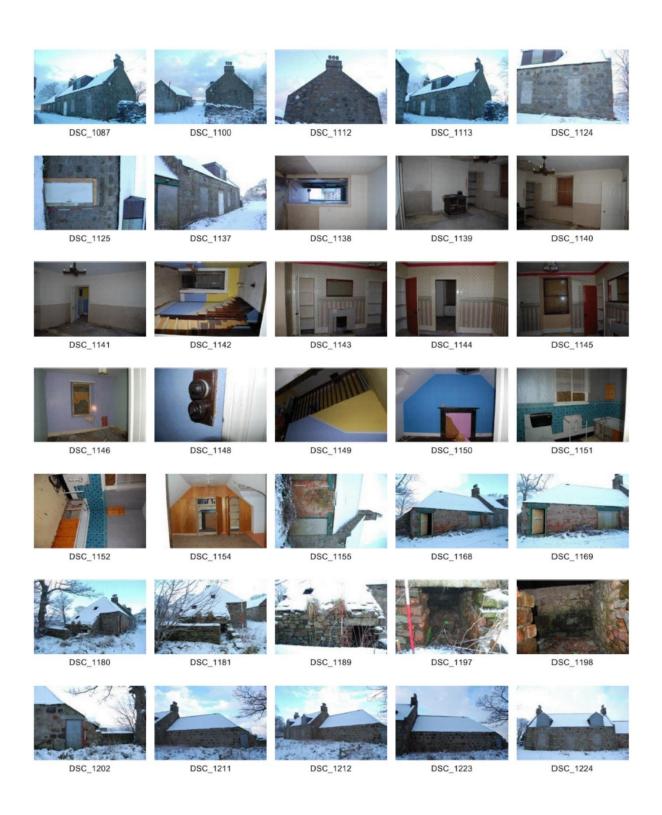
Standing building s	Standing building survey				
	Starturing building survey				
Photo no	Description	Facing	Camera point		
DSC_1087-1093	Building 4 farmhouse	ESE	1		
DSC_1094-1106	Building 4 farmhouse (right) Building 3 (left)	Е	2		
DSC_1107-1112	Building 4 farmhouse west gable	Е	3		
DSC_1113-1118	Building 4 farmhouse	SE	4		
DSC_1119-1124	Building 4 farmhouse rear facade windows W4 (right) W5 (left)	s	5		
DSC_1125-1130	Building 4 farmhouse rear facade Door 3	S	6		
DSC 1131-1137	Building 5 (left) Building 4 (right)	WSW	7		
DSC 1138	Building 4 farmhouse interior	N	8		
DSC_1139	Building 4 farmhouse interior	Е	8		
DSC 1140	Building 4 farmhouse interior	NE	8		
DSC_1141	Building 4 farmhouse interior	NW	8		
DSC 1142	Building 4 farmhouse interior	W	9		
DSC 1143	Building 4 farmhouse interior	W	10		
DSC 1144	Building 4 farmhouse interior	N	10		
DSC 1145	Building 4 farmhouse interior	S	10		
DSC_1146	Building 4 farmhouse interior	N	11		
DSC 1147	Building 4 farmhouse interior	N	11		
DSC 1148	Building 4 farmhouse interior	NNE	9		
DSC 1149	9		9		
DSC_1150	Building 4 farmhouse interior	N E	12		
DSC_1151	Building 4 farmhouse interior		13		
DSC_1152	Building 4 farmhouse interior		13		
DSC_1153	Building 4 farmhouse interior  Building 4 farmhouse interior		14		
DSC 1154	Building 4 farmhouse interior	E	14		
Building 5 (left) with Doors D5 (left) D6 (right) DSC_1155-1162 Building 4 (right)		S	15		
DSC_1163-1168	Building 5 (left) with Doors D6 (left) D5 (centre) D6 (right) Building 4 (right)	WSW	16		
DSC_1169-1174	Building 5 (left) with Doors D6 (left) D5 (right)	S	7		
DSC_1175-1180	Building 5 with Building 6 (left)	W	17		
DSC_1181-1186	Building 5 (background) with Building 6 (left)	W	18		
DSC_1187-1192	Building 6 east elevation with Door 8 (right)		18		
DSC_1193-1201			18		
DSC_1202-1206	Building 6 (right), Building 5 (left) with Door 9 (centre)		19		
DSC_1207-1211	DSC_1207-1211 Building 5 with Door 5 (right) and Building 4 (left)		20		
DSC_1212-1217	12-1217 Building 5 with Door 5 (right) and Building 4 (left)		21		
DSC_1218-1223	_1218-1223 Building 5 with Door 5 (right) and Building 4 (left)		22		
DSC_1224-1228	DSC_1224-1228 Building 4 front south elevation		23		
DSC_1229-1234	DSC_1229-1234 Building 4 front south elevation Window 8		24		
DSC_1235-1240	Building 4 front south elevation Door 7	N	25		

DSC_1241-1248	DSC_1241-1248 Building 4 front south elevation		
DSC_1249	Building 5 interior	N	27
DSC_1250	Building 5 interior	N	27
DSC_1251	Building 5 interior		28
DSC_1252	Building 5 interior	S	29
DSC_1253	Building 5 interior	W	30
DSC_1254	Building 5 interior	W	31
DSC_1255	Building 5 interior	SW	31
DSC_1256	Building 5 interior	SW	31
DSC_1257	Building 5 interior	NW	31
DSC_1258	Building 5 interior	W	31
DSC_1259-1264	Building 3	WNW	16
DSC_1265-1275	Building 3 (left) Building 2 (right)	W	32
DSC_1276-1281	Building 3 Door 10	W	33
DSC 1282-1287	Building 3 Door 11 (centre) Building 2 W11 (right)	NW	33
DSC_1288-1293	Building 3 Door 11	W	34
DSC_1294-1299	Building 3 Door 11 (right) Door 10 (left)	NW	34
DSC_1300	Building 3 interior	NW	35
DSC_1301	Building 3 interior Door 10 (left) Door 14 (right)	S	35
DSC_1302	Building 3 interior Window 12 (left) Door 13 (right)	WSW	35
DSC_1303	Building 3 interior Window 12 (left) Door 13 (left)	W	35
DSC_1304	Building 3 interior Door 16 (left) Door 11 (right)	N	36
DSC_1305	Building 3 interior Door 16 (left) Door 11 (right)		36
DSC_1306			38
DSC_1307	Building 3 interior	W	39
DSC_1308	Building 3 interior	SSW	40
DSC_1309	Building 3 interior Door 16	W	41
DSC_1310	Building 3 interior Door 17 (centre)	NNE	41
DSC_1311	Building 2 interior Door 15		42
DSC 1312	Building 2 interior Door 15		42
DSC_1313	Building 2 interior Window W17 (above)	Е	42
DSC 1314	Building 2 interior	E	43
DSC 1315	Building 2 interior	W	44
DSC_1316	Building 2 interior	NW	44
DSC_1317	Building 2 interior	E	44
DSC_1318			45
DSC 1319			45
DSC 1320	Building 2 interior stoneware fittings		45
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DSC_1322-1327	-		47
	Building 2 Window 11 (left) Door 12 (centre) with	N	
DSC_1328-1334	modern extension covering Window 15	N	34
DSC_1335-1339 Building 2 Window 11 (left) Door 12 (centre)		N	47
	Building 3 south wall Door 13 (left) Window 12		
DSC_1340-1344	(centre) Door 14 (right)	ENE	4
DSC_1345-1360	Building 3 south wall Door 13 (left) Window 12	N	48

	(right)		
DSC_1361-1366	Е	49	
DSC 1367-1372	Building 3 west facade  Building 3 west facade with Building 4 (right)	E	50
DSC_1373-1379	Building 3 window 13 (left) Window 14 (right)	S	51
DSC 1380-1390	Building 3 Door 16	E	49
DSC_1300-1390	Building 3 with Building 2 Door 15 (extreme right)	ENE	49
	, , , , , , , , , , , , , , , , , , , ,		
DSC_1399-1406	Building 3	SE	52
DSC_1407	Building 1	NW	52
DSC_1408-1413	Building 3	S	53
DSC_1414	Building 3	S	54
DSC_1415-1428	Building 2 Door 15	Е	52
DSC_1429-1434	Building 2 north wall with ventilation slits (F104) and ventilation pipes (F105)	SE	55
DSC_1435-1440	Building 2 north wall detail of ventilation slits (F104) and ventilation pipes (F105)	S	56
DSC_1441-1452	Building 2 north wall with ventilation slits (F104) and ventilation pipes (F105)	SW	57
DSC_1453-1458	Building 2 east gable with Window 16 (above)	W	58
DSC_1459-1464	Building 2 east gable with Window 16 (above)	W	59
DSC_1465-1470	F106	N	60
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DSC_1795-1802	Building 1 Door 1	W	65
DSC_1803-1804	Building 1 Door 2	N	66
Building 1 Door 2 east jamb showing original stone Intel for waterwheel		NE	66
DSC_1811-1816	Building 1 brick arch Window 17 above Door 2	N	66
DSC_1817-1820	Building 1 west jamb Door 2 showing modern blockwork infill	NW	66
DSC_1822-1824	Building 1 interior east wall Window 1	Е	67
DSC_1825	Building 1 interior east wall Window 1		68
DSC_1826	Building 1 interior Window 1 (right) Door 1 (centre)	NE	67
DSC_1827	Building 1 interior Door 1 (right) with beam slots		69
DSC_1828	SC_1828 Building 1 interior Door 1		69
DSC_1829			70
DSC_1830			70
DSC_1831			
DSC_1832	Building 1 interior north gable with Window 2 (above)	N	70

	Duilding 4 intorior F107 passible hoom slat	1	
	Building 1 interior F107 possible beam slot (opposite F1) no evidence of this on exterior		
DSC_1833	therefore an internal fitting	Е	71
	Building 1 interior hole for internal fitting in centre of		
DSC_1834	gable (F110); no evidence on exterior	N	72
	Building 1 interior west wall with F101 (right) bream		
DSC_1835	slots F109 (centre) and F102 (extreme left)	SW	71
	Building 1 interior west wall with F101 (right) beam		
DSC_1836	slots F109 (centre) and F102 (extreme left)	SW	71
DSC_1837	Building 1 interior F101	W	73
DSC_1838	Building 1 interior beam slots F109	W	73
DSC_1839	Building 1 interior beam slots F109	W	73
DSC_1840	Building 1 interior beam slots F109	W	73
DSC_1841	Building 1 interior	NNW	67
DSC_1842	Building 1 interior	N	67
DSC_1843	Building 1 interior	N	67
DSC_1844	Building 1 interior	NNE	67
DSC_1845	Building 1 interior	NW	67
DSC_1846	Building 1 interior West wall	W	74
DSC_1847	Building 1 interior F102, F103 (centre)	W	74
DSC_1848	Building 1 interior F102, F103 (centre)	W	74
DSC_1849			74
DSC_1850			74
DSC_1851	C_1851 Building 1 interior F102		74
DSC_1852	Building 1 interior F103	W	74
DSC_1853	Building 1 interior F103	W	74
DSC_1854	Building 1 interior F103	W	74
DSC_1855	Building 1 interior F112 above F103		74
DSC 1856	Building 1 interior F111 above F103		74
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DSC_1858			74
DSC 1859	Building 1 interior window 3	W	75
DSC 1860	Building 1 interior west wall	SW	71
DSC_1861	Building 1 interior west wall	SW	71
DSC_1862	Building 1 interior west wall	WSW	71
DSC_1863	Building 1 interior south gable	S	72
DSC 1864	Building 1 interior south gable	S	72
DSC_1865			72
1000	Building 1 west wall with window 3 (centre) and	S	
DSC_1866-1884	F102 (left)	ENE	76
DSC_1885-1891	Building 1 west wall with window 3 (centre) and F102 (left)	E	77
DSC_1892-1899			79
DSC_1900-1908			80
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DSC_1923-1928			62
DSC 1929-1941			

DSC_1942-1953	DSC_1942-1953 Building 1 north gable with Window 2 (above)			
	Building 1 west wall with sockets F113 below and			
DSC_2306-2317	Window 3 above/right	W	75	
DSC_2318-2334	Building 1 W3	W	75	
DSC 2335-2361	Building 1 west wall with sockets F13 below and Window 3 above/right	W	75	
DSC 2362-2374	Building 1 west wall F102, F103, F111, F112	W	74	
DSC 2375-2396	Building 1 west wall F102, F103, F111, F112	W	74	
DSC_2397-2424	Building 1 west wall beam slots F109 and F101 (below)	W	73	
DSC_2425-2448	Building 1 north wall with Window 2 above	N	70	
DSC_2449-2460	Building 1 east wall beam slots F108	Е	72	
DSC_2461-2485	Building 1 east wall Door 1	Е	70	
DSC_2486-2530	Building 1 east wall Window 1	Е	67	
DSC_2531-2538	Building 1 south wall with Door 2 (centre)	S	67	
DSC_2546-2564	Building 1 south wall with Door 2 (right)	S	68	
DSC_2565-2578	Building 1 south wall with Door 2 (left)	S	75	
DSC_2579-2585	Building 1 south wall with W17		67	
DSC_2586-2592	Building 1 north wall with Window 2 above		72	
DSC_2593-2604	Building 1 west wall F111	W	83	
DSC_2605-2616	Building 1 west wall F111 (left) F114 (right)	W	83	
DSC_2617-2628	Building 1 west wall F102 (centre)	W	83	
DSC_2629-2640	Building 1 west wall F103 (below) F112 (centre) F111 (above)	W	83	
DSC_2641-2663	Building 1 west wall F103 (left) F102 (right) F112 (above)	W	83	
DSC_2664-2690	Building 1 west wall with beam slots F109 (right) and F101 (left)		71	
DSC_2691-2708	Building 1 hump back stone on floor in front of F102			
DSC_2709-2840	Building 1 west wall Window 3 (left); F103 and F102 (right)	W	68	







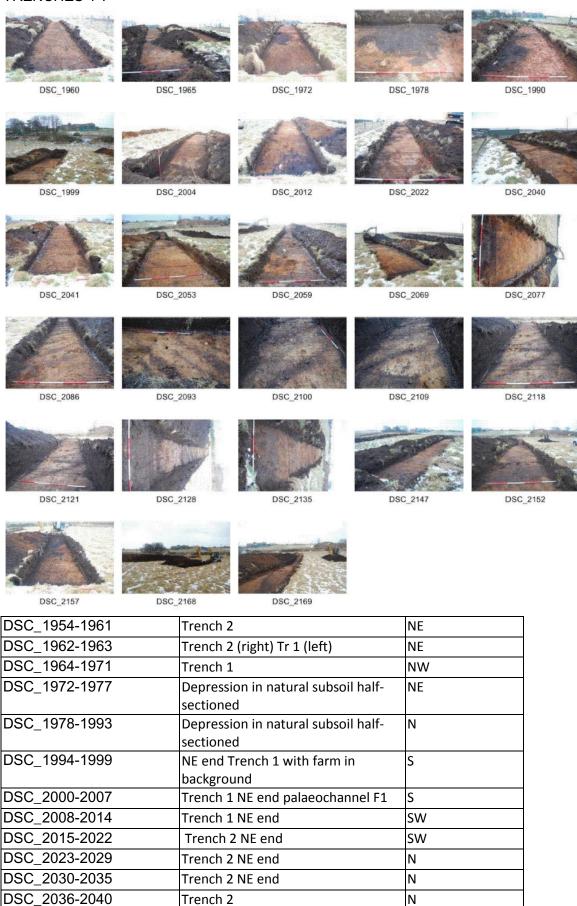






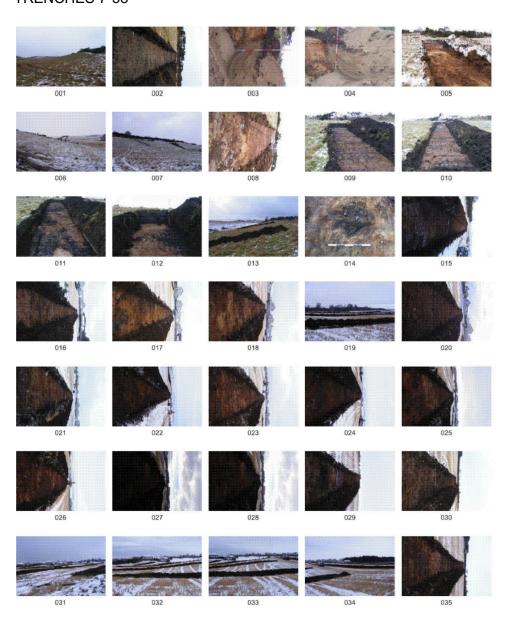
#### **EVALUATION**

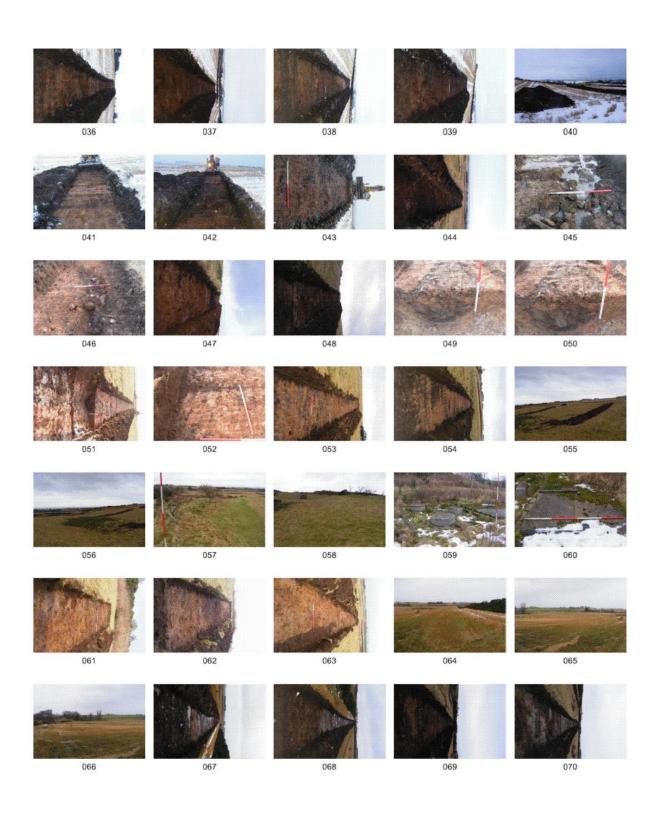
#### TRENCHES 1-7

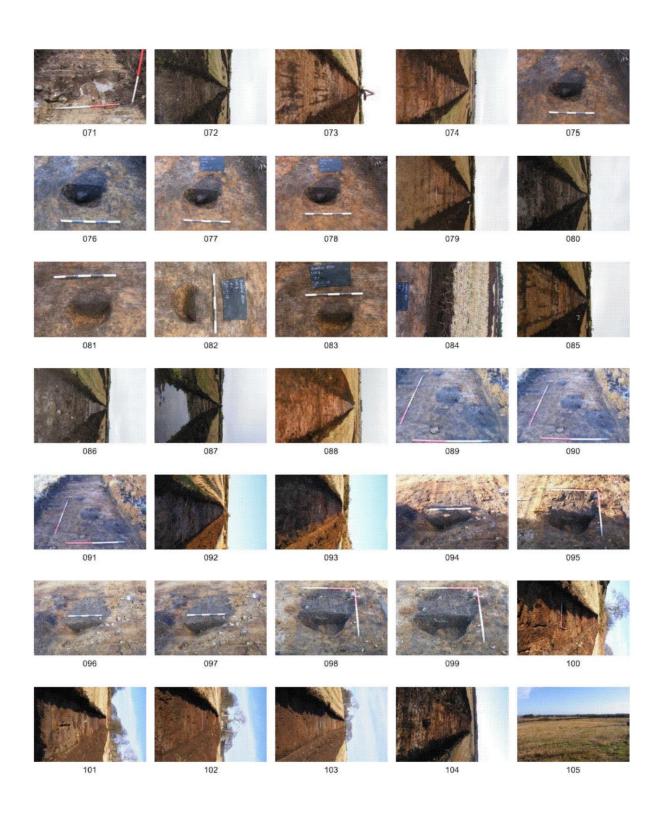


DSC_2041-2046	Trench 3	NE
DSC_2047-2052	Trench 3	N
DSC_2053-2058	Trench 3	NE
DSC_2059-2066	Trench 3	SW
DSC_2067-2074	Trench 4	S
DSC_2075-2083	Trench 4	SW
DSC_2084-2090	Trench 4 Ard marks F2	NE
DSC_2091-2098	Trench 4 Ard marks F2	NW
DSC_2099-2134	Trench 4 Ard marks F2	NE
DSC_2035-2142	Trench 4	NE
DSC_2043-2149	Trench 4	N
DSC_2050-2155	Trench 5	NE
DSC_2056-2162	Trench 6	NE
DSC_2063-2168	Trench 5 (left) Trench 6 (right)	N
DSC_2069-2174	Trench 5 (left) Trench 6 (right)	NE

### TRENCHES 7-58









All scales are 1m unless otherwise specified.

- 1 View of area 2 facing S.
- 2 View of trench 7 facing W.
- 3 View of trench 8 facing NW scale 2m.
- 4 View of trench 8 facing NW scale 2m.
- 5 View of trench 10 facing W scale 2m.
- 6 View of area 2 facing NW.
- 7 View of trenches area 2 facing W.
- 8 View of trench 12 facing W scale 2m
- 9 View of trench 13 facing W scale 2m.
- 10 View of trench 13 facing SW scale 2m.
- 11 View of trench 14 facing W scale 2m.
- 12 View of trench 15 facing W scale 2m.
- 13 View of area 2 facing S.
- 14 View of stone-hole trench 16 facing S scale 0.5m.
- 15 View of trench 16 facing N.
- 16 View of trench 17 facing S.
- 17 View of trench 18 facing S.
- 18 View of trench 19 facing S.
- 19 View of trenches 16-19 facing NW.
- 20 View of trench 20 facing S.
- 21 View of trench 20 facing S.
- 22 View of trench 21 facing N.
- 23 View of trench 21 facing S.
- 24 View of trench 22 facing N.
- 25 View of trench 22 facing S.
- 26 View of trench 23 facing N.
- 27 View of trench 23 facing S.
- 28 View of trench 23 facing S.
- 29 View of trench 24 facing W.
- 30 View of trench 25 facing W.

- 31 View of trenches facing SE.
- 32 View of trenches facing S.
- 33 View of trenches facing S.
- 34 View of trenches facing SW.
- 35 View of trench 26 facing W.
- 36 View of trench 27 facing W.
- 37 View of trench 28 facing N.
- 38 View of trench 29 facing W.
- 39 View of trench 30 facing N.
- 40 View of trenches facing NW.
- 41 View of trench 31 facing E.
- 42 View of trench 31 facing E.
- 43 View of trench 31 facing E.
- 44 View of trench 31 facing E.
- 45 View of field drain in trench 32 facing E.
- 46 View of field drain in trench 32 facing E.
- 47 View of trench 32 facing W.
- 48 View of trench 33 facing S.
- 49 View of modern ditch trench 34 facing S.
- 50 View of modern ditch trench 34 facing S.
- 51 View of modern ditch trench 34 facing S.
- 52 View of bucket tooth-marks trench 34 facing S.
- 53 View of trench 35 facing S.
- 54 View of trench 36 facing S.
- 55 View of trenches facing S.
- 56 View of trenches facing SE.
- 57 View of former field boundary facing E scale 2m.
- 58 View of excavated slope facing W scale 2m.
- 59 View of building facing NE scales 2m.
- 60 View of building facing N scale 2m.
- 61 View of trench 39 facing N scale 2m.
- 62 View of trench 38 facing NW.
- 63 View of trench 37 facing E.
- 64 View of area 6 facing E.
- 65 View of area 6 facing NE.
- 66 View of area 6 facing N.
- 67 View of trench 40 facing E.
- 68 View of trench 40 facing W.
- 69 View of trench 41 facing W.
- 70 View of trench 41 facing W.
- 71 View of field drain in trench 42 facing E.
- 72 View of trench 42 facing E.
- 73 View of plough marks in trench 42 facing W.
- 74 View of trench 42 facing E.
- 75 View of post-hole trench 43 facing W scale 0.5m.
- 76 View of post-hole trench 43 facing W scale 0.5m.
- 77 View of post-hole trench 43 facing W scale 0.5m.
- 78 View of post-hole trench 43 facing W scale 0.5m.
- 79 View of trench 43 facing W.
- 80 View of trench 43 facing W.
- 81 View of posthole trench 44 facing W scale 0.5m.
- 82 View of posthole trench 44 facing W scale 0.5m.
- 83 View of posthole trench 44 facing W scale 0.5m.
- 84 View of location of postholes facing S (modern strainer post to S).
- 85 View of trench 44 facing W.
- 86 View of trench 44 facing W.

- 87 View of trench 45 facing W.
- 88 View of trench 45 facing E.
- 89 View of group of pits trench 46 facing W scale 2m x 1m.
- 90 View of group of pits trench 46 facing W scale 2m x 1m.
- 91 View of group of pits trench 46 facing W scale 2m x 1m.
- 92 View of trench 46 facing W.
- 93 View of trench 47 facing W.
- 94 View of pit in trench 48 facing N scale 0.5m.
- 95 View of pit in trench 48 facing N.
- 96 View of pit in trench 48 facing N scale 0.5m.
- 97 View of pit in trench 48 facing N scale 0.5m.
- 98 View of pit in trench 48 facing N.
- 99 View of pit in trench 48 facing N.
- 100 View of trench 48 facing W.
- 101 View of trench 49 facing NW.
- 102 View of trench 50 facing NW.
- 103 View of trench 51 facing NW.
- 104 View of trench 51 facing SE.
- 105 View of area 7 facing E.
- 106 View of trench 52 facing NNE.
- 107 View of area 6 facing SW.
- 108 View of trench 53 facing NW.
- 109 View of trench 54 facing SE.
- 110 View of area 7 facing SE.
- 111 View of trench 55 facing SE.
- 112 View of trench 56 facing SE.
- 113 View of field drain in trench 57 facing SE.
- 114 View of field drain in trench 57 facing SE.
- 115 View of trench 57 facing SE.
- 116 View of field drain in trench 57 facing SE.
- 117 View of trench 57 facing NW.
- 118 View of trench 57 facing NW.
- 119 View of trench 58 facing NW.
- 120 View of modern field drain in trench 58 facing NW.
- 121 View of modern field drain in trench 58 facing NW.
- 122 View of field drain in trench 58 facing NNW.

### TRENCHES 59-82

## Monday 4<sup>th</sup> February

Photograph Number	Direction Facing	Description
1	SE	Opening Trench 63
2	SE	Opening Trench 63
3	SE	Opening Trench 63
4	SE	Opening Trench 63
5	NW	Excavating Trench 63
6	NW	Excavating Trench 63
7	W	Field drain in Trench 63
8	W	Field drain in Trench 63
9	NW	Excavating Trench 63
10	NW	Excavating Trench 63
11	W	Field drain in Trench 63
12	W	Field drain in Trench 63
13	NW	Trench 63 completed
14	NW	Trench 63 completed
15	NW	Trench 63 completed
16	NW	Trench 63 completed
17	NW	Opening Trench 64
18	NW	Opening Trench 64
19	NW	Excavating Trench 64
20	NW	Excavating Trench 64
21	W	Field drain in Trench 64
22	W	Field drain in Trench 64
23	SE	Trench 64 completed
24	SE	Trench 64 completed
25	SE	Trench 64 completed
26	SE	Trench 64 completed
27	SE	Opening Trench 65
28	SE	Opening Trench 65
29	NW	Excavating Trench 65
30	NW	Excavating Trench 65
31	NW	Trench 65 completed
32	NW	Trench 65 completed
33	NW	Trench 65 completed
34	NW	Trench 65 completed
35	SE	Bog between Trench 65 and 66
36	SE	Bog between Trench 65 and 66
37	SE	Opening Trench 66
38	SE	Opening Trench 66
39	SE	Opening Trench 66
40	SE	Opening Trench 66
41	SW	Field drain in Trench 66
42	SW	Field drain in Trench 66
43	SE	Field drain in Trench 66
44	SE	Field drain in Trench 66
45	SW	Field drain in Trench 66
46	SW	Field drain in Trench 66
47	NW	Trench 66 completed
48	NW	Trench 66 completed

49	NW	Trench 66 completed
50	NW	Trench 66 completed
51	S	General shot of Area 8
52	S	General shot of Area 8

## Tuesday 5<sup>th</sup> February

Photograph	Direction	Description
Number	Facing	
1	W	Dubford Farm Buildings
2	SE	Opening Trench 67
3	SE	Opening Trench 67
4	NW	Change in deposit in Trench 67
5	NW	Change in deposit in Trench 67
6	SW	NE facing section of Trench 67
7	SW	NE facing section of Trench 67
8	NE	Plough scars in Trench 67
9	NE	Plough scars in Trench 67
10	NE	Field drain in Trench 67
11	NE	Field drain in Trench 67
12	SE	Field drain in Trench 67
13	SE	Field drain in Trench 67
14	NW	Trench 67 completed
15	NW	Trench 67 completed
16	NW	Trench 67 completed
17	NW	Trench 67 completed
18	NW	Trench 67 completed
19	SE	Opening Trench 68
20	SE	Field drain in Trench 68
21	NW	Trench 68 completed
22	NW	Trench 68 completed
23	NW	Trench 68 completed
24	NW	Trench 68 completed
25	NW	Opening Trench 69
26	NW	Opening Trench 69
27	NE	Plough scars in Trench 69
28	NE	Plough scars in Trench 69
29	N	Possible shallow palaeochannel
30	N	Possible shallow palaeochannel
31	N	Possible shallow palaeochannel
32	N	Possible shallow palaeochannel
33	N	Field drain in Trench 69
34	N	Field drain in Trench 69
35	N	Field drain in Trench 69
36	SE	Trench 69 completed
37	SE	Trench 69 completed
38	SE	Trench 69 completed
39	SE	Trench 69 completed
40	SE	Opening Trench 70
41	SE	Opening Trench 70
42	NW	Change in deposit in Trench 70
43	NW	Change in deposit in Trench 70
44	NW	Trench 70 completed
45	NW	Trench 70 completed

46	NW	Trench 70 completed
47	NW	Trench 70 completed
48	NW	Opening Trench 71
49	NW	Opening Trench 71
50	NW	Plough scars in Trench 71
51	N	Plough scars in Trench 71
52	NW	Possible machine tracks in Trench 71
53	NW	Possible machine tracks in Trench 71
54	NE	Possible machine tracks in Trench 71
55	NE	Possible machine tracks in Trench 71
56	SE	Trench 71 completed
57	SE	Trench 71 completed
58	SE	Trench 71 completed
59	SE	Trench 71 completed
60	SE	Opening Trench 72
61	SE	Opening Trench 72
62	NW	Trench 72 completed
63	NW	Trench 72 completed
64	NW	Trench 72 completed
65	NW	Trench 72 completed

## Wednesday 6<sup>th</sup> February

Photograph	Direction	Description
Number	Facing	_
1	Е	Area 7
2	S	Area 7
3	ENE	Opening Trench 73
4	ENE	Opening Trench 73
5	SE	Test dig into mid brown stony deposit
6	SE	Test dig into mid brown stony deposit
7	WSW	Trench 73 completed
8	WSW	Trench 73 completed
9	WSW	Trench 73 completed
10	WSW	Trench 73 completed
11	WSW	Opening Trench 74
12	WSW	Opening Trench 74
13	ENE	Trench 74 being excavated
14	ENE	Trench 74 being excavated
15	WSW	Trench 74 being excavated
16	WSW	Trench 74 being excavated
17	WSW	Plough scars in Trench 74
18	WSW	Plough scars in Trench 74
19	WSW	Plough scars in Trench 74
20	WSW	Plough scars in Trench 74
21	ENE	Trench 74 completed
22	ENE	Trench 74 completed
23	ENE	Trench 74 completed
24	ENE	Trench 74 completed
25	ENE	Opening Trench 75
26	ENE	Opening Trench 75
27	ENE	Opening Trench 75
28	ENE	Plough scars in Trench 75
29	ENE	Plough scars in Trench 75

30	WSW	Change of deposit in Trench 75
31	WSW	Change of deposit in Trench 75
32	NNW	SSE facing section of Trench 75
33	NNW	SSE facing section of Trench 75
34	WSW	Trench 75 completed
35	WSW	Trench 75 completed
36	WSW	Trench 75 completed
37	WSW	Trench 75 completed
38	ENE	Change of deposit in Trench 76
39	ENE	Change of deposit in Trench 76
40	WSW	Plough scars in western part of trench
41	WSW	Plough scars in western part of trench
42	ENE	Trench 76 completed
43	ENE	Trench 76 completed
44	ENE	Trench 76 completed
45	ENE	Trench 76 completed

# Thursday 7<sup>th</sup> February

Photograph	Direction	Description
Number	Facing	•
1	ENE	Opening Trench 77
2	ENE	Opening Trench 77
3	WSW	Change in deposit in Trench 77
4	WSW	Change in deposit in Trench 77
5	ENE	Change in deposit in Trench 77
6	ENE	Change in deposit in Trench 77
7	ENE	Plough scars in Trench 77
8	ENE	Plough scars in Trench 77
9	WSW	Trench 77 completed
10	WSW	Trench 77 completed
11	WSW	Trench 77 completed
12	WSW	Trench 77 completed
13	WSW	Opening Trench 78
14	WSW	Opening Trench 78
15	NW	General view of Area 7
16	ENE	Trench 78
17		Discussing findings
18	ENE	Trench 78 completed
19	ENE	Trench 78 completed
20	ENE	Trench 78 completed
21	ENE	Trench 78 completed
22	ENE	Opening Trench 79
23	ENE	Opening Trench 79
24	WSW	Mid brown mixed backfill in Trench 78
25	WSW	Mid brown mixed backfill in Trench 78
26	WSW	Orange silty sand in Trench 78
27	ENE	Excavating Trench 79
28	ENE	Excavating Trench 79
29	ENE	Excavating Trench 79
30	ENE	Shallow scar in Trench 79
31	ENE	Shallow scar in Trench 79
32	WSW	Western half of Trench 79 completed
33	WSW	Western half of Trench 79 completed

34	WSW	Western half of Trench 79 completed
35	WSW	Western half of Trench 79 completed

## Friday 8<sup>th</sup> February

Photograph	Direction	Description
Number	Facing	
1	ENE	General view of Area 7
2	ENE	General view of Area 7
3	WSW	Excavating eastern half of Trench 79
4	WSW	Excavating eastern half of Trench 79
5	WSW	Trench 79 completed
6	WSW	Trench 79 completed
7	WSW	Trench 79 completed
8	WSW	Trench 79 completed
9	WSW	Opening Trench 80
10	WSW	Opening Trench 80
11	SW	Gravel patches in Trench 80
12	SW	Gravel patches in Trench 80
13	WSW	Start of pink clay in Trench 80
14	WSW	Start of pink clay in Trench 80
15	W	Start of pink clay in Trench 80
16	W	Start of pink clay in Trench 80
17	WSW	Grouser (caterpillar track) marks in soft
		yellow sand
18	WSW	Grouser (caterpillar track) marks in soft
		yellow sand
19	ENE	Trench 80 completed
20	ENE	Trench 80 completed
21	ENE	Trench 80 completed
22	ENE	Trench 80 completed
23	ENE	Opening Trench 81
24	ENE	Opening Trench 81
25	ENE	Opening Trench 81
26	WSW	Trench 81 completed
27	WSW	Trench 81 completed
28	WSW	Trench 81 completed
29	WSW	Trench 81 completed

### **APPENDIX 2 FEATURES**

#### Evaluation

Feature No	Trench	Description
1	1, 2 and 3	Palaeochannel
2	5	7 ard marks
3	43	Possible oval shaped post hole 0.46 by 0.56 by 0.28m deep. Charcoal stained fill (Sample 1)
4	44	0.32m diameter feature- possible post hole, 0.14m deep- probable modern origin
5	48	0.7m diameter pit, 0.18m deep produced one fragment of brown glazed pottery- Victorian
6	48	1.2m by 0.95m and 0.2m deep, produced a fragment of white glaze pottery

### Standing building survey

Feature	Building	Description
no F101	1	socket 15x15cm at north end west wall, probably for a beam, paired with F107 on east wall (and possibly F110 on north gable)
F102	1	Aperture in west wall for mill wheel drive shaft
F103	1	Aperture in west wall for mill wheel drive shaft
F104	2	Ventilation slots in north wall
F105	2	Stoneware ceramic pipes in north wall under F104
F106		Concrete platform north of Building 2
F107	1	Socket 15x15cm at north end east wall, probably for a beam, paired with F101 on east wall (and possibly F10 on north gable)
F108	1	Line of 5 beam slots for previous roof. The current roof is higher; each beam slot 25xm high, 12cm wide and 1.85m from floor level. There was a 6th beam slot which has been partially removed by Phase 2 Door 1.
F109	1	Line of 6 beam slots for previous roof. The current roof is higher; each beam slot 25xm high, 12cm wide and 1.85m from floor level.
F110	1	Socket 15x15cm at north gable wall, probably for a beam, possibly associated with F101 and F107
F111	1	Aperture in west wall for mill wheel drive shaft
F112	1	Aperture in west wall for mill wheel drive shaft
F113	1	Line of 7 slots for attachment of part of wheel mechanism.
F114	1	slot may be asociated with F113
F115	1	Low door 60cm high and 1m wide in south wall.

### **APPENDIX 3 TRENCH SUMMARY**

Trench No	Dimensions	Findings
1	2.5m x 65m	Palaeochannel at north-eastern end (Feature 1)
2	2.5m x 73m	Palaeochannel at north-eastern end (Feature 1)
3	2.5m x 78m	Palaeochannel at north-eastern end (Feature 1)
4	2.5m x 86m	No archaeological features
5	2.5m x 91m	7 ard marks under 1m of topsoil running east-west
6	2.5m x 17.5m	No archaeological features
7	2.5m x 32m	No archaeological features. Area previously disturbed.
8	2.5m x 7.2m	No archaeological features. Area previously disturbed.
9	2.5m x 6.6m	No archaeological features. Area previously disturbed.
10	2.5m x 13.6m	No archaeological features
11	2.5m x 13.6m	No archaeological features. Area previously disturbed.
12	2.5m x 20.8m	No archaeological features. Area previously disturbed.
13		
	2.5m x 24m	No archaeological features. Area previously disturbed.
14	2.5m x 17.8m	No archaeological features. Area previously disturbed.
15	2.5m x 9.1m	No archaeological features. Area previously disturbed.
16	2.5m x 64m	No archaeological features
17	2.5m x 81.4m	No archaeological features
18	2.5m x 65.4m	No archaeological features
19	2.5m x 69.7m	No archaeological features
20	2.5m x 145.7m	No archaeological features
21	2.5m x 147.3m	No archaeological features
22	2.5m x 146m	No archaeological features
23	2.5m x 93m	No archaeological features
24	2.5m x 60.2m	No archaeological features
25	2.5m x 51.2m	No archaeological features
26	2.5m x 54.2m	No archaeological features
27	2.5m x 47.2m	No archaeological features
28	2.5m x 47.7m	No archaeological features
29	2.5m x 45.3m	No archaeological features
30	2.5m x 25.4m	No archaeological features
31	2.5m x 103.6m	No archaeological features
32	2.5m x 97m	One NW/SE large stone drain and one ENE/WSW stone drain
33	2.5m x 54.5m	One stone drain
34	2.5m x 64.8m	One rut, 1.1m wide and 0.45m deep containing Victorian Pottery and plastic fragments. Area previously disturbed.
35	2.5m x 36m	Grouser/ machine marks. Area previously disturbed.
36	2.5m x 48m	Machine marks. Area previously disturbed.
37	2.5m x 49m	No archaeological features
38	2.5m x 17.5m	No archaeological features
39	2.5m x 13.1m	No archaeological features
40	2.5m x 197.2m	Two small stone drains at western end and plough marks
41	2.5m x 190.5m	Plough marks
42	2.5m x 169.1m	One stone drain and plough marks throughout
43	2.5m x 171m	Plough marks in much of trench. Possible post hole (Feature 3)- area extended 20m by 20m but no further finds
20m by	20m by 20m	
20m by 20m area	20m by 20m	2 areas of plough marks, one E/W and one NE/SW. Also three stone holes. No archaeological features
44	2.5m x 141m	Possible modern post hole (Feature 4)
45	2.5m x 129m	Plough marks in western half of trench

46	2.5m x 77m	Three possible pits turned out to contain modern pottery
		fragments
47	2.5m x 45.6m	No archaeological features
48	2.5m x 45.5m	Two pits (Features 5 and 6) towards eastern end probable
		Victorian origin- may relate to nearby farmstead
49	2.5m x 37m	No archaeological features
50	2.5m x 54.8m	No archaeological features
51	2.5m x 88.6m	No archaeological features
52	2.5m x 36.5m	No archaeological features
53	2.5m x 108.8m	No archaeological features
54	2.5m x 120m	No archaeological features
55	2.5m x 112m	East-west plough marks throughout trench
56	2.5m x 81.4m	No archaeological features
57	2.5m x 230m	One stone drain and plough marks
58	2.5m x 252m	Modern tile drain, stone drain and plough marks
59	2.5m x 247.2m	Plough marks
60	2.5m x 244m	Plough marks
61	2.5m x 305.3m	Plough marks
62	2.5m x 234.6m	One stone drain and plough marks throughout trench
63	2.5m x 257m	Two E/W stone drains
64	2.5m x 240m	One wide stone drain
65	2.5m x 43m	No archaeological features
66	2.5m x 126m	One NE/SW stone drain and one E-W stone drain
67	2.5m x 68m	2 E/W plough marks; one stone drain. Area previously
		disturbed at NW end
68	2.5m x 45m	No archaeological features
69	2.5m x 172m	6 E/W plough marks; 1 N/S plough mark; 1 N/S stone drains
70	2.5m x 147m	Area previously disturbed
71	2.5m x 119m	9 plough marks. Machine track marks- area previously disturbed
72	2.5m x 45m	Machine track marks- area previously disturbed
73	2.5m x 191m	Area previously disturbed
74	2.5m x 197m	Some plough marks. Machine track marks- area previously disturbed
75	2.5m x 83m	Area previously disturbed
76	2.5m x 99m	Area previously disturbed
77	2.5m x 183m	Plough marks at western end of trench. area previously
		disturbed
78	2.5m x 183m	Machine marks- area previously disturbed
79	2.5m x 193m	Machine marks- area previously disturbed
80	2.5m x 195m	Machine marks- area previously disturbed
81	2.5m x 32m	Machine marks- area previously disturbed
82	2.5m x 9.5m	Lade not encountered- deposits soft and wet and trench
		backfilled itself at 2m depth- abandoned