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**Wilsontown Opencast Coal Scheme,  
by Forth, South Lanarkshire**  
**Archaeological Evaluation of Areas 20 to 33**  
**Report No. 1656**

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## **1. INTRODUCTION**

### **1.1 General**

- 1.1.1 This report presents the results of an archaeological evaluation carried out by CFA Archaeology Ltd (CFA) in August 2009 at Wilsontown Opencast Coal Scheme, Wilsontown, Forth, South Lanarkshire (NGR NS 960 544). The work was commissioned by Hall Construction Ltd in advance of a phased opencast coal mining operation.
- 1.1.2 A Written Scheme of Investigation (WSI) was produced by CFA and approved by West of Scotland Archaeology Service (WoSAS). The WSI is a revision of an earlier Outline Strategy sent to WoSAS. It is based on documents and plans supplied by Patrick Gillooly Ltd on 10<sup>th</sup> September 2003 and on an earlier study carried out by CFA in 1998 (Cressey 1998).

### **1.2 Background**

- 1.2.1 Planning permission has been granted by South Lanarkshire Council for opencast coal mining operations to be carried out near Wilsontown subject to a condition requiring an archaeological strategy for monitoring and recording. The terms of the planning consent were originally issued to Patrick Gillooly Ltd, but remain in place now that mining operations have been taken over by Hall Construction Ltd.
- 1.2.2 Preliminary studies carried out by CFA identified thirty sites (**1 – 30**) of cultural heritage interest within and in close proximity to the development area (Cressey 1998). The majority of the sites within the development area are thought to relate to post-improvement agriculture and earlier mine workings.
- 1.2.3 The area in which mining operations will be carried out is divided into thirty-three areas (**A1 – A33**). This program of works targeted areas **A19 – A33**. Areas **A1 – A18** have already been assessed by earlier evaluations carried out by CFA in February 2004 (Mitchell 2004) and September 2006 (White 2006).
- 1.2.4 Sites **9, 10, 17, 22** and **23** identified during the 1998 study lay within the area targeted by this phase of archaeological monitoring. These consist of Haywood Coal Mine (**9**) (NMRS No. NS95SE 25), a brick building (**10**) (NMRS No. NS95SE 26), Tashieburn coal mine and smithy (**17**) (NMRS No. NS95SE.20.4), the remains of the dismantled Wilsontown branch line (**22**) (NMRS No. NS95SE.27.0) and the remains of the Lawhead Branchline Mineral Railway (**23**) (NMRS No. NS95SE 56.0). These sites were specifically targeted during the evaluation.

### **1.3 Objectives**

- 1.3.1 The aims of the archaeological work were:

- to record a series of mining and related landscape features by trial trenching evaluation;
- to evaluate the archaeological potential of the area as a whole by a programme of trial trenching;
- to determine the location, character, extent and quality of sites **9, 10, 17, 22** and **23** and any other features or objects of archaeological importance that may survive within the application area, and which may be damaged or destroyed by this development.

## **2. METHODOLOGY**

### **2.1 General**

- 2.1.1 CFA Archaeology Ltd follows the Institute for Archaeologists' Code of Conduct, Standards and Guidance for Archaeological Field Evaluations.

### **2.2 Trial Trenching Strategy**

- 2.2.1 It was agreed with WoSAS that trial trenching would assess a minimum of 5% (8175m<sup>2</sup>) of the development area. In addition to specifically targeting Sites **9, 10, 17, 22** and **23**, Site **10** was also subject to hand-excavated trial trenches. Other trenches were placed with the aim of locating any other buried archaeological remains.
- 2.2.2 Site **22** was not evaluated by trial trench as it currently serves as a tarmac surfaced access road for local farms and residents, and is mostly laid within a shallow cutting where it crosses the evaluation area. Parts of the south-west corner of the site were also not evaluated due to deep peat and the presence of a live badger sett. Nevertheless a total of 8575 m<sup>2</sup> was excavated, including boxed extensions to trenches.
- 2.2.3 The removal of topsoil was conducted by a 360° tracked excavator, equipped with a smooth bladed ditching bucket, under close archaeological supervision to reveal the subsoil surface or the surface of the first significant archaeological level. Any further excavation required to fulfil the objectives of the evaluation was carried out by hand. The features and deposits discovered were excavated to ensure that an account of the development of the area could be produced. Natural subsoil surface was exposed in all trenches.
- 2.2.4 All excavation and on-site recording was carried out according to standard CFA procedures, principally by drawing, photography and by completing standard CFA record forms. The location of all trenches was recorded using industry standard total station surveying equipment. CFA uses the Museum of London's single context recording system, with minor adaptations.

### 3. ARCHAEOLOGICAL RESULTS

#### 3.1 General

- 3.1.1 Eighty trial trenches totalling an area of 8575m<sup>2</sup> were excavated. Archaeological features are described below. Full trench descriptions are contained in Appendix 1. Context numbers are in bold and parentheses.
- 3.1.2 Topsoil **(001)** was 0.25m to 0.35m thick, with little variation across the evaluation area. Peat deposits were present to a depth of 0.6m towards the south-west of the site, otherwise no subsoils were identified. Natural **(000)** ranged from grey boulder clays to orange sandy clays. Clay cylinder field drains were prevalent over much of the site. Rubble drains were present but less common, as were yellow plastic perforated pipes.

#### 3.2 Trial Trenching Results

- 3.2.1 Two pits were discovered in Trench 1 (Fig 3). One **(101)** was oval in plan and measured 6m by 4m. Its south-east edge had been cut by a cylinder drain. It had steeply sloping sides with a narrow concave base, and was 1.4m deep. The primary fill **(105)** comprised firm clods of clay to 0.4m thick. Pantile, glass and a glass jar with metal screwtop lid were recovered from it. The secondary fill **(106)** was smoother grey clay which contained occasional fragments of glass and lay up to 0.5m thick. The upper fill **(102)** was firm dark soil 0.5m thick, and contained fragments of modern glass, wood and nylon fabric. The second pit was much smaller, measuring 1.2m by 1m. It had sloping sides and an irregular flattish base, and was 0.4m deep. It was filled with dark soil. No finds were recovered from it. The purpose of the pits is not entirely clear, although it seems unlikely that they are of any great antiquity. They are most likely the remains of mining prospection pits.
- 3.2.2 Two spreads of rubble, soil, ash and blaes **(701, 801)** were revealed in Trenches 7 and 8, lying up to 0.5m thick. The deposits are probably part of a spread extending from the nearby bing.
- 3.2.3 A linear ditch **(1001, 1201, 2001)** was exposed in Trenches 10, 12 and 20 (Fig 2). It was aligned roughly east to west and measured up to 0.8m wide and 0.15m deep, although it appeared to have been significantly truncated, especially in Trench 10. It was filled with dark soil **(1002, 1202, 2002)**. The ditch may represent an earlier field boundary; however it runs parallel and equidistant to a series of cylinder drains, so it may be a drainage feature.
- 3.2.4 A concentration of seventeen pits was revealed in Trench 40 (Fig 4). They were circular to oval and ranged in size from 0.2m in diameter to 1.5m. Many had a primary fill of pale sandy gravel which, where present, was concentrated in the west sides of all the pits. This suggests that the upcast from the pits was dumped nearby and was re-deposited by wind. It is likely that some or all of the pits have been truncated. A single large peat-filled hollow **(4037)** has been included although it is unclear whether this is a feature or a natural hollow. No finds were recovered from the fills, and no apparent pattern was discernable,

although it seems likely that more pits lie beyond the boundary of the trench. Full descriptions of the pits are given below in Table 1.

Context	Description	Dimensions (m) (LxWxD)	Sides	Base	Fill
4001	Circular pit	0.8 diameter			Not excavated
4004	Oval pit	1.0 x 0.8 x 0.23	Sloping	Concave	Primary fill: <b>(4005)</b> pale sandy gravel to 0.1m thick. Upper fill: <b>(4006)</b> dark soil to 0.13m thick.
4007	Oval pit	1.3 x 0.5			Not excavated
4010	Oval pit	1.3 x 0.6 x 0.12	Sloping	Concave	Primary fill: <b>(4011)</b> pale sandy gravel to 0.02m thick. Upper fill: <b>(4012)</b> dark soil to 0.1m thick.
4013	Circular pit	1.5 diameter x 0.35			Primary fill: <b>(4014)</b> pale sandy gravel to 0.15m thick. Upper fill: <b>(4015)</b> dark soil to 0.2m thick, containing frequent wood fragments.
4016	Oval pit	1.3 x 0.8 x 0.2	Sloping	Concave	Primary fill: <b>(4017)</b> pale sandy gravel to 0.1m thick. Upper fill: <b>(4018)</b> dark soil to 0.13m thick.
4019	Circular pit	0.75 diameter x 0.08	Shallow	Concave	Single fill: <b>(4020)</b> dark soil.
4021	Oval pit	0.5 x 0.35			Not excavated
4023	Oval pit	0.7 x 0.6			Not excavated
4025	Oval pit	0.7 x 0.6			Not excavated
4027	Circular pit	0.3 diameter			Not excavated
4029	Oval pit	0.2 x 0.15			Not excavated
4031	Circular pit	0.2 diameter			Not excavated
4033	Circular pit	0.3 diameter			Not excavated
4035	Circular pit	0.3 diameter			Not excavated
4037	Sub-circular possible pit	4.0 x 3.7 x 0.32	Shallow	Flat/Concave	Primary fill: <b>(4038)</b> peaty soil to 0.12m thick. Upper fill: <b>(4039)</b> dark soil to 0.2m thick.
4040	Sub-square pit	0.25 x 0.2 x 0.1	Steep	Flat/Irregular	Single fill: <b>(4041)</b> dark soil.

*Table 1: Description of pits in Trench 40*

- 3.2.5 A rectangular pit **(5901)** measuring 4m by 3m was discovered in Trench 59. Its cut had a very sharp horizon and with straight sides and slightly curved, sharp corners. It was filled with a matrix of clay, stone and ash **(5902)**, which was slightly separated and sunken from the edge of the cut. After hand examination, the fill was removed by machine to a depth of c.6m. The sides of the pit were unlined, and were vertical and smooth. The fill was not bottomed, and was of the same character for its entire excavated depth. No finds were recovered from the fill. The shape and depth of the feature suggests that it is an infilled mineshaft, probably associated with Haywood colliery.



### 3.3 Targeted Site Results (9, 10, 17, 22, 23)

#### *Site 9*

- 3.3.1 Trenches 69, 70, 71 and 75 were placed to evaluate Site **9**. A spread of rubble (**6904**) was revealed in Trench 69, extending for c.11m from the west end of the trench. Its boundary was faintly visible on the ground covering an area measuring c.20m by 15m. Test pit excavation showed the spread to be 0.45m thick. Large quantities of 19<sup>th</sup> and 20<sup>th</sup> century pottery, glass, tile and shoe parts including a rubber heel, were recovered.
- 3.3.2 A linear ditch was revealed in Trenches 69, 70 and 71. It was aligned north to south and measured up to 3.5m wide. It had a rounded shallow terminus (**7101**) to the north within Trench 71, and had sloping sides and a concave base, reaching 0.8m deep in Trench 69. Its primary fill (**6903**) was sandy clay, which lay up to 0.35m deep and contained occasional rounded stones. It underlay mid-grey-brown silt (**6902**) up to 0.45m deep. **6902** underlay and merged with the topsoil (**001**). The ditch was also revealed in Trench 70, where it shared the same alignment and plan as in Trenches 69 and 71. It was not excavated in this trench.
- 3.3.3 A small oval pit (**7103**) was revealed in Trench 71 situated c.1.3m from the ditch terminus (**7101**). It measured 0.55 by 0.5m and had steep sides and an irregular base reaching 0.2m in depth. It was filled with firm dark soil (**7104**), from which a sherd of modern glazed pottery was recovered.

#### *Site 10*

- 3.3.4 Site **10** was visible on the surface as two piles of stone rubble and one pile of brick rubble which appear to have been dumped by machine. Overgrown low linear structures extending from beneath the rubble were discernable. Two hand-dug trenches (HP1 & HP2) were excavated across these structures, which showed them to comprise an alignment of small to medium heaped stones placed onto the topsoil surface without foundation. HP2 was abandoned when asbestos was discovered amongst the stones. It is possible that these alignments represent the remains of a crude sheepfold, expediently built from the surrounding rubble. Trench 78 was excavated through the centre of the stone and brick pile and revealed no structures, but uncovered large quantities of loose bricks within the topsoil. The presence of bricks within the topsoil and asbestos suggests that a building did stand here, but has been comprehensively demolished. The piles of stones and bricks likely represent demolition rubble which has been tidied into a spoil heap by machine.

#### *Site 17*

- 3.3.5 Site **17** was comprehensively trial trenched by Trenches 2 – 5. No structural remains were discovered, although much of the natural subsoil surface has been significantly disturbed, most probably by activity associated with the smithy and mining.



## *Site 22*

- 3.3.6 Site **22** was evaluated by Trenches 9 and 18. Trench 9 revealed the railway bed to be founded onto the natural subsoil surface which was firm grey sandy clay. Several railway sleepers were contained within the topsoil but were in a state of advanced rot and had no associated structures. A single ephemeral linear feature extended along the trench measuring c.0.3m wide and up to 0.01m deep. It may represent a track or runner foundation. A section of railway track recovered from the Lawhead Branchline during an earlier evaluation suggests that it may have been a horse drawn plateway (White 2006).
- 3.3.7 Trench 18 revealed no surviving structures, but showed the railway had been built onto 0.6m of peat deposits towards the west. No archaeological remains or structures were revealed beneath the peat.

## *Site 23*

- 3.3.8 Site 23 comprised a section of the dismantled Wilsontown branch line which is currently tarmac surfaced and in use as a local access road. It is built mainly through a deep cutting with a short section on a low embankment over a watercourse. Due to its current use, it was not evaluated.

## **4. CONCLUSION**

- 4.1 The archaeological evaluation at Wilsontown Opencast Coal Scheme revealed a number of features:
- Two pits (Trench 1).
  - A linear ditch (Trenches 10, 12 & 20).
  - A concentration of small pits (Trench 40).
  - An infilled mineshaft (Trench 59).
  - A linear ditch with terminus (Trenches 69, 70 & 71), a small pit (Trench 71) and spread of 19<sup>th</sup> century refuse and rubble (Trench 69).
- 4.2 The two pits in Trench 1 most likely represent earlier mining activities and may be abandoned prospection pits. While the date and purpose of **103** is unknown, its spatial association with **101** strongly suggests it is contemporary with **101** and of limited archaeological significance.
- 4.3 The linear ditch recorded in Trenches 10, 12 and 20 may be the remains of an earlier post-improvement field boundary; however, it is more likely to be a field drainage ditch, as it runs parallel to a system of clay drains.

- 4.4 The concentration of small pits in Trench 40 is uncertain in date and purpose. They may be early iron prospecting pits; however this cannot be currently asserted due to the lack of dating evidence. Equally, they may be of prehistoric date. It seems likely that more pits lie beyond the currently excavated area; trial trenching to the north and east revealed no more pits or other features so it seems likely that they have a limited distribution.
- 4.5 The mineshaft can be confidently associated with earlier mineworking, possibly with the former Haywood Colliery and thus dated to the 19<sup>th</sup> century.
- 4.6 The suite of features in Trenches 69-71 is also most likely associated with Haywood Colliery. The purpose of the ditch is unclear but it may be a simple drainage ditch. Again the purpose of the small pit is unclear, but its uneven profile may indicate that it represents surface damage rather than a purposely designed and dug pit. The spread of material appears to be a refuse midden, possibly combining industrial refuse from the colliery and domestic refuse from surrounding farms.
- 4.7 No structures were discovered associated with Sites **10** or **17**; however the large quantity of bricks within the topsoil and piles of rubble at Site **10** suggests that a building has been demolished.
- 4.8 The only remains of the Lawhead branch line (Site **22**) discovered was an ephemeral linear slot which may represent part of the track bed.
- 4.9 The decision regarding further mitigation measures lies with WoSAS.
- 4.10 The project archive, comprising all CFA record sheets, maps and reports will be deposited with the National Monuments Record of Scotland (NMRS) and copies of the report will be lodged with the South Lanarkshire Sites and Monuments Record.
- 4.11 A summary statement of the results of this evaluation will be submitted for publication in *Discovery and Excavation in Scotland*.

## **5. BIBLIOGRAPHY**

Cressey, M, 1998 *Wilsontown Prospective Opencast Coal Site, South Lanarkshire: Archaeological Appraisal*. CFA Report No 401

Mitchell, S, 2004 *Wilsontown Opencast Coal Scheme (Phase 1), Archaeological Evaluation*. CFA Report No 892

White, R. 2006 *Wilsontown Opencast Coal Scheme (Phase 2) Forth, South Lanarkshire Archaeological Evaluation*. CFA Report No. 1249

## APPENDIX 1: Summary of Trial Trenching Results

Trench No.	Dimensions (m)	Topsoil Depth (m)	Features
1	50 x 2 + 10 x 5 box	0.3	Two pits (101, 103), probably modern.
2	50 x 2	0.4	Modern field drainage
3	50 x 2	0.3	Modern field drainage
4	50 x 2	0.2 - 0.3	Spread of ash and blaes. Modern field drainage
5	50 x 2	0.3	Modern field drainage
6	50 x 2	0.1 - 0.4	Thin spreads of ash, stone and dark soil
7	50 x 2	0.4	0.3 - 0.5m thick layer of ash, blaes and stone. Iron pipes, modern field drainage
8	50 x 2	0.3	0.2 - 0.4m thick layer of ash, blaes and rubble. 1m deep peat layer containing bogwood.
9	50 x 2	0.4	Frequent railway sleepers contained in topsoil. Possible foundation of railway track.
10	50 x 2	0.35	Ditch (1001), clay drains
11	50 x 2	0.3 - 0.4	Modern field drainage
12	50 x 2	0.2 - 0.3	Ditch (1201), clay drains
13	50 x 2	0.3 - 0.4	
14	50 x 2	0.3	
15	50 x 2	0.3	
16	50 x 2	0.3	
17	50 x 2	0.3 - 0.4	
18	50 x 2	0.3	
19	50 x 2	0.3	Modern field drainage
20	50 x 2	0.3	Ditch (2001), clay drains
21	50 x 2	0.3	Modern field drainage
22	50 x 2	0.2 - 0.3	
23	50 x 2	0.3 - 0.4	Modern field drainage
24	50 x 2	0.3	Modern field drainage
25	50 x 2	0.3	
26	50 x 2	0.3	
27	50 x 2	0.3	Modern field drainage
28	50 x 2	0.3	Modern field drainage
29	50 x 2	0.3	Modern field drainage
30	50 x 2	0.3	Modern field drainage
31	25 x 2	0.3 - 0.4	Modern field drainage
32	25 x 2	0.3	Modern field drainage
33	25 x 2	0.3	Modern field drainage
34	25 x 2	0.3	Modern field drainage
35	50 x 2	0.3	Modern field drainage
36	50 x 2	0.3 - 0.4	
37	50 x 2	0.3	
38	50 x 2	0.3	
39	50 x 2	0.3 - 0.4	Modern field drainage
40	50 x 2 + 50 x 10 box	0.3	Series of 17 pits, modern field drainage
41	50 x 2	0.2	Modern field drainage
42	50 x 2	0.2	
43	50 x 2	0.3	
44	50 x 2	0.3	Modern field drainage
45	50 x 2	0.3	
46	50 x 2	0.3	Modern field drainage
47	50 x 2	0.3	Modern field drainage
48	50 x 2	0.3 - 0.4	Modern field drainage
49	50 x 2	0.3	

<b>Trench No.</b>	<b>Dimensions (m)</b>	<b>Topsoil Depth (m)</b>	<b>Features</b>
50	50 x 2	0.3	Modern field drainage
51	50 x 2	0.3	Modern field drainage
52	50 x 2	0.25	
53	50 x 2	0.25	
54	50 x 2	0.25	
55	50 x 2	0.3	
56	50 x 2	0.3	Modern field drainage
57	50 x 2	0.3	Modern field drainage
58	50 x 2	0.3	
59	50 x 2 + 5 x 5 box	0.3	Mineshaft
60	50 x 2	0.3	
61	50 x 2	0.3	
62	50 x 2	0.3	Modern field drainage
63	50 x 2	0.3	Modern field drainage
64	50 x 2	0.3	
65	50 x 2	0.3	Modern field drainage
66	50 x 2	0.35 - 0.4	Modern field drainage
67	50 x 2	0.3	Modern field drainage
68	50 x 2	0.3	
69	50 x 2	0.3	Ditch (6901), Dump of 19th/20th century material (6904), modern field drainage
70	50 x 2	0.3	Ditch (7001), modern field drainage
71	50 x 2 + 10 x 10 box	0.3	Ditch terminus (7101), Pit (7103), Modern field drainage
72	50 x 2	0.3	Modern field drainage
73	50 x 2	0.3	Modern field drainage
74	50 x 2	0.3	Modern field drainage
75	50 x 2	0.3 - 0.4	
76	50 x 2	0.3	
77	50 x 2	0.3	Modern field drainage
78	50 x 2	0.3 - 0.4	
79	50 x 2	0.25	Modern field drainage
80	50 x 2	0.25	Modern field drainage

## APPENDIX 2: Site 10 Hand Pit Register

<b>Hand Pit No.</b>	<b>Dimensions (m)</b>	<b>Topsoil Depth (m)</b>	<b>Features</b>
HP1	2.2 x 0.6 x 0.4	0.4	Stone built wall on topsoil surface
HP2	2.2 x 0.6 x 0.4	0.4	Stone built wall on topsoil surface, asbestos

### APPENDIX 3: Context Register

Context No.	Trench No.	Description
000	All	Natural Subsoil
001	All	Topsoil
101	1	Cut of pit
102	1	Upper fill of 101
103	1	Cut of pit
104	1	Fill of 103
105	1	Primary fill of 101
106	1	Secondary fill of 101
701	7	Spread of soil, ash and blaes
801	8	Spread of soil, ash and blaes
1001	10	Cut of ditch
1002	10	Fill of 1001
1201	12	Cut of ditch
1202	12	Fill of 1201
2001	20	Cut of ditch
2002	20	Fill of 2001
4001	40	Cut of pit
4002	40	Primary fill of 4001
4003	40	Secondary fill of 4001
4004	40	Cut of pit
4005	40	Primary fill of 4004
4006	40	Secondary fill of 4004
4007	40	Cut of pit
4008	40	Primary fill of 4007
4009	40	Secondary fill of 4007
4010	40	Cut of pit
4011	40	Primary fill of 4010
4012	40	Secondary fill of 4010
4013	40	Cut of pit
4014	40	Primary fill of 4013
4015	40	Secondary fill of 4013
4016	40	Cut of pit
4017	40	Primary fill of 4016
4018	40	Secondary fill of 4016
4019	40	Cut of pit
4020	40	Fill of 4019
4021	40	Cut of pit
4022	40	Fill of 4021
4023	40	Cut of pit
4024	40	Fill of 4023
4025	40	Cut of pit
4026	40	Fill of 4025
4027	40	Cut of pit
4028	40	Fill of 4027
4029	40	Cut of pit
4030	40	Fill of 4029
4031	40	Cut of pit
4032	40	Fill of 4031
4033	40	Cut of pit
4034	40	Fill of 4033
4035	40	Cut of pit
4036	40	Fill of 4035
4037	40	Possible cut of large shallow pit
4038	40	Upper fill of 4037

Context No.	Trench No.	Description
4039	40	Peaty clay primary fill of 4037
4040	40	Cut of small pit
4041	40	Fill of 4040
5901	59	Cut of mineshaft
5902	59	Fill of 5901
6901	69	Cut of ditch
6902	69	Upper fill of 6901
6903	69	Primary fill of 6901
6904	69	Spread of 19th-20th century refuse
7001	70	Cut of ditch
7002	70	Fill of 7001
7101	71	Cut of ditch terminus
7102	71	Fill of 7101
7103	71	Cut of pit
7104	71	Fill of 7103

## APPENDIX 4: Photograph Register

### Colour Slide

<i>Film 1</i>		
Shot	Contexts/description	Taken from
1	Registration shot	
2-3	Site 10	NW
4-5	Site 10	W
6-7	Site 10	E
8-9	Site 10	NW
10-11	Site 10, HP1	S
12-13	Site 10, HP1 Section	W
14-15	Site 10, HP2	E
16-17	Tr. 1, 101 & 103	SW
18-19	Tr. 1, 101 & 103 section	NE
20-21	Tr. 1, 103 section	NE
22-23	Tr. 5	W
24-25	Tr. 4	SW
26-27	Tr. 3	NE
28-29	Tr. 7 section	NE
30-31	Tr. 8	E
32-33	Tr. 9	E
34-35	General shot, 101	W
36	Tr. 15	E
<i>Film 2</i>		
Shot	Contexts/description	Taken from
1	Registration shot	
2-3	Section, 101	SW
4-5	Tr. 10	NE
6-7	Tr. 16	W
8-9	Tr. 13	E
10-11	Tr. 17	W
12-13	Tr. 18	E
14-15	Tr. 25	S
16-17	Tr. 24	N
18-19	Tr. 26	SW
20-21	Tr. 27	S
22-23	Tr. 20	N



24-25	Tr. 19	N
26-27	Cylinder drain in Tr. 21	
28-29	2001 section	SE
30-31	Tr. 22	W
32-33	Tr. 23	W
<i>Film 3</i>		
Shot	Contexts/Description	Taken From
1	Registration shot	
2-3	Tr. 28	NW
4-5	Tr. 27	E
6-7	Tr. 26	N
8-9	Tr. 29	S
10-11	Tr. 30	N
12-13	Tr. 35	N
14-15	Tr. 34	N
16-17	Tr. 33	S
18-19	Tr. 32	S
20-21	Tr. 36	W
22-23	Tr. 31	S
24-25	Tr. 27 cylinder drain	
26-27	Tr. 40 General shot of features	W
28-29	4004 section	S
30-31	4010 section	E
32-33	Tr. 40 General shot	S
34-35	Tr. 39	S
36-37	Tr. 38	W
<i>Film 4</i>		
Shot	Contexts/Description	Taken From
1	Registration shot	
2-3	Tr. 41	N
4-5	Tr. 42	E
6-7	Tr. 43	NE
8-9	Tr. 44	S
10-11	4013 section	S
12-13	Tr. 46	NW
14-15	Tr. 48	W
16-17	Tr. 47	SW
18-19	Tr. 51	NW
20-21	Tr. 50	W
22-23	Field drain Tr. 51	SW
24-25	4016 section	SE
26-27	Tr. 55	W
28-29	Tr. 54	W
30-31	Tr. 53	SW
32-33	Tr. 57	N
34-35	Tr. 61	N
36-37	Tr. 60	W
<i>Film 5</i>		
Shot	Contexts/Description	Taken From
1	Registration shot	
2-3	4019 section	N
4-5	Tr. 58, 5801	S
6-7	Tr. 62	E
8-9	Tr. 63	E
10-11	Coal spread in Tr. 65	S
12-13	Tr. 66	W
14-15	Tr. 69	E

16-17	Tr. 69 ditch	N
18-19	Tr. 69	W
20-21	Tr. 68	SE
22-23	Tr. 40, 4016	S
24-25	Tr. 40 section	E
26-27	Tr. 60, 6001 general shot	E
28-29	Tr. 60 6001 profile	E
30-31	Tr. 74	W
32-33	Tr. 73	W
34-35	7101, section	N
36	7103 section	N

## Digital

Photo No.	Description	Taken From
1	Site 10	NW
2	Site 10	W
3	Site 10	E
4	Site 10	N
5	HP1	S
6	HP1 section	W
7	HP2	E
8	Tr. 1 101, 103	SW
9	Tr. 1 101, 103	NE
10	103 section	NE
11	Tr. 5	W
12	Tr. 4	SW
13	Tr. 3	NE
14	Tr. 7 section	N
15	Tr. 8	E
16	Tr. 9	E
17	101 section	SW
18	101 section	E
19	Tr. 15	E
20	Tr. 14	W
21	101 section	SW
22	Tr. 10	NE
23	Tr. 16	W
24	Tr. 13	E
25	1201, 1202	E
26	Tr. 17	W
27	Tr. 18	E
28	Tr. 25	S
29	Tr. 24	N
30	Tr. 26	SW
31	Tr. 27	S
32	Tr. 20	N
33	Tr. 19	N
34	Cylinder drain in Tr. 21	
35	2001 section	SE
36	Tr. 22	W
37	Tr. 23	W
38	Tr. 28	NW
39	Tr. 27	E
40	Tr. 26	N
41	Tr. 29	S
42	Tr. 30	N

Photo No.	Description	Taken From
43	Tr. 35	N
44	Tr. 34	N
45	Tr. 33	S
46	Tr. 32	S
47	Tr. 36	W
48	Tr. 31	S
49	Cylinder drain in Tr. 27	
50	Tr. 40 box	W
51	4004 section	S
52	4010 section	E
53	Tr. 40	S
54	Tr. 39	S
55	Tr. 38	W
56	Tr. 41	N
57	Tr. 42	E
58	Tr. 43	NE
59	Tr. 44	S
60	4013 section	S
61	Tr. 46	NW
62	Tr. 48	W
63	Tr. 47	SW
64	Tr. 51	NW
65	Tr. 50	W
66	Cylinder drain in Tr. 51	SW
67	4016 section	SE
68	Tr. 55	W
69	Tr. 54	W
70	Tr. 53	SW
71	Tr. 57	N
72	Tr. 61	N
73	Tr. 60	W
74	4019 section	N
75	Tr. 59 mineshaft	S
76	Tr. 62	N
77	Tr. 64	S
78	Tr. 70	W
79	Tr. 74	W
80	7103	N
81	7103 section	N
82	7101 section	N
83	General view of Tr. 71 features	E
84	Tr. 69	E
85	6901 section	N
86	6904 general shot	W
87	6904 test pit section	N

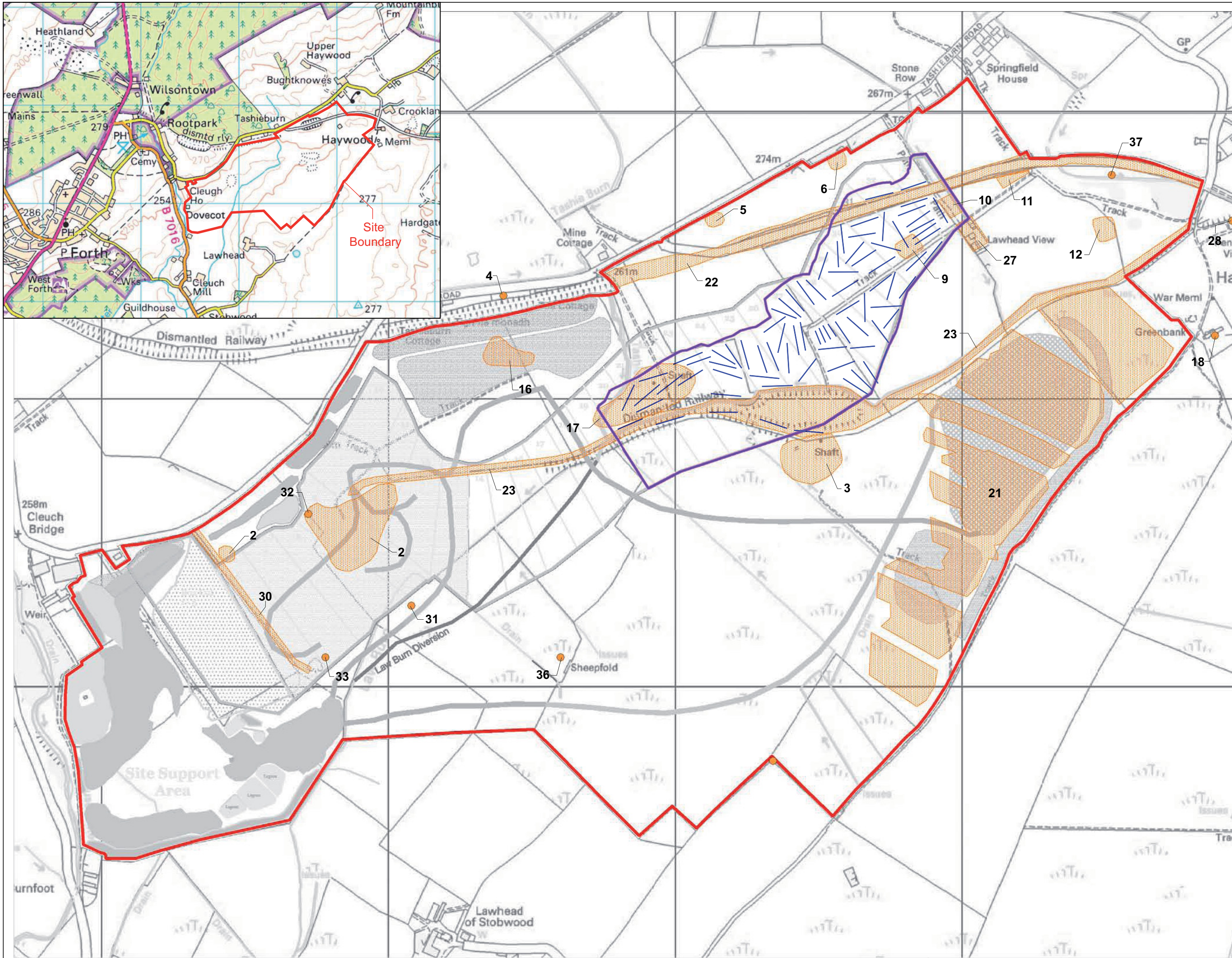
## APPENDIX 5: Drawings Register

Sheet No.	Drawing No.	Description	Contexts/Content	Scale
1	1	Section	Hand Pit 1, Site 10	1:10
1	2	Section	Hand Pit 1, Site 10	1:10
2	1	Section	Hand Pit 2, Site 10	1:10
3	1	Plan	101, 103	1:50
4	1	Section	101, 102, 105	1:10
4	2	Section	101, 102, 105	1:10
5	1	Section	101, 102, 105, 106	1:20
5	2	Section	2001, 2002	1:10
5	3	Section	1201, 1202	1:10
6	1	Plan	Trench 40	1:50
7	1	Section	4004, 4005, 4006	1:10
7	2	Section	4010, 4011, 4012	1:10
7	3	Section	4037, 4038	1:10
7	4	Section	4016, 4017, 4018	1:10
7	5	Section	4019, 4020	1:10
8	1	Plan	5901, 5902	1:50
9	1	Section	6901, 6902, 6903	1:20
9	2	Section	6904	1:10
9	3	Section	7103, 7104	1:10
9	4	Section	7102, 7103	1:10
9	5	Section	6904	1:10
10	1	Plan	Site 10	1:50
11	1	Plan	Trench 10	1:50
11	2	Plan	Trench 12	1:50
11	3	Plan	Trench 20	1:50
11	4	Plan	Trench 70	1:50
12	1	Plan	Trench 71	1:50
13	1	Plan	Trench 69	1:50

## APPENDIX 6: Discovery & Excavation in Scotland Entry

<b>LOCAL AUTHORITY:</b>	South Lanarkshire
<b>PROJECT TITLE/SITE NAME:</b>	Wilsontown Open Cast Coal Scheme (Phase 2)
<b>PROJECT CODE:</b>	WOCO2
<b>PARISH:</b>	Carnwath
<b>NAME OF CONTRIBUTOR:</b>	Stuart Mitchell
<b>NAME OF ORGANISATION:</b>	CFA Archaeology Ltd
<b>TYPE(S) OF PROJECT:</b>	Archaeological Evaluation
<b>NMRS NO(S):</b>	NS95SE 25, NS95SE 26, NS95SE.20.4, NS95SE.27.0, NS95SE 56.0
<b>SITE/MONUMENT TYPE(S):</b>	Industrial (Cleugh Coal Mines), Agriculture (Rig and Furrow), Lawhead Branchline Mineral Railway
<b>SIGNIFICANT FINDS:</b>	Concentration of pits, Remains of mining activities
<b>NGR (2 letters, 6 figures)</b>	NS 960 544
<b>START DATE (this season)</b>	August 2009
<b>END DATE (this season)</b>	August 2009
<b>PREVIOUS WORK (incl. DES ref.)</b>	Cressey M (1996), Wilsontown (Carnwath parish), Evaluation <i>DES 1996</i>  Mitchell S (2004), Wilsontown Opencast Coal Scheme, Forth, <i>DES 2004</i>  White, S (2006), Wilsontown Opencast Coal Scheme, Forth, <i>DES 2006</i>
<b>MAIN (NARRATIVE) DESCRIPTION:</b> (May include information from other fields)	An archaeological evaluation was carried out in advance of an extension to Wilsontown Open Cast Coal Scheme. Several features, some associated with earlier coal mining, were uncovered. These included parts of the Lawhead Branchline Mineral Railway, a ditch terminus, pits, a spread of midden and rubble associated with Haywood Coal Mine, and a possible mineshaft. A spread of seventeen pits was discovered, although their purpose and date is unknown at present.
<b>PROPOSED FUTURE WORK:</b>	None
<b>CAPTION(S) FOR ILLUSTRS:</b>	N/A
<b>SPONSOR OR FUNDING BODY:</b>	Hall Construction Ltd
<b>ADDRESS OF MAIN CONTRIBUTOR:</b>	The Old Engine House, Eskmills Park, Musselburgh, EH21 7PQ
<b>EMAIL ADDRESS:</b>	cfa@cfa-archaeology.co.uk
<b>ARCHIVE LOCATION (intended/deposited)</b>	National Monuments Record of Scotland South Lanarkshire Council Sites and Monuments Record



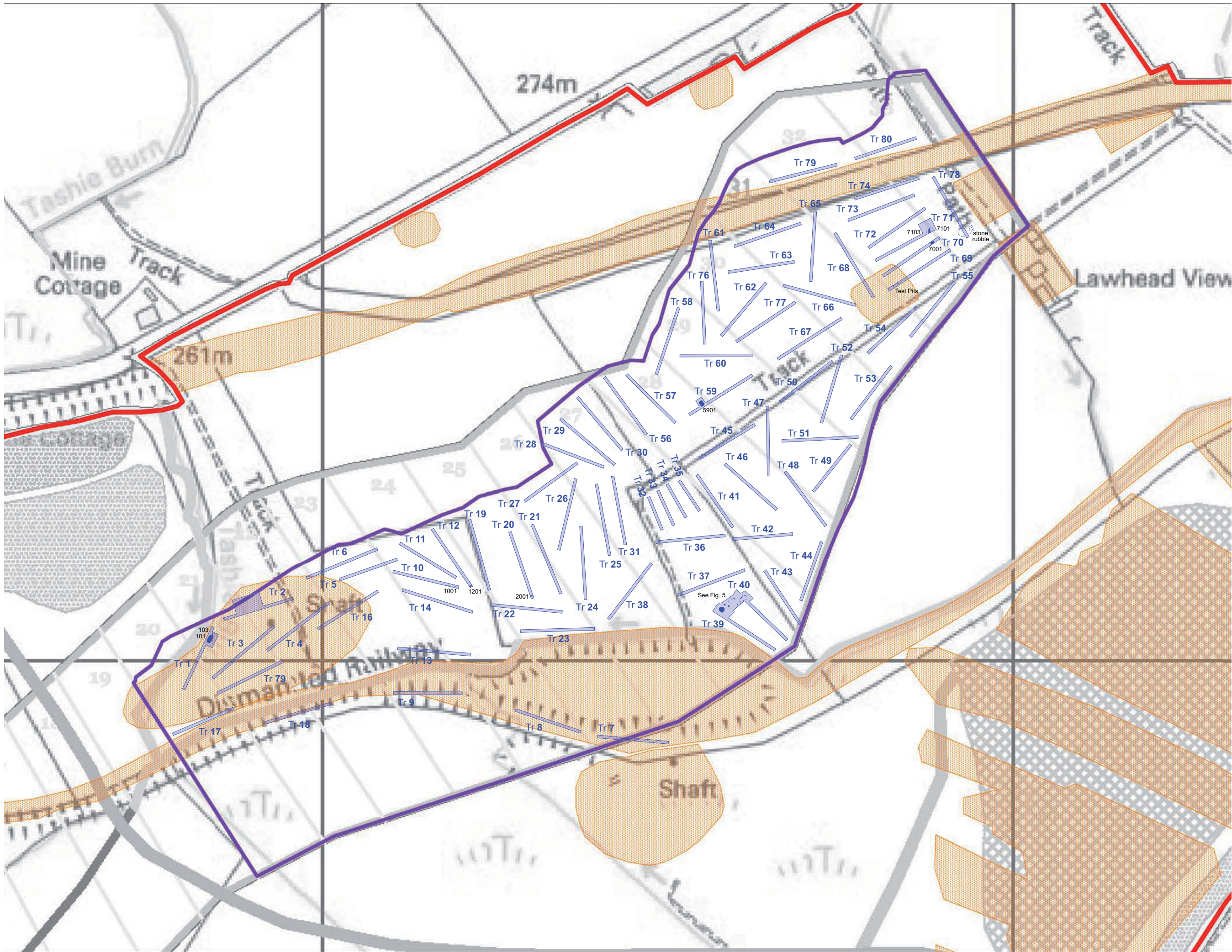


- Key:
- Site boundary
  - Limit of excavation
  - Cultural heritage site
  -

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Fig. No:	1	Revision:	A
Title: Site Location Map			
Project: Wilsontown Opencast Coal Scheme, by Forth, South Lanarkshire: Archaeological Evaluation of Areas 20 to 33			
Scale: 1:6000 @ A3			
Client: Hall Construction Ltd			





Key:



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Fig. No:	2	Revision:	A
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Title:  
Trench Location

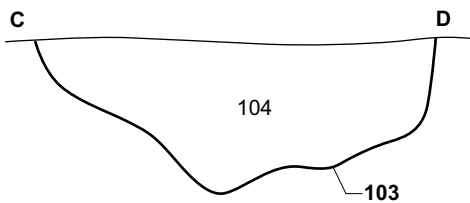
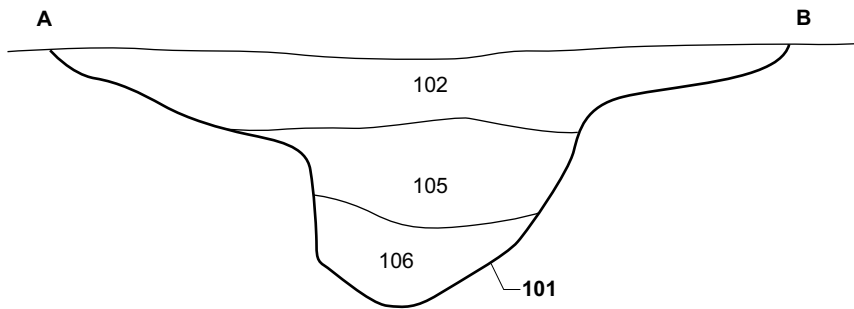
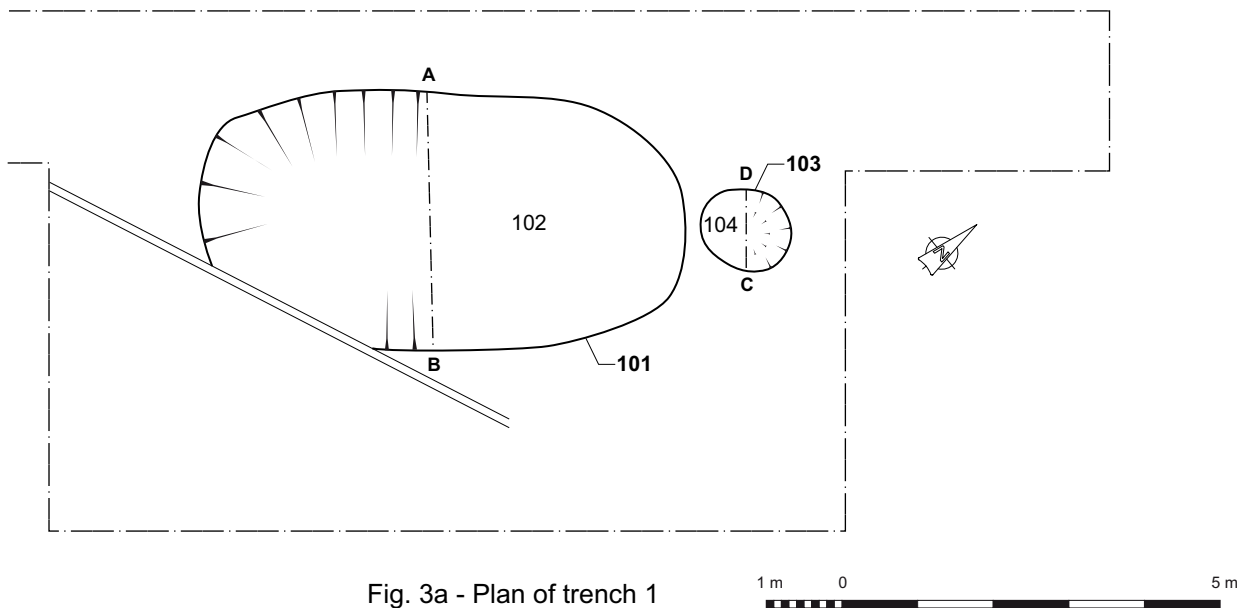
Project:  
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Archaeological Evaluation of Areas 20 to 33


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1:2500@ A3



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Key:	Fig. No:	3	Revision:	A	Client:	Hall Construction Ltd	 <div>CFA ARCHAEOLOGY LTD The Old Engine House Eskmills Park Musselburgh East Lothian, EH21 7PQ t: 0131 273 4380 f: 0131 273 4381 e: info@cfa-archaeology.co.uk w: www.cfa-archaeology.co.uk</div>	
	Title:	Plan and sections of features in trench 1						
	Project:	Wilsontown Opencast Coal Scheme, by Forth, South Lanarkshire: Archaeological Evaluation of Areas 20 to 33						
Scale:						Drawn by: LW	Page No:	Report No: 1656

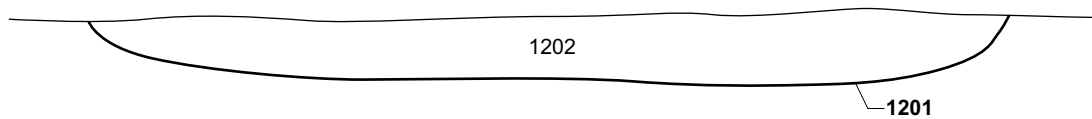


Fig. 4a - Southwest-facing section of feature 1201 in Trench 12

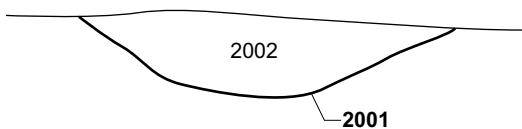

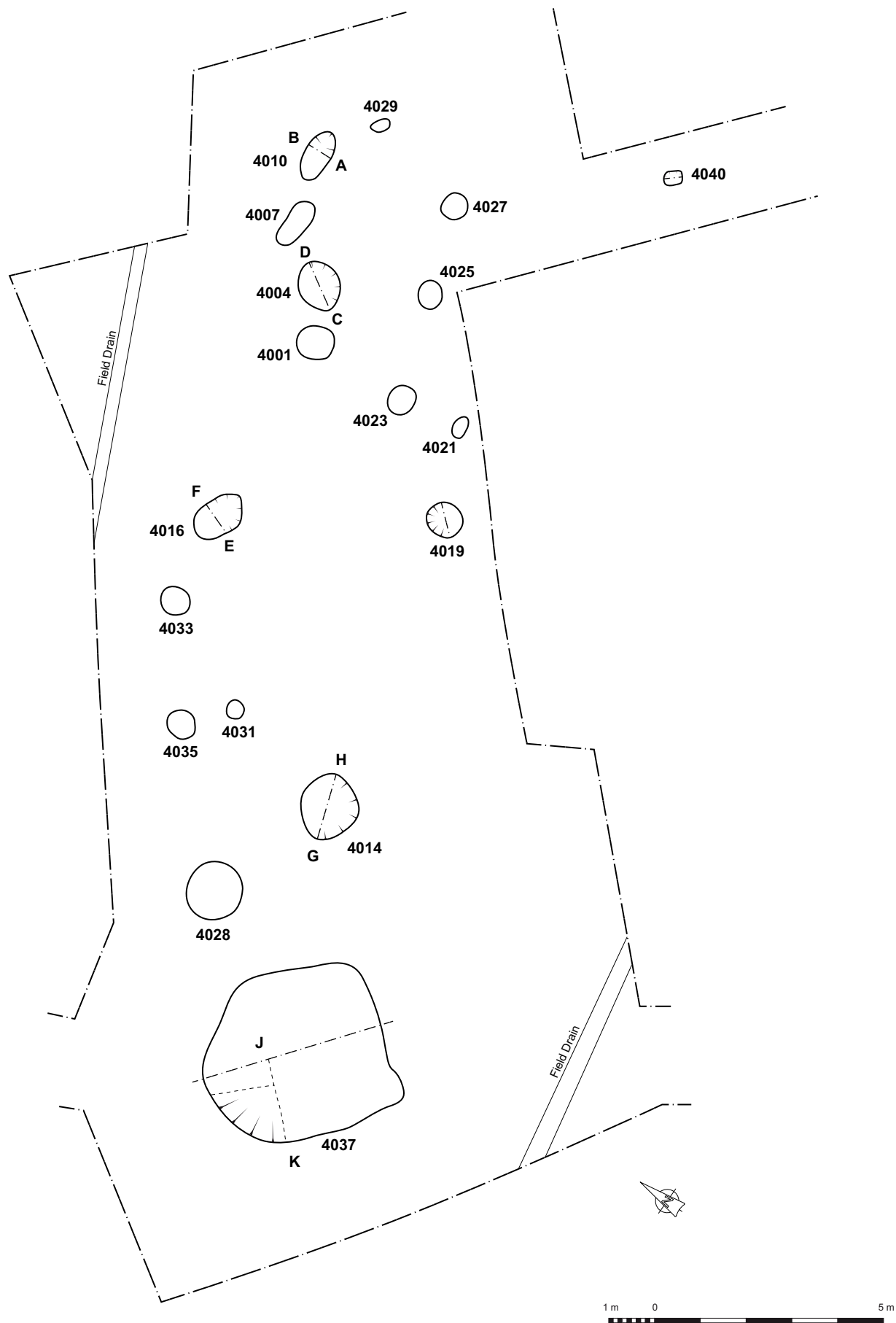


Fig. 4b - East-facing section of feature 2001 in Trench 20



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	Title:	Sections of linear features in trenches 12 & 20							
	Project:	Wilsontown Opencast Coal Scheme, by Forth, South Lanarkshire: Archaeological Evaluation of Areas 20 to 33							
Scale:						Drawn by: LW	Page No:	Report No:	1656



Key:

Fig. No:

5

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Title:

Plan of features in trench 40

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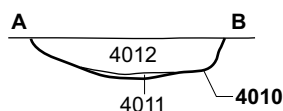


Fig. 6a - East-facing section

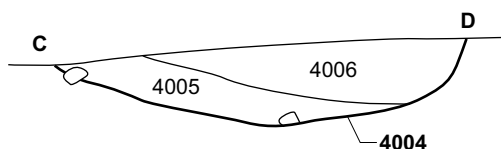


Fig. 6b - South-facing section

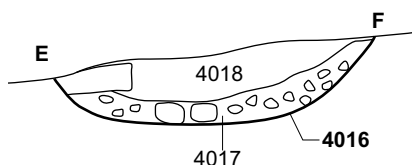


Fig. 6c - East-facing section

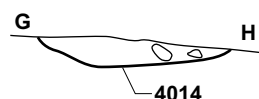


Fig. 6d - East-facing section

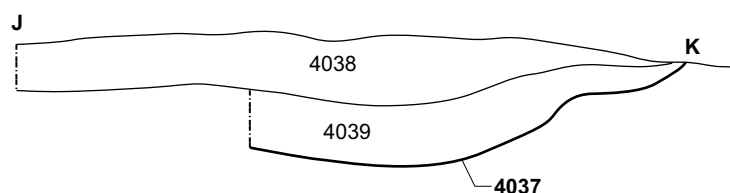


Fig. 6e - Southeast-facing section

50 cm 0 50 cm

Key:

Fig. No:

6

Revision:

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Section of pits in trench 40

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South Lanarkshire: Archaeological Evaluation of  
Areas 20 to 33



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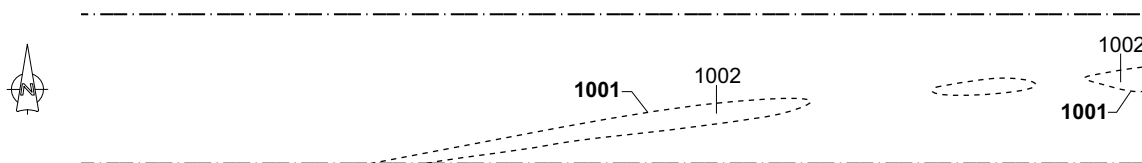


Fig. 7a - Plan of Trench 10



Fig. 7b - Plan of Trench 12

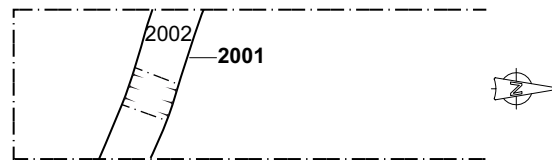


Fig. 7c - Plan of Trench 20

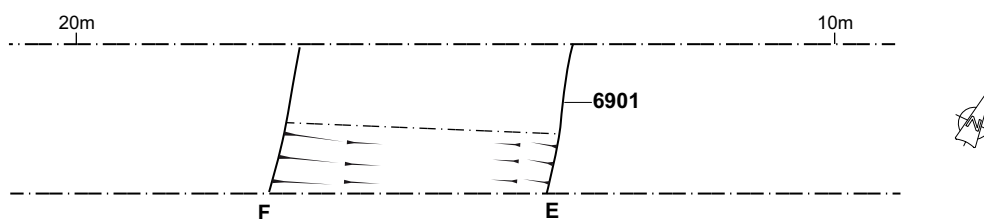
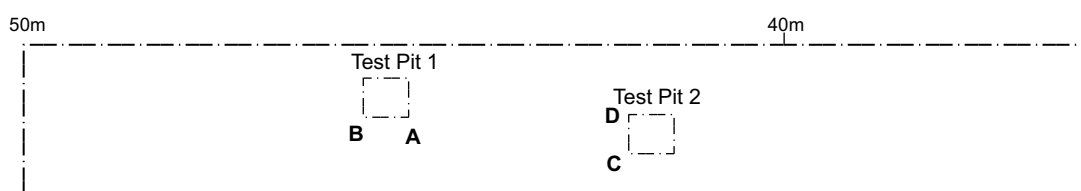


Fig. 7d - Plan of Trench 69

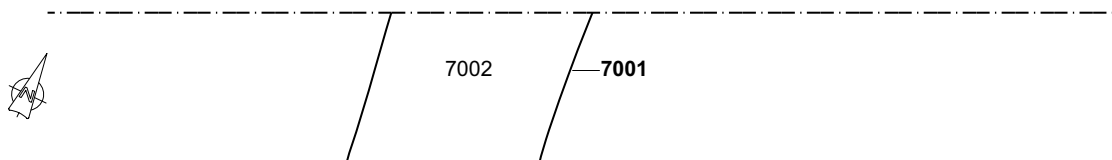


Fig. 7e - Plan of Trench 70

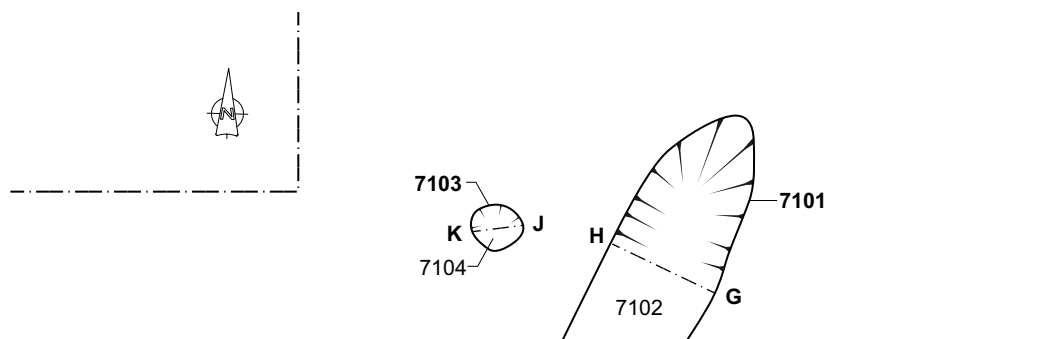


Fig. 7f - Plan of Trench 71



Key:

Fig. No:

7

Revision:

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Plan of features in Site 19

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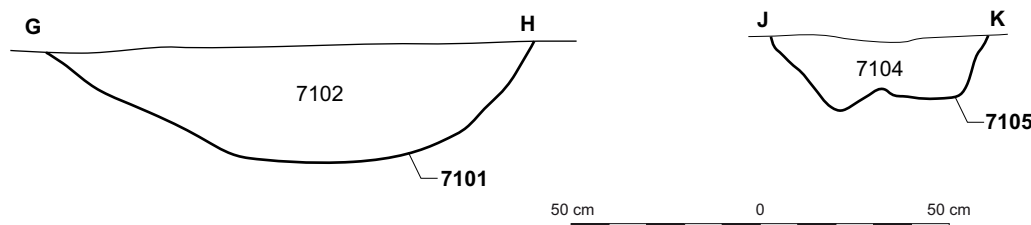
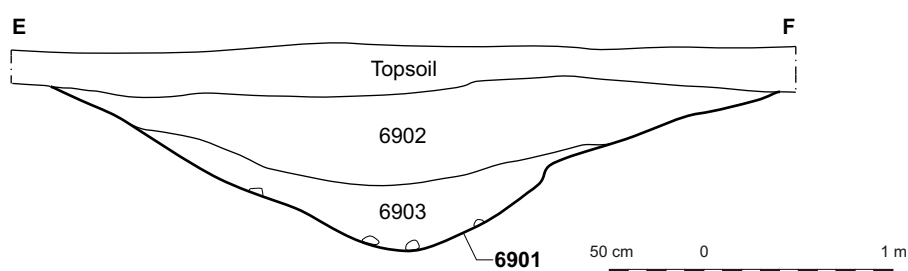
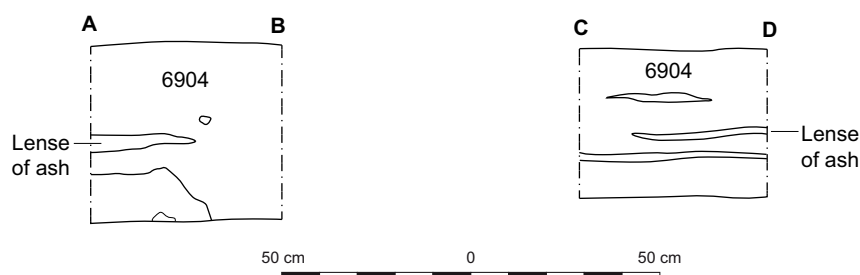
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Key:

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Fig. No:

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Sections of features in Site 19

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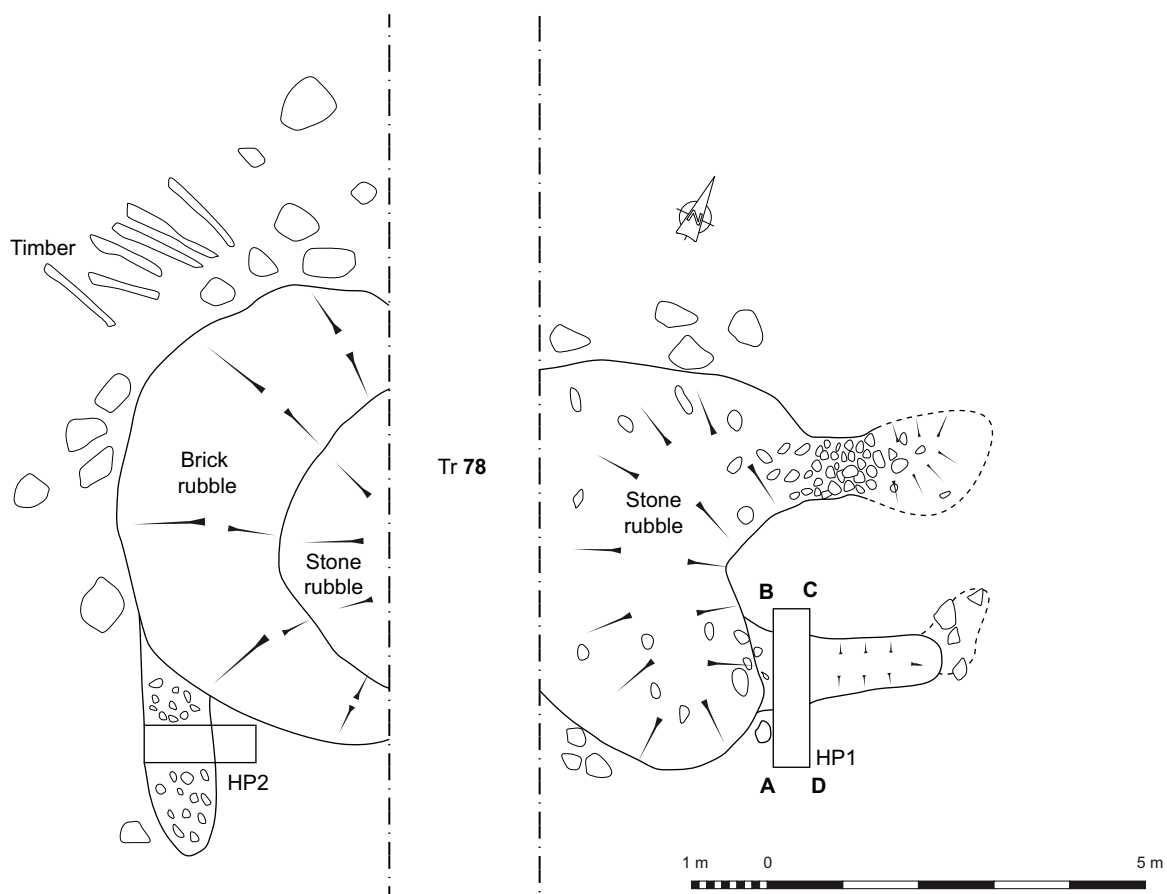


Fig. 9a - Plan of Site 10

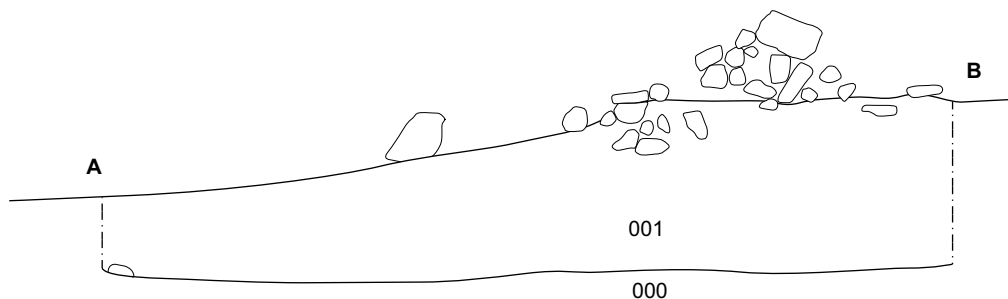


Fig. 9b - Northeast-facing section, HP 1

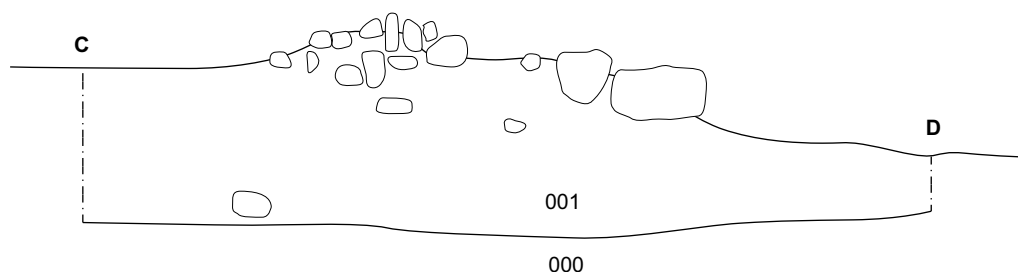


Fig. 9c - Southwest-facing section, HP 1

50 cm 0 50 cm

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Plate 1 - Pre-excavation view of Site 10 from SW



Plate 2 - Pre-excavation view of Site 10 from N



Plate 3 - Section of Hand Pit 1

Key:

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