Project Code: MWFL08

Planning Application No: CL/05/0209
Date of report: 23<sup>rd</sup> September 2008
Client: Arcus Consulting Ltd for Muirhall Windfarm Ltd

















# Muirhall Wind Farm

Desk Based Assessment

Kate Bain BSc AIFA



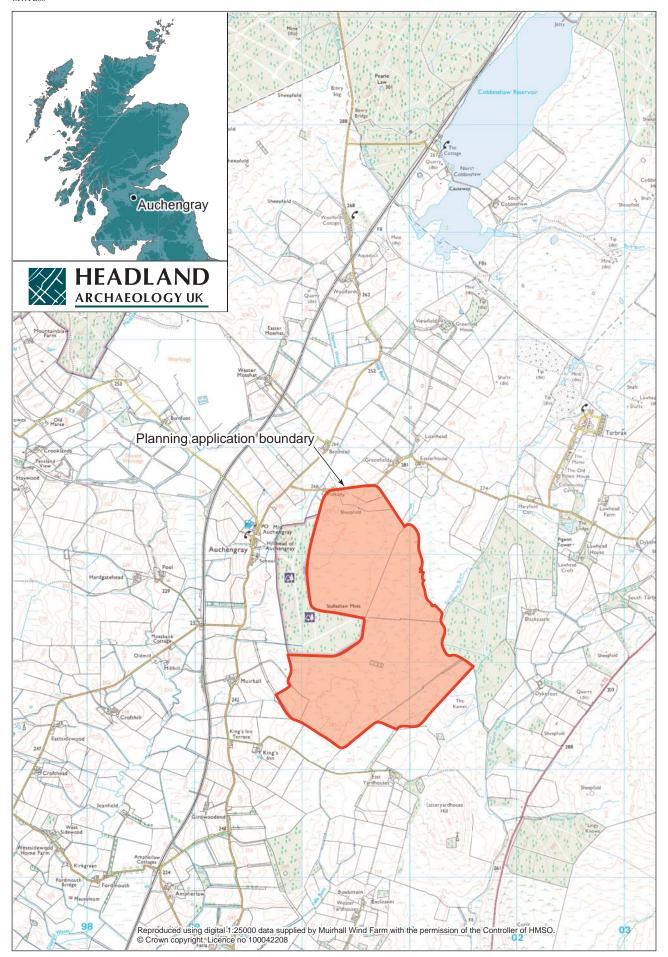
## Project summary sheet

Client	ARCUS CONSULTING LTD FOR MUIRHALL WIND- FARM LTD
National Grid Reference	NT 891 893
Address	Stallashaw moss
Parish	Lanark
Council	South Lanarkshire
Planning Application No	CL/05/0209
NMRS No	N/A
SMR No	N/A
HB/SAM No	N/A
Listing Category	N/A
Project Manager	Mark Roberts
Text	Kate Bain
Illustrations	Mikael Simonsson
Fieldwork	N/A
Specialists	N/A
Schedule Fieldwork	N/A
Report	September 2008

Signed off by:
Date:

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Illus 1 Site location

## Muirhall Wind Farm

### Desk Based Assessment

by Kate Bain

A desk-based assessment and walkover survey were undertaken at the Muirhall Wind Farm, South Lanarkshire in advance of the erection of six new wind turbines and associated infrastructure. The development area is located in an extensive upland bog environment within which are surviving examples of rig and furrow cultivation, suggesting that the area has not been subject to excessive recent development. Other evidence of human activity in the immediate area of the turbine sites appears to be exclusively associated with attempts to drain or improve the land for grazing livestock. Potential for subsurface archaeology was identified as possible pre-historic activity pre-dating the incursion of the blanket bog which characterises the area.

## **INTRODUCTION**

Headland Archaeology undertook an archaeological desk-based assessment of land at Muirhall Wind Farm, South Lanarkshire (Illus 1) on behalf of Arcus Consulting Ltd for Muirhall Windfarm Ltd. The development will comprise the erection of six new wind turbines and associated infrastructure including the creation of access tracks and a construction compound. The work was commissioned in response to a planning condition (Condition 65) outlined as follows;

'No development shall take place within the application site, as outline in red on figure 4.1 [Site Construction Plan] until the developer has secured the implementation of a programme of archaeology survey works in accordance with a written scheme of investigation which has been submitted by the developer, agreed by the West of Scotland Archaeology Service, and approved by the Council. Thereafter the developer shall ensure that the programme of archaeological survey works is fully implemented and that all recording and recovery of archaeological resources within the application site is undertaken to the reasonable satisfaction of the Council in agreement with the West of Scotland Archaeology Service.'

## SITE DESCRIPTION

The proposed development area comprises 242 ha² (centred on NT00519 53618) of upland bog to the east of the village of Auchengray (Illus 1). Extensive areas of late 20<sup>th</sup> century forestry plantation flank the application boundary to the east and west with the remainder of the site being given over to a combination of improved grazing and bog habitat. The surrounding area, particularly to the north and west, is heavily quarried and mined for both coal and oil, the massive bing of the former Tarbrax shale oil works being the dominating feature of the north-western horizon.

#### METHODOLOGY

The study was intended to provide an assessment of all relevant archaeological and historic records within the site and a study area based on a radius of roughly 3km from the site (Illus 2). Records up to 5km from the site were studied to allow for significant sites just outside the 3km boundary. The objective was to determine the likely presence or absence of known and unknown sites within the development area. It was designed to provide a summary assessment of the implications for the development site, not as an exhaustive historical discussion.

The following sources were consulted:

- National Monuments Record of Scotland (NMRS);
- Historic Scotland Schedule of Ancient Monuments and List of Listed Buildings;
- maps held by National Library of Scotland;
- plans held by National Archives of Scotland;
   and
- other readily accessible published sources.

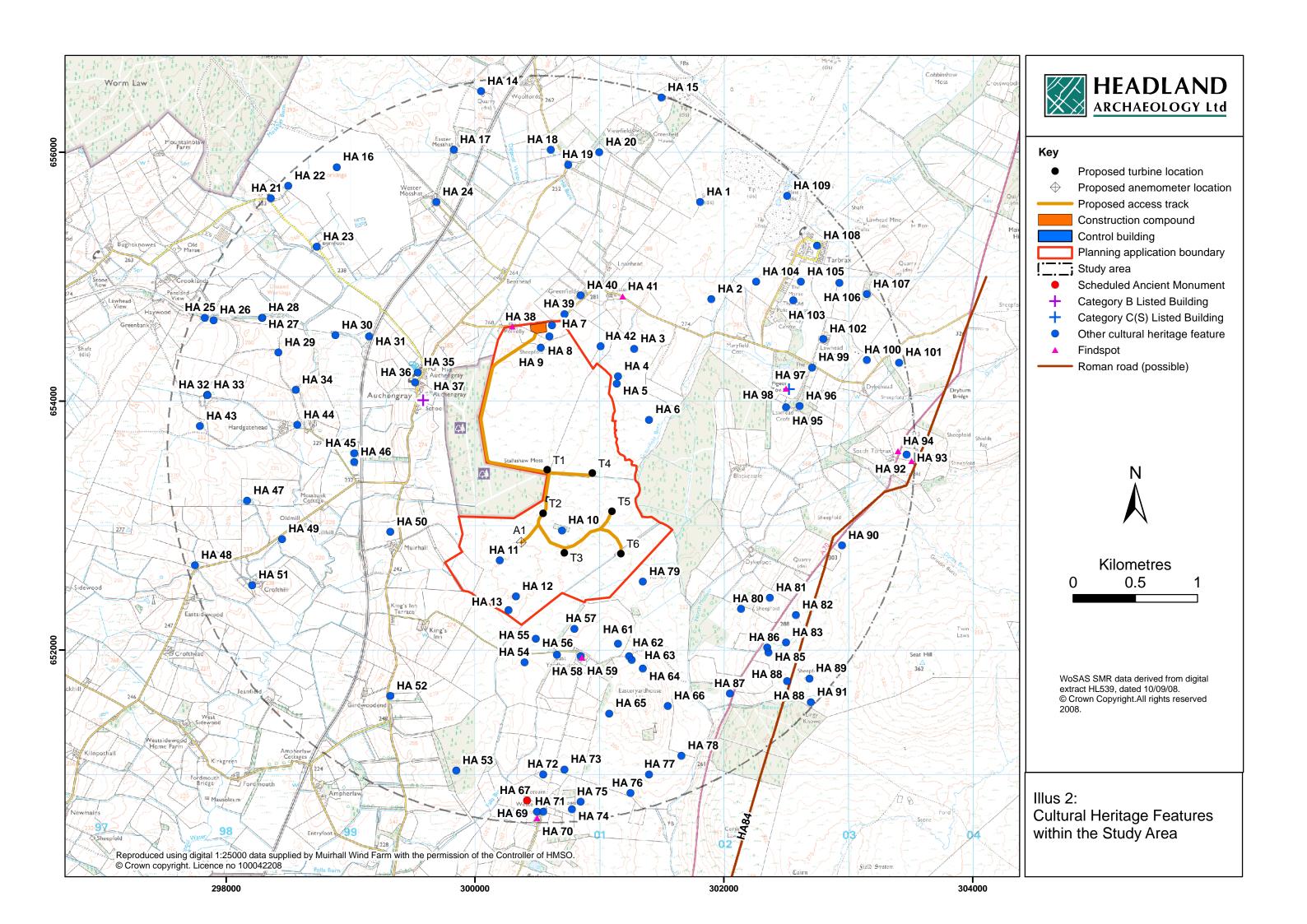
A walkover survey was also carried out in order to assess the character of the site, its current land use and condition and confirm the accuracy of information collected by documentary research. Further to this, any sites not previously noted would be identified and recorded.

#### **RESULTS**

Sites are referred to by Headland Archaeology (HA) numbers. A gazetteer is appended.

### **Previously recorded sites**

There are no Scheduled Ancient Monuments within the proposed development area. Nor are there any listed buildings. The known sites within the planning application boundary are primarily related to the improvement, drainage and agricultural management of Stallashaw Moss in which the site is located. Numerous examples of upstanding rig and



furrow cultivation (HA1, HA2, HA4, HA6, HA11, and HA13) have been identified throughout the development area and beyond. To the north-east of the proposed turbine locations, to the south of the road, a series of enclosures are recorded. The first of these (HA4) is rectilinear in plan and is reported to overlie an area of rig and furrow, this being the case, the enclosure is almost certainly part of the post-medieval agricultural landscape. Two further enclosures (HA3) are recorded just to the north-east of this feature. Each consists of a low, circular grass bank, situated on a grassy knoll. Whilst these features potentially relate to early settlement activity, it seems more likely that they represent livestock shelters occupying relatively dry locations in an otherwise waterlogged environment. A further roughly rectilinear enclosure (HA10), partially within a small stand of trees, was thought to have a similar purpose.

A small number of disused quarry pits (HA5, HA8 & HA12) are also distributed across the development area although in a much lesser concentration than are seen across the wider landscape. By far the largest relic of mining and quarrying in the vicinity of the development area is the massive bing of the former Tarbrax shale oil works (HA 109). The bing and other accompanying elements of the Tarbrax works are located to the north, outside the planning application boundary.

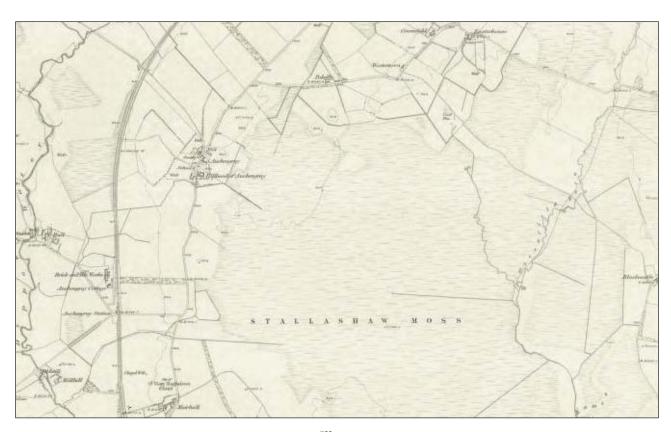
## Cartographic Evidence

The study area is shown on Roy's military survey map (Roy 1747-55, lowland region Illus3) and is depicted as an area of bog or marsh, along the peripheries of which are areas of cultivation.

A similar picture is presented by the 1st edition Ordnance Survey mapping of the area (1859) (Illus 4) which also shows a large expanse of



Illus 3
Area of site on map by William Roy (1747-55)



Illus 4
Area of site on Ordnance Survey 1st edition map (1859)

MWELOS

marsh or bog, entitled Stallashaw Moss, covering the whole of the development area. The first edition map also depicts a significant number of sites marked as coal pits in the surrounding area and to the west of the site, the Caledonian Railway.

The second edition Ordnance Survey (1899) also shows very little development in the vicinity of the site. Although an extension of the railway to Tarbrax had been constructed to the north of the site, marking the initial establishment of what would become the Tarbrax shale oil works.

Little change is observable within the development area on the site until the Ordnance Survey map of 1978 when two large areas of forestry have appeared flanking the east and west of the planning application area.



Illus 5 View from A1 towards Turbines 1 & 2

### Historical and Archaeological Background

Prehistoric and Roman

There is no conclusive evidence for prehistoric land use in the immediate landscape of the site. There is however evidence of early prehistoric activity in the vicinity, primarily in the form of chance finds of flint artefacts. Whilst early prehistoric settlement of upland areas in the region is sparse, a concentration of both settlement and funerary features has been identified to the south of the site, in the area of Wester The blanket bog, Stallashaw moss, Yardhouses. which characterises the modern site landscape, was probably laid down throughout the Bronze Age period, thus potentially burying evidence from earlier periods. A souterrain, designated as a Scheduled Ancient Monument, lies just within the 3km study area at Wester Yardhouses (HA 67). Evidence of Roman activity is restricted to the possible line of a Roman road (HA 84) approximately 3km to the south-east of the site.

Medieval and Post-medieval

There is little or no evidence for activity from the medieval period in the area of the site, this is not considered to be unusual as lower status dwelling activity is rarely identitifed archaeologically outside established medieval burghs.



Illus 6 Tubine 3 site

By far the highest concentration of activity associated with the site dates to the post-medieval period, primarily in association with improvement of the wetlands for the grazing of animals. The wider landscape is littered with coal fields and other mineral extraction sites, the nearby village of Tarbrax being built specifically to house workers of the shale oil extraction industry. The demise of the collieries was quickly followed by a decline in population, returning the landscape to a rural, rather than industrial footing. These sites are listed in the gazetteer and shown in Illus 2 but are not discussed further in this report. The only sites of national designation are the B listed Auchengray Church and the C(S) listed dovecot at Lawhead House.

The first major incursion onto the Stallashaw Moss itself was made by extensive areas of forestry plantation between the 1960s and 1970s.



Illus 7
Tarbrax Bing across the site from turbine 3

## Walkover Survey

The walkover survey confirmed the character of the site as upland bog, areas of which were given over to rough grazing. The turbine track, turbine locations and anemometer location were visited; no upstanding archaeological remains were identified at these locations. Numerous modern drainage channels were observed and the presence of several previously identified upstanding features within the development area was confirmed. No new features were identified.



**Illus 8**Looking toward The Pentlands over turbine 6

#### CONCLUSIONS AND RECOMMENDATIONS

The site itself appears to have seen very little development in terms of either settlement or industrial activity. The marshy character of the land restricts both agriculture and industrial use and despite the various drainage and improvement methods implemented on the site, the majority of the area remains as blanket bog.

Whilst this appears to have precluded human activity after the deposition of the bog, there is some limited potential for the survival of pre-Bronze Age activity buried beneath it. Several findspots of both Mesolithic and Neolithic material have been identified scattered across the wider area, perhaps suggesting the presence of marginal settlement. With this in mind, a study of borehole data from across the site should be considered. A programme of palaeoenvironmental sampling could also be beneficial, as a part of the watching brief, in order to establish the nature of the peat. It is recommended that a programme of watching brief is maintained during the excavation of turbine and crane hardstanding areas.

The only above ground feature close enough to be immediately affected by the erection of the turbines and associated works is a small rectilinear enclosure, thought to be part of a former livestock enclosure of probable 19th century date (HA 10); this should be fenced off with

high visibility netlon mesh to avoid the possibility of accidental damage by plant during the course of the works. The trees within this enclosure will be felled, but no disturbance to the enclosure will occur.

#### BIBLIOGRAPHY AND REFERENCES

## **Documentary Sources**

RCAHMS (1998) Forts, Farms and Furnaces: Archaeology in the Central Scotland Forest Crown Copyright

## **Cartographic Sources**

The following maps and plans held by the National Library of Scotland and RCAHMS were examined (listed in chronological order):

Roy, W. (1747-55) Military Survey of Scotland.

Ordnance Survey, 6 inch to 1 mile (1859) 1<sup>st</sup> edition Lanarkshire: sheets XX and XIV.

Ordnance Survey, 6 inch to 1 mile (1898-99) 2nd edition Lanarkshire; sheets XIV SW, XIV NE & XIV SE, XX NW, XX NE, XX SW & XX SE.

Ordnance Survey, 6 inch to 1 mile (1912-14) *Lanark-shire; sheets XX SW & SE, XX NE & NW, XIV SW, XIV NE & SE.* 

Ordnance Survey, 6 inch to 1 mile (1922) *Lanarkshire;* sheets XX SW-NW & XIV SW.

Ordnance Survey, 6 inch to 1 mile (1957) *Lanarkshire;* sheets NT 05 SW & NW

Ordnance Survey, 6 inch to 1 mile (1963) *Lanarkshire;* sheets NS 95 NE

Ordnance Survey, 6 inch to 1 mile (1978) *Lanarkshire;* sheets NS 95 SE

Ordnance Survey, 1: 10 000 (1981) *Strathclyde; sheets* NT 05 SW & NW

## APPENDIX; GAZETTEER

HA No	Site Name	Site Type	Status	SAM No	Listed Building No	Reference No	Grid Reference
1	Tarbrax, Shale-oil Works	Shale-oil Mine; Tramway				NMRS NT05NW10.2; WoSAS 14961	301810 655600
2	Greenfield Burn / Mary- field Cottage	Rig				NMRS NT05SW56; WoSAS 13907	301900 654820
3	Greenfield	Ring-enclosures				NMRS NT05SW55; WoSAS 13906	301280 654420
4	Greenfield	Rig; Enclosure				NMRS NT05SW52; WoSAS 13903	301150 654200
5	Greenfield	Quarry-pits				NMRS NT05SW53; WoSAS 13904	301140 654140
6	Greenfield / Stallashaw Moss	Rig				NMRS NT05SW54; WoSAS 13905	301400 653850
7	Greenfield	Rig				NMRS NT05SW50; WoSAS 13901	300620 654610
8	Greenfield	Quarry-pits				NMRS NT05SW49; WoSAS 13900	300600 654520
9	Greenfield / Stallashaw Moss	Sheepfold				NMRS NT05SW48; WoSAS 13899	300530 654430
10	Stallashaw Moss	Enclosure				NMRS NT05SW47; WoSAS 13898	300700 652960
11	East Yardhouses	Rig				NMRS NT05SW38; WoSAS 13889	300200 652720
12	East Yardhouses	Quarry; Trackway				NMRS NT05SW70; WoSAS 13929	300330 652430
13	East Yardhouses	Rig				NMRS NT05SW37; WoSAS 13888	300270 652320
14	Woolfords	Lime Kilns; Quarries				NMRS NT05NW50; WoSAS 19119	300050 656490
15	Viewfield Shale Pit	Shale-oil Mine				NMRS NT05NW38; WoSAS 14963	301500 656440
16	Mosshead Burn	Mining Activity; Quarrying Activity				NMRS NS95NE105; WoSAS 50799	298890 655880
17	Easter Mosshat / Mosshat Road	Farmstead				NMRS NS95NE55; WoSAS 14362	299830 656020
18	Woolforddyke	Cottage				NMRS NT05NW41; WoSAS 14964	300610 656020
19	Woolforddyke	Sawpit				NMRS NT05NW49; WoSAS 14967	300750 655900
20	South Cobbinshaw siding	Industrial; Mineral Railway				NMRS NT05NW53; WoSAS 40871	301000 656000
21	Burnfoot Cottage	Cottage				NMRS NS95NE52; WoSAS 14359	298360 655630
22	Burnfoot	Structures				NMRS NS95NE67; WoSAS 15716	298500 655730
23	Burnfoot	Farmstead				NMRS NS95NE53; WoSAS 14360	298730 655240
24	Wester Mosshat / Mosshat Road	Farmhouse; Farm- stead				NMRS NS95NE54; WoSAS 14361	299690 655600
25	Droveloan Cottage, Hay- wood	Cottage; Railway Signal Box (possible)				NMRS NS95SE33.0; WoSAS 19165	297830 654670
26	Droveloan Cottage, Hay- wood	Lazy-beds				NMRS NS95SE33.1; WoSAS 19529	297900 654650

Proof Cottinger   Price   Cottoger   Cotto	HA No	Site Name	Site Type	Status	SAM No	Listed Building No	Reference No	Grid Reference
25	27		Coal Mine; Shafts					298290 654670
Pool Row   Miners Row     WestAS 17508   298420 65430	28	Pool Cottage	Cottage					298290 654670
30   Pool   Coal Mines; kig	29	Pool Row	Miners Row				,	298420 654390
31   Wilsontown Junction   Buildings   WoSAS 1922S   299150 654620     32   Pool Colliery   Coal Mine; Mines Rows   NIMES NS955E39.0   27850 654050     33   Pool Colliery   Pool Pit Cot tage   Lime Kiln   NIMES NS955E39.1   27850 654050     34   Pool   Lime Kiln   NIMES NS955E39.1   297850 654050     35   Auchengray   Smithy   NIMES NS955E42; WoSAS 17502   299540 654250     36   Auchengray   School   NIMES NS95SE44; WoSAS 19233   299520 654150     37   Auchengray Church   Church   B   NIMES NS95SE93   299585 65405     38   Benthead   Findspot: Stone Axe   NIMES NS95SE93   299585 65405     39   Westertown / Greenfield   Farmstead   NIMES NS95SE93   200020 654700     40   Greenfield   Farmstead   NIMES NS95SE93   200020 654850     41   Tarbrax, Easterhouse Farm   Findspot: Artefacts   NIMES NT05SW79   200080 654850     42   Greenfield   Coal Pits; Quarry   NIMES NT05SW73   200850 654850     43   Pool Colliery, Pit No.3   Coal Mine   NIMES NS95SE93   2007790 653800     44   Pool   Lime Kiln   NIMES NS95SE93   2007790 653800     45   Auchengray   Brick And Tile Works   NIMES NS95SE93   2007790 653800     46   Auchengray   Cottage   NIMES NS95SE93   2007790 653800     47   Hardgatchead   Coal Mine   NIMES NS95SE943   200780 65350     48   Eastsidewood   Coal Mine   NIMES NS95SE43   200780 65350     49   Oldmill / Dippool Water   Mill; Cottage   NIMES NS95SE41   200780 65250     49   Oldmill / Dippool Water   Mill; Cottage   NIMES NS95SE41   200780 65250	30	Pool	Coal Mines; Rig				, , , , , , , , , , , , , , , , , , , ,	298880 654530
Pool Colliery   Pool Pit Cotage   Names N99585139.1;   297800 654050   297800 654230   297800 653800   297800 654850   297800 653800   2978000 653800   297800 653800   297800 653800   297800 653800   297800 653800   297800 653800   297800 653800   297800 653800   297800 653800   297800 653800   297800 653800   297800 653800   2978	31	Wilsontown Junction	Buildings				,	299150 654520
33         tage / Hardgatehead         Cold Miller Corruge         WeSAS 19218         29/50/50420         29850/65400           34         Pool         Lime Kiln         NMRS NS955E42; WeSAS 1502         29850/654090         29850/654090         29850/654090         29850/654090         29850/654090         29850/654090         29850/654090         29850/654090         29850/654090         29850/654090         29850/654090         29850/654150         299580/654150         29850/654150         29850/654150         29850/654150         29850/654150         29850/654100         29850/654100         29850/654100         29850/654100         29850/654100         29850/654100         29850/654100         29850/654100         29850/654100         29850/654100	32	Pool Colliery						297850 654050
34	33		Coal Mine; Cottage					297850 654050
33   Aluchengray   Smithy   17502   299540 654250     36   Auchengray   School   NMRS N5955E47; WoSAS 19233   299520 654150     37   Auchengray Church   Church   B   NMRS N5955E9; 29958 654005     38   Benthead   Findspot: Stone   NMRS N595SE9; WoSAS 10822   29958 654005     39   Westertown / Greenfield   Farmstead   NMRS; WoSAS 20173   300300 654600     40   Greenfield   Farmstead   NMRS, NT05SW79; WoSAS 13922   300720 654700     41   Tarbrax, Easterhouse Farm   Findspot: Artefacts   NMRS NT05SW96; WoSAS 13920   30188 654830     42   Greenfield   Coal Pits; Quarry   NMRS NT05SW91; WoSAS 13902   301010 654440     43   Pool Colliery, Pit No.3   Coal Mine   NMRS NT955E92   297790 653800     44   Pool   Lime Kiln   NMRS NS955E43; WoSAS 17500   298573 653809     45   Auchengray   Brick And Tile   Works   NMRS NS955E45; WoSAS 17506   299030 653510     46   Auchengray   Cottage   NMRS NS955E45; WoSAS 17506   299030 653510     47   Hardgatehead   Coal Mine   NMRS NS95SE447; WoSAS 19245   299750 652680     48   Eastsidewood   Coal Mine   NMRS NS95SE447; WoSAS 19245   299750 652680     49   Oldmill / Dippool Water   Mill; Cottage   NMRS NS95SE447; WoSAS 19245   298450 652890     50   Muirhall, St. Mary   Magdalene's Church   Mill; Cottage   NMRS NS95SE5E97; WoSAS 19245   298450 652890     50   Muirhall, St. Mary   Magdalene's Church   NMRS NS95SE5E97; WoSAS 406000   298210 652520     50   Girdwoodend   Farmstead   NMRS NS95SE5E97; WoSAS 406000   298210 652520   29820 651630   29820 651630   29820 651630   29820 651000   298210 652520   29820 651630   29820 651000   298210 652520   29820 651000   29820 6510	34	Pool	Lime Kiln					298560 654090
36   Auchengray   School   WoSAS 19233   299520 654150     37   Auchengray Church   Church   B   WoSAS 10822   299585 654005     38   Benthead   Findspot: Stone   NMRS NTOSSW79; WoSAS 20173   300300 654600     39   Westertown / Greenfield   Farmstead   NMRS NTOSSW79; WoSAS 20173   300720 654700     40   Greenfield   Farmstead   NMRS NTOSSW73; WoSAS 13926     41   Tarbrax, Easterhouse Farm   Findspot: Artefacts   NMRS NTOSSW76   30188 654843     42   Greenfield   Coal Pits; Quarry   NMRS NTOSSW51; WoSAS 13920     43   Pool Colliery, Pit No.3   Coal Mine   NMRS NS95SE43; WoSAS 19220   297790 653800     44   Pool   Lime Kiln   NMRS NS95SE43; WoSAS 19220   297790 653800     45   Auchengray   Brick And Tile   Works   NMRS NS95SE45; WoSAS 17505   290030 653510     46   Auchengray   Cottage   NMRS NS95SE45; WoSAS 17505   290030 653510     47   Hardgatehead   Coal Mine   NMRS NS95SE47; WoSAS 19243   298170 653200     48   Eastsidewood   Coal Mine   NMRS NS95SE47; WoSAS 19245   297750 652600     49   Oldmill / Dippool Water   Mill; Cottage   NMRS NS95SE47; WoSAS 19245   298170 653200     50   Muirhall, St. Mary   Magdalene's Church   Church; Well   NMRS NS95SE465   299320 652550     50   Muirhall, St. Mary   Magdalene's Church   Church; Well   NMRS NS95SE40; WoSAS 10811   299320 652550     50   Girdwoodend   Farmstead   NMRS NS95SE560; WoSAS 108515   299320 651630   298210 652520   298210 6	35	Auchengray	Smithy					299540 654230
Sample   S	36	Auchengray	School					299520 654150
September   Axe   WoSAS 20173   S00000 693600	37	Auchengray Church	Church	В				299585 654005
17492   300/20 654700   17492   300/20 654700   17492   300/20 654700   17492   300/20 654700   17492   300/20 654700   17492   300/20 654700   17492   300/20 654700   17492   300/20 654700   17492   300/20 654700   17492   300/20 654850   17492   1749	38	Benthead						300300 654600
40 Greenfield stead WoSAS 13926 300850 654850 41 Tarbrax, Easterhouse Farm Findspot: Artefacts NMRS NT05SW96; WoSAS 13926 301188 654843 42 Greenfield Coal Pits; Quarry NMRS NT05SW51; WoSAS 13902 2010 653800 43 Pool Colliery, Pit No.3 Coal Mine NMRS NS95SE39.2; WoSAS 19220 297790 653800 44 Pool Lime Kiln NMRS NS95SE43; WoSAS 17503 298573 653809 45 Auchengray Brick And Tile Works NMRS NS95SE45; WoSAS 17503 299030 653580 46 Auchengray Cottage NMRS NS95SE45; WoSAS 17506 299030 653510 47 Hardgatehead Coal Mine NMRS NS95SE46; WoSAS 19243 298170 653200 48 Eastsidewood Coal Mine NMRS NS95SE46; WoSAS 19243 297750 652680 49 Oldmill / Dippool Water Mill; Cottage NMRS NS95SE48; WoSAS 19245 299320 652950 50 Muirhall, St. Mary Magdalene's Church; Well NMRS NS95SE51; WoSAS 10811 299320 652520 51 Crofthill Farmstead NMRS NS95SE59; WoSAS 40509 298210 652520 52 Girdwoodend Farmstead NMRS NS95SE59; WoSAS 40600 299320 651030	39	Westertown / Greenfield	Farmstead					300720 654700
41         Iarbrax, Easterhouse Farm         Findspot: Artefacts         WoSAS 52350         301188 634843           42         Greenfield         Coal Pits; Quarry         NMRS NT05SW51; WoSAS 13902         301010 654440           43         Pool Colliery, Pit No.3         Coal Mine         NMRS NS95SE39.2; WoSAS 19220         297790 653800           44         Pool         Lime Kiln         NMRS NS95SE43; WoSAS 17503         298573 653809           45         Auchengray         Brick And Tile Works         NMRS NS95SE45; WoSAS 17505         299030 653580           46         Auchengray         Cottage         NMRS NS95SE45; WoSAS 17506         299030 653510           47         Hardgatehead         Coal Mine         NMRS NS95SE47; WoSAS 179243         298170 653200           48         Eastsidewood         Coal Mine         NMRS NS95SE47; WoSAS 19244         297750 652680           49         Oldmill / Dippool Water         Mill; Cottage         NMRS NS95SE48; WoSAS 19245         298450 652890           50         Muirhall, St. Mary Magdalene's Church         Church; Well         NMRS NS95SE61; WoSAS 10811         299320 65250           51         Crofthill         Farmstead         NMRS NS95SE59; WoSAS 40600         299320 651630           53         Falla         Flagstaff         NMRS; Wo	40	Greenfield	1				1	300850 654850
42   Greenfield   Coal Pits; Quarry   WoSAS 13902   301010 654440     43	41	Tarbrax, Easterhouse Farm	Findspot: Artefacts				1	301188 654843
43         Pool Colliery, Pit No.3         Coal Mine         29/790 653800           44         Pool         Lime Kiln         NMRS NS95SE43; WoSAS 17503         298573 653809           45         Auchengray         Brick And Tile Works         NMRS NS95SE45; WoSAS 17505         299030 653580           46         Auchengray         Cottage         NMRS NS95SE45; WoSAS 17506         299030 653510           47         Hardgatehead         Coal Mine         NMRS NS95SE46; WoSAS 19243         298170 653200           48         Eastsidewood         Coal Mine         NMRS NS95SE47; WoSAS 19244         297750 652680           49         Oldmill / Dippool Water         Mill; Cottage         NMRS NS95SE48; WoSAS 19245         298450 652890           50         Muirhall, St. Mary Magdalene's Church         Church; Well         NMRS NS95SE60; WoSAS 40599         299320 652950           51         Crofthill         Farmstead         NMRS NS95SE59; WoSAS 40600         299320 651630           52         Girdwoodend         Farmstead         NMRS ; WoSAS         299820 651030	42	Greenfield	Coal Pits; Quarry				1	301010 654440
44         Pool         Lime Kiin         WoSAS 17503         2985/3 653809           45         Auchengray         Brick And Tile Works         NMRS NS95SE45; WoSAS 17505         299030 653580           46         Auchengray         Cottage         NMRS NS95SE45; WoSAS 17506         299030 653510           47         Hardgatehead         Coal Mine         NMRS NS95SE46; WoSAS 19243         298170 653200           48         Eastsidewood         Coal Mine         NMRS NS95SE47; WoSAS 19244         297750 652680           49         Oldmill / Dippool Water         Mill; Cottage         NMRS NS95SE48; WoSAS 19245         298450 652890           50         Muirhall, St. Mary Magdalene's Church         Church; Well         NMRS NS95SE1; WoSAS 10811         299320 652950           51         Crofthill         Farmstead         NMRS NS95SE59; WoSAS 40600         298210 652520           52         Girdwoodend         Farmstead         NMRS; WoSAS         299320 651630	43	Pool Colliery, Pit No.3	Coal Mine					297790 653800
45         Auchengray         Works         WoSAS 17505         299030 653580           46         Auchengray         Cottage         NMRS NS95SE45; WoSAS 17506         299030 653510           47         Hardgatehead         Coal Mine         NMRS NS95SE46; WoSAS 19243         298170 653200           48         Eastsidewood         Coal Mine         NMRS NS95SE47; WoSAS 19244         297750 652680           49         Oldmill / Dippool Water         Mill; Cottage         NMRS NS95SE48; WoSAS 19245         298450 652890           50         Muirhall, St. Mary Magdalene's Church         Church; Well         NMRS NS95SE1; WoSAS 10811         299320 652950           51         Crofthill         Farmstead         NMRS NS95SE59; WoSAS 40599         298210 652520           52         Girdwoodend         Farmstead         NMRS NS95SE59; WoSAS 40600         299320 651630           53         Falla         Flagstaff         NMRS ; WoSAS         299850 651030	44	Pool	Lime Kiln					298573 653809
46         Auchengray         Cottage         WoSAS 17506         299030 653510           47         Hardgatehead         Coal Mine         NMRS NS95SE46; WoSAS 19243         298170 653200           48         Eastsidewood         Coal Mine         NMRS NS95SE47; WoSAS 19244         297750 652680           49         Oldmill / Dippool Water         Mill; Cottage         NMRS NS95SE48; WoSAS 19245         298450 652890           50         Muirhall, St. Mary Magdalene's Church         Church; Well         NMRS NS95SE1; WoSAS 10811         299320 652950           51         Crofthill         Farmstead         NMRS NS95SE60; WoSAS 40599         298210 652520           52         Girdwoodend         Farmstead         NMRS NS95SE59; WoSAS 40600         299320 651630           53         Falla         Flagstaff         NMRS; WoSAS         299850 651030	45	Auchengray						299030 653580
47       Hardgatehead       Coal Mine       WoSAS 19243       298170 653200         48       Eastsidewood       Coal Mine       NMRS NS95SE47; WoSAS 19244       297750 652680         49       Oldmill / Dippool Water       Mill; Cottage       NMRS NS95SE48; WoSAS 19245       298450 652890         50       Muirhall, St. Mary Magdalene's Church       Church; Well       NMRS NS95SE1; WoSAS 10811       299320 652950         51       Crofthill       Farmstead       NMRS NS95SE60; WoSAS 40599       298210 652520         52       Girdwoodend       Farmstead       NMRS NS95SE59; WoSAS 40600       299320 651630         53       Falla       Flagstaff       NMRS; WoSAS       299850 651030	46	Auchengray	Cottage				· · · · · · · · · · · · · · · · · · ·	299030 653510
48         Eastsidewood         Coal Mine         WoSAS 19244         29/750 652680           49         Oldmill / Dippool Water         Mill; Cottage         NMRS NS95SE48; WoSAS 19245         298450 652890           50         Muirhall, St. Mary Magdalene's Church         Church; Well         NMRS NS95SE1; WoSAS 10811         299320 652950           51         Crofthill         Farmstead         NMRS NS95SE60; WoSAS 40599         298210 652520           52         Girdwoodend         Farmstead         NMRS NS95SE59; WoSAS 40600         299320 651630           53         Falla         Flagstaff         NMRS; WoSAS         299850 651030	47	Hardgatehead	Coal Mine					298170 653200
49         Oldmil / Dippool Water         Mill; Cottage         WoSAS 19245         298450 652890           50         Muirhall, St. Mary Magdalene's Church         Church; Well         NMRS NS95SE1; WoSAS 10811         299320 652950           51         Crofthill         Farmstead         NMRS NS95SE60; WoSAS 40599         298210 652520           52         Girdwoodend         Farmstead         NMRS NS95SE59; WoSAS 40600         299320 651630           53         Falla         Flagstaff         NMRS; WoSAS         299850 651030	48	Eastsidewood	Coal Mine					297750 652680
50         Magdalene's Church         Church; Well         WoSAS 10811         299320 632930           51         Crofthill         Farmstead         NMRS NS95SE60; WoSAS 40599         298210 652520           52         Girdwoodend         Farmstead         NMRS NS95SE59; WoSAS 40600         299320 651630           53         Falla         Flagstaff         NMRS; WoSAS         299850 651030	49	Oldmill / Dippool Water	Mill; Cottage					298450 652890
51         Crofffill         Farmstead         WoSAS 40599         298210 652520           52         Girdwoodend         Farmstead         NMRS NS95SE59; WoSAS 40600         299320 651630           53         Falla         Flagstaff         NMRS; WoSAS         299850 651030	50		Church; Well					299320 652950
52 Girdwoodend Farmstead WoSAS 40600 299320 651630  NMRS; WoSAS 299850 651030	51	Crofthill	Farmstead					298210 652520
	52	Girdwoodend	Farmstead				· · · · · · · · · · · · · · · · · · ·	299320 651630
	53	Falla	Flagstaff					299850 651030

HA No	Site Name	Site Type	Status	SAM No	Listed Building No	Reference No	Grid Reference
54	East Yardhouses	Rig				NMRS NT05SW35; WoSAS 13886	300400 651900
55	East Yardhouses	Ring-enclosure				NMRS NT05SW46; WoSAS 13897	300490 652090
56	East Yardhouses	Quarry				NMRS NT05SW44; WoSAS 13895	300660 651960
57	East Yardhouses	Rig				NMRS NT05SW36; WoSAS 13887	300800 652170
58	East Yardhouses	Findspot: Flint Scatter				NMRS NT05SW12; WoSAS 11154	300860 651940
59	Yardhouses	Findspot: Miscel- laneous Finds				NMRS NT05SW13; WoSAS 11155	300860 651940
60	East Yardhouses	Farmhouse; Farm- stead				NMRS NT05SW74; WoSAS 13927	300850 651950
61	East Yardhouses	Rig				NMRS NT05SW39; WoSAS 13890	301150 652050
62	East Yardhouses	Quarries				NMRS NT05SW69; WoSAS 13924	301240 651950
63	East Yardhouses	Quarries				NMRS NT05SW69; WoSAS 13924	301260 651920
64	East Yardhouses / Easter- yardhouse Hill	Farmstead; Corn- drying Kilns; Sheepfold				NMRS NT05SW27; WoSAS 12393	301350 651850
65	East Yardhouses	Rig; Sheepfold				NMRS NT05SW40; WoSAS 13891	301080 651490
66	Easteryardhouse Hill	Small Cairns				NMRS NT05SW41; WoSAS 13892	301550 651550
67	Wester Yardhouses	Souterrain	SAM	2615		NMRS NT05SW1; WoSAS 11151	300420 650790
68	Wester Yardhouses	Findspot: Flints				NMRS NT05SW2; WoSAS 11162	300500 650650
69	Wester Yardhouses	Cairn				NMRS NT05SW11; WoSAS 11153	300500 650700
70	Wester Yardhouses	Findspot: Flints				NMRS NT05SW24; WoSAS 11166	300500 650650
71	Wester Yardhouses	Village; Farmhouse; Farmstead	,			NMRS NT05SW75; WoSAS 13928	300550 650700
72	Wester Yardhouses / East Yardhouses	Rig				NMRS NT05SW34; WoSAS 13885	300550 651000
73	Wester Yardhouses / East Yardhouses	Rig				NMRS NT05SW34; WoSAS 13885	300720 651040
74	Wester Yardhouses	Enclosure; Small Cairns; 'Cup-mark- ings'				NMRS NT05SW16; WoSAS 11158	300780 650720
75	Wester Yardhouses	Enclosure; Small Cairns; 'Cup-mark- ings'				NMRS NT05SW16; WoSAS 11158	300850 650780
76	Easteryardhouse Hill	Quarries; Stone Troughs				NMRS NT05SW45; WoSAS 13896	301250 650850
77	Wester Yardhouses	Cairn (poss) etc				NMRS NT05SW22; WoSAS 4879	301400 651000
78	Easteryardhouse Hill	Buildings; Rig				NMRS NT05SW42; WoSAS 13893	301660 651150
79	East Yardhouses	Rig				NMRS NT05SW43; WoSAS 13894	301350 652550

80   Dykefoot   Sheepfolds   MMSS NTIDSW81   MSS NTIDSW83   MSS NTIDSW84   MSS	HA No	Site Name	Site Type	Status	SAM No	Listed Building No	Reference No	Grid Reference
1	80	Dykefoot	Sheepfolds					302140 652330
Boston Burn / Dykefoot   Cairm   NMRS NTOSSW93   202500 652680	81	Dykefoot	Building; Sheepfold				· ·	302370 652420
Roman road (possible)   0   0   NMRS RX 1; WoSAS   302400 652000	82	Lingy Knowe	Small Cairns					302580 652280
Boston Burn / Dykefoot   Buildings Cairns	83		Cairn				· · · · · · · · · · · · · · · · · · ·	302500 652060
South Tarbrax   Quarry   Nars NT05SW7; WoSAS 1904	84				0	0		302400 652000
Boston Cottage / Easter yardhouse Hill	85							302360 651980
South   Sout	86	Dykefoot Farm	Cairns				,	302350 652020
Seat Hill   Sheepfold (possible)   Sheepfold (possible)   Sheepfold (possible)   Sheepfold (possible)   NMRS NTOSSW7;   302690 651770   302950 652840   NMRS NTOSSW7;   302950 653570   NMRS NTOSSW7;   302950 653570   NMRS NTOSSW7;   302305 653570   NMRS NTOSSW62,   302350 653520   NMRS NTOSSW62,   302350 653600   NMRS NTOSSW62,   302500 653950   NMRS NTOSSW62,   302500 653400   NMRS NTOSSW62,   302500 654500   NMRS NTOSSW64;   302500 654500   NMRS NTOSSW64,   302500 654500   NMRS NTOSSW58,   302500 654500   NMRS NTOSSW57;   30200 654500   NMRS	87		Cottage					302050 651650
Seat Fill   Sible   WosAs 11169   S02290-0517/0   S02290-0515/0   S02290-051	88	Lingy Knowe						302510 651750
1	89	Seat Hill						302690 651770
South Tarbrax   Quarry   NNRS NTOSSW75;   302470 653570	90	Dykefoot						302950 652840
South Tarbrax   Quarry   WoSAS 19054   303470 653570	91	Lingy Knowe	Quarries (possible)				,	302700 651580
South Tarbrax   Scatter; Arrow-heads; Cannel Coal     94   South Tarbrax   Findspot: Pottery;   Worked Flint     95   Lawhead Croft   Cottage   NMRS NT05SW65;   WoSAS 13912     96   Lawhead House   Country House   NMRS NT05SW62.1;   WoSAS 13911     97   Lawhead House dovecot   Dovecot   C(S)   NMRS NT05SW62.1;   WoSAS 13917     98   Lawhead House   Findspot: Pottery   NMRS NT05SW62.3;   WoSAS 13919     99   Lawhead, The Lodge   Lodge   NMRS NT05SW62.3;   WoSAS 13919     100   Lawhead   Rig   NMRS NT05SW59;   WoSAS 13910     101   Dykehead   Rig   NMRS NT05SW64;   WoSAS 13910     102   Lawhead Farm   Farmhouse; Farmstead   Standard S	92	South Tarbrax	Quarry					303470 653570
South Farrax   Worked Flint   WoSAS 41170   303400 653610     95	93	South Tarbrax	Scatter; Arrow-					303510 653520
Social Service   Soci	94	South Tarbrax						303400 653600
100   Lawhead House   Country House   WoSAS 13911   302610 653960     100   Lawhead   Rig   NMRS NT05SW62, WoSAS 13910     101   Dykehead   Rig   NMRS NT05SW64; WoSAS 13910     102   Lawhead   Farmhouse; Farmstead   NMRS NT05SW63; WoSAS 13914     103   Lawhead   Tarbrax Church   Rig   NMRS NT05SW58; WoSAS 13910     104   Greenfield Burn / Maryfield Cottage   Rig   NMRS NT05SW59; WoSAS 13900     105   Tarbrax Church   Church   Church   NMRS NT05SW71; 302936 654960     106   Lawhead   Church   Church   NMRS NT05SW71; 302936 654960     107   NMRS NT05SW71; 302936 654960     108   Lawhead   Church   Church   NMRS NT05SW71; 302936 654960     109   Country   Church   Churc	95	Lawhead Croft	Cottage					302500 653950
97         Lawhead House dovech         Dovecot         C(S)         WoSAS 13917         302525 654995           98         Lawhead House         Findspot: Pottery         NMRS NT05SW97; WoSAS 52343         302500 654100           99         Lawhead, The Lodge         Lodge         NMRS NT05SW62.3; WoSAS 13913         302710 654270           100         Lawhead         Rig         NMRS NT05SW59; WoSAS 13910         303150 654330           101         Dykehead         Rig         NMRS NT05SW64; WoSAS 13919         303410 654310           102         Lawhead Farm         Farmhouse; Farmstead         NMRS NT05SW63; WoSAS 13914         302800 654500           103         Lawhead / Tarbrax Church         Rig         NMRS NT05SW58; WoSAS 13909         302560 654810           104         Greenfield Burn / Maryfield Cottage         Rig         NMRS NT05SW77; WoSAS 13908         302260 654960           105         Tarbrax Church         Church         NMRS NT05SW71; WoSAS 13925         302620 654960	96	Lawhead House	Country House					302610 653960
100   Lawhead House   Findspot: Pottery   WoSAS 52343   302500 654100     99	97	Lawhead House dovecot	Dovecot	C(S)				302525 654095
100   Lawhead   Rig   NMRS NT055W59; WoSAS 13910   303150 654330     101   Dykehead   Rig   NMRS NT055W64; WoSAS 13919   303410 654310     102   Lawhead Farm   Farmhouse; Farmstead   NMRS NT055W63; WoSAS 13914   302800 654500     103   Lawhead / Tarbrax Church   Rig   NMRS NT055W58; WoSAS 13909   302560 654810     104   Greenfield Burn / Maryfield Cottage   Rig   NMRS NT055W72; WoSAS 13908   302260 654960     105   Tarbrax Church   Church   Church   NMRS NT055W72; WoSAS 13925   302620 654960     106   Lawhead   Ouarry   NMRS NT055W71; 302930 654950	98	Lawhead House	Findspot: Pottery					302500 654100
100         Lawhead         Rig         WoSAS 13910         303150 654330           101         Dykehead         Rig         NMRS NT05SW64; WoSAS 13919         303410 654310           102         Lawhead Farm         Farmhouse; Farmstead         NMRS NT05SW63; WoSAS 13914         302800 654500           103         Lawhead / Tarbrax Church         Rig         NMRS NT05SW58; WoSAS 13909         302560 654810           104         Greenfield Burn / Maryfield Cottage         Rig         NMRS NT05SW57; WoSAS 13908         302260 654960           105         Tarbrax Church         Church         NMRS NT05SW72; WoSAS 13925         302620 654960           106         Lawhead         Ouarry         NMRS NT05SW71; 302930 654950	99	Lawhead, The Lodge	Lodge					302710 654270
101   Dykehead   Rig   WoSAS 13919   303410 654310     102   Lawhead Farm   Farmhouse; Farmstead   NMRS NT05SW63; WoSAS 13914   302800 654500     103   Lawhead / Tarbrax Church   Rig   NMRS NT05SW58; WoSAS 13909   302560 654810     104   Greenfield Burn / Maryfield Cottage   Rig   NMRS NT05SW57; WoSAS 13908   302260 654960     105   Tarbrax Church   Church   NMRS NT05SW72; WoSAS 13925   302620 654960     106   Lawhead   Ouarry   NMRS NT05SW71; 302930 654950     107   Lawhead   Ouarry   NMRS NT05SW71; 302930 654950     108   Lawhead   Ouarry   NMRS NT05SW71; 302930 654950     109   Lawhead   Ouarry   NMRS NT05SW71; 302930 654950     100   Lawhead   Ouarry   NMRS NT05SW71; 302930 654950     100   NMRS NT05SW71; 302930 654950   302930 654950   302930 654950     100   NMRS NT05SW71; 302930 654950   302930 654	100	Lawhead	Rig				· ·	303150 654330
102         Lawhead Farm         stead         WoSAS 13914         302800 654500           103         Lawhead / Tarbrax Church         Rig         NMRS NT05SW58; WoSAS 13909         302560 654810           104         Greenfield Burn / Maryfield Cottage         Rig         NMRS NT05SW57; WoSAS 13908         302260 654960           105         Tarbrax Church         Church         NMRS NT05SW72; WoSAS 13925         302620 654960           106         Lawhead         Ouarry         NMRS NT05SW71; 302930 654950	101	Dykehead	Rig					303410 654310
103         Lawhead / Tarbrax Church         Rig         WoSAS 13909         302360 654810           104         Greenfield Burn / Maryfield Cottage         Rig         NMRS NT05SW57; WoSAS 13908         302260 654960           105         Tarbrax Church         Church         NMRS NT05SW72; WoSAS 13925         302620 654960           106         Lawhead         Ouarry         NMRS NT05SW71; 302930 654950	102	Lawhead Farm	· ·					302800 654500
104         field Cottage         NMSAS 13908         302200 654960           105         Tarbrax Church         NMRS NT05SW72; WoSAS 13925         302620 654960           106         Lawbead         Ouarry         NMRS NT05SW71; 302930 654950	103	Lawhead / Tarbrax Church	Rig				· ·	302560 654810
105 Tarbrax Church WoSAS 13925 302620 654960  106 Lawbead Ouarry NMRS NT05SW71; 302930 654950	104		Rig				· ·	302260 654960
	105	Tarbrax Church	Church					302620 654960
	106	Lawhead	Quarry					302930 654950

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### MWFL08

HA No	Site Name	Site Type	Status	SAM No	Listed Building No	Reference No	Grid Reference
107	Lawhead	Quarry-pits				NMRS NT05SW67; WoSAS 13922	303150 654860
108	Tarbrax / Tarbrax, Shale-oil Works	Village; Rig Culti- vation				NMRS NT05NW10.1; WoSAS 14960	302750 655250
109	Tarbrax, Shale-oil Works	Shale oil works				NMRS NT05NW10.0; WoSAS 14050	302510 655650