

**Langholm Survey, Buccleuch Estates,
Dumfries and Galloway**

Data Structure Report (Revised)

by Katie Sludden and Kevin Paton

2nd February 2008



Rathmell

Archaeology Ltd

Quality Assurance

This report covers works which have been undertaken in keeping with the issued brief as modified by the agreed programme of works. The report has been prepared in keeping with the guidance of Rathmell Archaeology Limited on the preparation of reports. All works reported on within this document have been undertaken in keeping with the Institute of Field Archaeology's Standards and Policy Statements and Code of Conduct.

Signed Date

In keeping with the procedure of Rathmell Archaeology Limited this document and its findings have been reviewed and agreed by an appropriate colleague:

Checked Date

Copyright Rathmell Archaeology Limited. All rights reserved.

No part of this report may be copied or reproduced by any means without prior written permission from Rathmell Archaeology Limited. If you have received this report in error, please destroy all copies in your possession or control and notify Rathmell Archaeology Limited.

This report has been prepared for the exclusive use of the commissioning party and unless otherwise agreed in writing by Rathmell Archaeology Limited, no other party may use, make use of or rely on the contents of the report. No liability is accepted by Rathmell Archaeology Limited for any use of this report, other than the purposes for which it was originally prepared and provided.

Opinions and information provided in the report are on the basis of Rathmell Archaeology Limited using due skill, care and diligence in preparation of the same and no explicit warranty is provided as to their accuracy. It should be noted and it is expressly stated that no independent verification of any of the documents or information supplied to Rathmell Archaeology Limited has been made.

Contents

1 Overview	3
2 Project Works	3
3 Findings: Survey	6
4 Discussion	15
5 Conclusion	22
6 References	23
Appendix 1: Brief for Archaeological Survey	24
Appendix 2: Registers	28
Appendix 3: Discovery & Excavation in Scotland	41
Contact Details	42
<i>Figure & Tables</i>	
Fig. 1 Survey Areas	5
Fig. 2 Example of Clearing and exclusion Buffer	7
Fig. 3 Site Photographs	16
Fig. 4 Barngliesh Plantation	18
Fig. 5 Cockplay & Kerr (North) Plantation	19
Fig. 6 Cockplay & Kerr (South) Plantation	20
Fig. 7 Caulside Plantation	21
Table 1 Known Sites	8
Table 2 Newly Identified Sites	12
<i>Annexes within DVD</i>	
Annex A: shp Files	
Annex B: Images from the Survey	
Annex C: Survey Sketch Plans and Notes	

1 Overview

- 1.1 This Data Structure Report presents the findings of a programme of archaeological survey works commissioned by Buccleuch Woodlands in respect of three proposed woodland planting schemes around Langholm, Dumfries & Galloway. The archaeological survey works are designed to determine the nature, form and extent of the known archaeology and to propose areas to be preserved as open ground in future planting schemes.
- 1.2 Buccleuch Woodlands have, through negotiation with Dumfries & Galloway Council and their advisors, the Dumfries & Galloway Council Archaeological Service, agreed the structure of archaeological work required. This work should comprise a survey of the identified known archaeological sites and a reporting of their character with the proposed areas for preservation within any subsequent planting scheme.
- 1.3 The three study areas (see Figure 1) will be referred to as Caulside, Barngliesh and Cockplay & Kerr. Cockplay & Kerr is the largest of the three areas combining the land north (Cockplay) and south (Kerr) of an ancient track-way (Site MDG 10436). Caulside is located immediately north of the B6367, 6.1 kilometres east of the A7. Barngliesh and Cockplay & Kerr are located west of the A7 bounded by the B7068 to the north and the B6357 to the south. These areas are separated by a minor road running from Ryehills to Bloch Well. The estimated combined area of the proposed scheme comprises 1124 hectares of land.
- 1.4 The archaeological survey works were designed to mitigate the impact on any archaeological remains located within the proposed plantation scheme and were carried out on a consistent basis between the 12th January 2009 and 14th January 2009. Rathmell Archaeology Ltd (Rathmell) was appointed by Buccleuch Estates to carry out the survey works.
- 1.5 The Dumfries and Galloway Council Archaeological Service who advises Dumfries and Galloway Council on archaeological matters, provided guidance on the character of archaeological works required for the survey of this plantation scheme. This took the form of a *Brief* which outlined the appropriate level of recording of each site within the development boundary (See Appendix 1).

2 Project Works

- 2.1 The identified known sites were provided by the Dumfries and Galloway Council Archaeological Service within a *Brief* outlining the appropriate mitigation for each site. This brief is reproduced in Appendix 1.
- 2.2 The necessary tasks can be broken into two distinct aspects: refinement of the existing baseline of the archaeological resource through survey and the identification of recommendations in support of the planting scheme.
- 2.3 The initial Site Boundary was refined and Dumfries and Galloway Archaeological Service was provided with the resulting new site boundary. It was found that several sites that were considered to be affected by this proposal lay out-with the new boundary and could be excluded from the walkover survey. Conversely three new sites not included within the Dumfries and Galloway Council Archaeological Service's *Brief* were now included since they lay on the periphery of the site boundary and may have been affected by the proposed plantation scheme. The Dumfries and Galloway Archaeological Service advised that these sites should be visited to assess potential impacts upon them. Some were found to lay wholly out-with the scheme. However when they were found to extend within the boundary the survey team were required to record the site appropriately with consideration of a non-planting buffer zone.
- 2.4 A desk-based assessment of the three areas effectively exists through survey work previously undertaken by the RCAHMS and AOC Archaeology Group, as compiled by Dumfries & Galloway Council Archaeological Service. Hence, no additional assessment works to identify new sites were specifically undertaken; rather the existing information was used to inform the

survey of each planting area.

- 2.5 Some existing documentation, historical maps and vertical aerial photographs were reviewed prior to the walkover survey to assist in the recognition of site extent on the ground. Several potential features were identified in the landscape and were visited during the walkover survey. Many of these were found to be natural or agricultural in nature but occasionally archaeological structures were identified and surveyed as potential new archaeological sites. Where possible, the identified archaeological sites within each planting area were surveyed in accordance with the *Brief*.
- 2.6 This comprised undertaking landscape survey of the upstanding archaeological remains which included:
- (i) using a Leica GS50+ GPS system utilising beacon correction to provide OS grid coordinates with sub-half metre accuracy, sufficient for 1:1250 depiction to define the limits of all monuments and define their key characteristics. The survey mapped the main elements of each site, taking care to define the outer limits of the visible site;
 - (ii) images and a written description of each site were taken to support the characterisation of the site.
- 2.7 The survey works took place between the 12th January 2009 and the 14th January 2009. Works commenced on the 12th January on Caulside with the field team working east to west. Each area took roughly a day to complete depending on ground conditions. None of the areas were vastly overgrown or waterlogged but at times access to certain sites were difficult due to wet gorse, streams, frequent large drainage ditches and fence-lines.
- 2.8 Where possible, each site was sketch-planned and described on A4 waterproof permatrace. These plans are listed in the Drawing Register in Appendix 2 and are provided in digital format appended to this volume. The survey is also represented by various photographs of each site, general landscape shots and working shots, which are also listed in Appendix 2 and presented in digital format in Annex B appended to this volume. Some illustrative examples of these photographs have also been included within this text (see Figures 3.1-3.8).
- 2.9 During the landscape survey the field team considered the appropriate scale of the area to be retained as unplanted. This was done either by identifying an appropriate buffer or by mapping a distinct landscape unit. The identification of the recommended area to be retained as unplanted was also made with a view to retaining that portion of ground which is thought most likely to contain any non-visible elements of the site.
- 2.10 By default a 20m buffer was considered to protect the visible elements of the site from the Plantation Scheme. Where the buffer extended beyond a physical boundary such as a severe drop or a stream, this 20m buffer may have been reduced or extended to suit the physical environment. An example of this can be seen in Figure 2 where the buffer has been reduced to meet a modern road. Moreover where several sites such as those in Figure 2 were located in proximity to one another the area of non-plantation may have been extended to create an area of proposed clearing.
- 2.11 Dumfries and Galloway Council Archaeology Service provided geo-referenced shape-files of each known site and also the probable extents of those sites in an 'Area of Interest' shape-file. These boundaries have also been taken into consideration when evaluating the areas recommended for exclusion from afforestation. They were evaluated on the ground and generally found to be a reliable depiction of the limits of the known sites. They were also especially significant when physical structures were not decipherable within the landscape since the lack of these structures within this survey may inform on the level of deterioration of the archaeological resource over time.
- 2.12 All work was undertaken in accordance with the brief and complied with the Institute of Field Archaeology's Standards and Policy Statements and Code of Conduct and Historic Scotland Policy Statements.

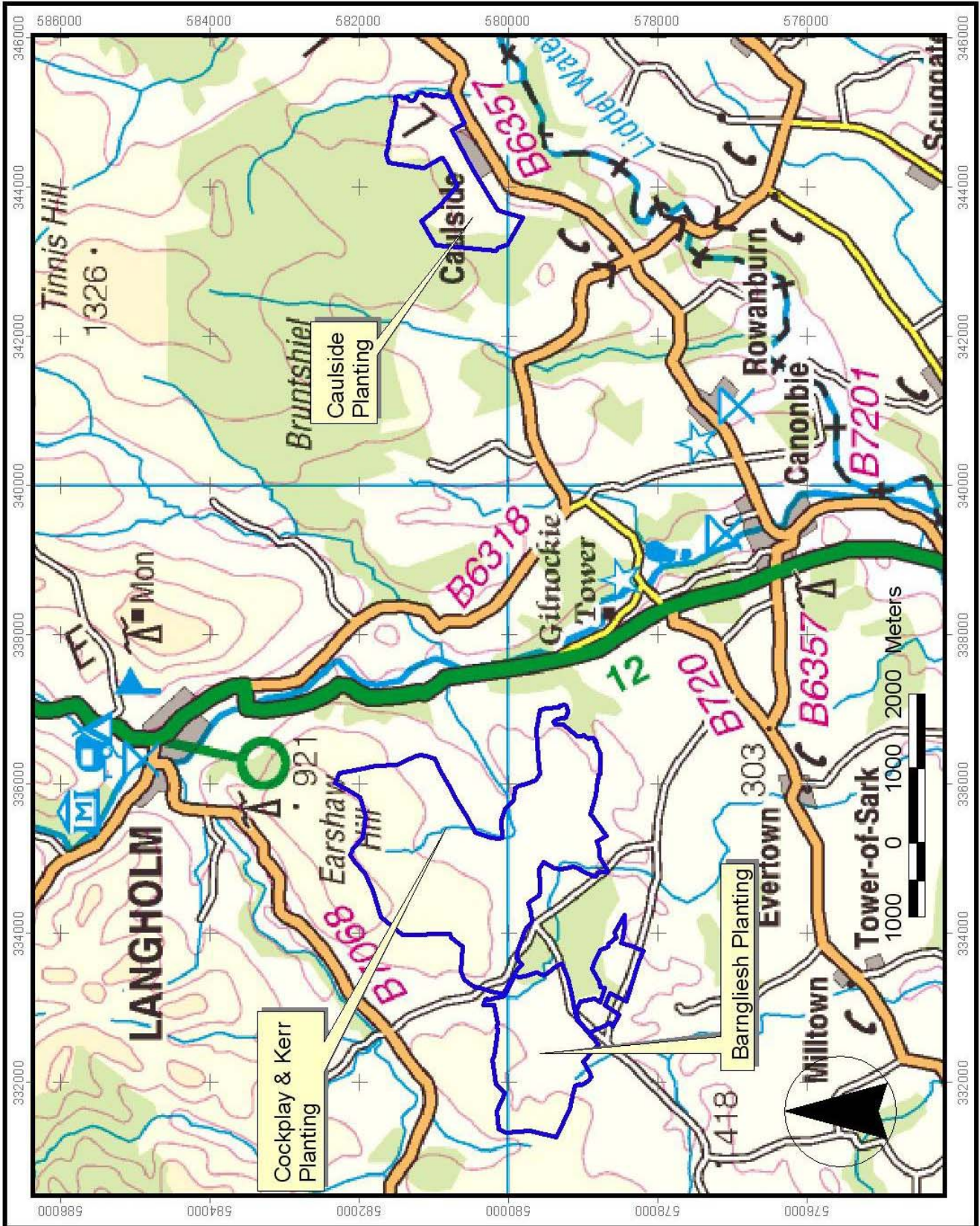


Figure 1: Survey Areas around Langholm, Dumfries & Galloway

3 Findings: Survey

3.1 *Interpreting the Survey Data*

3.1.1 Appended at the rear of this report is a CD which contains a sequence of shape-files. These provide the detailed spatial information on site extent and recommendations concerning buffers and clearings. The data is divided into four shp files:

- (i) Site elements: the DGPS survey data of features visible on the ground during the survey, comprising buildings, banks, earthworks etc (presented as polyline and point shp files);
- (ii) Site extent: the inferred limit of the archaeological site. This limit was devised so as to include the surveyed site elements as well as the ground where, in the judgement of the surveyors, sub-surface elements related to the site may survive;
- (iii) Exclusion buffer: the buffer zone which should be excluded from planting to avoid inadvertent impact or encroachment on the archaeological site. Typically this buffer is set at 20m from the Site Extent limit, except where the physical environment has led to an alternative recommendation;
- (iv) Proposed clearings: on a few occasions a recommended boundary is proposed for the retention of a larger clearing area. Such a clearing normally seeks to protect an inter-relationship between sites which is best served by such a larger non-planted area which provides a sympathetic setting.

3.1.2 The exclusion buffer and suggested clearings constitute our recommendations for archaeological mitigation in the event of the planting proceeding. Confirmation that these recommendations are acceptable should be confirmed with the appropriate heritage bodies prior to the implementation of any works whose appropriateness may rely on these recommendations.

3.1.3 Planting design and forestry working practice should meet established industry standards for the integration and maintenance of archaeological sensitive areas in keeping with Forests & Archaeology Guidelines (Forestry Authority 1995).

3.2 *Exemplar*

3.2.1 The example in Figure 2 illustrates that those sites thought worthy of retention are surrounded by an exclusion buffer of non-planting. Normally these would be set 20m out from the Site Extent, however the southern exclusion buffer around MDG7843 is limited to the edge of the public road. Exclusion zones are limited where there is unlikely to be an adverse impact from planting within 20m, typically as the result of abrupt physical obstacles such as bodies of water, or a stream, roadway or similar feature.

3.2.2 The assessment determined that MDG10175 would not on its own merit require protection from any planting regime. However, the protected sites (MDG7843; Site 339) are in close proximity and would benefit, in terms of their setting and context, from being within a larger clearing within any planting scheme. Hence we have suggested such a larger clearing, which would also encompass lesser associated sites.

3.3 *The Sites*

3.3.1 The information on which the interpretative zoning and proposed clearing has been made is presented in Tables 1 (Known Sites) and 2 (Newly Identified Sites). The first table is for the known archaeological sites which have unique identifiers according to the Dumfries and Galloway Sites and Monuments Record. The second table has been formed for the newly identified sites. They are uniquely numbered according to the DGPS survey identifier they were attributed. They are also marked with this identifier, usually Site Number, in the shape-files for the archaeological structures (banks, features, walls etc) which are provided with the other digital information for this volume (see Annex A).

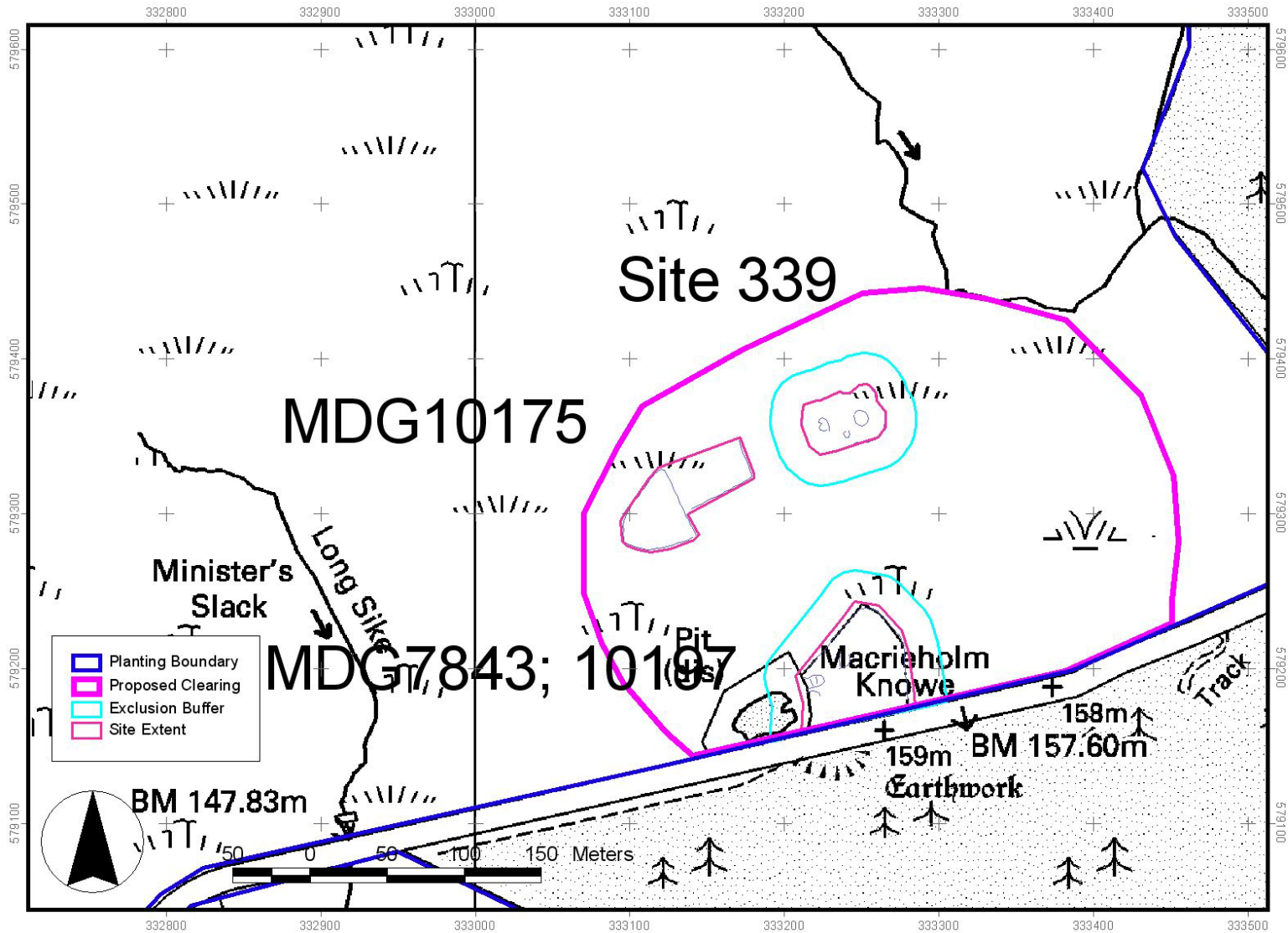


Figure 2: Example of Suggested Clearing with Buffer Zones and Physical Limits. The proposed clearing encompasses sites which do not require non-planting in their own merit but when grouped with the other sites would benefit from a clearing to maintain their context and setting.

Table 1: Known Sites

Details of each site can be seen in the original survey sketch plans. These are referred to in Annex C and are numbered according to their Sheet number in the drawing record.

MONUID	NMRS REF	NAME	TYPE	NGRE	NGRN	D&G Required Action	Survival/ Condition	Retain? i.e. required action versus recommended action.	20m buffer or otherwise? i.e. Recommended Area of Non-Planting	Within Boundary?	DGPS Surveyed?	Planned?	Photos?	Clearing?
MDG10174	NY37NW16	Kerr Plantation	Plantation Bank	333440	579420	No need to retain	Fair. Gorse coverage over 40% of site.	N	N/A	Y	N	N	Y	N
MDG10175	NY37NW17	Minister's Slack	Field	333120	579310	No need to retain	Good. Location near MDG7843 and new site 339 to the east suggests benefit to retention if possible.	N	N/A.	Y	Y	Y	Y	Y
MDG10176	NY37NW18	Blough Sike	Enclosure	332060	579450	Locate, Plan. Define area of interest for non-planting. Assess results of field survey. Possibly retain in open ground.	Good. North corner obscured by gorse. Recommend retain.	Y	20m buffer including slope down to stream to the south.	Y	Y	Y	Y	N
MDG10194	NY37NW27	Kerr	Ring Enclosure; Pen; Rig	334900	579300	Locate, determine if within site boundary. If yes then record.	Good. Thick grasses cover site. Recommend retain.	Y	20m buffer around physical limits of ring enclosure, enclosure and dyke.	Y	Y	Y	Y	N
MDG10197	NY37NW30	Macrieholm Knowe	Enclosure; Ring Enclosure	333331	579234	Locate, map. Define Area of interest for non-planting. Retain in open ground as associated with enclosure MDG 7843 and adjacent to public road.	Indiscernible. Heavy gorse across entirety of site. Infer overlap with MDG7843, protect through recommended clearing.	Y	Protect through recommended clearing centred on MDG7843.	Y	N	N	Y	Y
MDG10199	NY37NW32	Hall Burn / Barnglieshead	Field Boundary; Ridge and Furrow	332100	579100	Identify and map extent of area of interest. Appears to be poorly preserved.	Good. Occasional animal burrowing and some 5% gorse cover. Recommend retain.	Y	20m buffer around physical limits of mapped enclosures bounded by stream to the north and fence-line to the west.	Y	Y	Y	Y	N

Data Structure Report – RA08058 Langholm Survey, Dumfries and Galloway

MONUID	NMRS REF	NAME	TYPE	NGRE	NGRN	D&G Required Action	Survival/ Condition	Retain? i.e. required action versus recommended action.	20m buffer or otherwise? i.e. Recommended Area of Non-Planting	Within Boundary?	DGPS Surveyed?	Planned?	Photos?	Clearing?
MDG10366	NY38SW50/0	Rowantree Sike	Rig and Furrow; Field Boundary; Building; Boundary	334900	580400	Validation of AOC survey	Survey by AOC sound.	N	N/A	Y	N	N	Y	N
MDG10367	NY38SW50/1	Rowantree Sike	Building	334892	580427	Locate, Plan. Define Area of interest for non-planting. Retain in open ground.	Good. Some 5% gorse cover.	Y	20m buffer around mapped extent.	Y	Y	Y	Y	N
MDG10368	NY38SW50/2	Rowantree Sike	Building	334920	580380	Locate, Plan. Define Area of interest for non-planting. Retain in open ground.	Good. 5% Gorse coverage.	Y	20m buffer around mapped extent.	Y	Y	Y	Y	N
MDG10374	NY38SW57	Viewy Knowe	Cairnfield	332351	580050	Locate, Plan. Define Area of interest for non-planting. Retain in open ground.	Fair. Only one cairn found. Covered in moss and grass (though see Sites 301-3)	Y	20m buffer around mapped extent.	Y	Y	Y	Y	N
MDG10375	NY38SW58	Viewy Knowe	Cord Rig	332650	580052	Locate Plan / map. Define Area of interest for non-planting. Potentially retain in open ground if these features can be identified.	Indiscernible. Heavy gorse across entirety of site. Recommend not to retain.	N	N/A	Y	N	N	Y	N
MDG10430	NY38SE59	Rowantree Sike	Bloomery	335080	580550	Records suggest in poor condition. If located assess worthy of preservation.	Almost indiscernible, but possible sluice in stream so recommend retain.	Y	20m buffer around mapped extent.	Y	Y	Y	Y	N
MDG10431	NY38SE60	Irvine Moss	Ridge and Furrow	335700	580800	Validation of AOC survey	Surveyed by AOC sound.	N	N/A	Y	N	N	Y	N
MDG10432 /MDG10433	NY38SE61	Docken Beck / Old Irvine	Enclosure	336341	581225	Consider leaving area between streams out of planting or low density broadleaves.	Good.	Y	20m buffer around mapped extent.	Y	Y	Y	Y	N

Data Structure Report – RA08058 Langholm Survey, Dumfries and Galloway

MONUID	NMRS REF	NAME	TYPE	NGRE	NGRN	D&G Required Action	Survival/ Condition	Retain? i.e. required action versus recommended action.	20m buffer or otherwise? i.e. Recommended Area of Non-Planting	Within Boundary?	DGPS Surveyed?	Planned?	Photos?	Clearing?
MDG10437	NY38SE66	Docken Beck	Ridge and Furrow; Bank (Earthwork)	336300	581000	Validation of AOC survey	Survey by AOC sound	N	N/A	Y	N	N	Y	N
MDG10566	NY48SW27	Millgill Burn	Kiln?	343380	580510	Locate, Plan. Define Area of interest for non-planting. Retain in open ground.	Fair.	Y	20m radius up to mapped possible track way but bounded by streams to the southeast and southwest.	Y	Y	Y	Y	N
MDG10567	NY48SW28	Millgill Burn	Building	343500	580150	Locate, Plan. Define Area of interest for non-planting. Retain in open ground.	Good. Entranceway obscured by gorse.	Y	20m buffer around mapped extent.	Y	Y	Y	Y	N
MDG10568	NY48SW29	Caulside / Bankhead Plantation	Rig and Furrow	344200	580600	Identify and map extent of area of interest. Does not appear to be good example. Unlikely to be requirement to preserve.	Good. Low grassed occasional trees. Some animal burrowing. Robbed out stones. Recommend not to retain.	N	N/A	Y	Y	Y	Y	N
MDG10569	NY48SW30	Millgill Burn	Lazy Beds; Rig and Furrow	343300	580300	Identify and map extent of area of interest. Does not appear to be good example. Unlikely to be requirement to preserve.	Almost indiscernible. . Recommend not to retain.	N	N/A	Y	Y	Y	Y	N
MDG10570	NY48SW31	Caulsidehead	Enclosure	344930	580920	Locate, plan. Assess condition. Probably retain in open ground or low density planting?	Good. 25% Gorse, truncated by drainage along east edge. Recommend retain.	Y	20m buffer around mapped extent.	Y	Y	Y	Y	N
MDG13193		Blochwell	Farmstead	333140	580300	Locate, determine if within site boundary. If yes then record.	Indiscernible. Improved ground. May have been lost.	-	-	N	N	N	Y	N

MONUID	NMRS REF	NAME	TYPE	NGRE	NGRN	D&G Required Action	Survival/ Condition	Retain? i.e. required action versus recommended action.	20m buffer or otherwise? i.e. Recommended Area of Non-Planting	Within Boundary?	DGPS Surveyed?	Planned?	Photos?	Clearing?
MDG7843	NY37NW2	Macrieholm Knowe / Barngleish	Rig and Furrow; Enclosure	333227	579164	Locate, Plan. Define Area of interest for non-planting. Retain in open ground.	Cattle track is eroding badly on the north face of the slope. 1/2 of the visible rise has been removed by a quarry. The N-S fence-line is also falling away into the quarry. Internal buildings are possibly robbed out. Gorse over 15% of the visible site.	Y	20m buffer around mapped extent.	Y	Y	Y	Y	Y
MDG7956	NY38SE11	Old Irvine / Burian Hill	Cultivation Terrace; Cairn	336300	581700	Locate, determine if within site boundary. If yes then record.	Good but truncated by farm plant movement on the southwest access. Recommend retain.	Y	20m buffer around mapped outer extent.	Y	Y	Y	Y	Y
MDG8144	NY48SE11	Ryeleahead / Chapel Knowe	Chapel	345178	581302	Plan. Retain in open ground. No planting on east side of Muir burn.	Good. Dun-like improved ground. Steep slope on the west side suggests unlikely to extend westwards.	-	-	N	N	N	Y	N
MDG8149	NY48SW12	Bankhead / Bankhead Farm	Building	344800	581400	Locate, Plan. Define Area of interest for non-planting. Retain in open ground.	Fair. Gorse over 30% of the site. Borrow pit in northeast corner.	Y	20m buffer around mapped extent.	Y	Y	Y	Y	Y
MDG8712	NY37NW13	Kerrbush/ Kerr	Bloomery	334810	579820	Locate, Plan. Define Area of interest for non-planting. Retain in open ground.	Almost indiscernible.	Y	20m buffer around mapped extent.	Y	Y	Y	Y	N
MDG8713	NY37NW14	Kerrbush / Kerr	Bloomery	334560	579580	Locate, Plan. Define Area of interest for non-planting. Retain in open ground.	Fair. Some Gorse coverage.	Y	20m buffer around mapped extent.	Y	Y	Y	Y	N

Table 2: Newly Identified Sites

Site UID (GPS ID)	Area	Description	Survival/Condition	Retention? i.e. recommended action.	20m buffer or otherwise? i.e. Recommended Area of Non-Planting.	Within Boundary?	DGPS Surveyed?	Planned?	Photos?	Clearing?
102	Caulside	Turf Enclosure. 40-50m by 70m, enclosure bank 1.85m wide by 250mm high. Near MDG8149	Fair. Truncated at west end by track which runs east to west through enclosure? 10% Gorse. Recommend retain due to close association with MDG8149.	Y	20m buffer around mapped extent.	Y	Y	Y	Y	Y
104	Caulside	Possible Quarry; 160m southeast of MDG 10570. In existing undulation, 7m wide by 15m long on brow of hill.	Grassed over. Cattle tracks heavily erode eastern slope access. Sparse gorse.	N	N/A	Y	Y	Y	Y	N
110	Caulside	Turf wall. Some 2.2m wide by 650mm high, up to 190m long. Near Site 111.	Good. Occasionally eroded away.	N	N/A	Y	Y	Y	Y	N
111	Caulside	Turf wall. 1.8m wide by 400mm high up to 140m long. Near Site 110.	Good. Occasionally eroded away.	N	N/A	Y	Y	Y	Y	N
202	Cockplay and Kerr	Turf wall. 1.5-2m wide up to 80m long. Near Site MDG10194.	Good. Occasionally eroded away. Recommend retain due to close association with MDG10194.	Y	20m buffer around this site incorporated with buffer around MDG10194	Y	Y	Y	Y	N
209/210	Cockplay and Kerr	Quarry. 60-70m long by 35-40m wide. Located 50m north of medieval track way.	Good. Gorse 10% coverage.	N	N/A	Y	Y	Y	Y	N
211	Cockplay and Kerr	Quarry east of stream and east of Site 212. 20m wide by 30m long by 1.1m deep.	Good but waterlogged.	N	N/A	Y	Y	Y	Y	N
212	Cockplay and Kerr	Probable sheep fold west of stream and west of Site 211. 40m wide by 50m long by 1.6m high. Upstanding drystone walls, both external and internal but ruinous.	Good but northeast side collapsing into stream.	N	N/A	Y	Y	Y	Y	N
219	Cockplay and Kerr	Area of Cultivation terraces associated with MDG7956. Each terrace roughly rectangular, 10m by 8m.	Good. Low mosses and short grass coverage.	-	-	N	Y	Y	Y	Y

Site UID (GPS ID)	Area	Description	Survival/ Condition	Retention? i.e. recommend ed action.	20m buffer or otherwise? i.e. Recommen ded Area of Non- Planting.	Within Boundary?	DGPS Surveyed?	Planned?	Photos?	Clearing?
220	Cockplay and Kerr	Area of possible cord rig in southwest corner. 210mm wide by 110mm high up to 300mm apart.	Truncated by farm plant movement. 60% Gorse coverage.	-	.	N	Y	Y	Y	Y
221-223	Cockplay and Kerr	Old farm track way runs into cord rig 220 and gorse then disappears. 2.1m wide by 12m long by 200-300mm wide by 100mm deep.	Truncated by farm plant movement. 60% Gorse coverage.	N	N/A	Y	Y	Y	Y	Y
327	Barngliesh	Turf wall. 1.5m wide by 450mm high up to 45m long. To SE of Site 112.	Good. Occasionally eroded away.	N	N/A	Y	Y	Y	Y	N
339	Barngliesh	Possible unenclosed settlement. At least four possible structures (three circular hollows and a mound) spread across a 45m length. Located between MDG10175 and MDG10174 on rise.	15% Gorse. Possibly robbed away and looks like quarrying. Quality of site such as to recommend retention.	Y	20m buffer around physical extents.	Y	Y	Y	Y	Y
301	Barngliesh	Possible cairn located near two others of similar size and shape in a 30m by 40m by 40m triangle. 300mm high by 4m diameter.	Stones exposed in places, covered in turf and moss. Possible associated with MDG10374, recommend retention.	Y	20m buffer around physical extents.	Y	Y	Y	Y	N
302	Barngliesh	Possible cairn located near two others of similar size and shape in a 30m by 40m by 40m triangle. 300mm high by 4m by 2m	Stones exposed in places, covered in turf and moss. Possible associated with MDG10374, recommend retention.	Y	20m buffer around physical extents.	Y	Y	Y	Y	N
303	Barngliesh	Possible cairn located near two others of similar size and shape in a 30m by 40m by 40m triangle. 300mm high by 4m diameter.	Stones exposed in places, covered in turf and moss. Possible associated with MDG10374, recommend retention.	Y	20m buffer around physical extents.	Y	Y	Y	Y	N
304	Barngliesh	Possible track way located 85m northwest of trio of cairns sites 301-303	Covered in gorse and mostly truncated away.	N	N/A	Y	Y	Y	Y	N

- 3.3.2 The tables are set out to briefly describe the sites as they were encountered and give an impression of their current condition. The sites have been recorded in more detail on A4 permatrace as well as being surveyed using the DGPS. The data fields in Tables 1 and 2 (above) also relate to the recommended action to take place on each site such as recommendation for retention and creation of a clearing around several sites. These recommendations are depicted in Figures 4 to 7.
- 3.3.3 Table 1 contains information on the required action to be taken on each known site. The fields should be cross-referenced in order to appreciate how the decisions to retain have been reached. These may be in action of a Dumfries and Galloway requirement (see Appendix 1) or as a result of the condition of the site being such that it qualified for retention. Whenever a site had a requirement to be retained but whose physical extents were indiscernible were included, wherever possible, within a clearing so that at least some portion of the site may be preserved.
- 3.3.4 There are some extra notes required on several sites within the proposed plantation scheme. The first site is the medieval track-way which bisects Cockplay and Kerr: MDG10436. This has not been listed within the scope of these survey works but a large portion of the site was seemingly removed during previous works (see AOC Archaeology report 20644). Large sections of the track-way have been replaced with modern 'type 1' and built up with new drainage ditches on either side.
- 3.3.5 Generally speaking the sites that have not been retained are either not visible, highly eroded or truncated, overgrown or not good examples of their type. The majority of the non-retained sites are post-medieval agricultural systems. In only one instance was potential prehistoric activity not fully retained - this was an area of possible Cord Rig at Site MDG10375.
- 3.3.6 It seems prudent to note here that the current ground conditions reflect an increase in vegetative growth over the archaeological sites recorded by the Royal Commission Inspectorate. The previous surveys suggest clear upstanding remains and topographically identifiable sub-surface remains such as Prehistoric Cord-Rig. The findings of this survey may then, indicate a significant deterioration in the archaeological resource in recent times. The deterioration of these sites and monuments may be exacerbated by the change of use of the land since the original surveys and the reversion of the land back to rough grazing. This discovery suggests that further mitigation in terms of ground management over these archaeological sites may be advantageous to the preservation of the archaeological resource which exists therein before further deterioration takes place.
- 3.3.7 There is one area of proposed clearing in each of the three plantation schemes (this does not reflect a policy, simply the potential of the sites present to benefit from this response). There are nineteen known sites where we have sustained or recommended retention with a minimum 20m exclusion buffer. There are also six newly identified sites (Sites 102, 202, 301, 302, 303 & 339) where we have recommended retention with the exclusion buffer.

4 Discussion

- 4.1 The walkover survey confirmed the existence of a total of twenty seven known Archaeological Sites and encountered seventeen previously unknown archaeological structures within the proposed planting areas. Generally, these represented examples of post-medieval rural settlement and agricultural use of the land, including several turf walls and old field boundaries. All survived as upstanding remains, though their condition varied markedly, with some upstanding to a height of approximately 0.5m, while others were virtually impossible to identify amongst dense vegetation growth.
- 4.2 On occasion newly identified remains would be within the proximity of existing prehistoric Sites. Those found at Site 301-303 and those at Site 339 all suggest that some areas of prehistoric activity may extend beyond that previously examined. All those monuments identified survived as upstanding remains, in an area which appears never to have been subject to intensive land use, either in recent years or in earlier periods. This would suggest that any substantial archaeological remains which had once been present in the area (e.g. burnt mounds, cairns, hut circles) would still survive as visible features which could be identified in the field.
- 4.3 *AOC Archaeology survey sites*
- 4.3.1 Three of the identified archaeological sites within the plantation areas had previously been surveyed by AOC Archaeology (MDG10366, MDG10431, MDG10437) and the remit in the brief was to validate their survey extents and assess for whether they should be retained. In each case we found that the survey boundaries identified by AOC Archaeology were sound boundaries for Site Extent while the condition and character of the sites were such as to not warrant retention.
- 4.4 *Old Irvine*
- 4.4.1 The settlement of Old Irvine predominantly lies out-with the planting scheme, being focused on the mapped settlement structure shown on the Ordnance Survey. Associated field systems have been surveyed crossing into the planting area (MDG7956) on the east side of Docken Burn. In addition a series of enclosures, agricultural remains and turf structures were previously known to the west of Docken Burn – again partly in the planting area (MDG10432, 10433 and 10437). The combination of these structures and systems is clearly significant and inter-relates with the settlements to the east of Docken Burn.
- 4.4.3 On balance we have recommended that all these remains should be retained and protected from planting. Further, the significance of the range of monuments associated with Old Irvine (the majority of which lie out-with the proposed planting area which has already been designed to avoid its previously known extent) have led to our recommendation of a slightly larger clearing on this eastern boundary to maintain the remains within an appropriate setting.
- 4.5 *Viewy Knowe, Cairnfield MDG10374*
- 4.5.1 Survey of the location of the 'cairnfield' located only a solitary cairn – even through survey conditions were suitable for the location of comparable monuments. Due to the attribution of 'cairnfield' to this monument a progressively larger portion of the surrounding landscape was fieldwalked for cairns.
- 4.5.2 The fieldwalking led to the identification of an additional three cairns (Sites 301-3) which were comparable in character and clustered close together but located some 350m to the east of MDG10374. As such these cairns were surveyed individually and treated as separate sites rather than as a coherent cairnfield. However, the three new cairns (Sites 301-3) are close enough together that the exclusion buffers applied merge to form a single area – safeguarding any ephemera in proximity to them.



Fig. 3.1: MDG10568 Ruinous Byre



Fig. 3.2: Site 302 Cairn



Fig. 3.3: Erosion from Quarry at MDG7843



Fig. 3.4: Site 339 unenclosed settlement



Fig. 3.5: MDG 10175 towards MDG7843



Fig. 3.6: Site 339 Banked hollow



Fig. 3.7: Animal burrowing at Site 339



Fig 3.8: Cultivation terraces at MDG7956

4.5.3 This smaller clearing at Sites 301-3 may also allow a section of cord rig at MDG10375 to be retained. This cord rig could not be identified during the walkover survey and hence we have not sustained the recommendation for it to be retained on its own merit.

4.6 *Macrieholm Knowe*

4.6.1 The area in the vicinity of Macrieholm Knowe (see Figure 2) contained a number of identified sites; of which two were recommended for retention (MDG7834) or assessment for retention (MDG10197). During the survey the majority of the sites were readily identified and surveyed, excepting that the eastern extent of MDG10197 was heavily covered in gorse and no elements of this field system could be confidently identified beyond the common site extent mapped as MDG7834 / MDG10197.

4.6.2 In addition, some 40m east of MDG10175 (an enclosure not recommended for retention in the *Brief*) an unenclosed settlement on a rise comprising at least four structures was located (Site 339). This apparent Medieval or Later Rural Settlement may well have been contemporaneous with the adjacent enclosure and does appear to be a new site (rather than a nearby site having erroneous location information). The quality and character of this is such that while not covered by the *Brief* we recommend its retention.

4.6.3 Overall the area around Macrieholm Knowe appears to have a complexity of upstanding archaeology which acquires a group value exceeding the individual merits of each separate site. Hence in this area we have recommended that Buccleuch Woodlands consider the merit of a larger clearing which would safeguard the archaeology within an appropriate setting and context.

4.7 *Bankhead Enclosures*

4.7.1 The original Brief identified two turf buildings at Bankhead (MDG8149) for retention, although the survey identified an enclosure at the location and an additional enclosure to the east (Site 102). The ground conditions (significant gorse and reed cover) were less than suitable for the location of turf structures and the grid location quoted derived from a six figure grid reference. Hence the field team infer the first mapped enclosure to be a site which encompasses the elements of MDG8149.

4.7.2 The association of these two enclosures, their condition and location all suggest that they are suitable candidates for retention with an exclusion buffer. Further, given the residual uncertainty surrounding the location of the turf houses we have recommended that consideration is given to a larger clearing which would allow the retention of the enclosure in an appropriate setting. The proposed clearing encompass the quoted grid reference for the turf buildings.

4.8 *Chapel MDG8144*

4.8.1 There is the site, marked 'Chapel' on the Ordnance Survey, along the eastern edge of the boundary at Caulside (MDG8144). This ground lies beyond the proposed planting area.

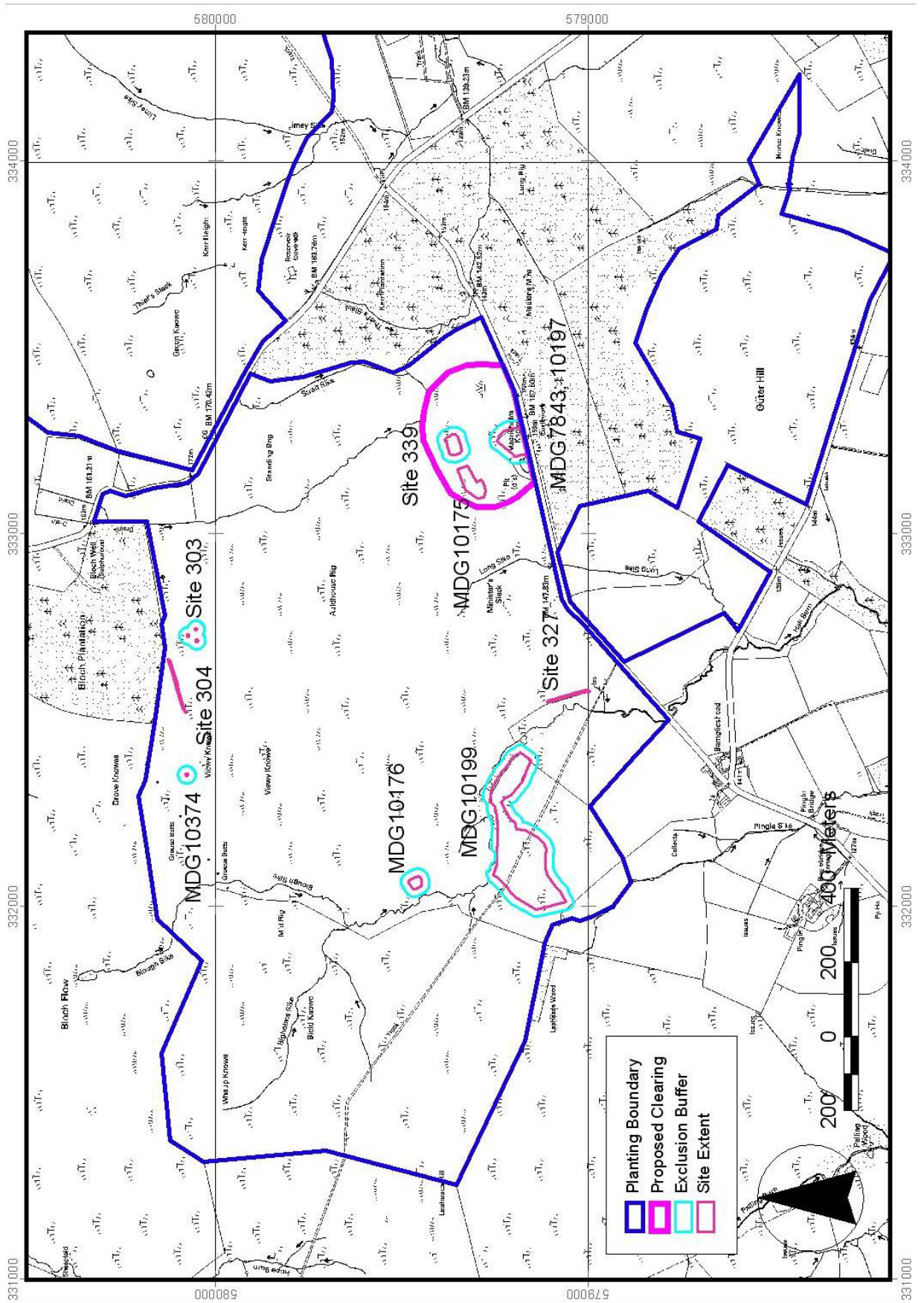


Figure 4: Barngliesh Plantation

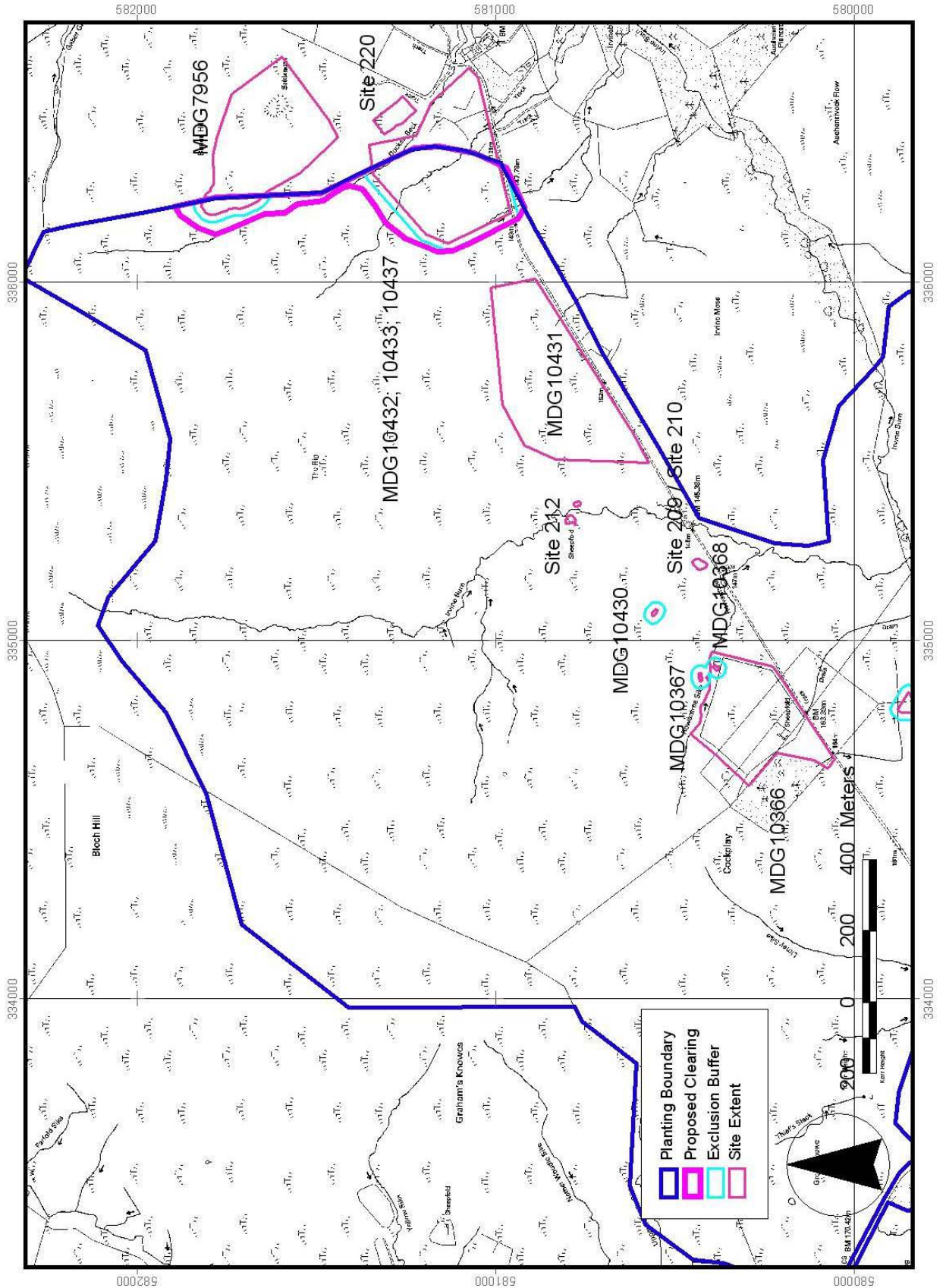


Figure 5: Cockplay & Kerr Plantation (North)

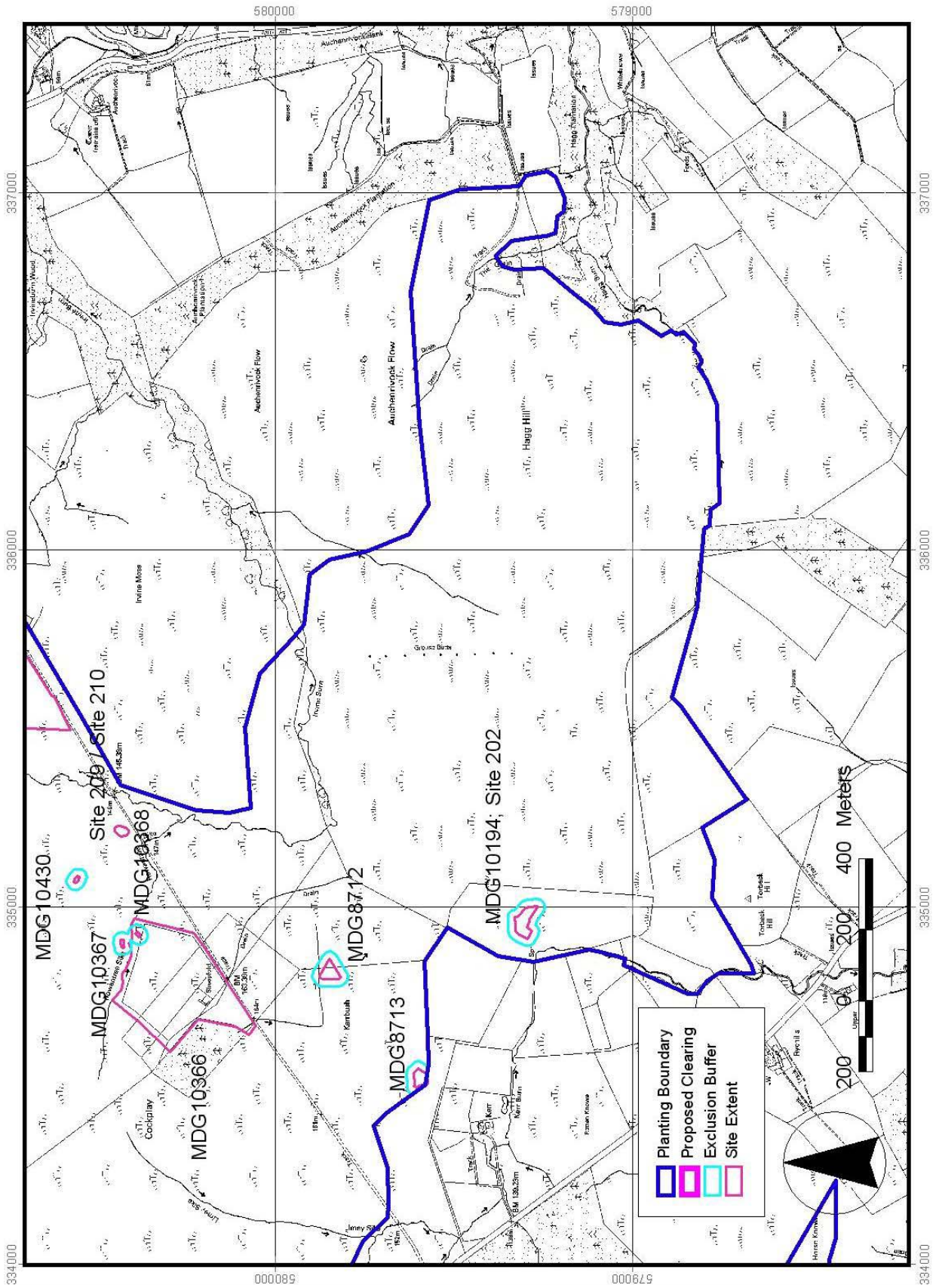


Figure 6: Cockplay & Kerr Plantation (South)

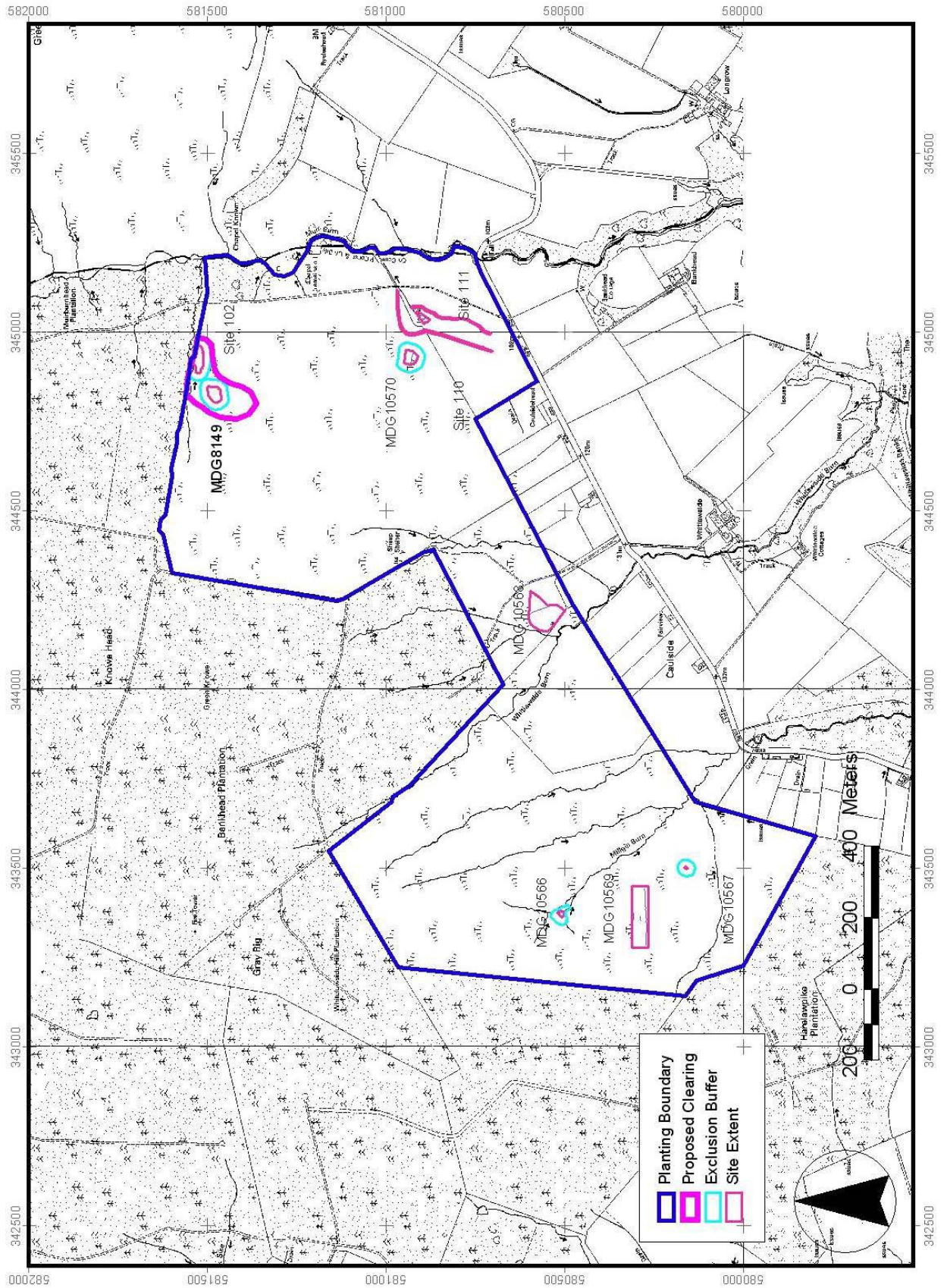


Figure 7: Caulside Plantation

5 Conclusion

- 5.1 A programme of archaeological survey works was undertaken in respect of three proposed woodland planting schemes around Langholm, Dumfries & Galloway. The archaeological survey works are designed to determine the nature, form and extent of the known archaeology and propose areas to be preserved as open ground in future planting schemes. The archaeological works were carried out during January 2009.
- 5.2 There is one area of proposed clearing in each of the three plantation schemes (this does not reflect a policy, simply the potential of the sites present to benefit from this response). There are nineteen known sites where we have sustained or recommended retention with a minimum 20m exclusion buffer. There are also six newly identified sites (Sites 102, 202, 301, 302, 303 & 339) where we have recommended retention with the exclusion buffer.
- 5.3 Recommendations for the preservation *in-situ* of these significant sites have been made in keeping with best practice.

6 References

Documentary

- | | | |
|-------------------------|---------|---|
| Bran, Jane | 2009 | <i>Brief for an Archaeological Survey to inform proposed planting at Caulside and Auchenvivock, Langholm, Dumfries and Galloway</i> , Dumfries and Galloway Archaeological Service. |
| Donaldson, Rev. James, | 1834-45 | <i>Parish of Canonbie, Dumfries</i> . New Statistical Accounts of Scotland, p483-498. |
| Forestry Authority | 1995 | <i>Forests & Archaeology</i> , Guidelines. |
| Fouracre, Lynne | 2007 | <i>Skipper's Bridge, Langholm: Scottish Water Solutions Pipeline Walkover Survey Report</i> , AOC Archaeology Group. AOC Report 20644. |
| Martin, Rev. Thomas | 1791-9 | <i>Parish of Langholm, Dumfries</i> . Statistical Accounts of Scotland, p, p587-614. |
| Ordnance Survey | 1855 | <i>Name Book</i> , Dumfries and Galloway. |
| Russel, Rev. John, | 1791-9 | <i>Parish of Canoby, Dumfries</i> . Statistical Accounts of Scotland, p407-432. |
| Shaw, Rev. W.B, | 1834-45 | <i>Parish of Langholm, Dumfries</i> . New Statistical Accounts of Scotland, p416-428. |
| SODev | 1994 | <i>National Planning Policy Guideline 5, Archaeology and planning</i> , Scottish Office Development Department. |
| SOEnv | 1994 | <i>Planning Advice Note 42, Archaeology</i> , Scottish Office Environmental Department. |
|
<i>Cartographic</i> | | |
| Bleau, J. | 1654 | <i>Evia et Escia Scotis, Evsdail et Eskdail / Auct.</i> (Eskdale - Bleau's Atlas of Scotland) |
| Moll, H | 1732 | <i>Anandale: is Part of Dumfreis Shire. Eusdale or Eskdale and Liddesdale is the South Part of Roxburgh Sh. / H. Moll</i> |
| Ordnance Survey | 1861 | <i>One-inch to the Mile Maps of Scotland, 1st Edition</i> . Sheet 10, Dumfries. |
| Ordnance Survey | 1862 | <i>Six-inch 1st Edition Ordnance Survey</i> , Sheet XLV, Dumfriesshire. |
| Ordnance Survey | 1911 | <i>3rd Edition Ordnance Survey</i> , Sheet 14, Dumfriesshire, 1:10,560 |
| Roy, William | 1747-55 | <i>Military Survey of Scotland</i> |

Appendix 1: Brief for Archaeological Survey

Brief for an archaeological survey to inform proposed planting at Cauldside and Auchenrivock, Langholm, Dumfries and Galloway

Buccleugh estates are proposing to establish substantial new woodlands at 3 locations that lie south of Langholm, Dumfries and Galloway. These are at Cauldside, Auchenrivock West, and Auchenrivock East .

The area was surveyed by RCAHMS in the 1980's. A good record of sites of interest therefore exists and there is no need for a full walk over survey. However locational information for identified sites in most cases simple point data and no plans of features, that are necessary to identify the extents of areas of interest associated with these features, exist. The exception to this is Auchenrivock East where the extent of areas of rig and furrow have recently been mapped (see AOC Skippers Bridge). Maps 1, 2 and 3, enclosed identify the point locations of features recorded in NMRS and Dumfries and Galloway Sites and Monuments Record and the areas of interest noted by AOC at Auchenrivock East..

In order to progress the planting scheme an archaeological survey is required to enhance information on the already identified sites.

A data and location maps of known sites as recorded in the Council Sites and Monuments Record has been supplied to Buccleuch Estates. For these sites the survey is required to:

- locate, and accurately map at 1:10000
- plan features at appropriate scale (1:1250 or 1:2500 metres).
- propose areas of interest for non-planting. The attached note is an initial desk based assessment of the survey requirements of the known features and their potential for preservation as open ground in the future planting scheme.
- supply 2 hard copies of written report of survey , including maps of findings and an electronic copy
- report survey via OASIS

Any queries on the scope of the survey should be discussed with Jane Brann, Archaeologist, Planning and Environment, Dumfries and Galloway Council, Newall Terrace, Dumfries. Telephone 01387 260154.

Attached:

Maps 1-3
Initial assessment of recorded sites

Buccleuch Estates Langholm area woodland planting proposals

Archaeological survey needs and initial assessment of archaeological preservation needs. Results of field survey may result in revisions.

Cauldside/Tinnisburn: Archaeology. See Map 1.

MDG 8144 Chapel on east side of Muir Burn.
Plan. Retain in open ground. No planting in meander on east side of Muir Burn..

MDG 8149 Turf covered footings of two buildings.
Locate, plan. Define area of interest for non planting Retain in open ground.

MDG 10570 Enclosure.
Locate, plan. Assess condition. Probably retain in open ground or low density planting ?

MDG 10568 Rig and furrow and turf banks.
Identify and map extent of area of interest. Not good example. Unlikely to be requirement to retain. Note:turf banks will be retained in the proposed open broadleaf woodland along burn side .

MDG 10566 Remains of kiln.
Locate, plan. Define area of interest for non planting Retain in open ground.

MDG 10567 Building footings.
Locate, plan. Define area of interest for non planting Retain in open ground.

MDG 10569 Rig and furrow and improved ground.
Identify and map extent of area of interest. Does not appear to be good example. Unlikely to be requirement to preserve.

Auchenrivock Western block of planting – See map 2.

MDG 10374 Cairnfield on Viewy Knowe.
Locate, plan. Define area of interest for non planting Retain in open ground.

MDG 10375 Cord rig
Locate, plan/map. Define area of interest for non planting Potentially retain in open ground if these features can be identified.

MDG 10174 Plantation bank.
No requirement to preserve.

- MDG 10175** Area of improved ground on knoll.
No requirement to preserve.
- MDG 10197** Cultivation remains on knoll beside quarry.
Locate, map. Define extent of area of interest for non planting. Retain in open ground as associated with enclosure MDG 7843 (see below), and adjacent to public road.
- MDG 7843** Enclosure defined by bank and ditch to east of quarry.
Locate, plan. Define area of interest for non planting Retain in open ground.
- MDG 10176** Turf banked enclosures.
Locate, plan. Define area of interest for non planting Assess results of field survey, possibly retain in open ground.
- MDG 10199** Rig and furrow and turf banks
Identify and map extent of area of interest Appears to be poorly preserved.
Unlikely to be requirement to retain in open ground.
- Auchenrivock** Eastern block of planting – see map 3.
- MDG 8712** Bloomery
Locate, plan. Define area of interest for non planting Retain in open ground.
- MDG 8713** Bloomery
Locate, plan. Define area of interest for non planting. Retain in open ground.
- MDG 10368** Building
Locate, plan. Define area of interest for non planting. Retain in open ground.
- MDG 10367** Building
Locate, plan. Define area of interest for non planting Retain in open ground.
- MDG 10366** Rig and furrow and turf banks.
Identify and confirm extent of area of interest as mapped by AOC. Assess, but appears to be poorly preserved.
Unlikely to be requirement to retain.
- MDG 10430** Bloomery
Records suggest in poor condition. If located assess whether worthy of preservation.

MDG 10431 Rig and Furrow.
Identify and confirm extent of area of interest as mapped by AOC. Assess , but appears to be poorly preserved.
Unlikely to be requirement to retain.

MDG 10437 Rig and furrow.
Identify and confirm plan extent of area of interest as mapped by AOC. Assess , but appears to be poorly preserved.
Unlikely to be requirement to retain.

MDG 10432 Two enclosures and **MDG 10433** turf walled buildings
Locate, plan. Define area of interest for non planting .These features are located between two stream courses. Record suggests other features may exist in the vicinity e.g. turf banks.
Consider leaving area between streams out of planting or low density broadleaves.

MDG 10436, 21994 and **21038**, refer to course of the old road and bridges/culverts along it. This will be retained as forest road. No need to survey.

Appendix 2: Registers

Photographic Register

Image No.	Digital	Description	From	Date
1	1	ID Shot	-	12/01/09
2	2	Site MDG 10568 Barn (stone)	NW	12/01/09
3	3	Site MDG 10568 Barn (stone)	NNW	12/01/09
4	4	Site MDG 10568 Enclosure Bank (W)	SSW	12/01/09
5	5	Site MDG 10568 Barn (stone)	WSW	12/01/09
6	6	Site MDG 10568 Barn (stone) close up	WSW	12/01/09
7	7	Site MDG 10568 Barn (stone)	N	12/01/09
8	8	Site MDG 10568 Eastern Gable End	NE	12/01/09
9	9	Site MDG 10568 Enclosure Bank (E)	SSE	12/01/09
10	10	General Shot MDG 10568	E	12/01/09
11	11	Looking just North of MDG 10568	ESE	12/01/09
12	12	Bank to E of MDG 10568	N	12/01/09
13	13	Bank to E of MDG 10568 running E	W	12/01/09
14	14	Track up to Forest E of MDG 10568	SSE	12/01/09
15	15	Track up to Forest E of MDG 10568	SW	12/01/09
16	16	Track up to Forest E of MDG 10568	NNE	12/01/09
17	17	General Shot MDG 10568	ENE	12/01/09
18	18	General Shot MDG 10568	ENE	12/01/09
19	19	General Shot MDG 10568	ENE	12/01/09
20	20	General Shot looking NNE of gate at site 10568	SSW	12/01/09
21	21	General Shot looking toward MDG 8144	W	12/01/09
22	22	General Shot looking south of MDG 8144	N	12/01/09
23	23	General Shot looking toward MDG 8144 close up	W	12/01/09
24	24	Tracks through site 8149/site 102	WSW	12/01/09
25	25	Tracks through site 8149/site 102	WSW	12/01/09
26	26	Enclosure walls site 8149	SW	12/01/09
27	27	Enclosure walls site 8149 Reed Grass	W	12/01/09
28	28	Site 8149 (nearby enclosure) clearing	-	12/01/09
29	29	Site 8149 (nearby enclosure) clearing	-	12/01/09
30	30	Site 8149 (nearby enclosure) wall	N	12/01/09
31	31	Site 8149 (nearby enclosure) close up of stones	N	12/01/09

Image No.	Digital	Description	From	Date
32	32	Site 8149 (nearby enclosure) close up of stones	N	12/01/09
33	33	Site 102 enclosure wall	SE	12/01/09
34	34	Site 103 enclosure wall	-	12/01/09
35	35	Site 104 enclosure wall	-	12/01/09
36	36	Site 104 enclosure wall	-	12/01/09
37	37	Toward West edge of tree line	E	12/01/09
38	38	Toward east edge of site	W	12/01/09
39	39	Natural undulations and stream site 105	SSW	12/01/09
40	40	Quarry pit/borrow pit site 105	WSW	12/01/09
41	41	Site 105 quarry	SW	12/01/09
42	42	Site 105 quarry	W	12/01/09
43	43	Site 105 Downhill	N	12/01/09
44	44	Site 105/106	NNW	12/01/09
45	45	Enclosure wall (107?)	ENE	12/01/09
46	46	Enclosure wall (107?)	WSW	12/01/09
47	47	Break in 107	NW	12/01/09
48	48	Corner of MDG 10570	WSW	12/01/09
49	49	Corner of MDG 10570	WSW	12/01/09
50	50	North (enclosure) side of MDG 10570	W	12/01/09
51	51	West side of MDG 10570	S	12/01/09
52	52	South side of MDG 10570	W	12/01/09
53	53	Interior of MDG 10570	SE	12/01/09
54	54	Interior of MDG 10570	SE	12/01/09
55	55	Turf walls 110	ENE	12/01/09
56	56	Turf walls 111	WSW	12/01/09
57	57	MDG 10567 turf walled house	-	12/01/09
58	58	MDG 10567 turf walled house	-	12/01/09
59	59	MDG 10567 turf walled house	-	12/01/09
60	60	Turf wall – site 113	NW	12/01/09
61	61	Turf wall – site 113	SE	12/01/09
62	62	Interior of Site 113 – lack of rig	SSE	12/01/09
63	63	MDG 10569 – lack of rig	W	12/01/09
64	64	MDG 10569 – lack of rig	E	12/01/09
65	65	MDG 10569 – lack of rig	N	12/01/09
66	66	MDG 10569 – lack of rig	W	12/01/09

Image No.	Digital	Description	From	Date
67	67	MDG 10566 – Kiln site	S	12/01/09
68	68	MDG 10566 – Kiln site	NNE	12/01/09
69	69	MDG 10566 – Kiln site	NW	12/01/09
70	70	MDG 10566 – Kiln site	N	12/01/09
71	71	General shot of MDG 10566 with track	SSE	12/01/09
72	72	General shot of MDG 10566 with track	SSE	12/01/09
73	73	General shot of MDG 10566 with track	SE	12/01/09
74	74	General shot of medieval house location	WSW	13/01/09
75	75	Cairn 301	-	13/01/09
76	76	Cairn 301	ESE	13/01/09
77	77	Cairn 301	E	13/01/09
78	78	Cairn 303	N	13/01/09
79	79	Cairn 303	N	13/01/09
80	80	Cairn 303	SSW	13/01/09
81	81	Cairn 303	S	13/01/09
82	82	Cairn 302	E	13/01/09
83	83	General shots of area – no archaeology	WNW	13/01/09
84	84	General shots of area – no archaeology	E	13/01/09
85	85	General shots of area – no archaeology	W	13/01/09
86	86	General shots of area – no archaeology	N	13/01/09
87	87	General shots of area – no archaeology	S	13/01/09
88	88	General shots of area – no archaeology	-	13/01/09
89	89	General shots of area – no archaeology	-	13/01/09
90	90	General shots of area – no archaeology	-	13/01/09
91	91	General shots of area – no archaeology	S	13/01/09
92	92	Pheasant Butts	E	13/01/09
93	93	Cairn 304	SW	13/01/09
94	94	Cairn 304	NE	13/01/09
95	95	Cairn 304	SW	13/01/09
96	96	Possible track	SW	13/01/09
97	97	Possible track	NE	13/01/09
98	98	Possible track	SW	13/01/09
99	99	Tracks	-	13/01/09
100	100	Enclosure and Rig site MDG 10199	-	13/01/09
101	101	Enclosure and Rig site MDG 10199	-	13/01/09

Image No.	Digital	Description	From	Date
102	102	Enclosure and Rig site MDG 10199	-	13/01/09
103	103	Enclosure and Rig site MDG 10199	-	13/01/09
104	104	Enclosure and Rig site MDG 10199	-	13/01/09
105	105	Enclosure and Rig site MDG 10199	-	13/01/09
106	106	Enclosure and Rig site MDG 10199	-	13/01/09
107	107	Enclosure and Rig site MDG 10199	SE	13/01/09
108	108	Enclosure and Rig site MDG 10199	-	13/01/09
109	109	Enclosure and Rig site MDG 10199	-	13/01/09
110	110	Enclosure and Rig site MDG 10199	-	13/01/09
111	111	Enclosure and Rig site MDG 10199	-	13/01/09
112	112	Enclosure and Rig site MDG 10199	-	13/01/09
113	113	Enclosure and Rig site MDG 10199	-	13/01/09
114	114	Enclosure and Rig site MDG 10199	-	13/01/09
115	115	Access track	N	13/01/09
116	116	Turf wall – extension of MDG 10199	-	13/01/09
117	117	Rig – extension of MDG 10199	-	13/01/09
118	118	Extension of MDG 10199	-	13/01/09
119	119	Extension of MDG 10199	-	13/01/09
120	120	Extension of MDG 10199	-	13/01/09
121	121	Extension of MDG 10199	-	13/01/09
122	122	Extension of MDG 10199	-	13/01/09
123	123	Extension of MDG 10199	-	13/01/09
124	124	Extension of MDG 10199	-	13/01/09
125	125	Extension of MDG 10199	ENE	13/01/09
126	126	Extension of MDG 10199	-	13/01/09
127	127	Extension of MDG 10199	-	13/01/09
128	128	Extension of MDG 10199	-	13/01/09
129	129	Extension of MDG 10199	-	13/01/09
130	130	Extension of MDG 10199	-	13/01/09
131	131	Extension of MDG 10199	-	13/01/09
132	132	Extension of MDG 10199	-	13/01/09
133	133	Extension of MDG 10199	-	13/01/09
134	134	Extension of MDG 10199	-	13/01/09
135	135	Enclosure MDG 10176	SSW	13/01/09
136	136	Enclosure MDG 10176	ENE	13/01/09

Image No.	Digital	Description	From	Date
137	137	Enclosure MDG 10176	E	13/01/09
138	138	Enclosure MDG 10176	SW	13/01/09
139	139	Enclosure MDG 10176	SSW	13/01/09
140	140	Enclosure MDG 10176	ESE	13/01/09
141	141	Enclosure MDG 10176	SE	13/01/09
142	142	Enclosure MDG 10176	N	13/01/09
143	143	Enclosure MDG 10176	NNW	13/01/09
144	144	Enclosure MDG 10176	NNW	13/01/09
145	145	Enclosure MDG 10176	NW	13/01/09
146	146	Enclosure MDG 10176	NNE	13/01/09
147	147	Enclosure MDG 10176	NW	13/01/09
148	148	Enclosure MDG 10176	NW	13/01/09
149	149	Enclosure MDG 10176	NW	13/01/09
150	150	General shot towards river from MDG 10176	NNW	13/01/09
151	151	Enclosure MDG 10176	SE	13/01/09
152	152	Enclosure MDG 10176	WSW	13/01/09
153	153	General landscape around MDG 10176	S	13/01/09
154	154	General landscape around MDG 10176	SW	13/01/09
155	155	General landscape around MDG 10176	SSE	13/01/09
156	156	Turf dyke 327	W	13/01/09
157	157	Break in dyke 327	W	13/01/09
158	158	Turf dyke 327	WSW	13/01/09
159	159	Looking NW over track	SE	13/01/09
160	160	General shot looking SW over track	NE	13/01/09
161	161	General shot from site MDG 10197	ESE	13/01/09
162	162	General shot from site MDG 10197	SE	13/01/09
163	163	General shot from site MDG 10197	SE	13/01/09
164	164	General shot from site MDG 10197	S	13/01/09
165	165	General shot from site MDG 10197	W	13/01/09
166	166	MDG 10197 enclosure bank	ENE	13/01/09
167	167	MDG 10197 enclosure bank	SW	13/01/09
168	168	MDG 10197 enclosure bank	WNW	13/01/09
169	169	MDG 10197 enclosure bank	SW	13/01/09
170	170	MDG 10197 enclosure bank	S	13/01/09
171	171	MDG 10197 enclosure bank	-	13/01/09

Image No.	Digital	Description	From	Date
172	172	MDG 10197 enclosure bank	-	13/01/09
173	173	Erosion into Quarry	-	13/01/09
174	174	Hollows within MDG 10197	-	13/01/09
175	175	Hollows within MDG 10197	-	13/01/09
176	176	Erosion into Quarry	-	13/01/09
177	177	Hollows within MDG 10197	-	13/01/09
178	178	Hollows within MDG 10197	-	13/01/09
179	179	General shot showing proximity to tree line and road	-	13/01/09
180	180	Robbed ditch/ soutterain site part of MDG 10197	ESE	13/01/09
181	181	Robbed ditch/ soutterain site part of MDG 10197	ESE	13/01/09
182	182	Possible house in BA site MDG 10197	S	13/01/09
183	183	BA site outer enclosure bank MDG 10197	ESE	13/01/09
184	184	BA site interior shot MDG 10197	NE	13/01/09
185	185	BA site interior shot MDG 10197	SW	13/01/09
186	186	Possible house in BA site MDG 10197	W	13/01/09
187	187	Possible house in BA site MDG 10197	W	13/01/09
188	188	BA site interior shot MDG 10197	NE	13/01/09
189	189	BA site interior shot MDG 10197	NE	13/01/09
190	190	BA site interior shot MDG 10197	ENE	13/01/09
191	191	BA site interior shot MDG 10197	NW	13/01/09
192	192	BA site interior shot MDG 10197	NE	13/01/09
193	193	BA site interior shot MDG 10197	NE	13/01/09
194	194	General shot from site 10197	WNW	13/01/09
195	195	Archaeologist on GPS position for MDG 10197	E	13/01/09
196	196	General shot from MDG 10197	NNE	13/01/09
197	197	General shot from MDG 10197	NE	13/01/09
198	198	NW side of site 10175	NNW	13/01/09
199	199	Looking W from site 10175	E	13/01/09
200	200	Looking NE from site 10175	SW	13/01/09
201	201	Looking SE from site 10175	NW	13/01/09
202	202	MDG 10197 from site 10175	N	13/01/09
203	203	Quarry and Site 7843 and MDG 10197	N	13/01/09
204	204	Quarry from N	N	13/01/09
205	205	Erosion at Bronze Age site	N	13/01/09
206	206	Towards unenclosed site	W	13/01/09

Image No.	Digital	Description	From	Date
207	207	Enclosure at site 10175	N	13/01/09
208	208	Enclosure at site 10175	SE	13/01/09
209	209	Possible features on raised area E of 10175	SW	13/01/09
210	210	Possible features on raised area E of 10175	-	13/01/09
211	211	Possible features on raised area E of 10175	SW	13/01/09
212	212	Animal burrowing within features on Site 339	W	13/01/09
213	213	General shot	SE	13/01/09
214	214	General shot E from unenclosed site 339 toward MDG10174	W	13/01/09
215	215	General shot N from unenclosed site	S	13/01/09
216	216	General shot WSW from unenclosed site	ENE	13/01/09
217	217	Feature/ Site 337	-	13/01/09
218	218	Feature/ Site 338	-	13/01/09
219	219	Feature/ Site 338 and surrounds	-	13/01/09
220	220	Feature/ Site 338 and surrounds	-	13/01/09
221	221	Feature/ Site 339 – possible cairn/structure	-	13/01/09
222	222	Other possible features Site 339	-	13/01/09
223	223	Other possible features Site 339	-	13/01/09
224	224	Feature/ Site 339 – possible cairn/structure	-	13/01/09
225	225	Feature/ Site 339 – possible cairn/structure	-	13/01/09
226	226	Feature/ Site 339 – possible cairn/structure with MDG10174 in background	-	13/01/09
227	227	Erosion at MDG7843	N	13/01/09
228	228	Erosion at BA enclosure MDG7843	NW	13/01/09
229	229	Quarry with erosion at BA enclosure MDG7843	WNW	13/01/09
230	230	Looking into trees at BA enclosure MDG7843	NW	13/01/09
231	231	Looking into trees at BA enclosure MDG7843	NNW	13/01/09
232	232	Looking into trees at BA enclosure MDG7843	N	13/01/09
233	233	MDG 10194 looking toward entranceway	SW	14/01/09
234	234	MDG 10194 looking toward entranceway	E	14/01/09
235	235	MDG 10194 looking toward entranceway close up	SW	14/01/09
236	236	MDG 10194 looking toward entranceway close up	W	14/01/09
237	237	MDG 10194 looking toward entranceway	E	14/01/09
238	238	MDG 10194 looking toward entranceway	ENE	14/01/09
239	239	MDG 10194 looking toward entranceway	WSW	14/01/09
240	240	General landscape shot from MDG 10194	SE	14/01/09

Image No.	Digital	Description	From	Date
241	241	General landscape shot from MDG 10194	SW	14/01/09
242	242	Toward enclosure south of MDG 10194	E	14/01/09
243	243	Toward enclosure south of MDG 10194	NE	14/01/09
244	244	Toward enclosure south of MDG 10194	N	14/01/09
245	245	Toward enclosure south of MDG 10194	E	14/01/09
246	246	Toward enclosure south of MDG 10194	S	14/01/09
247	247	Site MDG 10194 with enclosure from the west	W	14/01/09
248	248	Landscape shots around MDG 10194	NW	14/01/09
249	249	Landscape shots around MDG 10194	SE	14/01/09
250	250	Landscape shots around MDG 10194	N	14/01/09
251	251	Landscape shots around MDG 10194	NE	14/01/09
252	252	Landscape shots around MDG 10194	S	14/01/09
253	253	Turf enclosure at site 8713	W	14/01/09
254	254	Landscape shot with turf dyke	WNW	14/01/09
255	255	Site MDG 8713	N	14/01/09
256	256	Around site MDG 8713	NW	14/01/09
257	257	Around site MDG 8713	SE	14/01/09
258	258	Around site MDG 8713	ESE	14/01/09
259	259	Enclosure at MDG 8713	W	14/01/09
260	260	Enclosure at MDG 8713	W	14/01/09
261	261	Landscape from MDG 8713	N	14/01/09
262	262	Turf dyke MDG 8713	N	14/01/09
263	263	Turf dyke MDG 8713	E	14/01/09
264	264	Landscape from MDG 8713	S	14/01/09
265	265	Site 8713 towards bank	N	14/01/09
266	266	Site 8713 looking SE	NW	14/01/09
267	267	Site 8712 banks/quarry	NW	14/01/09
268	268	Site 8712 banks/quarry	NW	14/01/09
269	269	Site 8712 banks/quarry	NNW	14/01/09
270	270	Site 8712 banks/quarry	NNW	14/01/09
271	271	River crossing at MDG 8712	NNW	14/01/09
272	272	Site MDG 8712	NE	14/01/09
273	273	Site MDG 8712	NE	14/01/09
274	274	Site MDG 8712	N	14/01/09
275	275	Site MDG 8712	E	14/01/09

Image No.	Digital	Description	From	Date
276	276	Site MDG 8712 turf bank	NW	14/01/09
277	277	Void	-	14/01/09
278	278	Void	-	14/01/09
279	279	Access road MDG 21038	WSW	14/01/09
280	280	Access road MDG 21038	ENE	14/01/09
281	281	Access road MDG 21038	WSW	14/01/09
282	282	Site MDG 10368	S	14/01/09
283	283	Site MDG 10368	E	14/01/09
284	284	Site MDG 10368 building	WNW	14/01/09
285	285	Site MDG 10368 building dyke	WSW	14/01/09
286	286	Site MDG 10368 building dyke	W	14/01/09
287	287	Site MDG 10368 entrance in close up	W	14/01/09
288	288	MDG 10368 from site 10367	NW	14/01/09
289	289	Site 10367 building	NE	14/01/09
290	290	Site 10367 building	WNW	14/01/09
291	291	Site 10367 building	N	14/01/09
292	292	Site 10367 building	NW	14/01/09
293	293	Site 10367 building	SE	14/01/09
294	294	Site 10367 building	ENE	14/01/09
295	295	Possible track for site 10367	NE	14/01/09
296	296	Sluice in stream site 10430	ENE	14/01/09
297	297	Close up stones at site 10430	SW	14/01/09
298	298	Sluice site 10430	WNW	14/01/09
299	299	Sluice site 10430	WNW	14/01/09
300	300	Sluice site 10430	SW	14/01/09
301	301	Close up stones site 10430	W	14/01/09
302	302	Site 10430 general	ENE	14/01/09
303	303	Quarry site 209/210	SW	14/01/09
304	304	Quarry site 209/210	WSW	14/01/09
305	305	Quarry site 209/210	NW	14/01/09
306	306	Quarry site 209/210	WNW	14/01/09
307	307	Quarry site 209/210	NNW	14/01/09
308	308	Quarry site 209/210	NE	14/01/09
309	309	Site 212 sheep fold	SE	14/01/09
310	310	Approaching site 212	E	14/01/09

Image No.	Digital	Description	From	Date
311	311	Site 212 (environs)	NE	14/01/09
312	312	Site 212 (environs)	ENE	14/01/09
313	313	Site 212 (environs)	E	14/01/09
314	314	Quarry near site 212	E	14/01/09
315	315	Quarry near site 212	SW	14/01/09
316	316	Site 212	N	14/01/09
317	317	Quarry near site 212	W	14/01/09
318	318	Quarry near site 212	W	14/01/09
319	319	Site 212 (entrance)	S	14/01/09
320	320	Site 212 interior	S	14/01/09
321	321	Site 212 doorway	N	14/01/09
322	322	Site 212 doorway	WSW	14/01/09
323	323	Site 212 windows	N	14/01/09
324	324	Site 212	NE	14/01/09
325	325	Site 212	N	14/01/09
326	326	From site 212 to stream	ESE	14/01/09
327	327	Site 212 interior	NNW	14/01/09
328	328	Site 212 interior	W	14/01/09
329	329	Site 212 close up stones	E	14/01/09
330	330	Site 212 interior building	WNW	14/01/09
331	331	Detail walls Site 212	SW	14/01/09
332	332	AOC site 10431 – poss cord rig	S	14/01/09
333	333	AOC site 10431 – poss cord rig	E	14/01/09
334	334	AOC site 10431 – poss cord rig	S	14/01/09
335	335	AOC site 10437	S	14/01/09
336	336	Site 10432 building	W	14/01/09
337	337	Site 10432 building	W	14/01/09
338	338	Site 10432 disturbance	N	14/01/09
339	339	Site 10432 disturbance	E	14/01/09
340	340	Site 10432 disturbance	NW	14/01/09
341	341	Site 10432 disturbance	ESE	14/01/09
342	342	Site 10432 disturbance	SE	14/01/09
343	343	Site 10432 disturbance	N	14/01/09
344	344	Site 10432 disturbance	N	14/01/09
345	345	Site 10432 turf walls	N	14/01/09

Image No.	Digital	Description	From	Date
346	346	Site 10432 turf walls	NW	14/01/09
347	347	Site 10432 turf walls	N	14/01/09
348	348	Site 10432 turf walls	NW	14/01/09
349	349	Site 10432 turf walls	NNW	14/01/09
350	350	Site 10432 turf walls	NNW	14/01/09
351	351	General shot site 10432	N	14/01/09
352	352	AOC site 31994	SW	14/01/09
353	353	Access gate near Old Irvine	ENE	14/01/09
354	354	Around Old Irvine site	SE	14/01/09
355	355	Quarry site	SE	14/01/09
356	356	Cairn 216	SW	14/01/09
357	357	Cairn 216	S	14/01/09
358	358	Cairn 217	SSW	14/01/09
359	359	Cairn 217	SE	14/01/09
360	360	Cairn 217	SE	14/01/09
361	361	Cairn 217	SE	14/01/09
362	362	From Cairn 217	NE	14/01/09
363	363	From Cairn 217	N	14/01/09
364	364	From Cairn 217	W	14/01/09
365	365	To Cairn 217	N	14/01/09
366	366	At edge of cultivation MDG7956	E	14/01/09
367	367	Towards edge of cultivation MDG7956	W	14/01/09
368	368	Towards edge of cultivation MDG7956	W	14/01/09
369	369	Edge of cultivation MDG7956	NW	14/01/09
370	370	Edge of cultivation MDG7956	E	14/01/09
371	371	Cultivation terrace MDG7956	NW	14/01/09
372	372	Cultivation terrace MDG7956	NW	14/01/09
373	373	Cultivation terrace MDG7956	N	14/01/09
374	374	Cultivation terrace MDG7956	NNE	14/01/09
375	375	Cultivation terrace with dyke MDG7956	NW	14/01/09
376	376	Cultivation terrace MDG7956	NE	14/01/09
377	377	River looking NW from MDG7956	SE	14/01/09
378	378	Over river looking SW Old Irvine	NE	14/01/09
379	379	Over river looking S Old Irvine	-	14/01/09
380	380	Tracks and rig site near Old Irvine	NNW	14/01/09

Image No.	Digital	Description	From	Date
381	381	Cultivation terraces MDG7956	W	14/01/09
382	382	Farmers track Old Irvine	N	14/01/09
383	383	Cultivation terraces MDG7956	N	14/01/09
384	384	Cultivation terraces MDG7956	SW	14/01/09
385	385	Cultivation terraces MDG7956	NW	14/01/09
386	386	Towards S access to Old Irvine	N	14/01/09
387	387	Rig in reed grass Old Irvine	NW	14/01/09
388	388	Rig in reed grass Old Irvine	NW	14/01/09
389	389	Rig in reed grass Old Irvine	NW	14/01/09
390	390	Rig in reed grass Old Irvine	E	14/01/09
391	391	Rig in reed grass Old Irvine	N	14/01/09
392	392	Rig in reed grass Old Irvine	SW	14/01/09
393	393	Rig in reed grass Old Irvine	E	14/01/09
394	394	Rig in reed grass and disturbance Old Irvine	W	14/01/09
395	395	Tracks Old Irvine	NW	14/01/09
396	396	Rig in reed grass Old Irvine	NW	14/01/09
397	397	Rig in reed grass Old Irvine	WNW	14/01/09
398	398	Rig in reed grass Old Irvine	NNE	14/01/09
399	399	Rig in reed grass Old Irvine	SSW	14/01/09
400	400	Tracks through rig Old Irvine	S	14/01/09
401	401	Old track Old Irvine	W	14/01/09
402	402	Old track Old Irvine	SSW	14/01/09
403	403	Old track Old Irvine	N	14/01/09
404	404	Old track Old Irvine	S	14/01/09
405	405	Old track over river Old Irvine	N	14/01/09

Drawing Register

Drawing No.	Sheet No.	Area/ Trench	Drawing Type	Scale	Description	Drawer	Date
1	1	-	Sketch Plan	N/A	MDG 10568	KS	12/01/09
2	2	-	Sketch Plan	N/A	Site 102 enclosure	KS	12/01/09
3	3	-	Sketch Plan	N/A	MDG 8149	KS	12/01/09
4	4	-	Sketch Plan	N/A	Site 104	KS	12/01/09
5	5	-	Sketch Plan	N/A	MDG 10570	KS	12/01/09
6	6	-	Sketch Plan	N/A	Site 110 + Site 111	KS	12/01/09
7	7	-	Sketch Plan	N/A	MDG 10567	KS	12/01/09
8	8	-	Sketch Plan	N/A	MDG 10569	KS	12/01/09
9	9	-	Sketch Plan	N/A	MDG 10566	KS	12/01/09
10	10	-	Sketch Plan	N/A	MDG 10176	KP	13/01/09
11	11	-	Sketch Plan	N/A	MDG 7846 + 10197	KP	13/01/09
12	12	-	Sketch Plan	N/A	MDG 10174	KP	13/01/09
13	13	-	Sketch Plan	N/A	Sites 301 to 303	KP	13/01/09
14	13	-	Sketch Plan	N/A	MDG 10374	KP	13/01/09
15	14	-	Sketch Plan	N/A	MDG 10199	KP	13/01/09
16	15	-	Sketch Plan	N/A	Site 327	KP	13/01/09
17	16	-	Sketch Plan	N/A	MDG 10175	KP	13/01/09
18	17	-	Sketch Plan	N/A	MDG 10194	KS	14/01/09
19	18	-	Sketch Plan	N/A	MDG 8712	KS	14/01/09
20	19	-	Sketch Plan	N/A	MDG 8715	KS	14/01/09
21	20	-	Sketch Plan	N/A	MDG 10368	KS	14/01/09
22	21	-	Sketch Plan	N/A	MDG 10367	KS	14/01/09
23	22	-	Sketch Plan	N/A	MDG 10430	KS	14/01/09
24	23	-	Sketch Plan	N/A	MDG 7956 + Site 220	KS	14/01/09
25	24	-	Sketch Plan	N/A	MDG 10432	KS	14/01/09
26	25	-	Sketch Plan	N/A	Site 212 + 211	KS	14/01/09
27	26	-	Sketch Plan	N/A	Site 209 + 210	KS	14/01/09
28	27	-	Sketch Plan	N/A	Site 215	KS	14/01/09
29	27	-	Sketch Plan	N/A	Site 216	KS	14/01/09
30	27	-	Sketch Plan	N/A	Site 217	KS	14/01/09

Appendix 3: Discovery & Excavation in Scotland

LOCAL AUTHORITY:	Dumfries and Galloway
PROJECT TITLE/SITE NAME:	Langholm Survey
PROJECT CODE:	RA08058
PARISH:	Langholm, Canonbie
NAME OF CONTRIBUTOR:	Katie Sludden & Kevin Paton
NAME OF ORGANISATION:	Rathmell Archaeology Limited
TYPE(S) OF PROJECT:	Walkover Survey
NMRS NO(S):	NY37NW16, NY37NW17, NY37NW18, NY37NW27, NY37NW30, NY37NW32, NY38SW50/0, NY38SW50/1, NY38SW50/2, NY38SW57, NY38SW58, NY38SE59, NY38SE60, NY38SE61, NY38SE66, NY48SW27, NY48SW28, NY48SW29, NY48SW30, NY48SW31, NY37NW2, NY38SE11, NY48SE11, NY48SW12, NY37NW13, NY37NW14.
SITE/MONUMENT TYPE(S):	(Not in relative to above) PLANTATION Bank, Field, Enclosure, Ring Enclosure; Pen; Rig, Enclosure; Ring Enclosure, Field Boundary, Ridge and Furrow; Field Boundary; Boundary, Building, Cairnfield, Cord Rig, Bloomery, Ridge and Furrow, Bank (Earthwork), Kiln?, Lazy Beds; Ridge and Furrow, Farmstead, Cultivation Terrace; Cairn, CHAPEL, Bloomery.
SIGNIFICANT FINDS:	Eleven possible new archaeological features or sites.
NGR (2 letters, 8 or 10 figures)	Barngliesh – NY326795 Cockplay & Kerr – NY351807 Caulside – NY442806
START DATE (this season)	12 th January 2009
END DATE (this season)	14 th January 2009
PREVIOUS WORK (incl. DES ref.)	Skipper's Bridge, Langholm: Scottish Water Solutions Pipeline Data Structure Report. AOC Report 20644.
MAIN (NARRATIVE) DESCRIPTION: (May include information from other fields)	A programme of archaeological survey works was commissioned by Buccleuch Woodlands in respect of three proposed woodland planting schemes around Langholm, Dumfries & Galloway. The archaeological survey works were designed to determine the nature, form and extent of the known archaeology and propose areas to be preserved as open ground in future planting schemes.
PROPOSED FUTURE WORK:	None.
CAPTION(S) FOR ILLUSTRS:	N/A
SPONSOR OR FUNDING BODY:	Buccleuch Estates
ADDRESS OF MAIN CONTRIBUTOR:	Unit 8 Ashgrove Workshops, Kilwinning, Ayrshire KA13 6PU
EMAIL ADDRESS:	contact@rathmell-arch.co.uk
ARCHIVE LOCATION (intended/deposited)	Report to Dumfries and Galloway Council Archaeological Service and archive to National Monuments Record of Scotland.

Contact Details

Rathmell Archaeology can be contacted at its Registered Office or through the web:

Rathmell Archaeology Ltd
Unit 8 Ashgrove Workshops
Kilwinning
Ayrshire
KA13 6PU

www.rathmell-arch.co.uk

t.: 01294 542848 f.: 01294 542849
e.: contact@rathmell-arch.co.uk

Buccleuch Woodlands can be contacted at its Langholm Office or through the web:

Buccleuch Woodlands
David Nicholson
Assistant operations Manager
Buccleuch Woodlands
Ewesbank, Langholm

t.: 01387 380 202 / 01387 382 638

Dumfries and Galloway Archaeological Service can be contacted at its Office or through the web:

Dumfries and Galloway Archaeological Service:
Planning & Environmental Consultancy
Dumfries & Galloway Council
Newall Street
C/o Rae Street
Dumfries DG1 1LW

t.: 01387 260154 f.: 01387 260149
e.: janeb@dumgal.gov.uk

End of Document