Technical Appendix 10.1

Heritage Assets within the Inner Study Area

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Technical Appendix 10.1: Heritage Assets within the Inner Study Area

10.1.1 This Technical Appendix provides details on the heritage assets recorded in the Inner Study Area, together with an assessment of their heritage sensitivity and a summary of direct impacts on a site-by-site basis.

10.1.2 This Technical Appendix should be read in conjunction with **Chapter 10** of the Environmental Impact Assessment (EIA) Report**,** with specific reference to **Section 10.6: Baseline Conditions** and **Section 10.8: Assessment of Potential Effects**. The locations and extents of the recorded heritage assets are shown on **Figure 10.1**

Asset No	Asset Name / Type	Easting	Northing	Source	Asset Description	Sensitivity	Magnitude of Impact	Significance of Effect
10150a-b	Rob's Hill, Sheepfold(s)	281293 281355	630292 630319	South Lanarkshire HER; NRHE; Aerial Photographs; Lidar; Field Survey	The South Lanarkshire HER and NRHE entries record two circular enclosures, likely disused sheepfolds, on the southern slopes of Rob's Hill. The northernmost of the enclosures (b) is formed by a turf bank, 2 m wide, 0.3 m high, and 14.8 m in diameter. A shallow ditch, 1.5 m wide, lies around the extent of the enclosure. The second enclosure (a) is recorded approximately 70 m south-west of the first, and consists of a turf bank, 2 m wide, 0.2 m high, and 16 m in diameter. Like the first, this enclosure is bounded by a shallow ditch measuring 2 m wide. Both enclosures are visible on aerial photography and Lidar imagery. The field survey identified both enclosures, which were confirmed to most likely represent the remains of circular sheepfolds. The enclosures were recorded to be largely as described, being overgrown but in otherwise good-to-fair	Low	High	Minor (not significant in EIA terms)

Asset No	Asset Name / Type	Easting	Northing	Source	Asset Description	Sensitivity	Magnitude of Impact	Significance of Effect
					condition, and located at a different location to that given in the HER entry.			
15766	Rob's Hill, Cropmark	281050	630880	South Lanarkshire HER; NRHE; Aerial Photographs; Lidar	The South Lanarkshire HER and NRHE entries record a sub-rectangular cropmark c.40 m long, visible on vertical aerial photographs. The cropmarks were not located by a 1994 field survey, and may be natural in origin (e.g. possibly the result of vegetation growth). Squared cropmark fitting the above description is faintly visible on aerial photographs and on Lidar imagery. The field survey did not locate a feature at this location, which appeared characterised by a natural change in vegetation.	Negligible	N/A	N/A
15767	Rob's Hill, Cropmark	280900	630780	South Lanarkshire HER; NRHE; Aerial Photographs	The South Lanarkshire HER and NRHE entries record a sub-rectangular cropmark c.30 m long, visible on vertical aerial photographs. The cropmarks were not located by a 1994 field survey, and may be natural in origin (e.g. possibly the result of vegetation growth). The field survey did not locate a feature at this location.	Negligible	N/A	N/A
15768	Rob's Hill, Cropmark	281440	630700	South Lanarkshire HER; NRHE; Aerial Photographs	The South Lanarkshire HER and NRHE entries record a circular cropmark, c.20 m in diameter, visible on vertical aerial photographs. The cropmarks were not located by a 1994 field survey, and may be natural in origin (e.g. possibly the result of vegetation growth). The field survey did not locate a feature at this location.	Negligible	N/A	N/A
15769	Rob's Hill, Indeterminate Remains	281600	630610	South Lanarkshire HER; NRHE	The South Lanarkshire HER and NRHE entries record a circular depression, 6 m wide, banked on the downslope side. The remains are of indeterminate date and purpose, with no visible remains shown on historic maps, aerial photographs, or Lidar imagery.	Negligible	N/A	N/A

Asset No	Asset Name / Type	Easting	Northing	Source	Asset Description	Sensitivity	Magnitude of Impact	Significance of Effect
					The field survey did not identify a depression at this location, but recorded a quarry scoop (**HA14**) a short distance to the east.			
15770	Rob's Hill, Structure	281320	630200	South Lanarkshire HER; NRHE; Field Survey	The South Lanarkshire HER and NRHE entries record a rectangular stone-built structure, measuring 9 m by 5 m east-west. The structure is not depicted on any historic maps, nor visible on aerial photographs or Lidar imagery. The field survey identified the enclosure, which was recorded to be as described although largely visible as raised vegetation. The structure is better surviving on its western side, with no clear entrance. The point at which the structure was identified was different to the location given in the HER entry (281396, 630216).	Low	Medium	Minor (not significant in EIA terms)
17303	Windrow, Farmstead	280660	629520	South Lanarkshire HER; Historic Maps; Aerial Photographs; Lidar; Field Survey	The South Lanarkshire HER entry records a settlement or steading, represented by at least four buildings and five enclosures, at or near this location on General Roy's Military Survey of 1747-55, where the site is labelled 'Windrow'. The site is shown on the First Edition Ordnance Survey map (1864), where it comprises a rectangular singular building with an adjoining enclosure, likely a garden, at the northwest. Both are situated within a larger irregular-shaped enclosure with a sheepfold ('ree') visible to the northeast. On later maps, one of the structures is removed and an additional rectangular enclosure appears directly to the south of its location. The building is visible with multiple compartments on aerial photography and Lidar imagery. The field survey recorded the site to comprise a modern livestock shelter with a number of compartments, as depicted on Second Edition Ordnance Survey map (1898) onwards. No sheepfold was identified.	Low	Medium	Minor (not significant in EIA terms)

Asset No	Asset Name / Type	Easting	Northing	Source	Asset Description	Sensitivity	Magnitude of Impact	Significance of Effect
58099	Blackwood Hill, Rifle Range	281650	631150	South Lanarkshire HER; Historic Maps; Lidar; Field Survey	The South Lanarkshire HER entry records a shooting point for rifle range, as shown on the 1912 Ordnance Survey map. Targets for rifle range at 200, 300, and 400 yards are added on the 1941 Ordnance Survey map. Aerial photographs and Lidar imagery show the site as a sandy area with raised banks on either side. The field survey identified a large, irregularly-shaped sandy area, measuring 52 m long by 46 m wide, with raised triangular mounds up to 3 m in height which appeared man-made, possibly having been built as targets.	Low	N/A	N/A
58100	Muirkirk Branch Railway	281790	630200	South Lanarkshire HER; Historic Maps; Aerial Photographs; Lidar; Field Survey	The South Lanarkshire HER records the line of the former Muirkirk Branch Railway, first show on the Second edition Ordnance Survey map (1898). The line extended from Douglas to Muirkirk, providing a direct route of transport for coal and minerals, before its closure in the 1960s. During the field survey, it was identified that the route of the former railway had since been replaced by a modern access track. The former railway wooden sleepers had been reincorporated as a fence line.	Negligible	N/A	N/A
58101	Rob's Hill, Sheepfold	281540	630130	South Lanarkshire HER; Historic Maps; Lidar	The South Lanarkshire HER records a post-medieval sheepfold, marked 'Sheep Ree' on the First Edition Ordnance Survey map (1864). The enclosure had been removed by the later Second edition map (1898), but is very faintly visible as a circular impression on Lidar imagery. The field survey did not identify a sheepfold at this location.	Negligible	Low	Negligible (not significant in EIA terms)
67316	Broomerside, Farmstead / Settlement	280100	629400	South Lanarkshire HER; Historic Maps	The South Lanarkshire HER entry records a small settlement or steading represented by three buildings and an enclosure shown at or near this location on General Roy's Military Survey of 1747-55. The site is not shown on mid-nineteenth century or later Ordnance Survey maps.	Negligible	Low	Negligible (not significant in EIA terms)

Asset No	Asset Name / Type	Easting	Northing	Source	Asset Description	Sensitivity	Magnitude of Impact	Significance of Effect
					No remains associated with the site are visible on aerial photographs or Lidar imagery, and the field survey did not identify any remains at the location. The recorded location sits close to the disturbed course of a former cable route, the construction and decommissioning of which may be responsible for the absence of visible remains.			
76242	Douglas West Station	282045	630933	South Lanarkshire HER; NRHE; Historic Maps; Field Survey	The South Lanarkshire HER and NRHE entries record the site of a 19th to 20th-century railway station located along the former Muirkirk Branch Railway. The station is first shown on the Second edition Ordnance Survey map (1898). The associated structures (e.g. the station house) are no longer visible on aerial photographs or Lidar imagery, although raised platform remains may reside. The field survey confirmed that the station no longer exists; however, one residential property bears the name 'Douglas West Station', indicating possible reuse of elements of the station.	Negligible	N/A	N/A
99286	Blackwood Hill, Platform (possible)	281725	630856	South Lanarkshire HER	The South Lanarkshire HER entry records a platform, measuring approximately 7.5 m diameter, on the east-facing slope of Blackwood Hill. The platform is recorded to have an undulating appearance possibly indicative of a natural origin. The asset does not correspond to any features identified on historic mapping, and is not visible on aerial photographs or Lidar imagery. The field survey did not locate a feature at this location.	Negligible	N/A	N/A
HA01	Pyethall, Enclosure	279498	629309	Historic Maps; Aerial Photographs; Lidar; Field Survey	An irregular sub-square shaped enclosure, linked to former Pyethall Farmstead, and linked to other rectangular enclosure surrounding the farm, which lies to the southeast, across the Podowrin Burn.	Low	N/A	N/A

Asset No	Asset Name / Type	Easting	Northing	Source	Asset Description	Sensitivity	Magnitude of Impact	Significance of Effect
					The enclosure is depicted on the First (1864) and Second (1898) Edition Ordnance Survey maps, and is clearly visible on aerial photographs and Lidar imagery. The field survey recorded the enclosure to be stone-built and in good condition, measuring 113 m squared and up to 0.8 m tall. The area in which the enclosure is recorded will be subject to a biodiversity enhancement and management plan (BEMP) as part of the Proposed Development. The BEMP will involve low-intensity grazing and/or mowing of the field to support local wading bird populations. These non-intrusive measures will not involve any groundworks or alteration of existing field boundaries, and would not result in any direct or indirect impacts to the enclosure.			
HA02	Sheepfold	279578	629296	Aerial Photographs; Lidar; Field Survey	A circular sheepfold lying adjacent to the eastern side of an enclosure (**HA01**). The rough outline of the sheepfold is visible on aerial photographs (Google and Bing Maps), outlined by raised vegetation, and on Lidar imagery. The sheepfold is not shown on historic Ordnance Survey maps. The field survey recorded the sheepfold to be in poor condition, largely concealed by vegetation but with some stone visible. The sheepfold measured 14 m in diameter, with 2.5 m wide banks up to 0.7 m tall. Possible entranceways were recorded at the northeast and south-west.	Low	N/A	N/A
HA03	Broomerside Field System; Banks, Enclosure, Rig and Furrow	279263 280568	629416 629550	Historic Maps; Aerial Photographs; Lidar; Field Survey	A spread of various features across the landscape between the Smithy and Windrow Burns, on the south-east-facing slope of Broomerside Hill. All the features relate to agricultural activity, comprising numerous field banks varying in orientation, size, extent, and condition, ranging from between 22 m to 115 m in length and between 0.5 m to 0.7 m in height. Specific examples identified during the field survey include:	Low	Low	Minor (not significant in EIA terms)

Asset No	Asset Name / Type	Easting	Northing	Source	Asset Description	Sensitivity	Magnitude of Impact	Significance of Effect
					a) A rectangular enclosure with raised banks, partially obscured by rushes. A singular stone was visible. The enclosure measured 115 m long by 15 m wide. b) A linear field bank, orientated north-east to south-west, measuring 2.5 m wide by >27 m long, surviving to a height of 0.7 m. c) A curvilinear field bank, orientated northwest to southeast, measuring >22 m at its longest by 1 m wide, surviving to a height of 0.5 m. The various features were recorded to typically form enclosures or otherwise delineate areas for rig and furrow cultivation, which was clearly visible and in good condition on the sloping hillside. Recorded furrows were roughly 0.2 m deep and 0.3 m wide, with rigs measuring 2.5 m wide. The majority of the features are not depicted on historic Ordnance Survey maps but appear visible on aerial photographs and Lidar imagery.			
HA04	Shooting Hide (possible)	279648	629442	Field Survey	The field survey identified the possible remains of a circular shooting hide, in good-to-fair condition and located on a slightly raised plateau. The feature survived as a circular depression measuring 4 m in diameter, at a depth of 0.7 m. The possible hide was recorded to be largely overgrown, with only a handful of stones visible. The asset is not visible on modern aerial photography or Lidar imagery.	Negligible	N/A	N/A
HA05	Sheepfold	279864	629244	Historic Maps; Aerial Photographs;	A circular sheepfold, first depicted on the First Edition Ordnance Survey map (1864), where it is labelled 'Ree'. The sheepfold is still depicted on contemporary mapping, and is	Low	N/A	N/A

Asset No	Asset Name / Type	Easting	Northing	Source	Asset Description	Sensitivity	Magnitude of Impact	Significance of Effect
				Lidar; Field Survey	visible on aerial photographs and Lidar imagery, with a potential 'tail' wall extending from the eastern side. The field survey recorded the sheepfold upon a raised plateau, in fair to poor condition, overgrown but with a number of stones visible. A possible south-facing entranceway was recorded.			
HA06	Clearance Cairn	279856	629231	Field Survey	The field survey recorded the remains of a turf-covered pile of stones, situated directly to the south-west of sheepfold (**HA05**) upon the same raised plateau. The possible cairn was recorded to be of sub-circular shape, measuring 2 m in diameter and 0.6 m in height. The stones likely represent a clearance cairn assembled from stones taken the nearby sheepfold.	Negligible	N/A	N/A
HA07	Windrow, D-Shaped Enclosure	280953	629784	Historic Maps; Aerial Photographs; Lidar; Field Survey	A D-shaped drystone enclosure, recorded to the north-east of Windrow farmstead, to which it may be related. The enclosure is shown from the Second Edition Ordnance Survey map (1898) onwards, and is visible on aerial photographs and Lidar imagery. The field survey recorded the enclosure to be in good condition, often upstanding to ten courses of stone, measuring 1.5 m tall with 1.5 m wide walls extending up to 156 m in length.	Low	High	Minor (not significant in EIA terms)
HA08	Windrow, Enclosure(s)	280768 280787	629925 629908	Aerial Photographs; Lidar; Field Survey	Two small enclosures cojoined at one corner, located north of Windrow (17303). They are clearly visible on Lidar imagery but less so on aerial photographs. The field survey identified both enclosures to be in fair condition, visible as slightly raised banks shrouded in rushes. The northern enclosure has all four sides and measures c.22 m squared. Only the south-western side of the southern enclosure was recorded, measuring c.23 m long. The	Low	N/A	N/A

Asset No	Asset Name / Type	Easting	Northing	Source	Asset Description	Sensitivity	Magnitude of Impact	Significance of Effect
					enclosures are of uncertain use, and may represent the foundation of a structure or storage site.			
HA09	Windrow Hill, Field System; field bank(s)	280149 281066	630072 629976	Historic Maps; Aerial Photographs; Lidar; Field Survey	A number of field banks delineating areas of pasture surrounding the slopes of Windrow Hill. The field banks vary in size, condition, and extent, ranging from c.48 m to 200 m in length. The field banks are not depicted on historic Ordnance Survey maps but are identifiable on aerial photographs and Lidar imagery. The field survey identified a number of examples, including: a) A curvilinear field bank situated on the southwest slope of Windrow Hill. The feature is visible as a raised bank covered in vegetation, in good to fair condition. The bank measures c.200 m long, 1 m wide, and 0.2 m tall.	Low	Negligible	Negligible (not significant in EIA terms)
HA10	Rob's Hill, Field System; Field Banks, Enclosures, Rig and Furrow	281093 281845	630205 631085	Historic Maps; Aerial Photographs; Lidar; Field Survey	A spread of various enclosures (HA10) field banks (a-d) forming a field system delineating areas of pasture between Rob's Hill and Blackwood Hill. The features vary in size, condition, and extent, and in many cases represent examples of ongoing agricultural activity. The majority of assets are not depicted on historic Ordnance Survey maps but are identifiable on aerial photographs and Lidar imagery. Additionally, the field survey recorded areas of rig and furrow across the landscape, typically measuring 3 m wide (at the rig) and 0.8 m deep (in the furrows).	Low	Low	Minor (not significant in EIA terms)
HA11	Windrow Hill, Bank	280605	629770	Aerial Photographs; Field Survey	The field survey identified the remains of a small section of a possible bank or dyke, orientated north-west to southeast, on southwest-facing slope within boggy vegetation. The feature was visible as a single course of sub-angular stones, with no clear continuation into the surrounding area	Negligible	N/A	N/A

Asset No	Asset Name / Type	Easting	Northing	Source	Asset Description	Sensitivity	Magnitude of Impact	Significance of Effect
					identified either during the field survey or on aerial photographs.			
HA12	Quarry Scoop	281373	630118	Field Survey	The field survey identified a possible circular quarry scoop on the south-southeast-facing slope of Rob's Hill, bordered to the north by a small track. The feature appears non-natural in original and measures 10 m in diameter and 3 m in depth.	Negligible	Negligible	Negligible (not significant in EIA terms)
HA13	Rob's Hill, Enclosure	281771	630313	Historic Maps; Aerial Photographs; Lidar; Field Survey	A rectangular stone-built enclosure measuring roughly 143 m long by 105 m wide. The enclosure is first depicted on the Second Edition Ordnance Survey map (1898), where it is shown to the east of Robshill Wood. It remains visible on aerial photographs, modern maps, and Lidar imagery, and may still be in use. The field survey recorded the enclosure to be in overall good condition with some sections fallen into disrepair. At its tallest, the enclosure measures 1 m and up to eight courses of irregular stones.	Low	High	Minor (not significant in EIA terms)
HA14	Quarry Scoop	281720	630587	Lidar; Field Survey	The field survey recorded a 'tear-drop' shaped possible quarry scoop measuring 7 m long, 4 m wide, and 1.5 m deep. The feature may be the indeterminate remains (15769) recorded on the South Lanarkshire HER. It is visible as a depression on Lidar imagery.	Negligible	Negligible	Negligible (not significant in EIA terms)
HA15	Sheepfold Cropmark (possible)	281691	631001	Lidar; Field Survey	The outline of a circular cropmark, likely a sheepfold, visible on Lidar imagery but not shown on historic Ordnance Survey maps nor clearly visible on aerial photographs. The field survey identified the possible sheepfold, which was visible as raised vegetation. The feature measured 12 m in diameter, with 1-3 m wide banks, and a depth of 0.4 m. A possible entrance was recorded at the west.	Low	N/A	N/A

Asset No	Asset Name / Type	Easting	Northing	Source	Asset Description	Sensitivity	Magnitude of Impact	Significance of Effect
HA16	Broadlea Burn, Modern Enclosure	281479	631208	Aerial Photography; Lidar DTM; Field Survey	An irregular-shaped modern enclosure, enclosing an area of rough vegetation and tree growth. The enclosure is clearly visible on aerial photographs and Lidar imagery, being enclosed in turn by an earlier, larger enclosure (**HA17**). The field survey identified the enclosure as now comprising a modern post-and-wire fence which marks out an area of forestry.	Negligible	N/A	N/A
HA17	Broadlea Burn, Enclosure	281405	631211	Historic Maps; Aerial Photographs; Lidar; Field Survey	An irregular-shaped enclosure first depicted on the Second Edition Ordnance Survey map (1898), where it is shown surrounding part of Broadlea Burn. The faint outline of the enclosure is visible on modern aerial photography surrounding a modern fenced forestry enclosure (**HA16**). The field survey identified part of the enclosure, which was visible as a stone-built bank orientated north-south. The enclosure was recorded to slope down to the Broadlea Burn, and continue on opposite bank before intersecting with an area of enclosed woodland (**HA16**).	Low	N/A	N/A
HA18	Broadlea Burn, Structure (possible)	281363	631188	Aerial Photographs; Lidar; Field Survey	A rectangular cropmark with raised banks and open south-southwest facing side visible on Lidar imagery. The feature may mark the remains of a structure or enclosure measuring c. 27 m long by 15 m wide, with banks roughly 4 m wide. The possible structure is located west of a modern enclosure (**HA16**), directly south of Broadlea Burn. The feature does not correspond to any site shown on historic Ordnance Survey maps, but was confirmed by the field survey.	Low	N/A	N/A
HA19	Quarry Scoop(s)	281427	631229	Aerial Photographs; Lidar; Field Survey	The field survey recorded a group of at least three quarry scoops of varying size and shape, also visible as raised bumps on modern aerial photography and on Lidar imagery. All the scoops were recorded adjacent to one another within a stone enclosure (**HA17**) on the northern banks of Broadlea Burn.	Negligible	N/A	N/A

Asset No	Asset Name / Type	Easting	Northing	Source	Asset Description	Sensitivity	Magnitude of Impact	Significance of Effect
HA20	Poniel Strip, Railway Embankment	283268	633709	Historic Maps; Lidar	A portion of the dismantled Muirkirk Branch Railway (58100), following the western sloping curve of Poniel Strip towards Poniel Junction. The line is visible on the Second Edition Ordnance Survey map (1898) onward, and can be identified as a raised bank on Lidar imagery. Access to this area was not possible during the field survey, but it is likely that remains of the line have since been removed during the construction of a modern wind farm access track.	Negligible	N/A	N/A