

East Coast 400kV Overhead Line Upgrade
Environmental Impact Assessment Report
Volume 4 | Appendix 8.2

Assessment of Potential Impacts

January 2021



Appendix 8.2: Assessment of Potential Impacts

1.1.1 The table below provides a detailed assessment for the value / sensitivity of each asset alongside the magnitude of impact from the Proposed Development prior to mitigation.

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
1 – Building and Enclosure	NJ71SE0107	The value of the asset is deemed to be negligible as the archaeological remains of the building have been excavated and removed.	As there are no physical remains of the asset at this location the impact from the Proposed Development will be No Change.	Neutral
2 – Farmstead	Canmore ID 129689 NJ71SE0080	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 556 and 557 pass through a part of the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
4 – Rig and Furrow	Canmore ID 168844	The value of the asset is deemed to be low as the asset is of local importance with some surviving visible elements.	Works around Tower 555 have the potential to impact upon a small part of the rig and furrow remains, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
8 – Standing Stone	Canmore ID 18715 NJ71SW0012	The value of the asset is deemed to be medium as an in situ monument of regional importance.	It is not anticipated that works around Tower 549 will impact upon the standing stone as it is mostly out with the 50 m buffer around the tower, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
9 – Farmstead	Canmore ID 129893 NJ71SW0118	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 547 & 548 passes through a part of the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
11 – Farmstead	Canmore ID 129896 NJ71SW0120	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 545 passes through a part of the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
13 – Farmstead	Canmore ID 106134 NJ70NW0059	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 537 passes through a part of the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
14 – Cottage	Canmore ID 106135 NJ70NW0060	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 534 and 537 passes through a part of the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
16 – Farmstead	Canmore ID 106137 NJ70NW0061	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 534 passes through a part of the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
19 – Farmstead	Canmore ID 106138 NJ70NW0062	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 534 passes through a part of the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
20 – Farmstead	Canmore ID 106140 NJ70NW0063	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 531-533 passes through a part of the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
21 – Gravel Pit	Canmore ID 152913	The value of the asset is deemed to be negligible as it is of very little archaeological interest.	Access to Towers 530-533 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
24 – Farmstead	Canmore ID 106143 NJ70NW0066	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 526 passes through a part of the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
26 – Boundary Stone	Canmore ID 129287 NJ70NW0085	The value of the asset is deemed to be low as the asset is of local importance.	It is not anticipated that works around Tower 525 will impact upon the boundary stone as it is on the edge of the 50 m buffer next to a drain or watercourse, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
27 – Find Spots	Canmore ID 18532, 18533, 18540 NJ70NW0026 NJ70NW0029 NJ70NW0030 NJ70NW0155	The value of the asset is deemed to be negligible as the archaeological remains have been removed.	As there are no physical remains of the asset at this location the impact from the Proposed Development will be No Change.	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
28 – Farmstead	Canmore ID 129326 NJ70NW011	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 523 & 524 passes through a part of the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
29 – Standing Stones	NJ70NW0026	The value of the asset is deemed to be low as the asset is of local importance, but it is unclear from the HER if the stones still survive at this location.	Access to and works around Tower 524 have the potential to impact upon the site of supposed standing stones such that the asset may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Neutral
30 – Building	Canmore ID 152886	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	The works around Tower 524 have the potential to impact upon any sub-surface remains of the building that may survive at this location such that the asset may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Neutral
31 – Building	Canmore ID 152887	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Tower 523 passes over any sub-surface remains of the building that may survive at this location, but no impacts are anticipated, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
32 – Farmstead	Canmore ID 129958 NJ70SW0043	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 522 passes through a part of the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
37 – Building	Canmore ID 129920 NJ70SW0024	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	It is not anticipated that works to access Towers 520 & 521 will impact upon the former building as it mainly lies outwith the 50 m corridor, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
38 – Natural Outcrop	NJ70SW0046	The value of the asset is deemed to be negligible as it is of no archaeological interest.	There will be No Change to the asset from the works at Tower 520.	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
39 – Building	Canmore ID 129924 NJ70SW0028	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	It is not anticipated that works to access Tower 516 will impact upon the former building as it mainly lies outwith the 50 m corridor, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
40 – Farmstead	NJ70SW0029	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 515 passes through a part of the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
46 – Building	Canmore ID 155402	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Tower 505 has the potential to pass over any sub-surface remains of the building that may survive at this location but no impacts are anticipated, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
47 – Buildings	Canmore ID 155384NO79NE0084	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	It is not anticipated that works to access Tower 501 will impact upon the former buildings as they mainly lie outwith the 100 m corridor, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
49 – Croft	NO79NE0075	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	The works around Tower 499 have the potential to impact upon any sub-surface remains of the building that may survive at this location such that the asset may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Neutral
50 – Croft	NO79NE0074	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	The works around Tower 497 have the potential to impact upon any sub-surface remains of the building that may survive at this location but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
53 – Lithic Scatter	NO79NE0131	The value of the asset is deemed to be medium as the asset is of regional importance with potential sub-surface remains.	The asset is within the 100 m buffer around Tower 495, which is due to be extended, but will not be impacted upon as it is located on the opposite side of a watercourse, therefore the	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
			impact from the Proposed Development is deemed to be No Change.	
56 – Flint Scatter	NO79NE0128	The value of the asset is deemed to be low as the asset is of local importance with the potential for sub-surface remains.	Access to Tower 494 passes over the sub-surface remains related to the asset but no impacts are anticipated, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
57 – Farmstead	NO79NE0071	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 492 is unlikely to impact upon the surviving elements of the farmstead, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
61 – Croft	NO78NE0025	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Tower 466 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
64 – Boundary Stone	NO78NE0020	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	As there are no physical remains of the asset at this location the impact from the Proposed Development will be No Change.	Neutral
65 – Boundary Stone	NO78NE0044	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	As there are no physical remains of the asset at this location the impact from the Proposed Development will be No Change.	Neutral
67 – Farmstead	NO78SE0089	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 450 & 451 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
68 – Farmstead	Canmore ID 87297 NO78SW0017	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	The works around Tower 438 have the potential to impact upon any sub-surface remains of the farmstead that may survive at this location, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
71 – Farmstead	Canmore ID 128989	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 431 passes around the outside of the farmstead, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
72 – Sheepfold	Canmore ID 129001 NO78SW0021	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	It is not anticipated that access to Tower 431 will impact upon the sheepfolds, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
73 – Banks	NO78SW0019	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Works around Tower 431 and 432 have the potential to impact upon the linear features, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
75 – Field System	Canmore ID 36613 NO78SW0028	The value of the asset is deemed to be low as the asset is of local importance with some surviving sub-surface elements.	Access to Tower 428-430 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
79 – Field System	NO78SW0009	The value of the asset is deemed to be low as the asset is of local importance with some surviving sub-surface elements.	Works at Towers 426 & 427 have the potential to impact upon elements of the field system, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
80 – Boundary Stone	NO78SW0033	The value of the asset is deemed to be low as the asset is of local importance that remains in situ.	Works at Tower 425 have the potential to impact upon the boundary stone, but the existing track should limit the impact such that the significance is unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
83 – Earthwork	NO77NW0096	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 421 has the potential to impact upon the banks and hollow way in this area, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
85 – Hollow Way	NO77NW0099	The value of the asset is deemed to be low as the asset is of local importance with some surviving elements.	Access to Tower 419 and works at Tower 420 & 421 have the potential to impact upon the hollow way such that the asset may be slightly altered, with the access track likely to cross a section of it. Therefore, the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
86 – Earthwork	NO77NW0098	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Works at Tower 420 have the potential to impact upon the possible service road, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
88 – Earthwork	NO67NE0080	The value of the asset is deemed to be low as the asset is of local importance with some surviving elements.	Access to Towers 412-418 has the potential to pass over the western edge of the boundary dyke, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
89 – Gravel Pit	NO67NE0051	The value of the asset is deemed to be negligible as it of very little archaeological interest.	Access to Towers 407-409 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
90 – Croft	NO67NE0052	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Tower 407 and works at Tower 408 have the potential to impact upon any sub-surface remains of the croft, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
91 – Farmstead	Canmore ID 121173 NO67NE0049	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 404-406 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
105 – Market Place	NO67NE0021	The value of the asset is deemed to be medium as the asset contains multi-period elements of regional importance.	Access to Towers 398-402 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
108 – Fasque Estate (GDL)	GDL00178	The value of the asset is deemed to be high as an asset of national importance listed within the Inventory of Gardens & Designed Landscapes.	Access to Towers 393-397 passes through the asset where tracks already exist, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
109 – Farmstead	NO67NW0031	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Towers 390-392 passes through the asset where a track already exists, and no impacts are anticipated where access passes over the subsurface remains of the asset, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
110 – Farmstead	NO67NW0013	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 387-389 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
112 – Farmstead	Canmore ID 183751 NO67SW0052	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 385 & 386 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
115 – House	NO67SW0068	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Towers 380-382 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
117 – Church and Burial Ground	Canmore ID 36132 NO67SW0054	The value of the asset is deemed to be medium as the asset contains multi-period elements of regional importance.	Access to Tower 378 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
118 – Farmstead and Mill	NO57SE0119	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 375 & 376 passes through the main structures of the asset where a track already exists, and will not impact upon the lade or mill pond, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
120 – Farmstead	Canmore ID 35200 NO57SE0049	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 374 passes through the asset where a track already exists and has previously truncated the farmstead, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
121 – Findspot	Canmore ID 35168 NO57SE0002	The value of the asset is deemed to be negligible as the archaeological remains have been removed.	As there are no physical remains of the asset at this location the impact from the Proposed Development will be No Change.	Neutral
124 – Cairns, Mounds, & House (SM)	SM4633 Canmore ID 35226 NO57SE0072	The value of the asset is deemed to be high as an asset of national importance and designated as a Scheduled Monument.	The Proposed Development passes over the Scheduled Monument of Dalbog house, fields and cairns, that lies within an arable field on the higher ground to the west of the River North Esk. The Proposed Development works would require construction vehicles to enter and track through the scheduled area in order to access Tower 372, which is located within the	Large adverse

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			scheduled area. As there is no existing access track there is the potential for excavations to be required to provide access, and works may involve ground breaking and excavations around the tower base. These potential works may create changes such that the asset is clearly modified. The likely magnitude of impact from these works is anticipated to be Moderate adverse.	
125 – Farmstead	Canmore ID 35218 NO57SE0065	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to and works around Tower 370 have the potential to impact the upstanding remains of the field system surrounding the farmstead such that the asset may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse
128 – Croft	NO57SE0090	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 366-368 passes through the asset and has the potential to impact on upstanding remains of the croft and associated enclosures, such that the asset is clearly modified, therefore the impact from the Proposed Development is deemed to be Moderate adverse.	Slight adverse
131 – Rig and Furrow	Canmore ID 35165 NO57SE0017	The value of the asset is deemed to be low as the asset is of local importance with visible earthwork elements.	Access to Towers 361-365, and work around Towers 363 & 364 has the potential to impact upon the southern edge of the visible remains of the rig and furrow such that the asset may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse
132 – Rig and Furrow	Canmore ID 35164 NO57SE0016	The value of the asset is deemed to be low as the asset is of local importance with visible earthwork elements.	Access to Towers 361-365, and work around Towers 361-363 has the potential to impact upon the visible remains of the rig and furrow such that the asset may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse
133 – Structure	Canmore ID 35214 NO57SE0061	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Towers 361-365 passes near to the asset location but is not anticipated to impact upon any sub-surface remains of the	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
			structure, therefore the impact from the Proposed Development is deemed to be No Change.	
134 – Farmstead	Canmore ID 68770, 34985, 68771 NO56NE0024	The value of the asset is deemed to be low as the asset is of local importance with some surviving visible remains.	Access to and works around Tower 360 will be conducted within the asset and have the potential to impact upon the upstanding remains such that the asset may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse
135 – Farmstead	Canmore ID 158392	The value of the asset is deemed to be low as the asset is of local importance with some surviving visible remains.	Access to Towers 357-359 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
137 – Linear Earthwork	NO56NE0006	The value of the asset is deemed to be medium as the asset is of regional importance and survives in good condition.	Works around Tower 353 will not impact the asset as it is located on the opposite side of a watercourse from the tower, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
139 – Farmstead	NO56NW0158	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 349, 350 & 353-356 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
140 – Church (Category C)	LB13744 Canmore ID 35051 NO56NW0009	The value of the asset is deemed to be medium as the asset is of regional importance as a Category C Listed Building.	Access to Tower 345 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
141 – Farmstead	Canmore ID 78331 NO56NW0077	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 341 & 342 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
143 – Rig and Furrow	NO56NW0165	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Towers 335, 336 & 340, as well as works around Tower 340 have the potential to impact on the sub-surface remains of the rig and furrow, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
144 – Farmstead	Canmore ID 68730, 68731, 68732 NO56NW0063	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to and works around Tower 338 will impact within the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
148 – Farmstead	NO56NW0026	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 335 & 336 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
151 – Farmstead	Canmore ID 68682 NO56NW0023	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 335 and works around Tower 336 have the potential to impact on the edge of the field systems related to the farmstead, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
153 – Farmstead	Canmore ID 35019 NO56NW0028	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Works around Tower 334 have the potential to impact upon the remains of the farmstead where the existing tracks are not used such that the asset may be slightly altered, therefore the impacts from the Proposed Development is deemed to be Minor adverse.	Slight adverse
156 – Farmsteads with Rig and Furrow	NO46SE0047	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 325-330 & 332, as well as works around Towers 325-330 have the potential to impact upon the sub-surface remains of the rig and furrow, but will leave the significance unchanged, therefore the impacts from the Proposed Development are deemed to be Negligible adverse.	Neutral
159 - Farmstead	NO46SE0056	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 316-320 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
160 – House (Category B)	LB12333 Canmore ID 193854 NO46SE0055	The value of the asset is deemed to be high as the asset is of national importance as a Category B Listed Building.	Access to Towers 316-320 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
164 – Standing stone (SM)	SM118 Canmore ID 33916 NO46SW0006	The value of the asset is deemed to be high as an asset of national importance and designated as a Scheduled Monument.	Works around Tower 307 have the potential to impact upon the standing stone and the scheduled area surrounding it, as well as the wider area demarcated by the HER. Potential impacts upon these associated elements may result in the asset being slightly altered. Therefore, the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse
165 – Farmstead	NO45NW0059	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 305 & 306 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
166 – Farmstead and Mill	NO45NW0068	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 303 & 304 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
167 – Cropmarks	Canmore ID 73184 NO45NW0035	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Tower 300 will potentially pass over the north-west corner of the cropmarks, but no impacts are anticipated. Neither is it anticipated that works around Tower 301 will impact upon the cropmarks as they are on the edge of the 100 m buffer and on the opposite side of the road through this area. Therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
168 – Pit-defined Enclosure	NO45NW0038	The value of the asset is deemed to be medium as the asset is of regional importance.	Access to Tower 297 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
169 – Farmstead	NO45NW0064	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 297 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
173 – Fort and Settlement	SM6452 Canmore ID 33713; 33728; 33727	The value of the asset is deemed to be high as an asset of national importance and designated as a Scheduled Monument.	It is not anticipated that works around Tower 294 will impact upon the fort and settlement as it is on the edge of the 100 m buffer, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
	NO45NW0010; NO45NW0024; NO45NW0023			
175 - Cropmarks	Canmore ID 73185 NO45NW0036	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Towers 294 & 295, as well as works around Towers 293 & 294 have the potential to impact upon the sub-surface archaeological remains, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
176 – Cortachy Castle (GDL)	GDL00108	The value of the asset is deemed to be high as an asset of national importance listed within the Inventory of Gardens & Designed Landscapes.	The GDL enters the buffers around Towers 293, 295 & 296, but the towers are on the opposite side of the River South Esk from the GDL, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
178 – Road and Bridge	NO45NW0048	The value of the asset is deemed to be low as the asset is of local importance.	Access to Tower 293 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
181 – Enclosed Settlement (SM)	SM6306 Canmore ID 32201 NO35NE0034	The value of the asset is deemed to be high as an asset of national importance and designated as a Scheduled Monument.	The scheduled area of this asset enters the northern edge of the buffer around Tower 292, but it is not anticipated that this will be impacted, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
183 – Ring Ditches	Canmore ID 32218 NO35NE0005	The value of the asset is deemed to be medium as the asset is of regional importance.	Works around Tower 289 have the potential to impact upon any sub-surface remains related to the ring ditch such that the asset may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse
184 – Ring Ditches	Canmore ID 68323 NO35NE0063	The value of the asset is deemed to be medium as the asset is of regional importance.	Access to and works around Tower 288 have the potential to impact upon any sub-surface remains related to the ring ditch such that the asset may be slightly altered, therefore the impact	Slight adverse

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
			from the Proposed Development is deemed to be Minor adverse.	
186 – Settlement	NO35NE0068	The value of the asset is deemed to be medium as the asset is of regional importance.	Access to Towers 286 & 287 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
187 – Farmstead	NO35NE0100	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 283-286 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
188 – Croft	NO35NE0076	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Works around Tower 280 have the potential to impact upon sub-surface remains of the former enclosure that surrounded the farmstead, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
191 – Rig and Furrow	Canmore ID 32197 NO35NE0030	The value of the asset is deemed to be negligible as there is very little surviving elements of archaeological interest.	Access to Towers 279 & 280, as well as works around Towers 278 & 279 have the potential to impact upon the south-east edge of the rig and furrow remains, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
192 – Rig and Furrow	Canmore ID 32223 NO35NE0054	The value of the asset is deemed to be negligible as there is very little surviving elements of archaeological interest.	Access to Towers 275-277 and works around Tower 276 & 277 have the potential to impact upon the south-east edge of the rig and furrow remains, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
194 – Rig and Furrow	Canmore ID 32277 NO35NW0046	The value of the asset is deemed to be negligible as there is very little surviving elements of archaeological interest.	Access to and works around Tower 275 have the potential to impact upon the south-east edge of the rig and furrow remains, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
195 – Farmstead	NO35NW0072	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 274 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
196 – Quarries	NO35NW0056	The value of the asset is deemed to be negligible as there is very little archaeological interest.	Access to Tower 272 will avoid the asset due to the large depression left by the quarry, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
203 – Church (Category C)	LB11412 Canmore ID 32254 NO35NW0003	The value of the asset is deemed to be medium as the asset is of regional importance as a Category C Listed Building.	Access to Tower 269 passes the asset where a track already exists, and it is not anticipated that works around Tower 269 will impact upon the church as it is on the edge of the 100 m buffer, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
205 – Findspot	Canmore ID 32255-32258, 32279 NO35NW0005	The value of the asset is deemed to be negligible as the archaeological remains have been removed.	As there are no physical remains of the asset at this location the impact from the Proposed Development will be No Change.	Neutral
206 – Cists	Canmore ID 32280 NO35NW0006	The value of the asset is deemed to be medium as the asset is of regional importance.	It is not anticipated that works around Tower 269 will impact upon the features within the churchyard as it is on the edge of the 100 m buffer, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
209 – Enclosure	Canmore ID 157712 NO35SW0071	The value of the asset is deemed to be negligible as there is very little archaeological interest.	Access to and works around Tower 263 have the potential to impact upon the plantation bank such that the asset may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse
214 – Souterrain and Cottage	Canmore ID 32383 NO35SW0041	The value of the asset is deemed to be low as the asset may be of local importance with some surviving sub surface remains.	Works around Tower 256 have the potential to impact upon the sub-surface remains of the former cottage or possible souterrain, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
215 – Cropmark	Canmore ID 285808	The value of the asset is deemed to be medium as the asset is of regional importance.	It is not anticipated that works around Tower 255 will impact upon the features within the churchyard as it is on the edge of the 100 m buffer, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
216 – Farmstead	Canmore ID 192676 NO35SW0089	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 254 & 255 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
217 – Pits	Canmore ID 278650	The value of the asset is deemed to be medium as the asset may be of local importance with some possible sub-surface remains.	Works around Tower 254 have the potential to impact upon the sub surface cropmark remains such that the asset may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse
219 – Cinerary Urn	Canmore ID 32364 NO35SW0024	The value of the asset is deemed to be negligible as the archaeological remains have been removed.	As there are no physical remains of the asset at this location the impact from the Proposed Development will be No Change.	Neutral
220 – Cropmarks	Canmore ID 72303 NO35SW0063	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	The far north-eastern corner of the cropmarks enters the southern edge of the access buffer to Tower 253, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
225 – Rig and Furrow	Canmore ID 278753 MPK16596	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to and works around Tower 241 have the potential to impact upon the sub-surface remains of the rig and furrow, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
228 – Enclosure (SM)	SM7263 Canmore ID 30728; 30743 MPK4865; MPK4873	The value of the asset is deemed to be high as an asset of national importance and designated as a Scheduled Monument.	The Proposed Development passes over the Scheduled Monument of Haughend enclosure, which consists of cropmarks related to an enclosure, pit alignments and linear features. The site consists of a scheduled area comprising a rectangular area within arable fields, with an associated unscheduled area covering a larger portion of the fields to the	Large adverse

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
			south-east. The Proposed Development works in their current form would require construction vehicles to enter and track through the scheduled area in order to access Tower 239. The tower is on the south-west edge of the scheduled area, but lies within the site boundary. As there is no existing access track there is the potential for excavations to be required within the scheduled area to provide access, and works may involve the ground breaking and excavations around the tower base to an extent that the asset is clearly modified. The likely magnitude of impact from these works is anticipated to be Moderate adverse.	
229 – Railway Bridge	MPK17927	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 238 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
232 – Moated Settlement (SM)	SM7262 Canmore ID 30750 MPK5366	The value of the asset is deemed to be high as an asset of national importance and designated as a Scheduled Monument.	The buffers surrounding the access to Tower 237 and around Tower 326 are at the very edge of the scheduled area and will not impact upon this element of the moated settlement. The wider area demarcated by the HER is within the access and tower buffers and there is the potential for impacts upon these associated elements such that the asset may be slightly altered. Therefore, the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse
237 – Ring Ditch (SM)	SM7324 Canmore ID 30976 MPK5170	The value of the asset is deemed to be high as an asset of national importance and designated as a Scheduled Monument.	The buffer surrounding the access to Tower 220 is at the very edge of the scheduled area and will not impact upon this element of the ring ditch. The wider area demarcated by the HER is within the access corridor but is surrounded by trees and it is not anticipated that the access track will impact upon the asset. Therefore, the impact from the Proposed Development is deemed to be No Change.	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
239 – Monastic Grange (SM)	SM7327 Canmore ID 71455 MPK6123	The value of the asset is deemed to be high as an asset of national importance and designated as a Scheduled Monument.	The scheduled area around the monastic grange enters the south-west edge of the buffer surrounding the access to Tower 219. However, the scheduled area is on the opposite side of the existing main road so there will be no impacts on the area, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
240 – Farmstead	Canmore ID 30932 MPK5010	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 218 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
243 – Ring Ditches	Canmore ID 30970 MPK5037	The value of the asset is deemed to be medium as the asset is of regional importance, surviving as sub-surface remains.	Works around Tower 211 have the potential to impact on the edge of the ring ditch cropmark area, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
244 – Farmstead	MPK16331	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to and works around Tower 210 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
245 – Farmstead	MPK16330	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 209 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
246 – Road	MPK5968	The value of the asset is deemed to be low as the asset is of local importance.	Access to Towers 206-208 and works around Tower 207 use the road, which is now the A984, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
248 – Ring Ditch (SM)	SM7155 Canmore ID 73140 MPK6931	The value of the asset is deemed to be high as an asset of national importance and designated as a Scheduled Monument.	The Scheduled Monument of Hallhole ring ditch lies approximately 300 m north-west of the Proposed Development, and is situated within an arable field on the southern edge of a small area of woodland. The Proposed Development works in their current form would require construction vehicles to enter and track through the scheduled area in order to access Tower 205, which lies a few hundred metres to the west. As there is no	Large adverse

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
			existing access track there is the potential for excavations to be required within the scheduled area to provide access to the extent that the asset may be clearly modified. The likely magnitude of impact from these works is anticipated to be Moderate adverse.	
249 – Pits and Enclosure	MPK15119	The value of the asset is deemed to be medium as the asset is of regional importance.	Access to Towers 202-205 and works around Tower 204 have the potential to impact upon the subsurface cropmarks such that the asset may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse
251 – Settlement (SM)	SM7023 Canmore ID 28499 MPK3600	The value of the asset is deemed to be high as an asset of national importance and designated as a Scheduled Monument.	The Scheduled Monument of Hallhole enclosures and trackways lies approximately 200 m north-west of the Proposed Development, and is situated in the corner of an arable field. The Proposed Development works in their current form would require construction vehicles to enter and track through the western corner of the scheduled area in order to access Tower 203. As there is no existing access track there is the potential for excavations to be required within the scheduled area to provide access and impacts may arise such that the asset may be slightly altered. The likely magnitude of impact from these works is anticipated to be Minor adverse .	Moderate adverse
253 – Farmstead	MPK15118	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 202 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
255 – Enclosure (SM)	SM7042 Canmore ID 28522 MPK5458	The value of the asset is deemed to be high as an asset of national importance and designated as a Scheduled Monument.	Works around Tower 201 have the potential to impact upon the scheduled area of the enclosure which protrudes into the southern edge of the tower buffer. Impacts may occur that the asset may be slightly altered. Therefore, the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
256 – Farmstead	MPK14688	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 201 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
260 – Railway	MPK9235	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Towers 194-197 and works around Tower 197 passes over the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
262 – Stone Circle (SM)	SM5408 Canmore ID 28486 MPK3566	The value of the asset is deemed to be high as an asset of national importance and designated as a Scheduled Monument.	The Scheduled Monument of Gallowhill Stone Circle lies approximately 200 m south-east of the Proposed Development, set within an area of woodland at the south-east corner of a pastoral field. The Proposed Development works in their current form would require construction vehicles to enter and track through the scheduled area in order to access Tower 193. As there is no existing access track there is the potential for excavations to be required within the scheduled area to provide access to the extent that the asset may be clearly modified. The likely magnitude of impact from these works is anticipated to be Moderate adverse.	Large adverse
263 – Road	Canmore ID 28509, 28548 MPK3605	The value of the asset is deemed to be low as the asset is of local importance with some surviving visible remains.	Works around Towers 191-193 have the potential to impact upon the subsurface remains of the road, which lies to the north-west of each tower, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
264 – Road	Canmore ID 28490 MPK3568	The value of the asset is deemed to be low as the asset is of local importance with some surviving visible remains.	Access to Towers 192 & 193 have the potential to impact upon the remains of the road, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
266 – Pictish Stone	Canmore ID 28487 MPK15074	The value of the asset is deemed to be low as the asset is of local/regional importance but their exact location is unknown.	Works around Tower 191 have the potential to impact upon the location of these buried stones such that the asset may be	Slight adverse

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
			slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	
267 – Spring and Human Remains	Canmore ID 28478 MPK3559	The value of the asset is deemed to be low as the asset is of local importance with some potential for sub surface archaeological remains.	Works around Tower 190 have the potential to impact upon the spring/well and any sub surface burials that may be in the area such that the asset may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Neutral
271 – Cup and Ring Marked Stone (SM)	SM1509 Canmore ID 28482 MPK3563	The value of the asset is deemed to be high as an asset of national importance and designated as a Scheduled Monument.	The stone is within the access corridor for Tower 189, but is located in a field to the south-east and it is anticipated that there will be no impact from access in this area, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
273 – Farmstead	Canmore ID 277633 MPK15509	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 186 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
274 – Road	MPK3718	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Tower 187 has the potential to impact on the remains of the road, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
278 – Standing Stones (SM)	SM7298 Canmore ID 28636 MPK3674	The value of the asset is deemed to be high as an asset of national importance and designated as a Scheduled Monument.	The Scheduled Monument of Loanhead standing stones lies approximately 220 m east of the Proposed Development, set within a linear area of woodland dividing the arable fields on either side. The Proposed Development works in their current form would require construction vehicles to enter and track through the scheduled area in order to access Tower 181. As there is no existing access track there is the potential for excavations to be required within the scheduled area to provide access to the extent that the asset may be clearly modified. The likely magnitude of impact from these works is anticipated to be Moderate adverse.	Large adverse

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
283 – Stone Circle	MPK5321	The value of the asset is deemed to be medium as the asset is of regional importance and survives in relatively good condition.	Access to Towers 176 & 177 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
286 – Farmstead	Canmore ID 277613 MPK15494	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	The edge of the farmstead is within the access corridor to Tower 173, but it is not anticipated that the works will impact upon the asset, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
287 – Findspot	MPK3682	The value of the asset is deemed to be negligible as the archaeological remains have been removed.	As there are no physical remains of the asset at this location the impact from the Proposed Development will be No Change.	Neutral
292 – Tank Ditches	MPK15420	The value of the asset is deemed to be low as the asset is of local importance with surviving subsurface elements.	Access to Tower 170 passes over the subsurface remains of the southern ditch edge, and the buffer for works around Tower 172 clip the edge of the ditch location, but no impacts are anticipated. Therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
295 – Enclosure	Canmore ID 83908 MPK5823	The value of the asset is deemed to be medium as the asset is of regional importance, surviving as subsurface remains.	Access to Towers 164-166 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
296 – Enclosure	Canmore ID 28172 MPK3296	The value of the asset is deemed to be medium as the asset is of regional importance, surviving as subsurface remains.	Access and works around Tower 166 have the potential to impact upon the subsurface remains of the ring ditch such that the asset may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse
298 – Pits	Canmore ID 141280 MPK9745	The value of the asset is deemed to be medium as the asset is of regional importance, surviving as subsurface remains.	Access to and works around Tower 163 have the potential to impact upon the subsurface remains of the pit features such that the asset may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse
299 – Square Barrows	Canmore ID 125852 MPK8597	The value of the asset is deemed to be medium as the asset is of regional importance, surviving as subsurface remains.	Access to Tower 163 passes over the subsurface remains of the square barrows, but no impacts are anticipated, therefore the	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
			impact from the Proposed Development is deemed to be No Change.	
300 – Enclosures and Pits	MPK9746	The value of the asset is deemed to be medium as the asset is of regional importance, surviving as subsurface remains.	Access to Tower 163 passes the asset on the opposite side of a drain or watercourse, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
304 – Roman Road	Canmore ID 238763 MPK19105	The value of the asset is deemed to be negligible as there is very little surviving elements of archaeological interest.	Works around Tower 161 have the potential to impact upon the possible remains of a Roman road, but will leave the significance unchanged. Therefore, the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
308 – Rig and Furrow	Canmore ID 163357 MPK11115	The value of the asset is deemed to be negligible as there is very little surviving elements of archaeological interest.	Access to and works around Tower 160 have the potential to impact upon the subsurface remains of the rig and furrow, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
309 – Field Boundary	Canmore ID 163356 MPK11114	The value of the asset is deemed to be negligible as there is very little surviving elements of archaeological interest.	Access to and works around Tower 160 have the potential to impact upon the subsurface remains of the field boundary, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
312 – Linear features	Canmore ID 26777 MPK2089	The value of the asset is deemed to be low as the asset is of local importance with some surviving subsurface elements.	Access to Towers 158 & 159, and works around Tower 158 have the potential to impact upon the subsurface remains of the linear features, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
313 – Standing Stone	Canmore ID 26805 MPK2115	The value of the asset is deemed to be medium as the asset is of regional importance, surviving as subsurface remains.	The standing stone is outside the buffer of Tower 157 but the associated area enters the southern edge of it. It is anticipated that there will be no impacts to the stone, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
319 – Field Boundary	Canmore ID 26780 MPK2092	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest	Access to Towers 151-153 passes over the subsurface remains of agricultural features, but no impacts are anticipated, therefore	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
			the impact from the Proposed Development is deemed to be No Change.	
321 – Rig and Furrow	Canmore ID 26781 MPK2093	The value of the asset is deemed to be negligible as there is very little surviving elements of archaeological interest.	Access to Towers 151-153 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
323 – Water Meadow	Canmore ID 179499 MPK12054	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Tower 148, and works around Towers 148 and 149 have the potential to impact upon the water meadow, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
324 – Lades	MPK3508, MPK18488, MPK18510, MPK18509, MPK18479, MPK18492	The value of the asset is deemed to be medium as the asset is of regional importance.	The lades are within the buffers around Towers 146 & 147 but it is not anticipated that they will be impacted by the works as they are active watercourses, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
326 – Mills	Canmore ID 108393 MPK8012, MPK18489	The value of the asset is deemed to be medium as the asset is of regional importance.	The mills are within the buffer around Tower 147 but will not be impacted upon as they are on the opposite side of the town lades from the tower, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
327 – Chapel and Holy Well	Canmore ID 26793, 26759 MPK2072, MPK2104	The value of the asset is deemed to be medium as the asset is of regional importance.	The chapel and holy well are within the buffer around Tower 147 but will not be impacted upon as they are on the opposite side of the town lades from the tower, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
328 – Railway	MPK6724 MPK18487	The value of the asset is deemed to be negligible as there is very little surviving elements of archaeological interest.	Access to Towers 145 & 147 have the potential to impact upon the subsurface remains of the railway line, but will leave the significance unchanged. Works around Tower 146 will not have any impact as the railway is on the opposite side of Castle Brae.	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
			Therefore, the impact from the Proposed Development is deemed to be Negligible adverse.	
330 – Mill and Lade	MPK17939, MPK18492, MPK18486	The value of the asset is deemed to be medium as the asset is of regional importance.	The mills are within the buffer for Tower 146 but are located across the opposite side of Castle Brae so will not be impacted, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
331 – Field Boundaries	Canmore 26747 MPK2060	The value of the asset is deemed to be negligible as there is very little surviving elements of archaeological interest.	Access to and works around Tower 146 have the potential to impact upon the field boundary cropmarks, but will leave their significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
337 – Lodge (Category B)	LB18303 Canmore ID 88151 MPK6801	The value of the asset is deemed to be high as the asset is of national importance as a Category B Listed Building.	Access to Towers 141 & 142 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
341 – Road	MPK18634	The value of the asset is deemed to be high as the asset is of national importance, as a key element of the Registered Battlefield of the Battle of Tippermuir.	Access to and works around Tower 140 have the potential to impact upon the road, such that the resource may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse
344 – Battlefield	BTL39	The value of the asset is deemed to be high as the asset is of national importance as a Registered Battlefield.	The Proposed Development passes through the Registered Battlefield of the Battle of Tippermuir, which is bounded by the A9 to the south and east, and includes the settlement of Tibbermore. The Proposed Development works in their current form would require vehicles to enter and track through the battlefield in order to access Towers 137-142. Some elements of the access tracks within the battlefield will use existing tracks, but there are a number of sections where access tracks do not exist. Furthermore, Tower 140 lies to the immediate north of a key element of the Battlefield, Old Gallows Road, and access to the tower uses this former road. Where there are no existing	Moderate adverse

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
			access tracks there is the potential for disturbance by vehicular access, and there is also the potential for upgrades to be required along Old Gallows Road. Any works around the tower bases may also involve ground breaking and excavation. The likely magnitude of impact from these works is anticipated to be Minor adverse.	
345 – Farmstead	Canmore ID 88399 MPK7268	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 139 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
347 – Milestone	Canmore ID 354748 MPK19505	The value of the asset is deemed to be negligible as the archaeological remains have been removed.	As there are no physical remains of the asset at this location the impact from the Proposed Development will be No Change.	Neutral
349 – Farmstead	Canmore ID 88401 MPK7270	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 136 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
351 – Farm Building	Canmore ID 88422 MPK6059	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Tower 135 and works around Tower 134 have the potential to impact upon subsurface remains of the building and associated features, but will leave their significance unchanged, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
352 – Farmstead	Canmore ID 90409, 90412 MPK7756	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 128-131 passes through the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
353 – Battery	Canmore ID 161411 MPK10796	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Towers 128-131 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
354 – Quarry	Canmore ID 88444 MPK7435	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Tower 127 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
355 – Bridge	Canmore ID 100287 MPK7899	The value of the asset is deemed to be low as the asset is of local importance.	Access to Tower 126 will have no impact on the railway bridge as it is still in use, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
358 – Freeland Farm	Canmore ID 127673 MPK8702	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 121 & 122 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
364 – Rig and Furrow	Canmore ID 89764 MPK7595	The value of the asset is deemed to be low as the asset is of local importance with visible earthwork elements.	Works around Tower 117 have the potential to impact upon the subsurface remains of rig and furrow, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
365 – Quarry	Canmore ID 88821 MPK6210	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Tower 117 passes over the quarry location, but no impacts are anticipated, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
367 – Farmstead	Canmore ID 88810 MPK6227	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 116 & 117 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
369 – Farmstead	Canmore ID 88811 MPK6221	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 116 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
370 – Hollow Way	MPK17806	The value of the asset is deemed to be low as the asset is of local importance with visible earthwork elements.	Access to Tower 112 & 113 has the potential to impact upon the hollow way, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
377 – Rig and Furrow	Canmore ID 113078 MPK8205	The value of the asset is deemed to be low as the asset is of local importance with visible earthwork elements.	Access to Towers 110 & 111 has the potential to impact upon the rig and furrow remains, but will leave the significance	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
			unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	
379 – Settlement	Canmore ID 274021 MPK14585	The value of the asset is deemed to be medium as the asset is of regional importance.	Access to Tower 105 has the potential to impact upon the remains of the settlement such that the asset may be slightly altered, therefore the impact from the Proposed Development is deemed to be Minor adverse.	Slight adverse
381 – Farmstead	Canmore ID 140714 MPK9734	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Towers 96 & 97 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
382 – Farmstead	Canmore ID 162180 MPK10964	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 94 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
383 – Village	Canmore ID 162172 MPK10956	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 84 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
385 – Township	Canmore ID 162266 MPK10989	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Access to Tower 78 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
386 – Cremation Cemetery	Canmore ID 26487 MPK1816	The value of the asset is deemed to be medium as the asset is of regional importance.	Access to Tower 74 passes over the cremation cemetery, but no impacts are anticipated, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
388 – Pit Alignment	Canmore ID 88643 MPK6218	The value of the asset is deemed to be medium as the asset is of regional importance, surviving as subsurface remains.	Access to Tower 66 passes over the pit alignment, but no impacts are anticipated, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
389 – Enclosure	Canmore ID 26504 MPK1832	The value of the asset is deemed to be medium as the asset is of regional importance, surviving as subsurface remains.	Access to Towers 61-63 passes over the enclosure, but no impacts are anticipated, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral

Asset number and brief description	Ref Number	Asset Sensitivity / Value	Magnitude of impact	Significance of effect
390 – Settlement	Canmore ID 26503 MPK1831	The value of the asset is deemed to be medium as the asset is of regional importance. Surviving as subsurface remains.	Works around Tower 60 will have no impact upon the settlement as it is located on the opposite side of the Gelvan Moor Road, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
393 – Boundary Stone	Canmore ID 49659 MPK5609	The value of the asset is deemed to be low as the asset is of local importance.	Access to Tower 54 are not anticipated to impact upon the stone as it lies at the southern edge of the access corridor, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral
396 – Railway	MPK17950, MPK17951, MPK17952	The value of the asset is deemed to be low as the asset is of local importance with some surviving original elements.	Works around Tower 43 & 44 have the potential to impact on the remains of the railway line, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
398 – Tile Works	Canmore ID 78989 MPK6840	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Works around Tower 43 have the potential to impact upon the subsurface remains of the Tile Works, but will leave the significance unchanged, therefore the impact from the Proposed Development is deemed to be Negligible adverse.	Neutral
399 – Findspot	Canmore ID 49650 MPK5604	The value of the asset is deemed to be negligible as the archaeological remains have been removed.	As there are no physical remains of the asset at this location the impact from the Proposed Development will be No Change.	Neutral
400 – Blairingone Colliery	MPK17473, MPK17467	The value of the asset is deemed to be negligible as there is very little or no surviving elements of archaeological interest.	Access to Tower 34 passes the asset where a track already exists, therefore the impact from the Proposed Development is deemed to be No Change.	Neutral