

# Frontiers of the Roman Empire

## 1. World Heritage Property Data

### 1.1 - Name of World Heritage property

Frontiers of the Roman Empire

### 1.2 - World Heritage property details

### 1.3 - Geographic information table

Name	Coordinates	Property (ha)	Buffer zone (ha)	Total (ha)	Inscription year
	0 / 0	?	?	?	
	0 / 0	?	?	?	
Hadrian's Wall in wall mile 5, sections of wall in playing field of Rutherford School	54.977 / -1.661	0.302	?	0.302	
Hadrian's Wall vallum in wall mile 6, Benwell length of vallum of Hadrian's Wall in grounds of St Cuthbert's School	54.979 / -1.675	0.35	?	0.35	
Hadrian's Wall in wall mile 6, Condercum Roman fort, Benwell	54.977 / -1.667	0.486	?	0.486	
Hadrian's Wall in wall mile 7, Benwell length of vallum of Hadrian's Wall in the grounds of Benwell Hill Cricket Club	54.98 / -1.681	0.341	?	0.341	
Hadrian's Wall in wall mile 7, Scotswood section of Hadrian's Wall in the grounds of Benwell Hill Cricket Club	54.981 / -1.68	0.156	?	0.156	
Hadrian's Wall and vallum in wall mile 7, Scotswood section from Denton Road to Denton Dene	54.983 / -1.686	0.039	?	0.039	
Hadrian's Wall and vallum in wall mile 7, Denton section of Hadrian's Wall, Denton Turret and Hadrian's Wall at West Denton	54.985 / -1.696	0.131	?	0.131	
Hadrian's Wall and vallum in wall mile 7, Scotswood section of vallum 75m long at Denton Dene	54.982 / -1.688	0.172	?	0.172	
Hadrian's Wall in wall mile 7, Scotswood section of Hadrian's Wall in garden of West Road Methodist Chapel	54.982 / -1.684	0.012	?	0.012	
Hadrian's Wall in wall mile 0, section between Eastfield Avenue and Tumulus Avenue	54.986 / -1.541	0.16	?	0.16	
Hadrian's Wall in wall mile 1, three sections between Stotts Road and Vauxhall Road	54.985 / -1.546	0.144	?	0.144	
Hadrian's Wall in wall mile 2, Byker section of Hadrian's Wall and presumed site of milecastle 3 at Shields Road West	54.976 / -1.589	0.102	?	0.102	
Hadrian's Wall in wall mile 2, Walker section of Hadrian's Wall under the forecourt of the Fosse public house	54.981 / -1.563	0.037	?	0.037	
Hadrian's Wall in wall mile 2, Walker section of Hadrian's Wall 171m long across Millers Dene playing field	54.984 / -1.55	0.238	?	0.238	
Hadrian's Wall in wall mile 2, Walker section of Hadrian's Wall near the junction of Fossway and Shields Road	54.978 / -1.573	0.084	?	0.084	
Hadrian's Wall in wall mile 4, sections of wall between Crawhall Road and Jubilee Road	54.972 / -1.602	0.115	?	0.115	
Roman aqueduct to Great Chesters from the Cawburn	55.001 / -2.452	12.353	?	12.353	
Hadrian's Wall and vallum in wall mile 8 from Denton to Blucher	54.991 / -1.721	7.22	?	7.22	
Hadrian's Wall and vallum in wall mile 9, Blucher to Dene House	54.994 / -1.741	4.751	?	4.751	
Hadrian's Wall and vallum in wall mile 10 from Dene House to Throckley Bank Top	54.996 / -1.762	3.016	?	3.016	
Roman fort, South Shields	55.004 / -1.431	3.537	?	3.537	

Hadrian's Wall in wall mile 0, Wallsend Roman fort, Segedunum	54.988 / -1.533	1.571	?	1.571	
Hadrian's Wall in wall mile 0, two sections of Hadrian's Wall between Sharpe Road and The Avenue	54.987 / -1.537	0.215	?	0.215	
Red House Roman camp	55.004 / -2.191	1.83	?	1.83	
Roman camp, 290m north west of Seldom Seen	55.004 / -2.284	1.776	?	1.776	
Corbridge (Corstopitum) Roman station	54.98 / -2.036	81.212	?	81.212	
Roman fort and watch tower, 800m SSW of Amberfield	54.914 / -3.055	7.985	?	7.985	
Cardurnock milefortlet (Mf 5)	54.913 / -3.295	0.733	?	0.733	
The Stangate at Crosby Lodge	54.929 / -2.854	0.393	?	0.393	
Burrow Walls Roman fort	54.656 / -3.547	1.85	?	1.85	
Beckfoot Roman fort	54.826 / -3.418	1.5	?	1.5	
Roman fortlet 40m SSW of Castle Fields	54.824 / -3.422	0.624	?	0.624	
Parton Roman fort	54.572 / -3.576	9.355	?	9.355	
Cardurnock Marsh turret 4a	54.923 / -3.292	0.035	?	0.035	
Pasture House turret 3a	54.931 / -3.279	0.064	?	0.064	
Hadrian's Wall and vallum in wall mile 66, Stanwix Bank to Stainton	54.9 / -2.952	2.872	?	2.872	
Ravenglass Roman fort bath-house, also known as Walls Castle	54.351 / -3.404	0.088	?	0.088	
Willowford Roman temporary camp	54.988 / -2.587	1.295	?	1.295	
Watchclose Roman temporary camp	54.934 / -2.82	1.245	?	1.245	
Throp Roman fortlet	54.987 / -2.578	0.695	?	0.695	
Nowtler Hill 1 Roman temporary camp	54.904 / -2.995	1.033	?	1.033	
Nowtler Hill 2 Roman temporary camp	54.902 / -3	0.953	?	0.953	
Boomby Lane 1 and 2 Roman temporary camps	54.907 / -2.986	4.242	?	4.242	
Hadrian's Wall and vallum from Throckley to East Town House, Heddon-on-the-Wall in wall mile 11	54.996 / -1.778	13.143	?	13.143	
Hadrian's Wall and vallum from East Town House, Heddon-on-the-Wall to the A69 trunk road in wall mile 12	54.998 / -1.8	9.864	?	9.864	
Hadrian's Wall and vallum between the March Burn and Oatens Bank, Harlow Hill in wall miles 13,14 and 15	55.005 / -1.856	29.581	?	29.581	
Hadrian's Wall from Oatens Bank, Harlow Hill, to Whittle Dene Watercourse in wall mile 16	55.009 / -1.889	3.324	?	3.324	
The vallum between Oatens Bank, Harlow Hill, and Whittle Dene Watercourse in wall mile 16	55.007 / -1.889	5.069	?	5.069	
Hadrian's Wall and vallum between the B6309 and the B6321 in wall miles 16, 17 and 18	55.009 / -1.922	29.438	?	29.438	
Hadrian's Wall and vallum between Sunnybrae at Halton Shields and Haltonchesters Roman fort in wall miles 20 and 21	55.012 / -1.988	21.381	?	21.381	

Haltonchesters Roman fort, settlement & Hadrian's Wall & vallum between the field boundary east of Haltonchesters fort & the Fence Burn in wall mile 2	55.01 / -2.007	12.589	?	12.589	
Hadrian's Wall and vallum between the Fence Burn and the track to Portgate Cottage in wall miles 21 and 22	55.011 / -2.021	19.035	?	19.035	
Hadrian's Wall and vallum between the track to Portgate Cottage and the field boundary east of milecastle 24 in wall miles 22 and 23	55.016 / -2.048	24.867	?	24.867	
Haltwhistle Burn 4 Roman temporary camp	54.992 / -2.449	0.206	?	0.206	
Milestone House Roman temporary camp and section of the Stanegate Roman road	54.989 / -2.437	21.286	?	21.286	
Markham Cottage Roman temporary camps 1 and 2, a section of the Stanegate Roman road, a length of Roman road and two Roman cemeteries	54.988 / -2.459	23.973	?	23.973	
Lees Hall Roman camp	54.985 / -2.463	3.133	?	3.133	
Walwick Fell Roman temporary camp	55.032 / -2.179	1.34	?	1.34	
Brown Dikes Roman temporary camp	55.027 / -2.252	1.254	?	1.254	
Coesike East Roman temporary camp	55.026 / -2.285	0.616	?	0.616	
Coesike West Roman temporary camps 1 and 2	55.025 / -2.286	0.89	?	0.89	
Grindon School Roman temporary camp	55.022 / -2.293	0.608	?	0.608	
Seatsides 1 Roman temporary camp and section of the Stanegate Roman road from the west side of the road from Once Brewed to the south side of the B631	54.988 / -2.407	15.985	?	15.985	
Seatsides 2 Roman temporary camp	54.992 / -2.388	5.362	?	5.362	
Bean Burn 1 Roman temporary camp	54.988 / -2.381	0.733	?	0.733	
Bean Burn 2 Roman temporary camp	54.988 / -2.384	0.124	?	0.124	
Chesters Pike Roman temporary camp	54.998 / -2.46	1.367	?	1.367	
Haltwhistle Burn 1 Roman temporary camp, fortlet and section of the Stanegate	54.988 / -2.45	6.859	?	6.859	
Haltwhistle Burn Roman temporary camps 2 and 3 and area of cord rig cultivation	54.991 / -2.445	2.024	?	2.024	
Sunny Rigg 1 Roman temporary camp	54.984 / -2.477	1.14	?	1.14	
Sunny Rigg 2 Roman temporary camp	54.985 / -2.472	1.131	?	1.131	
Sunny Rigg 3 Roman temporary camp	54.987 / -2.469	0.269	?	0.269	
Fell End Roman temporary camp and section of the Stanegate Roman road	54.984 / -2.488	13.463	?	13.463	
Chapel Rigg Roman temporary camp	54.982 / -2.555	2.264	?	2.264	
Crooks Roman temporary camp	54.984 / -2.57	2.214	?	2.214	
The section of Stanegate Roman road from Fell End Roman temporary camp to the track to Old Shield, and the Roman cemetery adjacent to Carvoran Roman f	54.983 / -2.508	10.709	?	10.709	
Moss Side 1 and 2 Roman temporary camps	54.935 / -2.849	8.879	?	8.879	
Hadrian's Wall & vallum between field boundary east of milecastle 24 & field boundary west of the site of turret 25b in wall miles 24-25	55.019 / -2.083	31.756	?	31.756	

The Roman fort, vicus, bridge abutments and associated remains of Hadrian's Wall at Chesters in wall mile 27	55.025 / -2.143	27.572	?	27.572	
Hadrian's Wall and vallum between Chesters and the road to Simonburn in wall miles 27, 28 and 29	55.032 / -2.165	29.247	?	29.247	
Hadrian's Wall and vallum between the road to Simonburn and the field boundary east of Carrawburgh car park in wall miles 29, 30 and 31	55.037 / -2.202	25.891	?	25.891	
Hadrian's Wall and vallum between the field boundary west of Coventina's Well and the field boundary at Brown Dikes in wall miles 31 and 32	55.033 / -2.242	16.816	?	16.816	
Hadrian's Wall and vallum between the field boundary at Brown Dikes and the field boundary east of turret 34a in wall miles 32, 33 and 34	55.03 / -2.274	32.853	?	32.853	
Hadrian's Wall and associated features between the boundary east of turret 34a and the field boundary west of milecastle 36 in wall miles 34, 35 and 3	55.025 / -2.307	25.649	?	25.649	
The vallum and early Roman road between the field boundary east of turret 34a and the field boundary west of milecastle 36 in wall miles 34, 35 and 36	55.021 / -2.306	10.758	?	10.758	
Hadrian's Wall and associated features between the field boundary west of turret 37a and the road to Steel Rigg car park in wall miles 37, 38 and 39	55.005 / -2.369	34.87	?	34.87	
The vallum and a British settlement between the field boundary west of turret 37a & the road to Steel Rigg car park, in wall miles 37, 38 & 39	55 / -2.366	20.293	?	20.293	
Hadrian's Wall, associated features & a Romano-British settlement between the road to Steel Rigg car park & the road through Caw Gap in wall miles 39	55.001 / -2.41	22.973	?	22.973	
The vallum between the road to Steel Rigg car park and the road in Caw Gap in wall miles 39, 40 and 41	54.995 / -2.408	14.344	?	14.344	
Hadrian's Wall and vallum between the road to Caw Gap and the Caw Burn in wall miles 41 and 42	54.994 / -2.44	31.442	?	31.442	
Great Chesters Roman fort and Hadrian's Wall between the Caw Burn and the track to Cockmount Hill farm in wall miles 42 and 43	54.994 / -2.463	49.169	?	49.169	
Hadrian's Wall between Walltown Quarry East and Walltown Quarry West in wall mile 45	54.99 / -2.513	4.044	?	4.044	
The vallum between Cockmount Hill and Walltown Quarry West in wall miles 43, 44 and 45	54.99 / -2.494	12.656	?	12.656	
Hadrian's Wall and vallum between Baron's Dike and Birky Lane at Walby, in wall miles 60, 61 and 62.	54.938 / -2.861	38.219	?	38.219	
Hadrian's Wall and vallum between Birky Lane at Walby and the east side of the M6 in wall miles 62 and 63	54.925 / -2.894	28.822	?	28.822	
Brown Moor Roman temporary camp	55.029 / -2.246	0.36	?	0.36	
Hadrian's Wall between the road to Garthside and The Centurion Inn, Walton, in wall miles 54 and 55	54.972 / -2.732	8.413	?	8.413	
The vallum between the road to Garthside and the track east of Castlesteads in wall miles 54, 55 and 56	54.97 / -2.738	12.35	?	12.35	
Hadrian's Wall between Eden Vale house and the Cam Beck in wall mile 56	54.969 / -2.758	3.637	?	3.637	
Castlesteads Roman fort and the vallum between the track to the east of Castlesteads fort and the Cam Beck in the west	54.963 / -2.763	10.903	?	10.903	
Hadrian's Wall between the Cam Beck and Newtown Farm in wall miles 56 and 57	54.964 / -2.773	4.294	?	4.294	
The vallum between the field boundary south east of Heads Wood and the A6071 road in wall mile 57	54.958 / -2.778	1.701	?	1.701	
Hadrian's Wall & vallum from A6071 to The Cottage in the case of the Wall, & to the road to Oldwall, for the vallum, in wall miles 57, 58 & 59	54.949 / -2.797	21.377	?	21.377	
Hadrian's Wall between the road to Laversdale at Oldwall and Baron's Dike in wall miles 59 and 60	54.944 / -2.828	6.534	?	6.534	
The vallum between the road to Laversdale at Oldwall and Baron's Dike in wall miles 59 and 60	54.943 / -2.828	7.201	?	7.201	
Carvoran Roman fort and Hadrian's Wall and vallum between the unclassified road to Old Shield & the field boundary west of the fort in wall miles 45 &	54.986 / -2.524	23.578	?	23.578	

Hadrian's Wall and vallum between the field boundary west of Carvoran Roman fort and the west side of the B6318 road in wall mile 46	54.987 / -2.533	8.66	?	8.66	
Hadrian's Wall, vallum, section of the Stanegate Roman road and a Roman temporary camp between the B6318 road and Poltross Burn in wall miles 46 and 4	54.987 / -2.555	58.131	?	58.131	
Birdoswald Roman fort and the section of Hadrian's Wall and vallum between the River Irthing and the field boundaries east of milecastle 50	54.989 / -2.604	27.012	?	27.012	
Hadrian's Wall and vallum between the field boundaries east of milecastle 50 and the boundary west of Coombe Crag in wall miles 50 and 51	54.984 / -2.627	48.797	?	48.797	
Hadrian's Wall and vallum between the field boundary west of Coombe Crag and Banks Green Cottage and the road to Lanercost at Banks in wall miles 51 &	54.977 / -2.66	26.91	?	26.91	
Hadrian's Wall and vallum between Banks Green Cottage and the road to Lanercost at Banks and the road to Garthside in wall miles 52, 53 and 54	54.972 / -2.697	21.943	?	21.943	
Ravenglass Roman fort	54.35 / -3.406	2.292	?	2.292	
Beaumont motte castle and section of Hadrian's Wall in wall mile 70 including turret 70a	54.924 / -3.019	0.166	?	0.166	
Roman signal station on Mains Rigg	54.98 / -2.606	0.09	?	0.09	
Eight Roman inscriptions in the Roman quarry in Combrag Wood, 350m south of Hadrian's Wall	54.978 / -2.641	0.049	?	0.049	
Written Rock of Gelt: Roman quarry inscriptions	54.921 / -2.741	0.036	?	0.036	
Boothby Roman fort	54.959 / -2.713	1.034	?	1.034	
Brampton Old Church Roman fort and the medieval Church of St Martin	54.946 / -2.767	2.047	?	2.047	
Hadrian's Wall vallum between the dismantled railway north of Knockupworth Cottage and the dismantled railway south of Boomby Gill in wall mile 67	54.904 / -2.984	1.518	?	1.518	
Hadrian's Wall vallum between the dismantled railway south of Boomby Gill and the field boundary south east of Mill Beck in wall mile 68	54.908 / -2.992	5.375	?	5.375	
Hadrian's Wall between Grinsdale and the field boundary south of the site of St Andrew's Church, Kirkandrews on Eden in wall miles 68 and 69	54.913 / -2.999	5.173	?	5.173	
Hadrian's Wall vallum between Mill Beck and the field boundary east of Kirkandrews Farm in wall mile 69	54.996 / -1.778	3.307	?	3.307	
Hadrian's Wall between the field boundary to the south of the site of St Andrew's Church and Eden Bank at Beaumont in wall miles 69 and 70	54.921 / -3.013	2.78	?	2.78	
Hadrian's Wall vallum between the dismantled railway west of Kirkandrews Farm & the dismantled railway south east of Burgh by Sands in wall miles 70 &	54.919 / -3.03	9.561	?	9.561	
Hadrian's Wall between Fulwood House at Burgh by Sands and Burgh Marsh in wall miles 72 and 73	54.922 / -3.068	6.955	?	6.955	
Drumburgh Roman fort and Hadrian's Wall between Burgh Marsh and Westfield House in wall miles 76 and 77	54.93 / -3.158	8.761	?	8.761	
Hadrian's Wall vallum between the watercourse 400m south east of Glasson and the access road to Glendale caravan park in wall miles 76 and 77	54.935 / -3.169	6.631	?	6.631	
Hadrian's Wall and vallum between the access road to Glendale caravan park and the track south of Kirkland House in wall miles 77 and 78	54.942 / -3.181	4.723	?	4.723	
The Roman fort and associated civil settlement and a medieval tower house at Bowness on Solway at the west end of Hadrian's Wall in wall mile 80	54.952 / -3.215	4.277	?	4.277	
Silloth Golf Course tower 12a, 670m WNW of Blitterlees Farm, part of the Roman frontier defences along the Cumbrian coast	54.856 / -3.399	0.096	?	0.096	
Silloth Golf Course tower 12b, 410m north west of Heatherbank, part of the Roman frontier defences along the Cumbrian coast	54.851 / -3.402	0.081	?	0.081	
Rise How tower 25a, part of the Roman frontier defences along the Cumbrian coast including remains of prehistoric burial mound and early medieval kil	54.701 / -3.512	0.04	?	0.04	
Dubmill Point milefortlet 17, 560m WNW of Hill House, part of the Roman frontier defences along the Cumbrian coast	54.797 / -3.437	0.6	?	0.6	

Brownrigg milefortlet 22, 800m north east of the Cemetery Chapel, part of the Roman frontier defences along the Cumbrian coast	54.736 / -3.466	0.438	?	0.438	
Wolsty North tower 13a, 500m south west of Wolsty Farm, part of the Roman frontier defences along the Cumbrian coast	54.843 / -3.406	0.073	?	0.073	
Wolsty South tower 13b, 200m WNW of New House, part of the Roman frontier defences along the Cumbrian coast	54.838 / -3.408	0.085	?	0.085	
Bank Mill tower 15a, 250m north west of Belmont House, part of the Roman frontier defences along the Cumbrian coast	54.818 / -3.425	0.084	?	0.084	
Mawbray Sandpit tower 16b, 680m WSW of Hailforth, part of the Roman frontier defences along the Cumbrian coast	54.801 / -3.435	0.091	?	0.091	
Swarthy Hill North tower 20b, 460m south west of Blue Dial, part of the Roman frontier defences along the Cumbrian coast	54.75 / -3.446	0.063	?	0.063	
Brownrigg North tower 21b, 830m north west of Canonby Hall, part of the Roman frontier defences along the Cumbrian coast	54.739 / -3.46	0.09	?	0.09	
Maryport Golf Course tower 22a, 350m north of the Cemetery Chapel, part of the Roman frontier defences along the Cumbrian coast	54.734 / -3.472	0.063	?	0.063	
Vindolanda (Chesterholm) Roman forts, civil settlement and cemeteries, adjacent length of the Stanegate Roman road and two milestones	54.992 / -2.371	26.778	?	26.778	
Low Mire (milefortlet 20) 50m north of Heather Bank, part of the Roman frontier defences along the Cumbrian coast	54.757 / -3.436	0.249	?	0.249	
Sea Brows (milefortlet 23), 500m south west of Bank End part of the Roman frontier defences along the Cumbrian coast	54.728 / -3.485	0.36	?	0.36	
Blitterlees (milefortlet 12), part of the Roman frontier defences along the Cumbrian coast	54.86 / -3.397	0.372	?	0.372	
Herd Hill North (tower 3b), 175m north east of the sheep wash, part of the Roman frontier defences along the Cumbrian coast	54.931 / -3.287	0.07	?	0.07	
Pasture House (milefortlet 3), part of the Roman frontier defences along the Cumbrian coast	54.933 / -3.272	0.549	?	0.549	
Herd Hill (milefortlet 4) and associated parallel banks and ditches, part of the Roman frontier defences along the Cumbrian coast	54.926 / -3.29	0.675	?	0.675	
Campfield (tower 2b) & associated parallel ditches & Roman road, 350m south west of Campfield Farm part of Roman frontier defences along Cumbrian coas	54.935 / -3.265	1.242	?	1.242	
Biglands House (milefortlet 1) and associated parallel ditches, part of the Roman frontier defences along the Cumbrian coast	54.946 / -3.236	1.716	?	1.716	
Palisade ditches, part of Roman frontier defences along Cumbrian coast, Roman camp & road & part of Romano-British field system, 250m north of Silloth	54.874 / -3.383	2.528	?	2.528	
Swarthy Hill milefortlet 21, 80m south of the Saltpans, part of the Roman frontier defences along the Cumbrian coast	54.757 / -3.436	0.412	?	0.412	
Skinburness (milefortlet 9), part of the Roman frontier defences along the Cumbrian coast, and earlier Roman camp	54.892 / -3.359	1.066	?	1.066	
Maryport (Alavna) Roman fort, part of the Roman frontier defences along the Cumbrian coast, its associated vicus and a length of Roman road	54.723 / -3.491	20.763	?	20.763	
Bewcastle Roman fort, high cross shaft in St Cuthbert's churchyard, and Bew Castle medieval shell keep castle	55.064 / -2.682	3.907	?	3.907	
Hadrian's Wall between Apple Garth, Westfield, and the dismantled railway in wall mile 77	54.94 / -3.174	0.31	?	0.31	
Hadrian's Wall between the dismantled railway and the access road to Glendale caravan park in wall mile 77	54.94 / -3.176	0.39	?	0.39	
Burnhead Roman temporary camp	54.996 / -2.455	5.26	?	5.26	
Twice Brewed Roman temporary camp	54.995 / -2.391	2.168	?	2.168	
Carrawburgh Roman fort & Hadrian's Wall & vallum between the field boundary east of the fort & the field boundary west of Coventina's Well in wall mil	55.035 / -2.225	12.53	?	12.53	
Hadrian's Wall and vallum and their associated features between Poltross Burn and the River Irthing in wall mile 48	54.991 / -2.583	11.5	?	11.5	

The Roman bath house to the north east of Castlesteads Roman fort in wall mile 56	54.966 / -2.762	0.11	?	0.11	
Hadrian's Wall between Port Carlisle and Bowness-on-Solway in wall miles 78 & 79	54.949 / -3.2	5.456	?	5.456	
Hadrian's Wall vallum between the track south of Kirkland House and Bowness-on-Solway in wall miles 78 & 79	54.947 / -3.194	7.787	?	7.787	
Cardurnock (tower 4b) and earlier ditch system and patrol road, part of the Roman frontier defences along the Cumbrian coast	54.917 / -3.295	0.526	?	0.526	
Hadrian's Wall north of Kirkland House, Port Carlisle in wall mile 78	54.945 / -3.183	0.102	?	0.102	
Knockcross Roman temporary camp at Grey Havens	54.953 / -3.203	0.774	?	0.774	
Rudchester Roman fort, associated civil settlement and a section of Hadrian's Wall and vallum from the A69 to the March Burn in wall mile 13	55.001 / -1.821	24.445	?	24.445	
Hadrian's Wall and vallum between the B6321 and Sunnybrae at Halton Shields, in wall miles 18 and 19	55.012 / -1.958	20.445	?	20.445	
Hadrian's Wall between the track to Cockmount Hill and Walstown Quarry East in wall miles 43, 44 and 45	54.996 / -2.491	32.77	?	32.77	
Limestone Corner Roman temporary camp	55.037 / -2.194	0.846	?	0.846	
Cawfields Roman temporary camp	54.996 / -2.449	1.496	?	1.496	
Hadrian's Wall between the M6 motorway and the property boundaries to the east of Houghton Road in wall mile 64	54.919 / -2.913	1.775	?	1.775	
Hadrian's Wall vallum between the M6 motorway and Drawdykes Castle in wall mile 64	54.919 / -2.907	0.173	?	0.173	
Hadrian's Wall vallum between Drawdykes Castle and Whiteclosegate in wall mile 64	54.916 / -2.913	3.471	?	3.471	
Hadrian's Wall between Houghton Road and Tarraby in wall mile 64	54.915 / -2.92	0.943	?	0.943	
Hadrian's Wall between Tarraby and Beech Grove, Knowefield in wall miles 64 and 65	54.911 / -2.927	3.657	?	3.657	
Hadrian's Wall vallum between the boundaries north of the properties on Whiteclosegate and the field boundary west of Wall Knowe in wall miles 64 and	54.91 / -2.924	2.678	?	2.678	
Hadrian's Wall and vallum between the field boundary west of Wall Knowe and Scotland Road including the Roman fort at Stanwix in wall mile 65	54.904 / -2.933	14.08	?	14.08	
Roman quarry inscription on Queen's Crag, 680m south east of East Hotbank	55.029 / -2.323	0.011	?	0.011	
Stone circle, defended settlement, Romano-British farmstead & field system, Roman camp & group of shielings immediately south of Greenlee Lough	55.02 / -2.353	8.146	?	8.146	
Maiden Way Roman road from B6318 to 450m SW of High House, Gillalees Beacon signal station and Beacon Pasture early post-medieval dispersed settlement	55.02 / -2.638	14.52	?	14.52	
Hadrian's Wall vallum between West End, Burgh By Sands and the track to Dykesfield in wall miles 72 and 73	54.922 / -3.071	4.401	?	4.401	
Hadrian's Wall between the east end of Davidson's Banks & road to Grinsdale & vallum between Davidson's Banks & dismantled railway in wall miles 67 &	54.901 / -2.978	13.227	?	13.227	
Burgh by Sands Roman fort, Beaumont camp, Burgh Castle & Hadrian's Wall from boundary west of churchyard, Beaumont to Burgh Head in wall miles 70 and	54.923 / -3.035	12.894	?	12.894	
Hadrian's Wall vallum between east side of road at Burgh Head, & boundary south of Ash Tree Square, Burgh-by-Sands in wall miles 71 & 72	54.921 / -3.054	1.576	?	1.576	
Nether Denton Roman fort, associated vicus and length of Stanegate Roman road	54.973 / -2.635	9.151	?	9.151	
Defended settlement and Roman signal station 410m south of West Crindledikes	54.995 / -2.341	1.038	?	1.038	
Hadrian's Wall and vallum between St Oswald's Cottages, east of Brunton Gate and the North Tyne in wall miles 25, 26 and 27	55.022 / -2.119	23.236	?	23.236	

Housesteads fort, section of Wall & vallum between the field boundary west of milecastle 36 & the field boundary west of turret 37a in wall miles 36 &	55.011 / -2.332	117.876	?	117.876	
Kirkbride Roman fort, part of associated vicus and length of Roman road around, 370m south east of Whitrigg Bridge	54.905 / -3.201	4.466	?	4.466	
Roman fort, Anglo-Saxon cemetery, motte and bailey castle and tower keep castle	54.968 / -1.61	1.012	?	1.012	
Fortlet Rheinbohl	0 / 0	0	0.301	0.301	
Watchtowers WP 1/1 to 1/2	0 / 0	1.217	6.218	7.435	
Limessection between watchtowers WP 1/2 and 1/3	0 / 0	0.642	0.681	1.323	
Watchtowers WP 1/3 to 1/10	0 / 0	24.065	137.32	161.385	
Watchtowers WP 1/11 to 1/20 including the fortlet Am Forsthausweg	0 / 0	34.283	274.835	309.118	
Watchtowers WP 1/21 to 1/22	0 / 0	3.297	16.465	19.762	
Watchtowers WP 1/23 to 1/24	0 / 0	1.451	9.829	11.28	
Watchtowers WP 1/24 to 1/26	0 / 0	1.055	6.441	7.496	
Watchtowers WP 1/27 to 1/29	0 / 0	2.395	9.202	11.597	
Watchtowers WP 1/30	0 / 0	0.82	4.135	4.955	
Fort site and civil settlement of Heddesdorf	0 / 0	4.889	18.981	23.87	
Fort site and civil settlement of Niederbieber	0 / 0	6.667	15.216	21.883	
Limessection between watchtowzrs WP 1/30 and 1/31	0 / 0	0.246	2.058	2.304	
Watchtower WP 1/31	0 / 0	1.415	2.049	3.464	
Watchtowers WP 1/32 to 1/34	0 / 0	5.745	17.853	23.598	
Limessection between watchtowers WP/ 1/34 and 1/35	0 / 0	0.915	2.306	3.221	
Watchtowers WP 1/35 and 1/35a	0 / 0	0.042	1.88	1.922	
Watchtowers WP 1/36*	0 / 0	0.402	1.911	2.313	
Watchtowers WP 1/37 to 1/38	0 / 0	5.283	28.326	33.609	
Watchtower WP 1/39	0 / 0	2.691	24.479	27.17	
Limessection between watchtowers WP 1/39 and 1/40	0 / 0	1.687	5.486	7.173	
Watchtowers WP 1/41 to 1/50 including the fortlet Anhausen	0 / 0	39.315	362.593	401.908	
Watchtower WP 1/51	0 / 0	2.051	9.779	11.83	
Watchtower WP 1/52	0 / 0	4.09	23.678	27.768	
Watchtowers WP 1/53 to 1/57	0 / 0	11.993	73.607	85.6	
Watchtowers WP 1/58 to 1/59	0 / 0	9.126	66.968	76.094	
Watchtower WP 1/60	0 / 0	1.361	5.336	6.697	
Limessection between watchtowers WP 1/60 and 1/61	0 / 0	0.431	2.943	3.374	
Watchtower WP 1/61	0 / 0	0.192	4.221	4.413	
Watchtower WP 1/62	0 / 0	3.002	25.723	28.725	
Fortlet Ferbach	0 / 0	0.573	2.098	2.671	
Watchtower WP 1/64	0 / 0	2.927	13.978	16.905	
Watchtower WP 1/65	0 / 0	5.077	33.209	38.286	
Watchtowers WP 1/67 to 1/66	0 / 0	6.373	27.148	33.521	
Limessection between watchtowers WP 1/67 and 1/69	0 / 0	0.697	20.143	20.84	
Watchtowers WP 1/69 to 1/72 including the fortlet Hillscheid	0 / 0	11.714	82.496	94.21	
Watchtower WP 1/73	0 / 0	1.611	15.904	17.515	
Watchtowers WP 1/74 to 1/76	0 / 0	5.523	82.991	88.514	



Watchtower WP 1/77	0 / 0	2.605	40.012	42.617	
Watchtowers WP 1/78 to 1/81	0 / 0	14.408	79.899	94.307	
Limessection north of Arzbach	0 / 0	0.402	2.473	2.875	
Fort site and civil settlement of Arzbach	0 / 0	2.157	10.243	12.4	
Watchtower WP 1/84	0 / 0	0.36	7.146	7.506	
Watchtowers WP 1/83 to 1/86	0 / 0	13.46	74.208	87.668	
Fort site and civil settlement of Niederberg	0 / 0	15.944	16.973	32.917	
Watchtower WP 1/87	0 / 0	3.868	21.478	25.346	
Limessection between watchtower WP 1/87 and 1/88	0 / 0	2.21	10.509	12.719	
Watchtower WP 1/88	0 / 0	1.204	9.646	10.85	
Limessection between watchtowers WP 1/88 and 1/89	0 / 0	1.571	6.449	8.02	
Watchtowers WP 1/89 to 1/92	0 / 0	14.698	135.849	150.547	
Watchtower WP 1/93	0 / 0	4.098	34.179	38.277	
Fort site and civil settlement of Bad Ems northern part	0 / 0	0.588	7.871	8.459	
Limessection between watchtowers WP 1/93 and 2/13 including fort site and civil settlement of Bad Ems southern part	0 / 0	0.171	41.947	42.118	
Watchtower WP 2/1 including fortlet Bad Ems Auf der Schanz	0 / 0	0.713	7.464	8.177	
Watchtowers WP 2/2 to 2/4	0 / 0	19.641	115.26	134.901	
Watchtowers WP 2/5 to 2/6	0 / 0	4.262	44.582	48.844	
Watchtowers WP 2/7 and 2/13 including fortlet Becheln	0 / 0	32.454	217.431	249.885	
Limessection between watchtowers WP 2/13 and 2/14	0 / 0	3.563	38.977	42.54	
Watchtowers WP 2/14 to 2/16	0 / 0	10.634	54.302	64.936	
Fort site and civil settlement of Marienfels	0 / 0	17.801	76.164	93.965	
Watchtowers WP 2/17 to 2/19 including fort and civil settlement of Hunzel	0 / 0	21.072	82.427	103.499	
Watchtowers WP 2/20 to 2/22	0 / 0	12.012	64.767	76.779	
Watchtowers WP WP 2/23 to 2/26 including fortlet Pohl	0 / 0	11.611	59.272	70.883	
Fortlet of Pfarrhofen	0 / 0	0.969	25.509	26.478	
Watchtoers WP 2/26 to 2/30	0 / 0	16.658	53.837	70.495	
Watchtower WP 2/31	0 / 0	3.18	8.807	11.987	
Fortsite of Holzhausen and civil settlement western part including watchtowers WP 2/31a to 2/34	0 / 0	33.859	103.028	136.887	
Watchtowers WP 2/35 to 2/48 including the fortlet Dörstenberg and the civil settlement of Holzhausen eastern part	0 / 0	43.971	913.582	957.553	
Fortlets and site of the fort and civil settlement of Kemel	0 / 0	2.599	29.471	32.07	
Watchtowers WP 2/50 to 2/55 including Justinus Rock	0 / 0	14.812	238.288	253.1	
Fortlet Adolfseck	0 / 0	1.848	8.268	10.116	
Watchtower WP 3/4*	0 / 0	0.53	25.634	26.164	
Watchtower SP 3/5*	0 / 0	40.265	0.583	40.848	
Watchtower WP 3/1 to 3/14 including the civil settlement of Zugmantel western part	0 / 0	34.828	771.25	806.078	
Watchtowers WP 3/15 to 3/19 including the fort site of Zugmantel and civil settlement eastern part	0 / 0	72.307	262.136	334.443	
Watchtower WP 3/19* to 3/21*	0 / 0	5.534	148.375	153.909	
Watchtowers WP 3/20 to 3/22	0 / 0	3.826	125.268	129.094	
Watchtower WP 3/23*	0 / 0	0.712	21.134	21.846	
Watchtowers WP 3/23	0 / 0	1.443	21.585	23.028	

Watchtower WP 3/38*	0 / 0	0.351	30.34	30.691	
Watchtowers WP 3/24 to 3/40Watchtowers WP 3/24 to 3/40 including the fortlet Maisel, fort and civil settlement Alteburg-Heftrich, fortlet Eichelgarten	0 / 0	108.952	1299.146	1408.098	
Watchtower WP 3/42*	0 / 0	0.623	9.251	9.874	
Watchtowers WP 3/41 to 3/44	0 / 0	8.142	291.847	299.989	
Watchtower WP 3/49*	0 / 0	0.36	35.851	36.211	
Watchtowers WP 3/45 to 3/52 including the fort site and civil settlement of Feldberg	0 / 0	55.102	473.021	528.123	
Building remains southwest of Saalburg	0 / 0	2.498	44.841	47.339	
Fort site and civil settlement of Saalburg west of B 456 including watchtowers WP 3/56, 3/66, fortlets Heidenstock and Altes Jagdhaus	0 / 0	91.239	908.381	999.62	
Civil settlement of Saalburg east of B 456 including watchtowers WP 3/67 to 3/69	0 / 0	29.747	182.556	212.303	
Fortlet Lochmühle	0 / 0	1.904	21.234	23.138	
Fort site and civil settlement of Friedberg	0 / 0	0.029	142.129	142.158	
Watchtower WP 4/17*	0 / 0	0.635	50.115	50.75	
Fortlet Eichkopf	0 / 0	2.018	24.691	26.709	
Watchtowers WP 4/1 to 4/19a including fortlets Kaisergrube, Ockstadter Wald, Kapersburg, Rittergraber	0 / 0	82.261	1689.965	1772.226	
Signaltower Johannisberg	0 / 0	0.351	15.458	15.809	
Fort site and civil settlement of Langenhain	0 / 0	42.379	72.985	115.364	
Fort Schrenzer	0 / 0	1.609	12.389	13.998	
Fort site and civil settlement of Butzbach western part	0 / 0	8.414	35.62	44.034	
Fort site and civil settlement of Butzbach eastern part	0 / 0	0.369	20.572	20.941	
Civil settlement of Butzbach	0 / 0	5.639	40.886	46.525	
Watchtowers WP 4/20 to 4/36 including the fortlets Hunnenkirchhof 1 and Hunnenkirchhof 2	0 / 0	39.441	942.328	981.769	
Limessection between WP 4/36 and 4/37	0 / 0	0.217	9.769	9.986	
Watchtower WP 4/37*	0 / 0	0.366	31.244	31.61	
Limessection between WP 4/37 and 4/39	0 / 0	7.045	259.195	266.24	
Watchtower WP 4/39*	0 / 0	0.731	22.684	23.415	
Fortlet Dicker Wald 1	0 / 0	1.833	33.268	35.101	
Watchtowers WP 4/40 to 4/44 including the fortlet Dicker Wald 2	0 / 0	10.644	252.919	263.563	
Watchtowers WP 4/45 to 4/52 including the fortlets Hainhaus and Holzheimer Unterwald	0 / 0	41.149	665.228	706.377	
Watchtowers WP 4/53 to 4/57	0 / 0	14.938	380.673	395.611	
Fort site and civil settlement of Arnsburg	0 / 0	110.433	376.13	486.563	
Watchtowers WP 4/59 to 4/71 including the fortlets Feldheimer Wald and Langsdorf	0 / 0	53.767	1031.57	1085.337	
Watchtowers WP 4/72 to 4/73	0 / 0	4.868	60.874	65.742	
Fort site of Hungen-Inheiden	0 / 0	34.027	131.948	165.975	
Fortlet Wingertsberg	0 / 0	2.551	148.77	151.321	
Signaltower Wölferheimer Wald	0 / 0	0.496	30.727	31.223	
Watchtowers WP 4/76 to 4/80 including the fortlets Unterwiddersheim and Masohi	0 / 0	22.919	353.772	376.691	
Watchtower WP 4/81	0 / 0	2.015	48.156	50.171	
Limessection between WP 4/81 and 4/82	0 / 0	1.129	35.718	36.847	
Fortsite and civil settlement of Echzell	0 / 0	87.62	403.04	490.66	
Fortsite and civil settlement of Ober-Florstadt	0 / 0	63.335	224.775	288.11	
Fort site and civil settlement of Marköbel	0 / 0	1.631	270.551	272.182	

Watchtowers WP 4/82 to 5/8 including fortlets Langendiebach, Buchkopf, Stammheim, Staden, Lochberg, Haselheck, Altenstadt	0 / 0	117.136	3711.606	3828.742	
Fort site and civil settlement of Rückingen, western part	0 / 0	1.461	11.907	13.368	
Fort site and civil settlement of Rückingen central part	0 / 0	0.71	15.906	16.616	
Fort site and civil settlement of Rückingen eastern part	0 / 0	0.204	13.429	13.633	
Watchtowers WP 5/9 to 5/10	0 / 0	5.166	239.271	244.437	
Watchtowers WP 5/11 to 5/12	0 / 0	13.154	360216345	360216358.154	
Watchtowers WP 5/13 to 5/14 including the fortlet Neuwirtshaus	0 / 0	7.617	105.365	112.982	
Watchtowers WP 5/15 to 5/16	0 / 0	12.373	266.001	278.374	
Fort site and civil settlement of Grosskrotzenburg	0 / 0	15.669	41.595	57.264	
Fort site and civil settlement of Seligenstadt	0 / 0	0	59.266	59.266	
Civil settlement of Niedernberg northern part	0 / 0	0.728	11.892	12.62	
Fort site and civil settlement of Niedernberg	0 / 0	5.006	23.804	28.81	
Fort site and civil settlement of Obernburg	0 / 0	6.779	35.474	42.253	
Fort site and civil settlement of Wörth	0 / 0	7.327	15.544	22.871	
Fort site and civil settlement of Trennfurt	0 / 0	1.345	0.473	1.818	
Fort site and civil settlement of Miltenberg-Altstadt western part	0 / 0	1.5	10.614	12.114	
Fort site and civil settlement of Miltenberg-Altstadt southern part	0 / 0	2.04	17.843	19.883	
Fort site and civil settlement of Miltenberg-Altstadt north-eastern part	0 / 0	6.571	23.159	29.73	
Watchtowers WP 7/1 to 7/36 including fortlets Haselburg, Buergstadt and fort site and civil settlement of Miltenberg-Ost	0 / 0	61.242	90.261	151.503	
Watchtower WP 7/37	0 / 0	1.387	0.067	1.454	
Fort site and civil settlement of Walldürn	0 / 0	12.908	42.826	55.734	
Fort Altheimer Strasse	0 / 0	0.627	0	0.627	
Fortlet Holderbusch	0 / 0	1.402	0	1.402	
Watchtowers WP 7/38 to 8/10 including fortlet Rehberg	0 / 0	36.144	35.538	71.682	
Building remains north of Götzingen	0 / 0	1.571	0	1.571	
Building remains south of Götzingen	0 / 0	3.872	0	3.872	
Watchtowers WP 8/11 to 8/28 including fortlet Hintere Kalbe	0 / 0	33.03	78.358	111.388	
Fort site and civil settlement of Osterburken	0 / 0	12.604	0	12.604	
Watchtowers WP 8/29 to 8/30	0 / 0	4.96	0.082	5.042	
Watchtowers WP 8/31 to 8/41	0 / 0	30.835	51.942	82.777	
Fortlet Lehenwiesen	0 / 0	0.392	0	0.392	
Watchtowers WP 8/44 to 9/2	0 / 0	35.243	18.375	53.618	
Fort site and civil settlement of Jagsthausen western part	0 / 0	1.887	18.1	19.987	
Fort site and civil settlement of Jagsthausen south-western part	0 / 0	0.599	5.309	5.908	
Fort site and civil settlement of Jagsthausen northern and eastern part	0 / 0	6.309	6.314	12.623	
Fort site and civil settlement of Jagsthausen central and eastern part	0 / 0	0.144	5.324	5.468	
Fort site and civil settlement of Jagsthausen eastern part	0 / 0	0.069	1.243	1.312	
Fort site and civil settlement of Jagsthausen	0 / 0	1.238	6.242	7.48	
Watchtowers WP 9/2* to 9/13	0 / 0	15.047	0.063	15.11	
Watchtowers WP 9/14 to 9/32 including the fort site of Westernbach	0 / 0	30.661	27.791	58.452	
Watchtowers WP 9/33 to 9/35	0 / 0	0.689	28.266	28.955	

Watchtowers WP 9/36 to 9/68	0 / 0	50.024	72.597	122.621	
Building remains south of the watchtower WP 9/67	0 / 0	0.3	0	0.3	
Fort site and civil settlement of Mainhardt	0 / 0	5.16	15.675	20.835	
Fortlet Mainhardt-Herrenwiesen	0 / 0	1.024	5.315	6.339	
Limessection between watchtowers WP 9/68 and 9/70	0 / 0	0.801	1.962	2.763	
Murrhardt civil settlement northern part	0 / 0	6.988	0	6.988	
Fort site and civil settlement of Murrhardt	0 / 0	4.207	2.432	6.639	
Watchtowers WP 9/70 to 9/99a including the fortlet Hankertsmühle	0 / 0	42.012	259.672	301.684	
Watchtowers WP 9/100	0 / 0	0.59	0.42	1.01	
Watchtowers WP 9/101 to 9/131 including the fortlets of Rötelsee and Ebnisee	0 / 0	39.449	289.18	328.629	
Fort site and civil settlement of Welheim-West	0 / 0	0.851	37.183	38.034	
Welzheim-Ost civil settlement northern part	0 / 0	0.225	6.935	7.16	
Fort site and civil settlement of Welzheim-Ost	0 / 0	2.57	7.354	9.924	
Fort site and civil settlement of Lorsch	0 / 0	4.455	14.118	18.573	
Fortlet of Freimühle	0 / 0	6.238	0	6.238	
Fort site and civil settlement of Schirenhof	0 / 0	16.366	20.803	37.169	
Watchtowers WP 9/132 to 12/38 including fortlet Klein-Deinbach	0 / 0	83.077	147.976	231.053	
Watchtowers WP 12/39	0 / 0	2.574	1.222	3.796	
Fort site and civil settlement of Unterböbingen	0 / 0	0.196	18.846	19.042	
Fort site and civil settlement of Aalen	0 / 0	9.501	22.22	31.721	
Watchtowers WP 12/40 to 12/59	0 / 0	48.171	96.533	144.704	
Watchtowers WP 12/60 to 12/68	0 / 0	18.145	18.629	36.774	
Fort site and civil settlement of Reinau-Buch	0 / 0	21.761	0	21.761	
Watchtowers WP 12/69 to 12/85	0 / 0	32.227	197.599	229.826	
Building remains of south of Pfahlheim	0 / 0	0.184	0	0.184	
Watchtowers WP 12/86 to 13/5 including fort site and civil settlement of Halheim	0 / 0	75.523	112.943	188.466	
Limessection between Watchtowers WP 13/5 and 13/6	0 / 0	0.15	0.061	0.211	
Watchtowers WP 13/6 to 13/12	0 / 0	21.726	52.038	73.764	
Fort site and civil settlement of Ruffenhofen	0 / 0	83.394	0	83.394	
Watchtowers WP 13/13 to 13/15	0 / 0	7.941	28.721	36.662	
Watchtowers WP 13/16 to 13/36 including fort site and civil settlement of Dambach	0 / 0	113.586	146.408	259.994	
Fort site and civil settlement of Unterschwaningen	0 / 0	21.512	37.01	58.522	
Watchtowers WP 13/37 to 13/40	0 / 0	10.182	25.99	36.172	
Watchtowers WP 13/40	0 / 0	0.27	2.465	2.735	
Watchtower WP 13/40	0 / 0	0.498	3.312	3.81	
Limessection between watchtowers WP 13/40 and 13/41	0 / 0	0.592	0.59	1.182	
Limessection between watchtowers WP 13/40 and 13/41	0 / 0	0.022	0.045	0.067	
Watchtowers WP 13/41 to 13/45	0 / 0	13.958	37.204	51.162	
Fort site and civil settlement of Gnotzheim	0 / 0	41.61	53.96	95.57	
Watchtowers WP 13/46 to 13/49	0 / 0	11.508	30.386	41.894	
Watchtower WP 13/50	0 / 0	0.037	0.296	0.333	
Watchtowers WP 13/51 to 13/53	0 / 0	7.586	25.669	33.255	

Watchtower WP 13/54	0 / 0	1.276	0.499	1.775	
fort site and civil settlement of Theilenhofen	0 / 0	54.618	53.355	107.973	
Watchtowers WP 14/1 to 14/27 including the fortlets of Gündersbach and Hinterer Schlossberg	0 / 0	77.053	131.182	208.235	
Watchtower WP 14/28	0 / 0	4.666	3.726	8.392	
Fort site and civil settlement of Ellingen north of Road 2389	0 / 0	40.507	15.411	55.918	
Fort site and civil settlement of Ellingen south of Road 2389	0 / 0	3.603	0.346	3.949	
Fort site and civil settlement of Weissenburg eastern part	0 / 0	4.508	24.465	28.973	
Fort site and civil settlement of Weissenburg eastern part	0 / 0	1.254	25.695	26.949	
Fort site of Oberhochstatt	0 / 0	11.713	15.222	26.935	
Fort site of Burgsalach	0 / 0	21.458	14.725	36.183	
Watchtowers WP 14/29 to 14/62 including fortlets Kaldorf and Raitenbuch	0 / 0	98.581	233.539	332.12	
Fort site and civil settlement of Pfünz	0 / 0	44.109	0	44.109	
Fort site and civil settlement of Boehming	0 / 0	22.542	28.322	50.864	
Watchtowers WP 14/63 to 14/78 including fortlets Hegelohe and Biebig	0 / 0	50.654	99.341	149.995	
Watchtowers WP 15/1 to 15/7	0 / 0	15.712	6.938	22.65	
Watchtowers WP 15/8 to 15/10	0 / 0	8.455	20.451	28.906	
Fort site and civil settlement of Kösching	0 / 0	0	12.933	12.933	
Watchtowers WP 15/11 to 15/26 and fortlets Hinterer Seegraben and Güssgraben	0 / 0	53.655	12.933	66.588	
<b>Total (ha)</b>		<b>5148.208</b>	<b>360240426.789</b>	<b>360245574.997</b>	

#### 1.4 - Map(s)

Title	Date	Link to source
Map of the Upper German-Raetian Limes	2004	
Frontiers of the Roman Empire, Map of the Antonine Wall	2008	
Frontiers of the Roman Empire: Hadrian's Wall. Map 1: Skinburness (north) to Maryport (south)	2012	
Frontiers of the Roman Empire: Hadrian's Wall. Map 2: Cardurnock (west) to Willowholme, Carlisle (east)	2012	
Frontiers of the Roman Empire: Hadrian's Wall. Map 3: Carlisle (west) to Gilsland (east)	2012	
Frontiers of the Roman Empire: Hadrian's Wall. Map 4: Greenhead (west) to Newbrough (east)	2012	
Frontiers of the Roman Empire: Hadrian's Wall. Map 5: Walwick (west) to Heddon-on-the-Wall (east)	2012	
Frontiers of the Roman Empire: Hadrian's Wall. Map 6: Heddon-on-the-Wall (west) to South Shields (east)	2012	
Frontiers of the Roman Empire - maps of the inscribed property	2015	

#### 1.5 - Web and Social Media data of the property (if applicable)

1. [Hadrian's Wall Heritage](https://www.hadrianswall.org/)
2. [Roman Vindolanda and the Roman Army Museum](https://www.roman-limes.org/)
3. [Hadrian's Wall & Housesteads Fort](https://www.hadrianswall.org/en/hadrians-wall/housesteads-roman-fort/)
4. [Map of Hadrian's Wall](https://www.hadrianswall.org/en/hadrians-wall/map/)
5. [Housesteads Roman Fort \(Hadrian's Wall\)](https://www.hadrianswall.org/en/hadrians-wall/housesteads-roman-fort/)
6. [Upper German-Raetian Limes](https://www.hadrianswall.org/en/hadrians-wall/upper-german-raetian-limes/)
7. [Antonine Wall](https://www.hadrianswall.org/en/hadrians-wall/antonine-wall/)
8. [Frontiers of the Roman Empire](https://www.hadrianswall.org/en/hadrians-wall/frontiers-of-the-roman-empire/)
9. [Historic Scotland](https://www.hadrianswall.org/en/hadrians-wall/historic-scotland/)

#### Comment

<https://rediscoveringtheantoninewall.org/> <https://www.facebook.com/AntonineWallScotland/> <https://twitter.com/antoninewall>  
<https://www.instagram.com/antoninewall/?hl=en> [https://www.instagram.com/deutsche\\_limeskommission/?hl=en](https://www.instagram.com/deutsche_limeskommission/?hl=en)  
<https://www.facebook.com/DeutscheLimeskommission/> [www.limesstrasse.de/deutsche-limes-strasse](http://www.limesstrasse.de/deutsche-limes-strasse) [www.deutsche\\_limeskommission.de](http://www.deutsche_limeskommission.de)  
<https://hadrianswallcountry.co.uk/>

#### 2. Other Conventions/Programmes under which the World Heritage property is protected (if applicable)

##### 2.1 - Records indicate that your World Heritage property (in whole or in part) is designated and/or protected under the

Conventions/programmes shown in the prefilled table below. Please check and amend as necessary.

		The World Heritage property (in whole or in part) <u>is</u> designated and/or protected under this convention/programme	The World Heritage property (in whole or in part) <u>is not</u> designated and/or protected under this convention/programme
2.1.1	<b>International Register of Cultural Property under Special Protection</b> (1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		✗
2.1.2	<b>List of Cultural Property under Enhanced Protection</b> (Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict)		✗
2.1.3	<b>The List of Wetlands of International Importance (The Ramsar List)</b> (Convention on Wetlands of International Importance (Ramsar Convention))		✗
2.1.4	<b>World Network of Biosphere Reserves</b> Man and the Biosphere (MAB) Programme		✗
2.1.5	<b>Global Geoparks Network</b> UNESCO Global Geoparks		✗

2.2 - Please provide comments on 2.1 if necessary

2.3 - Do your national authorities intend to request the granting of Enhanced Protection (if relevant) under the Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict for the World Heritage property in the next three years?

No

2.4 - Do your national authorities intend to designate whole or part of the World Heritage property for inclusion in the List of Wetlands of International Importance (The Ramsar List), if relevant, in the next three years?

No

2.5 - Do your national authorities intend to designate whole or part of the World Heritage property as a Man and Biosphere Reserve (if relevant) in the next three years?

No

2.6 - Do your national authorities intend to apply for whole or part of World Heritage property to be designated as a UNESCO Global Geopark (if relevant) in the next three years?

No

2.7 - Please indicate the level of cooperation at property level between designations under different Conventions/Programmes

2.7.1	<b>1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict</b>	
2.7.1	There is <b>no contact</b> with the Focal Point(s) of this designation/programme.	✗
2.7.2	The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager <b>also manages</b> this designation/programme.	
2.7.2	<b>Second Protocol to the 1954 Hague Convention for the Protection of Cultural Property in the Event of Armed Conflict</b>	
2.7.1	There is <b>no contact</b> with the Focal Point(s) of this designation/programme.	✗
2.7.2	The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager <b>also manages</b> this designation/programme.	
2.7.3	<b>Convention on Wetlands of International Importance (Ramsar Convention)</b>	
2.7.1	There is <b>no contact</b> with the Focal Point(s) of this designation/programme.	✗
2.7.2	The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager <b>also manages</b> this designation/programme.	
2.7.4	<b>Man and the Biosphere (MAB) Programme</b>	

2.7.1	There is <b>no contact</b> with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager <b>also manages</b> this designation/programme.	
<b>2.7.5</b>	<b>UNESCO Global Geoparks</b>	
2.7.1	There is <b>no contact</b> with the Focal Point(s) of this designation/programme.	✕
2.7.2	The World Heritage Site Manager <b>occasionally</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.3	The World Heritage Site Manager <b>regularly</b> communicates with the Focal Point(s) of this designation/programme.	
2.7.4	The World Heritage Site Manager <b>also manages</b> this designation/programme.	

## 2.8 - Please add any further comments on cooperation with the other designation(s)/programme(s)

## 2.9 - Are you aware of any elements associated with the World Heritage property that have been inscribed on the Representative List of the Intangible Cultural Heritage?

No

## 2.10 - Please list any elements associated with the World Heritage property inscribed under the Convention for the Safeguarding of the Intangible Cultural Heritage of which you are aware

## 2.11 - Are you aware of any documentary heritage listed under the Memory of the World Programme associated with the World Heritage property?

No

## 2.12 - Please list any documentary heritage associated with the World Heritage property listed under the Memory of the World Programme of which you are aware.

## 3. Statement of Outstanding Universal Value

### 3.1 - Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee

#### Statement of Outstanding Universal Value

##### Brief Synthesis

The Roman Empire, in its territorial extent, was one of the greatest empires history has known. Enclosing the Mediterranean world and surrounding areas, it was protected by a network of frontiers stretching from the Atlantic Coast in the west to the Black Sea in the east, from central Scotland in the north to the northern fringes of the Sahara Desert in the south. It was largely constructed in the 2nd century AD when the Empire reached its greatest extent. This frontier could be an artificial or natural barrier, protecting spaces or a whole military zone. Its remains encompass both visible and buried archaeology on, behind and beyond the frontier.

The property consists of three sections of the frontier: Hadrian's Wall, the Upper German- Raetian Limes and the Antonine Wall, located in the northwestern part of the Empire, constituting the artificial boundaries of the former Roman provinces Britannia, Germania Superior and Raetia: Running 130 km from the mouth of the River Tyne in the east to the Solway Firth, Hadrian's Wall was built on the orders of the Emperor Hadrian in AD 122 as a continuous linear barrier at the then northernmost limits of the Roman province of Britannia. The frontier extended a further 36km down the Solway coast as a series of intervisible military installations. It constituted the main element in a controlled military zone across northern Britain. The Wall was supplemented by the ditch and banks of the *vallum*, supporting forts, marching camps and other features in a wide area to the north and south, linked by an extensive road network. It illustrates an ambitious and coherent system of defensive constructions perfected by engineers over the course of several generations and is outstanding for its construction in dressed stone and its excellent use of the spectacular upland terrain through which it passed.

The Upper German-Raetian Limes covers a length of 550 km and runs between Rheinbrohl on the Rhine and Eining on the Danube, built in stages during the 2nd century. With its forts, fortlets, physical barriers, linked infrastructure and civilian architecture it exhibits an important interchange of human values through the development of Roman military architecture in previously largely undeveloped areas thereby giving an authentic insight into the world of antiquity of the late 1st to the mid-3rd century AD. It was not solely a military bulwark, but also defined economic and cultural limits. Although cultural influences extended across the frontier, it did represent a cultural divide between the Romanised world and the non-Romanised Germanic peoples. In large parts it was an arbitrary straight line, which did not take account of the topographical circumstances. Therefore, it is an excellent demonstration of the Roman precision in surveying.

The Antonine Wall was built under the Emperor Antoninus Pius in the 140's AD as an attempt to conquer parts of northern Britain and extends for some 60 km across central Scotland from the River Forth to the River Clyde. Through its military and civil constructions, it demonstrates cultural interchange through the extension of Roman technical skills, organisation and knowledge to the furthest reaches of the Empire. It embodies a high degree of expertise in the technical mastery of stone and turf defensive constructions. As it was in use for only a single generation, it provides a snapshot of the frontier at a particular point in time and offers a specific insight into how the frontier was designed and built. Together, the remains of the frontiers, consisting of vestiges of walls, ditches, earthworks, fortlets, forts, fortresses, watchtowers, roads and civilian settlements, form a social and historical unit that illustrates an ambitious and coherent system of defensive constructions perfected by engineers over the course of several generations. Each section of the property constitutes an exceptional example of a linear frontier, encompassing an extensive relict landscape which reflects the way resources were deployed in the northwestern part of the Empire and which displays the unifying character of the Roman Empire, through its common culture, but also its distinctive responses to local geography and climate, as well as political, social and economic conditions.

**Criterion (ii):** The extant remains of the fortified German Limes, Hadrian's Wall and Antonine Wall constitute significant elements of the Roman Frontiers present in Europe. With their forts, fortlets, walls, ditches, linked infrastructure and civilian architecture they exhibit an important interchange of human and cultural values at the apogee of the Roman Empire, through the development of Roman military architecture, extending the technical knowledge of construction and management to the very edges of the Empire. They reflect the imposition of a complex frontier system on the existing societies of the northwestern part of the Roman Empire, introducing for the first time military installations and related civilian settlements, linked through an extensive supporting network. The frontiers did not constitute an

impregnable barrier, but controlled and allowed the movement of peoples: not only the military units, but also civilians and merchants. Hence, they triggered the exchange of cultural values through movement of soldiers and civilians from different nations. This entailed profound changes and developments in the respective regions in terms of settlement patterns, architecture and landscape design and spatial organization. The frontiers still today form a conspicuous part of the landscape.

**Criterion (iii):** As parts of the Roman Empire's general system of defense the German Limes, Hadrian's Wall and the Antonine Wall have an extraordinarily high cultural value. They bear an exceptional testimony to the maximum extension of the power of the Roman Empire through the consolidation of its northwestern frontiers and thus constitute a physical manifestation of Roman imperial policy. They illustrate the Roman Empire's ambition to dominate the world in order to establish its law and way of life there in a long-term perspective. They witness Roman colonization in the respective territories, the spread of Roman culture and its different traditions – military, engineering, architecture, religion management and politics – and the large number of human settlements associated with the defenses which contribute to an understanding of how soldiers and their families lived in this part of the Roman Empire.

**Criterion (iv):** The fortified German Limes, Hadrian's Wall and the Antonine Wall are outstanding examples of Roman military architecture and building techniques and of their technological development, perfected by engineers over the course of several generations. They demonstrate the variety and sophistication of the Romans' responses to the specific topography and climate as well as to the political, military and social circumstances in the northwestern part of the Empire which spread all around Europe and thereby shaped much of the subsequent development in this part of the world.

### Integrity

The inscribed components convey the extraordinary complexity and coherence of the Frontiers of the Roman Empire in northwestern Europe. Although some parts have been affected by land use change and natural processes, the integrity of the property is demonstrated through its visible remains and buried archaeological features. Their state of survival has been researched in many areas. Several areas of the frontier have been built over, but where significant archaeological remains have been proven to exist they have been included in the property.

About four fifths of the line of Hadrian's Wall runs through open country. Within the central 45 km of its course, the remains are in an exceptionally good state of preservation, surviving as part of a landscape which still contains significant visible traces of the Roman military presence. Even outside this central zone, many individual sites are well-preserved.

As a whole, the Upper German-Raetian Limes is preserved in its historical form. About half of its length is still visible or identical with a current border or way. As with the majority of archaeological monuments, its value lies in the combination of visible earthworks and buried remains.

About one third of the Antonine Wall is visible today as a complex series of earthworks and associated structures. Roughly another third lies in open countryside but its line is not visible. The final third lies under urban areas.

### Authenticity

The inscribed component parts have a high level of authenticity, with each having been verified through extensive study and research. The materials and substance of underground archaeological remains are well-preserved, as are upstanding and visible remains. The form and design of each representative part of the frontier and its associated structures are clear and comprehensible. Later development overlying parts of the frontier are treated as vertical buffer zones. There are a number of reconstructions of elements of the frontier such as forts and watchtowers. Reconstructions since 1965 are not considered as part of the serial property but also act as vertical buffer zones.

The form and design of Hadrian's Wall, in particular its linear character, and its architectural and military elements are still easy to understand and its location and setting in the landscape can be clearly appreciated. Upstanding parts of the property have been conserved in accordance with the highest standards and are in a good state of repair.

Much of the Upper German-Raetian Limes is underground, never excavated or backfilled. Excavated parts have then been properly conserved and presented by symbolic delineation above ground protecting their authenticity as well as the setting and integrity of the surroundings. In some cases the authenticity has been compromised by reconstructions erected before the site was inscribed.

The remains of the Antonine Wall exist in a generally good condition and visible sections sometimes have significant heights and depths. Conservation and consolidation measures that have been carried out in the interest of better understanding and protection fit in with the setting of the property and do not diminish its authenticity.

### Protection and management requirements

At the international level, the States Parties have established an integrated management system consisting of three closely cooperating and interacting bodies: the Inter-Governmental Committee (IGC) to oversee and coordinate the overall management at an international level; the Management Group which assembles those directly responsible for the site management of the property and provides the primary mechanism for sharing best practice; The Bratislava Group, an international advisory body with expert members from States Parties with inscribed or potential parts of the Frontiers of the Roman Empire World Heritage property.

At the national level, each State Party protects its part of the property through appropriate national legislation and regulation. The national management systems address identification and definition of the site's significance, its conservation, access, the interests and involvement of all stakeholders and its sustainable economic use.

Within each State's Party's existing legislative and management systems an appropriate management system has been developed, expressed through a regularly updated Management Plan for the identification, protection, conservation and sustainable use of the respective component part.

All parts of Hadrian's Wall within the World Heritage property are protected by designation under the Ancient Monuments and Archaeological Areas Act 1979 and through the Town and Country Planning Act 1990 and the [Planning \(Listed Buildings and Conservation Areas\) Act 1990](#) that control planning and development in England. Hadrian's Wall is also covered by the guidance given in the National Planning Policy Framework 2012 and the National Planning Practice Guidance 2013. Local Plans produced by the local planning authorities on the line of the Wall contain appropriate policies to protect the World Heritage property. The site benefits from other designations such as National Parks, Areas of Outstanding Natural Beauty and the Roman Wall Escarpment Site of Special Scientific Interest. Parts of the property are managed by eight different bodies for public access, but the vast bulk is in private ownership. The Hadrian's Wall Partnership Board brings together key national and local stakeholders and sets the strategy for the effective management of the property and oversees a network of specialist topic groups.

Within Germany's federal legal systems, the cultural heritage is protected by the different monuments protection laws of the Länder (Federal States). These ensure protection, promotion, conservation and enhancement of the World Heritage property. All inscribed elements and their buffer zones are respected within the spatial planning system. On the basis of a general Management Plan, detailed Limes Development Plans form the background for actions within each of the Länder. For coordination across the Länder, the Deutsche Limeskommission was founded in 2003. Most parts are in private ownership, but increasing parts are owned by the public.

The Antonine Wall is protected by designation under the Ancient Monuments and Archaeological Areas Act 1979, and through the legislation that guide planning and development in Scotland - the Town and Country Planning (Scotland) Act 1997, the Planning etc. (Scotland) Act 2006 and the Planning (Listed Building and Conservation Areas) (Scotland) Act 1997. It is covered by national policy for the historic environment set out in the Scottish Historic Environment Policy and Scottish Planning Policy. Policies to protect, promote, conserve and enhance the property are included in local authority development plans and strategies, supported by Supplementary Guidance. Most of the Antonine Wall is in private ownership, but some sections are in the care of local authorities and Historic Scotland.



## Comment

There are a number of factual updates to the Statement of Outstanding Universal Value that can be provided separately.

**3.2 - Please list the key attributes of Outstanding Universal Value of your property and give an assessment of their condition. As a guideline, it is suggested to focus on approximately five key attributes (no more than 15 overall).**

	Brief identification of attribute	Preserved	Compromised	Seriously compromised	Lost
3.2.1	Artificial boundaries in the north-western provinces of the Roman Empire	✕			
3.2.2	Military installations showing Roman military architecture and building techniques: walls, ditches, earthworks, fortlets, forts, fortresses, watchtowers	✕			
3.2.3	Civilian settlements related to military installations and linked through an extensive supporting network	✕			
3.2.4	Many remains survive as part of a landscape which still contains significant visible traces of the Roman military presence	✕			
3.2.5	Extensive relict landscapes: combination of visible and buried remains	✕			
3.2.6					
3.2.7					
3.2.8					
3.2.9					
3.2.10					
3.2.11					
3.2.12					
3.2.13					
3.2.14					
3.2.15					

## 3.3 - Comments, conclusions and/or recommendations related to Statement of Outstanding Universal Value

### 4. Factors Affecting the Property

#### 4.1. Buildings and Development

##### 4.1.1 - Housing

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Current, Potential, Inside, Outside

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✕	✕	✕	✕	✕		➡	

##### 4.1.2 - Commercial development

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Current, Inside, Outside

✕ Relevant			Not relevant				
	Impact		Origin		Trend of impact		
Impact	🔴 Current	🟡 Potential	🟢 Inside	🟢 Outside	📉 Decreasing	➡ Stable	📈 Increasing
🟢 Positive							
🔴 Negative ✕		✕	✕	✕		➡	

##### 4.1.3 - Industrial areas

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Current, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕	✕	✕	✕	✕		→	

#### 4.1.4 - Major visitor accommodation and associated infrastructure

Previous answer Cycle 2 (25/06/2013):

- Relevant, Positive, Current, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive ✕	✕	✕	✕	✕		→	
➖ Negative							

#### 4.1.5 - Interpretative and visitation facilities

Previous answer Cycle 2 (25/06/2013):

- Relevant, Positive, Current, Potential, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive ✕	✕	✕	✕	✕			↗
➖ Negative							

#### 4.1.6 - Please comment as necessary on how the factors selected as relevant in 4.1 are affecting the property either negatively or positively

### 4.2. Transportation Infrastructure

#### 4.2.1 - Ground transport infrastructure

Previous answer Cycle 2 (25/06/2013):

- Relevant, Positive, Negative, Current, Inside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive ✕	✕	✕	✕	✕		→	
➖ Negative ✕	✕	✕	✕	✕		→	

#### 4.2.2 - Underground transport infrastructure

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Potential, Outside

Relevant	✕ Not relevant
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#### 4.2.3 - Air transport infrastructure

Previous answer Cycle 2 (25/06/2013):

- Relevant, Positive, Potential, Inside, Outside

Relevant	✕ Not relevant
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#### 4.2.4 - Marine transport infrastructure

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Potential, Inside

Relevant	✕ Not relevant
----------	----------------

#### 4.2.5 - Effects arising from use of transportation infrastructure

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant

**4.2.6 - Please comment as necessary on how the factors selected as relevant in 4.2 are affecting the property either negatively or positively**

#### 4.3. Services Infrastructures

##### 4.3.1 - Water infrastructure

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Current, Potential, Inside, Outside

Relevant

✕ Not relevant












##### 4.3.2 - Renewable energy facilities

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Current, Potential, Inside, Outside

✕ Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕		✕	✕			
 Negative ✕		✕	✕	✕			

##### 4.3.3 - Non-renewable energy facilities

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant

##### 4.3.4 - Localised utilities

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant











##### 4.3.5 - Major linear utilities

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Current, Potential, Inside

✕ Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕	✕	✕	✕	✕			

**4.3.6 - Please comment as necessary on how the factors selected as relevant in 4.3 are affecting the property either negatively or positively**

#### 4.4. Pollution

##### 4.4.1 - Pollution of marine waters

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant

##### 4.4.2 - Ground water pollution

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant

#### 4.4.3 - Surface water pollution

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant

#### 4.4.4 - Air pollution

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant

#### 4.4.5 - Solid waste

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant

#### 4.4.6 - Input of excess energy

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant

#### 4.4.7 - Please comment as necessary on how the factors selected as relevant in 4.4 are affecting the property either negatively or positively

### 4.5. Biological resource use/modification

#### 4.5.1 - Fishing/collecting aquatic resources

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant

#### 4.5.2 - Aquaculture

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant

#### 4.5.3 - Land conversion

Previous answer Cycle 2 (25/06/2013):

- Relevant, Positive, Negative, Current, Potential, Inside, Outside

✕ Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive ✕	✕	✕	✕	✕		→	
➖ Negative ✕	✕	✕	✕	✕		→	

#### 4.5.4 - Livestock farming/Grazing of domesticated animals

Previous answer Cycle 2 (25/06/2013):

- Relevant, Positive, Negative, Current, Potential, Inside

✕ Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive ✕	✕		✕	✕		→	
➖ Negative							

#### 4.5.5 - Crop production

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Current, Potential, Inside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔨 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕	✕	✕	✕			→	

#### 4.5.6 - Commercial wild plant collection

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

#### 4.5.7 - Subsistence wild plant collection

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

#### 4.5.8 - Commercial hunting

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

#### 4.5.9 - Subsistence hunting

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

#### 4.5.10 - Forestry/Wood production

Previous answer Cycle 2 (25/06/2013):

- Relevant, Positive, Negative, Current, Potential, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔨 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive ✕	✕	✕	✕			→	
➖ Negative ✕	✕	✕	✕			→	

#### 4.5.11 - Please comment as necessary on how the factors selected as relevant in 4.5 are affecting the property either negatively or positively

### 4.6. Physical resource extraction

#### 4.6.1 - Mining

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Potential, Inside

Relevant	✕ Not relevant
----------	----------------

#### 4.6.2 - Quarrying

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Current, Potential, Inside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔨 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
➕ Positive							
➖ Negative ✕	✕	✕		✕	↘		

4.6.3 - Oil and gas

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

4.6.4 - Water (extraction)

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Current, Potential, Inside, Outside

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

4.6.5 - Please comment as necessary on how the factors selected as relevant in 4.6 are affecting the property either negatively or positively

4.7. Local conditions affecting physical fabric

4.7.1 - Wind

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

4.7.2 - Relative humidity

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

4.7.3 - Temperature

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

4.7.4 - Radiation/Light

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

4.7.5 - Dust

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

4.7.6 - Water (rain/water table)

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Current, Potential, Inside

<input checked="" type="checkbox"/> Relevant	<input type="checkbox"/> Not relevant						
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>				

4.7.7 - Pests

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

4.7.8 - Micro-organisms

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	<input checked="" type="checkbox"/> Not relevant
----------	--

#### 4.7.9 - Please comment as necessary on how the factors selected as relevant in 4.7 are affecting the property either negatively or positively

#### 4.8. Social/Cultural uses of heritage

##### 4.8.1 - Ritual/Spiritual/Religious and associative uses

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

##### 4.8.2 - Society's valuing of heritage

Previous answer Cycle 2 (25/06/2013):

- Relevant, Positive, Current, Potential, Inside, Outside

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative							

##### 4.8.3 - Indigenous hunting, gathering and collecting

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

##### 4.8.4 - Changes in traditional ways of life and knowledge system

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

##### 4.8.5 - Identity, social cohesion, changes in local population and community

Previous answer Cycle 2 (25/06/2013):

- Not relevant

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕		✕	✕	✕			
 Negative							

##### 4.8.6 - Impacts of tourism/Visitation/Recreation

Previous answer Cycle 2 (25/06/2013):

- Relevant, Positive, Negative, Current, Potential, Inside, Outside

✕ Relevant	Not relevant						
	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive ✕	✕	✕	✕	✕			
 Negative ✕	✕	✕	✕	✕			

#### 4.8.7 - Please comment as necessary on how the factors selected as relevant in 4.8 are affecting the property either negatively or positively

#### 4.9. Other human activities

##### 4.9.1 - Illegal activities

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Current, Potential, Inside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕	✕	✕				↗

#### 4.9.2 - Deliberate destruction of heritage

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

#### 4.9.3 - Military training

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

#### 4.9.4 - War

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

#### 4.9.5 - Terrorism

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

#### 4.9.6 - Civil unrest

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

#### 4.9.7 - Please comment as necessary on how the factors selected as relevant in 4.9 are affecting the property either negatively or positively

#### 4.10. Climate change and severe weather events

##### 4.10.1 - Storms

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Potential, Inside, Outside

✕ Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	🔥 Current	🔥 Potential	📍 Inside	📍 Outside	↘ Decreasing	→ Stable	↗ Increasing
🟢 Positive							
🔴 Negative ✕	✕	✕	✕	✕		→	

##### 4.10.2 - Flooding

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------

##### 4.10.3 - Drought

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	✕ Not relevant
----------	----------------



#### 4.10.4 - Desertification

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant

#### 4.10.5 - Changes to oceanic waters

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant











#### 4.10.6 - Temperature change

Previous answer Cycle 2 (25/06/2013):

- Not relevant

✕ Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							
 Negative ✕		✕	✕				

#### 4.10.7 - Other climate change impacts

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant

**4.10.8 - Please comment as necessary on how the factors selected as relevant in 4.10 are affecting the property either negatively or positively**

#### 4.11. Sudden ecological or geological events

##### 4.11.1 - Volcanic eruption

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant

##### 4.11.2 - Earthquake

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant

##### 4.11.3 - Tsunami/Tidal wave

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant

##### 4.11.4 - Avalanche/Landslide

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant

✕ Not relevant








##### 4.11.5 - Erosion and siltation/Deposition

Previous answer Cycle 2 (25/06/2013):

- Relevant, Negative, Potential, Inside, Outside

✕ Relevant

Not relevant

	Impact		Origin		Trend of impact		
Impact	 Current	 Potential	 Inside	 Outside	 Decreasing	 Stable	 Increasing
 Positive							

Negative							
----------	--	--	--	--	--	--	--

#### 4.11.6 - Fire (wildfire)

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	Not relevant
----------	--------------

4.11.7 - Please comment as necessary on how the factors selected as relevant in 4.11 are affecting the property either negatively or positively

#### 4.12. Invasive/alien species or hyper-abundant species

##### 4.12.1 - Translocated species

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	Not relevant
----------	--------------

##### 4.12.2 - Invasive/Alien terrestrial species

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	Not relevant
----------	--------------

##### 4.12.3 - Invasive/Alien freshwater species

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	Not relevant
----------	--------------

##### 4.12.4 - Invasive/Alien marine species

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	Not relevant
----------	--------------

##### 4.12.5 - Hyper-abundant species

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	Not relevant
----------	--------------

##### 4.12.6 - Modified genetic material

Previous answer Cycle 2 (25/06/2013):

- Not relevant

Relevant	Not relevant
----------	--------------

4.12.7 - Please comment as necessary on how the factors selected as relevant in 4.12 are affecting the property either negatively or positively

#### 4.13. Management and institutional factors

##### 4.13.1 - Management system/Management plan

Relevant	Not relevant
----------	--------------

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

##### 4.13.2 - Legal framework

Relevant	Not relevant
----------	--------------

	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing

Positive							
Negative							

#### 4.13.3 - Governance

Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

#### 4.13.4 - Management activities

Previous answer Cycle 2 (25/06/2013):

- Relevant, Positive, Current, Potential, Inside, Outside

Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

#### 4.13.5 - Financial resources

Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

#### 4.13.6 - Human resources

Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

#### 4.13.7 - Low impact research/monitoring activities

Previous answer Cycle 2 (25/06/2013):

- Relevant, Positive, Current, Potential, Inside, Outside


Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							
Negative							

#### 4.13.8 - High impact research/monitoring activities

Previous answer Cycle 2 (25/06/2013):

- Relevant, Positive, Current, Potential, Inside

Relevant				Not relevant			
	Impact		Origin		Trend of impact		
Impact	Current	Potential	Inside	Outside	Decreasing	Stable	Increasing
Positive							

 Negative							
--	--	--	--	--	--	--	--

4.13.9 - Please comment as necessary on how the factors selected as relevant in 4.13 are affecting the property either negatively or positively

4.14. Other factor(s)

4.14.1 - Other factor(s)

4.15. Factors Summary Table

4.15.1 - Factors Summary Table

Name	Impact			Origin		Trend
4.1 Buildings and Development						
4.1.1 Housing						
						
4.1.2 Commercial development						
						
4.1.3 Industrial areas						
						
4.1.4 Major visitor accommodation and associated infrastructure						
4.1.5 Interpretative and visitation facilities						
4.2 Transportation Infrastructure						
4.2.1 Ground transport infrastructure						
						
4.3 Services Infrastructures						
4.3.2 Renewable energy facilities						
						
4.3.5 Major linear utilities						
						
4.5 Biological resource use/modification						
4.5.3 Land conversion						
						
4.5.4 Livestock farming/Grazing of domesticated animals						
4.5.5 Crop production						
						
4.5.10 Forestry/Wood production						
						
4.6 Physical resource extraction						
4.6.2 Quarrying						
						
4.7 Local conditions affecting physical fabric						
4.7.6 Water (rain/water table)						
						
4.8 Social/Cultural uses of heritage						
4.8.2 Society's valuing of heritage						

4.8.5 Identity, social cohesion, changes in local population and community	+		⚡	⊙	↻	➔
4.8.6 Impacts of tourism/Visitation/Recreation	+	⚡	⚡	⊙	↻	➔
	-	⚡	⚡	⊙	↻	➔
4.9 Other human activities						
4.9.1 Illegal activities						
	-	⚡	⚡	⊙		➔
4.10 Climate change and severe weather events						
4.10.1 Storms						
	-	⚡	⚡	⊙	↻	➔
4.10.6 Temperature change						
	-		⚡	⊙		➔
4.11 Sudden ecological or geological events						
4.11.5 Erosion and siltation/Deposition						
	-	⚡	⚡	⊙		➔
4.13 Management and institutional factors						
4.13.1 Management system/Management plan	+	⚡	⚡	⊙	↻	➔
4.13.2 Legal framework	+	⚡	⚡	⊙	↻	➔
4.13.3 Governance	+	⚡	⚡	⊙	↻	➔
	-	⚡	⚡	⊙	↻	➔
4.13.4 Management activities	+	⚡	⚡	⊙	↻	➔
4.13.5 Financial resources	+	⚡	⚡	⊙	↻	➔
	-		⚡	⊙	↻	➔
4.13.6 Human resources	+	⚡	⚡			➔
	-	⚡	⚡			➔
4.13.7 Low impact research/monitoring activities	+	⚡	⚡	⊙	↻	➔
4.13.8 High impact research/monitoring activities	+	⚡	⚡	⊙	↻	➔
<b>Legend</b> <span>⚡ Current</span> <span>⚡ Potential</span> <span>- Negative</span> <span>⊕ Positive</span> <span>⊙ Inside</span> <span>↻ Outside</span>						

## 4.16. Assessment of current and potential positive and negative factors

### 4.16.1 - Assessment of current and potential negative and positive factors

#### 4.1 Buildings and Development







Name	Impact			Origin		Trend
4.1.1 Housing						
	-	⚡	⚡	⊙	↻	➔
Spatial scale - Area affected by the factor						
✕	Restricted					

	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.1.2 Commercial development						

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	

	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.1.3 Industrial areas			
	  	 	




<b>Spatial scale - Area affected by the factor</b>	
✕	Restricted
	Localised
	Extensive
	Widespread

<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going

<b>Impact - Impact on the attributes</b>	
✕	Insignificant
	Minor
	Significant
	Major

<b>Management response - Capacity of management to respond</b>	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

<b>Trend - Development over the last 6 years</b>	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.1.4 Major visitor accommodation and associated infrastructure	  	 	

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
✕	Localised

	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact			Origin	Trend
4.1.5 Interpretative and visitation facilities					

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity



✕	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
	Static
✕	Increasing



## 4.2 Transportation Infrastructure

Name		Impact			Origin		Trend
4.2.1 Ground transport infrastructure							
Spatial scale - Area affected by the factor							
	Restricted						
	Localised						
	Extensive						
	Widespread						
Temporal scale - Occurence of the impact							
	One off or rare						
	Intermittent or sporadic						
	Frequent						
	On-going						
Impact - Impact on the attributes							
	Insignificant						
	Minor						
	Significant						
	Major						
Management response - Capacity of management to respond							
	High capacity						
	Medium capacity						
	Low capacity						
	No capacity and / or resources						
Trend - Development over the last 6 years							
	Decreasing						
	Static						
	Increasing						

## 4.3 Services Infrastructures

Name		Impact			Origin		Trend
4.3.2 Renewable energy facilities							













Spatial scale - Area affected by the factor	
<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input type="checkbox"/>	One off or rare
<input checked="" type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major
Management response - Capacity of management to respond	
<input type="checkbox"/>	High capacity
<input checked="" type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input type="checkbox"/>	Static
<input checked="" type="checkbox"/>	Increasing

Name	Impact			Origin		Trend
4.3.5 Major linear utilities	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
						




Spatial scale - Area affected by the factor	
<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurrence of the impact	
<input checked="" type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input checked="" type="checkbox"/>	Insignificant
<input type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major

Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Developement over the last 6 years	
	Decreasing
✕	Static
	Increasing



## 4.5 Biological resource use/modification

Name	Impact	Origin	Trend
4.5.3 Land conversion	  	 	
	  	 	

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Developement over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.5.4 Livestock farming/Grazing of domesticated animals	 	 	

Spatial scale - Area affected by the factor	
<input checked="" type="checkbox"/>	Restricted
<input type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurence of the impact	
<input type="checkbox"/>	One off or rare
<input checked="" type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input checked="" type="checkbox"/>	Minor
<input type="checkbox"/>	Significant
<input type="checkbox"/>	Major
Management response - Capacity of management to respond	
<input type="checkbox"/>	High capacity
<input checked="" type="checkbox"/>	Medium capacity
<input type="checkbox"/>	Low capacity
<input type="checkbox"/>	No capacity and / or resources
Trend - Development over the last 6 years	
<input type="checkbox"/>	Decreasing
<input checked="" type="checkbox"/>	Static
<input type="checkbox"/>	Increasing

Name	Impact			Origin		Trend
4.5.5 Crop production	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
					<input type="checkbox"/>	

Spatial scale - Area affected by the factor	
<input type="checkbox"/>	Restricted
<input checked="" type="checkbox"/>	Localised
<input type="checkbox"/>	Extensive
<input type="checkbox"/>	Widespread
Temporal scale - Occurence of the impact	
<input type="checkbox"/>	One off or rare
<input type="checkbox"/>	Intermittent or sporadic
<input type="checkbox"/>	Frequent
<input checked="" type="checkbox"/>	On-going
Impact - Impact on the attributes	
<input type="checkbox"/>	Insignificant
<input checked="" type="checkbox"/>	Minor
<input type="checkbox"/>	Significant

	Major
<b>Management response - Capacity of management to respond</b>	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
✕	Static
	Increasing

Name	Impact			Origin		Trend
4.5.10 Forestry/Wood production						

<b>Spatial scale - Area affected by the factor</b>						
	Restricted					
✕	Localised					
	Extensive					
	Widespread					
<b>Temporal scale - Occurrence of the impact</b>						
	One off or rare					
	Intermittent or sporadic					
✕	Frequent					
	On-going					
<b>Impact - Impact on the attributes</b>						
	Insignificant					
✕	Minor					
	Significant					
	Major					
<b>Management response - Capacity of management to respond</b>						
	High capacity					
✕	Medium capacity					
	Low capacity					
	No capacity and / or resources					
<b>Trend - Development over the last 6 years</b>						
	Decreasing					
✕	Static					
	Increasing					

## 4.6 Physical resource extraction

Name	Impact			Origin		Trend
4.6.2 Quarrying						






<b>Spatial scale - Area affected by the factor</b>							
<input checked="" type="checkbox"/>	Restricted						
<input type="checkbox"/>	Localised						
<input type="checkbox"/>	Extensive						
<input type="checkbox"/>	Widespread						
<b>Temporal scale - Occurrence of the impact</b>							
<input checked="" type="checkbox"/>	One off or rare						
<input type="checkbox"/>	Intermittent or sporadic						
<input type="checkbox"/>	Frequent						
<input type="checkbox"/>	On-going						
<b>Impact - Impact on the attributes</b>							
<input checked="" type="checkbox"/>	Insignificant						
<input type="checkbox"/>	Minor						
<input type="checkbox"/>	Significant						
<input type="checkbox"/>	Major						
<b>Management response - Capacity of management to respond</b>							
<input type="checkbox"/>	High capacity						
<input checked="" type="checkbox"/>	Medium capacity						
<input type="checkbox"/>	Low capacity						
<input type="checkbox"/>	No capacity and / or resources						
<b>Trend - Development over the last 6 years</b>							
<input checked="" type="checkbox"/>	Decreasing						
<input type="checkbox"/>	Static						
<input type="checkbox"/>	Increasing						

#### 4.7 Local conditions affecting physical fabric







Name	Impact			Origin		Trend
4.7.6 Water (rain/water table)						
<b>Spatial scale - Area affected by the factor</b>						
<input checked="" type="checkbox"/>	Restricted					
<input type="checkbox"/>	Localised					
<input type="checkbox"/>	Extensive					
<input type="checkbox"/>	Widespread					
<b>Temporal scale - Occurrence of the impact</b>						
<input checked="" type="checkbox"/>	One off or rare					
<input type="checkbox"/>	Intermittent or sporadic					
<input type="checkbox"/>	Frequent					
<input type="checkbox"/>	On-going					
<b>Impact - Impact on the attributes</b>						

✕	Insignificant
	Minor
	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
✕	Static
	Increasing












## 4.8 Social/Cultural uses of heritage

Name	Impact	Origin	Trend
4.8.2 Society's valuing of heritage	  	 	

<b>Spatial scale - Area affected by the factor</b>	
	Restricted
	Localised
✕	Extensive
	Widespread
<b>Temporal scale - Occurrence of the impact</b>	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
<b>Impact - Impact on the attributes</b>	
	Insignificant
✕	Minor
	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.8.5 Identity, social cohesion, changes in local population and community	  	 	

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing





Name	Impact	Origin	Trend
4.8.6 Impacts of tourism/Visitation/Recreation	  	 	
	  	 	

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going



Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Developement over the last 6 years	
	Decreasing
	Static
✕	Increasing







## 4.9 Other human activities

Name	Impact			Origin		Trend
4.9.1 Illegal activities						
						




Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Developement over the last 6 years	
	Decreasing
	Static

✕	Increasing
---	------------

#### 4.10 Climate change and severe weather events

Name	Impact	Origin	Trend
4.10.1 Storms			
			
			






Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
✕	One off or rare
	Intermittent or sporadic
	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
	Static
✕	Increasing

Name	Impact	Origin	Trend
4.10.6 Temperature change			
			

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic

	Frequent
✕	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing





#### 4.11 Sudden ecological or geological events

Name	Impact			Origin		Trend
4.11.5 Erosion and siltation/Deposition						
						






Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	

	Decreasing
✕	Static
	Increasing

#### 4.13 Management and institutional factors

Name	Impact	Origin	Trend
4.13.1 Management system/Management plan	  	 	

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.13.2 Legal framework	  	 	




Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	

	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.13.3 Governance	<div> <div>+</div> <div>⬇</div> <div>⬆</div> </div>	<div> <div>⦿</div> <div>↻</div> </div>	<div> <div>➡</div> </div>
	<div> <div>-</div> <div>⬇</div> <div>⬆</div> </div>	<div> <div>⦿</div> <div>↻</div> </div>	<div> <div>➡</div> </div>

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
	Minor
	Significant
✕	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	

	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.13.4 Management activities	  	 	

#### Spatial scale - Area affected by the factor

	Restricted
	Localised
✕	Extensive
	Widespread

#### Temporal scale - Occurrence of the impact

	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going

#### Impact - Impact on the attributes








	Insignificant
	Minor
✕	Significant
	Major

#### Management response - Capacity of management to respond

	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources

#### Trend - Development over the last 6 years

	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.13.5 Financial resources	  	 	
	 	 	

#### Spatial scale - Area affected by the factor

	Restricted
	Localised
	Extensive
✕	Widespread

#### Temporal scale - Occurrence of the impact






	One off or rare
	Intermittent or sporadic

	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing







Name	Impact	Origin	Trend
4.13.6 Human resources	<div> <div>+</div> <div>📉</div> <div>📈</div> </div>	<div> <div></div> <div></div> </div>	<div>→</div>
	<div> <div>-</div> <div>📉</div> <div>📈</div> </div>	<div> <div></div> <div></div> </div>	<div>↗</div>

Spatial scale - Area affected by the factor	
	Restricted
	Localised
	Extensive
✕	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
	Frequent
✕	On-going
Impact - Impact on the attributes	
	Insignificant
✕	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing

✕	Static
	Increasing

Name	Impact	Origin	Trend
4.13.7 Low impact research/monitoring activities	  	 	

Spatial scale - Area affected by the factor	
	Restricted
✕	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
	Intermittent or sporadic
✕	Frequent
	On-going
Impact - Impact on the attributes	
✕	Insignificant
	Minor
	Significant
	Major
Management response - Capacity of management to respond	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
Trend - Development over the last 6 years	
	Decreasing
✕	Static
	Increasing

Name	Impact	Origin	Trend
4.13.8 High impact research/monitoring activities	  	 	

Spatial scale - Area affected by the factor	
✕	Restricted
	Localised
	Extensive
	Widespread
Temporal scale - Occurrence of the impact	
	One off or rare
✕	Intermittent or sporadic
	Frequent



	On-going
<b>Impact - Impact on the attributes</b>	
✕	Insignificant
	Minor
	Significant
	Major
<b>Management response - Capacity of management to respond</b>	
	High capacity
✕	Medium capacity
	Low capacity
	No capacity and / or resources
<b>Trend - Development over the last 6 years</b>	
	Decreasing
✕	Static
	Increasing

#### 4.17. Serial inscriptions (national or transnational)

##### 4.17.1 - If your property is a serial inscription (national or transnational) please identify which components of the property are impacted by each factor

It is difficult to give comprehensive information here. The transnational nature of the FRE has required an amalgamated response suitable for all stakeholders across England, Scotland and the Federal States of Germany. These answers were drawn together through face to face discussion and negotiation. Weighting of impact is based either on the proportionate size of each part of the whole or on acute impact at any one point on OUV to best practically summarise the current and potential situation.

#### 4.18. Prediction of the state of conservation at next cycle of Periodic Reporting.

##### 4.18.1 - Please predict what the state of conservation of each attribute will be approximately 6 years from now (at the time of the next cycle of Periodic Reporting)

	Attribute	Preserved	Compromised	Seriously compromised	Lost
4.18.1.1	Artificial boundaries in the north-western provinces of the Roman Empire	✕			
4.18.1.2	Military installations showing Roman military architecture and building techniques: walls, ditches, earthworks, fortlets, forts, fortresses, watchtowers	✕			
4.18.1.3	Civilian settlements related to military installations and linked through an extensive supporting network	✕			
4.18.1.4	Many remains survive as part of a landscape which still contains significant visible traces of the Roman military presence	✕			
4.18.1.5	Extensive relict landscapes: combination of visible and buried remains	✕			

#### 5. Protection and Management of the Property

##### 5.1. Boundaries and Buffer Zones

###### 5.1.1 - Are the boundaries of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The boundaries are **adequate to maintain** the property's Outstanding Universal Value

###### 5.1.2 - Are the boundaries of the World Heritage property known and recognised?

The boundaries **are known by both** the management authority and local communities/landowners

###### 5.1.3 - Are the buffer zone(s) of the World Heritage property adequate to maintain the property's Outstanding Universal Value?

The buffer zones are **adequate** to maintain the property's Outstanding Universal Value

###### 5.1.4 - Are the boundaries of the buffer zones known and recognised?

The buffer zones of the World Heritage property **are known and recognised** by the management authority **but are not known** by local communities/landowners

###### 5.1.5 - Comments, conclusions and/or recommendations related to boundaries and buffer zones of the World Heritage property

##### 5.2. Protective Measures

### 5.2.1 - Protective designation (legal, regulatory, contractual, planning, institutional and/or traditional).

- Rheinland-Palatinate: Denkmalschutz- und -pflegegesetz. Hesse: Gesetz zum Schutz der Kulturdenkmäler (Denkmalschutzgesetz). Baden-Württemberg: Gesetz zum Schutz der Kulturdenkmale.
- Bayern: Bayerisches Denkmalschutzgesetz
- English National Planning Policy Framework - March '12 (DCLG)
- Protection of WH in England Planning Circular 07/09 (DCMS)
- The Town & Country Planning Act (Scotland) 1997, as amended by The Planning etc (Scotland) Act 2006
- Scottish Planning Policy (2010)
- Planning Advice Note 2/2011 Planning and Archaeology
- Historic Environment (Amendment) Scotland Act 2011.
- Scottish Historic Environment Policy, December 2011
- Managing Change in the Historic Environment Guidance Notes, Historic Scotland, various dates
- Supplementary Planning Guidance for the Antonine Wall World Heritage Site, 2012

Source: Periodic Reporting Cycle 1, Periodic Reporting Cycle 2

### Comment

For the Antonine Wall - National Planning Framework 4 (2023), Historic Environment Policy for Scotland (HEPS) (2019), revised Supplementary Guidance for the Antonine Wall World Heritage Site (Currently being adopted by the Local authorities) Please refer to the UK State Party's Section I questionnaire for a list of national legislation relevant to UK World Heritage Sites.

### 5.2.2 - Please list any legislation and other measures (regulatory -including spatial planning- contractual, institutional or traditional) not included in 5.2.1 and indicate the category

### 5.2.3 - Is the legal framework (i.e. legislation and/or regulation including spatial planning) adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for maintaining of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property provides an **adequate basis for effective management and protection**

### 5.2.4 - Is the legal framework (i.e. legislation and/or regulation) adequate in the buffer zone for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** in the buffer zone for the maintenance of the Outstanding Universal Value including conditions of Authenticity and/or Integrity of the World Heritage property provides an **adequate basis for effective management and protection**

### 5.2.5 - Is the legal framework (i.e. legislation and/or regulation) in the broader setting of the World Heritage property adequate for maintaining the Outstanding Universal Value including conditions of Integrity and/or Authenticity of the property?

The **legal framework** for the broader setting of the World Heritage property provides an **adequate basis for** effective management and protection of the property, contributing to the maintenance of its Outstanding Universal Value including conditions of Authenticity and/or Integrity

### 5.2.6 - Can the legal framework (i.e. legislation and/or regulation) be enforced?

There is **adequate capacity/resources** to enforce legislation and/or regulation in the World Heritage property

### 5.2.7 - Please provide a short summary of how the legislation, including spatial planning and other regulation, works in practice

### 5.2.8 - Comments, conclusions and/or recommendations about the information related to the measures taken to protect the World Heritage property

## 5.3. Management System/Management Plan

### 5.3.1 - Please check the box which most closely match the character of the governance and management system of the property

Other

If 'Other', please specify

Stakeholder Partnership

### 5.3.2 - Management System: Please indicate which of the various management tools listed below are used to help protect the property.

Other forms of statutory or non-statutory plans (e.g. strategic plans)

Agreed 'Memorandums of Understanding' between different managing institutions, groups or others, including documents agreed with local communities for management

A framework for inclusive economic development, including equal access and distribution of resources and opportunities arising from the protection of the property

A code of practice developed by local communities or other groups

A management plan

An environmental management framework



A joint approach to management of cultural and natural heritage

Other (please specify below)

Interpretation Frameworks

### 5.3.3 - Please give a brief description of the management system currently in place at your property

### 5.3.4 - Management Documents

Title	Status	Available	Date	Link to source
Hadrian's Wall World Heritage Site - Management Plan, 07/1996	N/A	Available	1996	
Hadrian's Wall World Heritage Site. Management Plan, 1996	N/A	Available	1996	
Hadrian's Wall World Heritage Site. Management Plan, 2002-2007	N/A	Available	2002	
Upper German Raetian Limes Management Plan 2019-2023	N/A	Available	2019	

### Comment

Hadrian's Wall World Heritage Site - Management Plan, 2015-2019 (extended 20-22). Link to source (<https://hadranswallcountry.co.uk/>) Antonine Wall World Heritage Site - Management Plan 2014-2019 (extended - 23)  
<https://www.historicenvironment.scot/archives-and-research/publications/publication/?publicationid=f477ec1e-8366-4295-ac10-a5c900aab488>

### 5.3.5 - Has any use been made of the 2011 Recommendation on the Historic Urban Landscape in developing policies and best practices for the protection of this property?

The 2011 Recommendation on the Historic Urban Landscape is **not relevant** to this property

### 5.3.6 - If the Historic Urban Landscape Recommendation has been used at this property, please describe briefly what has been done.

### 5.3.7 - Has any use been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property?

**Some use** has been made of the World Heritage Policy for Climate Change

### 5.3.8 - If the Climate Change policy has been used, please briefly describe what has been done along with any research on the impacts of Climate Change on the property:

A Climate Vulnerability Assessment has been carried out on the Antonine Wall World Heritage Site in collaboration with James Cook University, this looked at the vulnerability of the communities and the OUV. A PHD on Antonine Wall has recently completed looking at the impact of increased precipitation. Findings will be incorporated into the next management plan.

### 5.3.9 - Has any use been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property ?

**Some use** has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties

### 5.3.10 - If the Strategy for Reducing Risks from Disasters at World Heritage Properties has been used, please briefly describe what has been done

### 5.3.11 - Rate the coordination between the various levels of administration (i.e. national/federal; regional/provincial/state; local/municipal etc.) involved in the management of the World Heritage property

There is **coordination** between the range of administrative bodies involved in the management of the property, **but it could be improved**

### 5.3.12 - Is the management system/plan adequate to maintain the property's Outstanding Universal Value?

The management system/plan is **fully adequate** to maintain the property's Outstanding Universal Value

### 5.3.13 - Is the management system being implemented?

The management system is being **fully implemented and monitored**

### 5.3.14 - Is there an annual work/action plan and is it being implemented?

**No** annual work/action plan exists and it is **not needed**

### 5.3.15 - Does the management system include formal mechanisms and procedures that ensure participation and contribution of the following groups, living within or near the World Heritage property and/or buffer zone in management decisions that maintain the Outstanding Universal Value of the property?

		Not applicable	No mechanisms for participation	Some participation	Direct participation	Transformative participation in all relevant decision processes
5.3.15.1	Local communities			✗		
5.3.15.2	Local authorities			✗		
5.3.15.3	Landowners in the property and the buffer zone			✗		
5.3.15.4	Indigenous peoples	✗				
5.3.15.5	Women	✗				
5.3.15.6	Other specific groups	✗				

	If you selected, 'Other specific groups' please specify	
--	---	--

**5.3.16 - Please rate the cooperation/relationship between the World Heritage property managers/coordinators/staff and the following groups**

		Not applicable	Non-existent	Poor	Fair	Good
5.3.16.1	Local communities				×	
5.3.16.2	Local/Municipal authorities				×	
5.3.16.3	Indigenous peoples	×				
5.3.16.4	Landowners				×	
5.3.16.5	Women	×				
5.3.16.6	Youth/Children				×	
5.3.16.7	Researchers					×
5.3.16.8	Local Visitors/Tourists				×	
5.3.16.9	National/International tourists				×	
5.3.16.10	Tourism Industry				×	
5.3.16.11	Local businesses and industries				×	
5.3.16.12	NGOs				×	
5.3.16.13	Other specific groups	×				
	If you selected 'Other specific groups', please specify					

**5.3.17 - Please rate the extent to which the management system of your property contributes towards achieving the objectives of the World Heritage Committee's Policy for the Integration of a Sustainable Development Perspective into the Processes of the World Heritage Convention**

		Not applicable	No contribution	Limited	Significant	Full achievement
5.3.17.1	The management system of the property contributes to gender equality			×		
5.3.17.2	The management system of the property provides ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)			×		
5.3.17.3	The management system of the property contributes to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status			×		
5.3.17.4	The management system of the property integrates a human rights-based approach			×		
5.3.17.5	The management system of the property contributes to fostering inclusive local economic development, and to enhancing livelihood				×	
5.3.17.6	The management system of the property contributes to conflict prevention, including respect for cultural diversity within and around the World Heritage property			×		

**5.3.18 - Please provide further details on the ratings of the management system given in the table above**

**5.3.19 - Comments, conclusions and/or recommendations related to the management system/plan**

**6. Financial and Human Resources**

**6.1. Funding**

**6.1.1 - If your funding sources do not exactly fit those shown, put the relevant amounts against the funding type that most closely represents your situation, and use the comment box below to provide more details.**

		Project costs	Running costs
6.1.1.1	Multilateral funding (GEF, World Bank, etc.)	0 %	0 %
6.1.1.2	Bilateral international funding	0 %	0 %
6.1.1.3	World Heritage Fund (International Assistance)	0 %	0 %
6.1.1.4	Contribution from other conventions and programmes	0 %	0 %
6.1.1.5	International donations (NGOs, foundations, etc.)	0 %	0 %

6.1.1.6	Governmental (national/federal)	0 %	30 %
6.1.1.7	Governmental (regional/provincial/state)	0 %	50 %
6.1.1.8	Governmental (local/municipal)	0 %	5 %
6.1.1.9	In-country donations (NGOs, foundations, etc.)	0 %	5 %
6.1.1.10	Individual visitor charges (e.g. entry, toilets, parking, camping fees, etc.)	0 %	10 %
6.1.1.11	Commercial activities (e.g. merchandising and catering, filming permit, concessions, etc.)	0 %	0 %
6.1.1.12	Other	100 %	0 %
		Total 100 %	Total 100 %

#### 6.1.2 - Please comment here on any other aspects of funding sources not covered in the table above

Other = National Lottery Heritage Fund and LEADER

#### 6.1.3 - Is the current budget sufficient to manage the World Heritage property effectively?

The available **budget is acceptable** but **could be further improved** to fully meet the management needs

#### 6.1.4 - Are the existing sources of funding secure and likely to remain so?

The existing sources of funding are **secure over the medium-term** and **planning is underway to secure funding over the long-term**

#### 6.1.5 - Comments, conclusion, and/or recommendations related to finance and infrastructure

#### 6.1.6 - Estimate the distribution of men and women involved in the management, conservation, interpretation of the World Heritage properties and the extent to which they are drawn from local communities.

		From local communities %	From elsewhere %
6.1.6.1	Men	30 %	50 %
6.1.6.2	Women	70 %	50 %
		Total 100 %	Total 100 %

#### 6.1.7 - Are available human resources adequate to manage the World Heritage property?

Human resources **partly meet** the management needs of the World Heritage property

#### 6.1.8 - Considering the management needs of the World Heritage property, please rate the availability of professionals in the following disciplines

Conservation	Good
Environmental sustainability	Fair
Community participation and inclusion	Fair
Risk preparedness	Fair
Capacity development and education	Fair
Administration	Fair
Research and monitoring	Fair
Awareness raising and public information/communication	Fair
Marketing and promotion	Fair
Interpretation	Good
Visitor management/tourism	Fair
Enforcement (custodians, police)	Fair

#### 6.1.9 - Please rate the availability of training opportunities for the management of the World Heritage property in the following disciplines

Conservation	Fair
Environmental sustainability	Fair
Community participation and inclusion	Fair
Risk preparedness	Poor
Capacity development and education	Poor
Administration	Fair
Research and monitoring	Fair

Awareness raising and public information/communication	Fair
Marketing and promotion	Fair
Interpretation	Fair
Visitor management/tourism	Fair
Enforcement (custodians, police)	Poor

**6.1.10 - Has any use been made of the World Heritage Strategy for Capacity Building at the property?**

No use has been made of the World Heritage Strategy for Capacity Building

**6.1.11 - If the World Heritage Strategy for Capacity Building has been used, please briefly describe what has been done.**

**6.1.12 - Are there site-specific capacity building plans or programmes that develop local expertise and that contribute to the transfer of skills for the conservation and management of the World Heritage property?**

There is **no site-based** capacity building plan or programme in place; management is implemented by external staff and skills are not transferred

**6.1.13 - Comments, conclusions and/or recommendations related to human resources, expertise and training**

**7. Scientific Studies and Research Projects**

**7.1 - Is there adequate knowledge (scientific or traditional) about the values and attributes of the World Heritage property to support planning, management and decision-making to ensure that Outstanding Universal Value is maintained?**

Knowledge about the values and attributes of the World Heritage property is **adequate**

**7.2 - Is there a planned programme of research at the property which is directed towards management needs and/or improving understanding of Outstanding Universal Value?**

There is a **comprehensive, integrated programme** of research, which is relevant to management needs and/or improving understanding of Outstanding Universal Value

**7.3 - Are results from research programmes publicly available and disseminated?**

Research results **are shared with local communities and some national agencies**

**7.4 - Comments, conclusions and/or recommendations related to scientific studies and research projects**

**8. Education, Information and Awareness Building**

**8.1 - Please rate the awareness and understanding of the existence and justification for inscription of the World Heritage property amongst the following groups**

Local communities	Fair
Local/municipal authorities	Fair
Indigenous peoples	Not applicable
Landowners	Poor
Women	Not applicable
Youth/children	Poor
Researchers	Good
Local visitors	Fair
National/international tourists	Fair
Tourism industry	Poor
Local businesses and industries	Poor
NGOs	Poor
Other specific groups	Not applicable
If you selected 'Other specific groups', please describe	

**8.2 - Does the property have a heritage education programme(s) for children and/or youth, that can contribute to a better understanding of heritage, promote diversity and foster intercultural dialogue?**

There is a **limited and ad hoc education** and awareness programme for children and/or youth

**8.3 - Who are the target audiences for education and awareness programmes at your property?**

Local communities
-------------------

Local/municipal authorities
Women
Youth/children
Researchers
Local Visitors
National/international tourists
Tourism industry

#### 8.4 - Please rate the adequacy of the following visitor facilities and services at the World Heritage property for education, information, interpretation and awareness building

Visitor centre	Fair
Site museum	Good
Information booths	Fair
Guided tours	Fair
Trails/routes	Good
Printed information materials	Fair
Online (website, social media, etc.)	Good
Transportation facilities	Poor
Other	Not needed
If 'Other' is selected, please specify	

#### 8.5 - Comments, conclusions and/or recommendations related to education, information and awareness building

### 9. Visitor Management

#### 9.1 - Please provide estimated annual visitor numbers (including national and international visitors) since the last Periodic Report

Not available - see 9.17 / Not available - see 9.17 / Not available - see 9.17 / Not available - see 9.17 / Not available - see 9.17 /

#### 9.2 - What information sources are used to collect visitor statistics?

Entry tickets and registries
Accommodation establishments
Transportation services
Tourism industry
Visitor surveys
Other
People counters

#### 9.3 - What is the average length stay of a visitor to the World Heritage property?

One day (no overnight stay)

#### 9.4 - Please provide the source of information

We have found that data is collected at Micro level at hundreds of points along the FRE and by hundreds of stakeholder partners. This data however has little consistency with subtly differing rationales for this collection and as such is difficult to interrelate or merge with any meaning. Large scale data sets for a region cannot be broken down to give the granular detail needed either. This is a constant challenge for a long linear feature hence we have some data but by no means all the data.

#### 9.5 - What is the approximate average daily visitor expenditure? (Please provide an estimated monetary figure in USD)

0 - see 9.17 / 0 - see 9.17 / 0 - see 9.17 / 0 - see 9.17 / 0 - see 9.17 /

#### 9.6 - Please provide the source of information

#### 9.7 - Does the management system/plan for the World Heritage property include a strategy with an action plan to manage visitors, tourism activity and its derived economic, socio-cultural and environmental impacts?

There is a **strategy** to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are **some deficiencies in implementation**

#### 9.8 - Please provide any comments relating to the answer provided above in question 9.7

#### 9.9 - Is visitor use effectively managed to maintain the Outstanding Universal Value of the property?

Visitor use of the World Heritage property is managed but **improvements could be made**

9.10 - Is the effectiveness of tourism management regularly monitored?

No

If a different system, please specify

9.11 - How does the tourism industry cooperate with the site management to improve visitor experiences and maintain the Outstanding Universal Value of the World Heritage property?

There is **limited cooperation** between those responsible for the World Heritage property and the tourism industry **to present the Outstanding Universal Value and increase appreciation**

9.12 - How well is the information on the Outstanding Universal Value of the property presented and interpreted?

The presentation and interpretation of the Outstanding Universal Value of the property is **acceptable** but **improvements could be made**

9.13 - At how many locations is the World Heritage emblem displayed at the property?

In **many locations** and **easily visible** to visitors

9.14 - How does visitor/tourism revenue (e.g. entry charges, permits) contribute to the management of the World Heritage property?

**Fees are collected**, and make **some contribution** to the management of the World Heritage property

9.15 - Are there locally driven sustainable tourism initiatives?

No

If 'Yes', please specify

9.16 - Are the benefits of tourism shared with local communities?

Yes

If 'Yes', please specify

But limited

9.17 - Comments, conclusions and/or recommendations related to visitation/tourism/public use of the World Heritage property

Within section 9 we have had difficulty achieving meaningful robust numbers for a long linear property which has, with the exception of only a few locations, no pay barrier. Interaction with the WHS is achievable at numerous locations, both highly urban and remotely rural, making monitoring of figures impossible and impractical.

10. Monitoring

10.1 - Is there a monitoring programme at the property directed towards management needs and/or towards improving the understanding of the Outstanding Universal Value?

There is a **small amount of monitoring**, but it is not planned

10.2 - Is necessary information available in order to define key indicators for measuring the state of conservation and are they used in monitoring how the Outstanding Universal Value of the property is being maintained?

Information on the values of the World Heritage property is **adequate** and **key indicators have been defined** for measuring the state of conservation and **are being used in monitoring** of how the Outstanding Universal value of the property is being maintained

10.3 - Are key indicators defined and in place for the following principal aspects of the property?

	Extend of indicators	Not applicable	No indicators	Indicators have been defined but are not yet in use	Indicators are in place and in use since the last Periodic Reporting cycle
10.3.1	State of conservation		✗		
10.3.2	Effectiveness of the management system		✗		
10.3.3	Character of governance		✗		
10.3.4	Appropriate synergy with other conservation designations		✗		
10.3.5	Contribution to sustainable development		✗		
10.3.6	Capacity development		✗		

10.4 - Please provide information on relevant key indicators adopted at the property

10.5 - Please rate the level of involvement in monitoring of the following groups:

World Heritage managers/coordinators and staff	Fair
Local/municipal authorities	Poor
Local communities	Poor
Indigenous peoples	Not applicable
Landowners	Poor



Women	Not applicable
Researchers	Not applicable
Tourism industry	Not applicable
Local businesses and industry	Not applicable
NGOs	Not applicable
Other specific groups	Not applicable
If you selected 'Other specific groups', please specify	

#### 10.6 - Has the State Party implemented relevant recommendations arising from the World Heritage Committee?

No relevant Committee recommendations to implement

#### 10.7 - Please provide comments relevant to the implementation of recommendations from the World Heritage Committee.

#### 10.8 - Comments, conclusions and/or recommendations related to Monitoring

At an FRE wide scale, constant monitoring is a challenge due to size and resource. Detailed and specific local and regional monitoring is being undertaken with the support of third parties and other agencies. FRE Coordinators see this as an area for improvement and streamlining across our local, national and federal areas so that while operationally each section of the FRE is understood the amalgamation process is more efficient and meaningful.

### 11. Identification of Priority Management Needs

#### 11.1 - Identification of Priority Management Needs

5.1	<b>Boundaries and Buffer Zones</b>	
5.1.4	The buffer zones of the World Heritage property <b>are known and recognised by the management authority but are not known and recognized by local communities/landowners</b>	✗
5.3	<b>Management System/Management Plan</b>	
5.3.7	<b>Some use</b> has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	✗
5.3.9	<b>Some use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	✗
5.3.11	There is <b>coordination</b> between the range of administrative bodies involved in the management of the property, <b>but it could be improved</b>	✗
5.3.17	<ul style="list-style-type: none"> <li>In a <b>limited manner</b>, the management system of the World Heritage property does <b>contribute to gender equality</b></li> <li>In a <b>limited manner</b>, the management system of the World Heritage property does <b>provide ecosystem services/benefits to the local community (e.g. fresh air, water, food, medicinal plants)</b></li> <li>In a <b>limited manner</b>, the management system of the World Heritage property does <b>contribute to social inclusion and equity, improving opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion or economic or other status</b></li> <li>In a <b>limited manner</b>, the management system of the World Heritage property does <b>integrate a human rights-based approach</b></li> <li>In a <b>limited manner</b>, the management system of the World Heritage property does <b>contribute to conflict prevention, including respect for cultural diversity within and around the World Heritage property</b></li> </ul>	
6.1	<b>Funding</b>	
6.1.3	The available <b>budget is acceptable</b> but <b>could be further improved</b> to fully meet the management needs of the World Heritage property	
6.1.7	Human resources <b>partly meet</b> the management needs of the World Heritage property	✗
6.1.10	<b>No use</b> has been made of the World Heritage Strategy for Capacity Development at the World Heritage property	
6.1.12	There is <b>no site-based</b> capacity building plan or programme in place; management is implemented by external staff and skills are not transferred	
8	<b>Education, Information and Awareness Building</b>	
8.2	There is a <b>limited and ad hoc education</b> and awareness programme for children and/or youth	✗
9	<b>Visitor Management</b>	
9.7	There is <b>a strategy</b> to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are <b>some deficiencies in implementation</b>	✗
9.9	Visitor use of the World Heritage property is managed but <b>improvements could be made</b>	✗
9.11	There is <b>limited cooperation</b> between those responsible for the World Heritage property and the tourism industry <b>to present the Outstanding Universal Value and increase appreciation</b>	
9.12	The presentation and interpretation of the Outstanding Universal Value of the property <b>is acceptable but improvements could be made</b>	✗
10	<b>Monitoring</b>	
10.1	There is a <b>small amount of monitoring</b> at the World Heritage property, but it is not planned	✗

Please select 0 more issues.

☒ Please save this question to reflect changes

## 12. Summary and Conclusions

### 12.1. Summary - Factors affecting the Property

#### 12.1.1 - Summary - Factors affecting the Property

4.3	Services Infrastructures						
4.3.2	Renewable energy facilities	Criterion ii, iv. Military installations Civilian settlements Remains of the Roman military presence Extensive relict landscapes	Mitigate via appropriate planning and development policies	Monitor via site visits and research, where appropriate	Ongoing	Historic England Historic Environment Scotland Rhineland-Palatinate General Directorate for Cultural Heritage, Landesamt für Denkmalpflege Hessen, Landesamt für Denkmalpflege Baden-Württemberg, Bavarian State Office for Monument Protection	This answer is amalgamated across 6 legal frameworks
4.5	Biological resource use/modification						
4.5.5	Crop production	Criterion ii, iv. Military installations Civilian settlements Extensive relict landscapes	Mitigated through agri-environment and extensification (EC) schemes	Monitoring through site visits & research	Ongoing	Historic England Historic Environment Scotland Rhineland-Palatinate General Directorate for Cultural Heritage, Landesamt für Denkmalpflege Hessen, Landesamt für Denkmalpflege Baden-Württemberg, Bavarian State Office for Monument Protection	This answer is amalgamated across 6 legal frameworks
4.5.10	Forestry/Wood production	Criterion ii, iv. Military installations Civilian settlements Extensive relict landscapes	Mitigated through agri-environment and extensification (EC) schemes.	Monitoring through site visits & research	Ongoing	Historic England Historic Environment Scotland Rhineland-Palatinate General Directorate for Cultural Heritage, Landesamt für Denkmalpflege Hessen, Landesamt für Denkmalpflege Baden-Württemberg, Bavarian State Office for Monument Protection	This answer is amalgamated across 6 legal frameworks
4.8	Social/Cultural uses of heritage						
4.8.6	Impacts of tourism/Visitation/Recreation	Criterion ii, iv. Military installations Civilian settlements Extensive relict landscapes	Positive tourism management strategies Improved visitor infrastructure	Visitor numbers & locations Physical impact	Ongoing	Hadrian's Wall Partnership, Antonine Wall Partnership Members of the German Limes Commission	Only affecting very limited parts of the FRE
4.9	Other human activities						
4.9.1	Illegal activities	Criterion ii, iv. Military installations Civilian settlements Remains of the Roman military presence Extensive relict landscapes	Work in collaboration with partner organisations to mitigate against the risk of illegal activities.	Have appropriate procedures in place for monitoring, actioning against and reporting any illegal activity.	Ongoing	Historic England Historic Environment Scotland German Limes Commission Respective law enforcement agencies	Only affecting very limited parts of the FRE
4.10	Climate change and severe weather events						
4.10.6	Temperature change	Criterion ii, iv. Military installations Civilian settlements Remains of the Roman military presence Extensive relict landscapes	Facilitate research into climate change impacts and management techniques. Collect and analyse climatic data to determine trends	Collect climate data and monitor impacts.	Ongoing	Hadrian's Wall Partnership, Antonine Wall Partnership Members of the German Limes Commission	Best practise and data will be shared across the partnerships
4.11	Sudden ecological or geological events						

4.11.5	Erosion and siltation/Deposition	Criterion ii, iv. Military installations Civilian settlements Remains of the Roman military presence Extensive relict landscapes	Identify areas of risk and formulate appropriate mitigation	Monitoring through site visits & research	Ongoing	Hadrian's Wall Partnership Antonine Wall Partnership Rhineland-Palatinate General Directorate for Cultural Heritage, Landesamt für Denkmalpflege Hessen, Landesamt für Denkmalpflege Baden-Württemberg, Bavarian State Office for Monument Protection	Very limited impact
4.13	<b>Management and institutional factors</b>						
4.13.3	Governance	Criterion ii, iii, iv. Artificial boundaries Military installations Civilian settlements Remains of the Roman military presence Extensive relict landscapes	Advocacy for suitable resourcing of World Heritage Sites by state bodies	Via respective boards, steering groups	Ongoing on a regular basis Bi-monthly, quarterly, and bi-annually, by governance bodies	Hadrian's Wall Partnership World Heritage UK National Commission for UNESCO Antonine Wall Partnership Members of the German Limes Commission UNESCO Welterbestätten Deutschland e.V.	The collective working of all the agencies, to improve advocacy for World Heritage Sites, at governmental levels
4.13.5	Financial resources	Criterion ii, iii, iv. Artificial boundaries Military installations Civilian settlements Remains of the Roman military presence Extensive relict landscapes	Advocacy for suitable financial resourcing of World Heritage Sites by state bodies	Via respective boards, steering groups	Ongoing on a regular basis Bi-monthly, quarterly, and bi-annually, by governance bodies	Hadrian's Wall Partnership World Heritage UK National Commission for UNESCO Antonine Wall Partnership Members of the German Limes Commission UNESCO Welterbestätten Deutschland e.V.	The collective working of all the agencies, to improve advocacy and financial resourcing for World Heritage Sites, at governmental levels
4.13.6	Human resources	Criterion ii, iii, iv. Artificial boundaries Military installations Civilian settlements Remains of the Roman military presence Extensive relict landscapes	Advocacy for suitable human resourcing of World Heritage Sites by state bodies and exploration of external funding	Via respective boards, steering groups and governing bodies	Ongoing on a regular basis	Hadrian's Wall Partnership Antonine Wall Partnership Members of the German Limes Commission	Human resources are fundamental to managing the FRE effectively

Summary - Factors affecting the Property **completed**

## 12.2. Summary - Management Needs

### 12.2.1 - Summary - Management Needs

5.1	Boundaries and Buffer Zones				
5.1.4	The buffer zones of the World Heritage property <b>are known and recognised by the management authority but are not known and recognized by local communities/landowners</b>	Ongoing projects and activities are used to inform communities and landowners about the WHS and buffer zones	Ongoing	Hadrian's Wall Partnership Antonine Wall Partnership Rhineland-Palatinate General Directorate for Cultural Heritage, Landesamt für Denkmalpflege Hessen, Landesamt für Denkmalpflege Baden-Württemberg, Bavarian State Office for Monument Protection	This is an important part of the management of the WHS
5.3	Management System/Management Plan				
5.3.7	<b>Some use</b> has been made of the Policy Document on the Impacts of Climate Change on World Heritage Properties at the property	Continued research and acting on recommendations Learning of best practice from partners across the FRE	Ongoing	Hadrian's Wall Partnership Antonine Wall Partnership Rhineland-Palatinate General Directorate for Cultural Heritage, Landesamt für Denkmalpflege Hessen, Landesamt für Denkmalpflege Baden-Württemberg, Bavarian State Office for Monument Protection	We are working in collaboration with other partners e.g. universities, EU research projects
5.3.9	<b>Some use</b> has been made of the Strategy for Reducing Risks from Disasters at World Heritage Properties at the property	Continued research and acting on recommendations Learning of best practice from partners across the FRE	Ongoing	Hadrian's Wall Partnership Antonine Wall Partnership Rhineland-Palatinate General Directorate for Cultural Heritage, Landesamt für Denkmalpflege Hessen, Landesamt für Denkmalpflege Baden-Württemberg, Bavarian State Office for Monument Protection	We are working in collaboration with other partners e.g. universities, EU research projects, emergency services

5.3.11	There is <b>coordination</b> between the range of administrative bodies involved in the management of the property, <b>but it could be improved</b>	Widen and enhance the connections between FRE Partners at State, Federal, Regional and Local levels. Enhancement and constant development of coordination systems and structure to reflect the changing challenges and opportunities	ongoing	Hadrian's Wall Partnership Antonine Wall Partnership Members of the German Limes Commission	This is a constant development and learning process with the FRE as challenges and opportunities arise
6.1	<b>Funding</b>				
6.1.7	Human resources <b>partly meet</b> the management needs of the World Heritage property	Advocacy for suitable human resourcing of World Heritage Sites by state bodies and exploration of external funding	Ongoing	Hadrian's Wall Partnership Antonine Wall Partnership Members of the German Limes Commission	An ongoing challenge for all agencies across the FRE Human resources are fundamental to managing the FRE effectively and for raising awareness of the needs of the WHS
8	<b>Education, Information and Awareness Building</b>				
8.2	There is a <b>limited and ad hoc education</b> and awareness programme for children and/or youth	Project development at both formal and informal level, locally, nationally and across the FRE Development and trailing of Youth engagement projects seek resources to develop educational support materials	2023 - 2027	Hadrian's Wall Partnership Antonine Wall Partnership Members of the German Limes Commission	This is a central principle of WHS activity and we will continue to deepen and widen enjoyment and engagement in the WHS.
9	<b>Visitor Management</b>				
9.7	There is a <b>strategy</b> to manage visitors, tourism activity and its derived impacts on the World Heritage property but there are <b>some deficiencies in implementation</b>	Positive tourism management strategies Improved visitor infrastructure Learning best practises from partners	Ongoing	Hadrian's Wall Partnership Antonine Wall Partnership Members of the German Limes Commission	Human and financial resources are fundamental to implement this activity most effectively
9.9	Visitor use of the World Heritage property is managed but <b>improvements could be made</b>	Sharing best practice across the Partners Monitoring visitor trends and impacts project development to enhance sustainable tourism resource.	ongoing	Hadrian's Wall Partnership Antonine Wall Partnership Rhineland-Palatinate General Directorate for Cultural Heritage, Landesamt für Denkmalpflege Hessen, Landesamt für Denkmalpflege Baden-Württemberg, Bavarian State Office for Monument Protection	The FRE has a number of key visitor nodes from which pest practice is shared.
9.12	The presentation and interpretation of the Outstanding Universal Value of the property <b>is acceptable but improvements could be made</b>	Improved visitor infrastructure with better signage for the WHS and WH focussed interpretive outputs Development of Interpretation Frameworks	Ongoing	Hadrian's Wall Partnership Antonine Wall Partnership Rhineland-Palatinate General Directorate for Cultural Heritage, Landesamt für Denkmalpflege Hessen, Landesamt für Denkmalpflege Baden-Württemberg, Bavarian State Office for Monument Protection	UK to learn good practise from German colleagues
10	<b>Monitoring</b>				
10.1	There is a <b>small amount of monitoring</b> at the World Heritage property, but it is not planned	Audit of current information sources to benchmark Support development of research related to monitoring	Ongoing	HW & AW Partnerships Rhineland-Palatinate General Directorate for Cultural Heritage, Landesamt für Denkmalpflege Hessen, Landesamt für Denkmalpflege Baden-Württemberg, Bavarian State Office for Monument Protection, Limes Cicerones	Reliant on enhanced resources

Summary - Management Needs completed

## 12.3. Conclusions on the State of Conservation of the Property

### 12.3.1 - Following the analysis undertaken for this report, what is the current state of Authenticity of the World Heritage property?

The Authenticity of the World Heritage property **has been preserved**

### 12.3.2 - Following the analysis undertaken for this report, what is the current state of Integrity of the World Heritage property?

The Integrity of the World Heritage property is **intact**

### 12.3.3 - Following the analysis undertaken for this report, what is the current state of the World Heritage property's Outstanding Universal Value?

The World Heritage property's Outstanding Universal Value has been **maintained**.

### 12.3.4 - What is the current state of the property's other values?

Other important cultural and/or natural values and the state of conservation of the World Heritage property are **intact**

### 12.3.5 - Comments, conclusions and/or recommendations related to the state of conservation of the property.

## 13. Impact of World Heritage Status

### 13.1 - Please rate the impacts of World Heritage status of the property in relation to the following areas

Conservation	Very positive
Research and monitoring	Positive
Management effectiveness	Very positive
Quality of life for local communities and indigenous peoples	Positive
Recognition	Positive
Education	Positive
Infrastructure development	Positive
Funding for the property	Very positive
International cooperation	Very positive
Political support for conservation	Very positive
Legal/Policy framework	Positive
Advocacy	Positive
Institutional coordination	Very positive
Security	Not applicable
Gender equality	Not applicable
Provision of ecosystem services/ benefits to local communities	No impact
Social inclusion and equity, and improvement of opportunities for all, irrespective of age, sex, disability, ethnicity, origin, religion, or economic or other status	No impact
Fostering inclusive local economic development and enhancing livelihood	No impact
Contributing to conflict prevention, including respect for cultural diversity within and around heritage properties	Not applicable
Other	Not applicable
If 'Other', please specify	

### 13.2 - Comments, conclusions and/or recommendations related to World Heritage status and its impacts

## 14. Good Practice in the Implementation of the World Heritage Convention

### 14.1 - Example of good practice in World Heritage protection, identification, conservation or management at the property level

Formation of a special purpose association of three municipalities at Ruffenhofen Antonine Wall - Award winning Community engagement project taking a collaborative/participant led approach to delivering activity along the Wall - The Rediscovering the Antonine Wall. Climate Vulnerability Index research on the Antonine Wall establishing the potential impact of climate change on the Wall over the next 50 years.

### 14.2 - Define which topics are covered by this example of best practice at the property level

Sustainable Development
Synergies
State of Conservation
Management
Governance
Capacity Building

## 15. Assessment of the Periodic Reporting Exercise

### 15.1. Relevance of Periodic Reporting

#### 15.1.1 - Has the Periodic Reporting process improved the understanding of the following?

Management effectiveness to maintain the Outstanding Universal Value

Monitoring and reporting

#### 15.1.2 - Please rate the follow-up to conclusions and recommendations from previous Periodic Reporting exercise by the following entities

State Party	Fair
Site Managers	Good
UNESCO World Heritage Centre	Not needed
Advisory Bodies (ICOMOS, IUCN, ICCROM)	Not needed

### 15.2. Use of Data

#### 15.2.1 - How do the authorities in charge of the property plan to use the data recorded from this cycle of Periodic Reporting?

Revision of priorities/strategies/policies for the protection, management and conservation of heritage

Update of management plans

#### 15.2.2 - Comments on use of data from the Cycle of Periodic Reporting

### 15.3. Timing and resources

#### 15.3.1 - Entities involved in the filling out of this online questionnaire (tick as many boxes as applicable)

Governmental institutions responsible for cultural and natural heritage

Site Manager/Coordinator World Heritage property staff

Focal points of other international conventions/programmes

Non-Governmental Organizations

#### 15.3.2 - Has a gender balanced contribution and participation been considered in the filling out of this questionnaire?

Gender balance **is explicitly considered and effectively implemented** in the process.

#### 15.3.3 - Were you given adequate time (i.e. roughly ten months) to gather necessary information and to fill in this questionnaire?

Yes

#### 15.3.4 - Please estimate the time (working hours) needed to complete this questionnaire

130 / 0 / 130 /

#### 15.3.5 - Did you mobilise any additional resources to fill out this questionnaire?

	Additional resources	No	Yes
15.3.5.1	Human resources	✗	
15.3.5.2	Financial resources for organizing consultation meetings/ training		✗

### 15.4. Format and content of the Periodic Report

#### 15.4.1 - How accessible was the information required to complete this questionnaire?

**Most** required information was accessible.

#### 15.4.2 - Was the questionnaire easy to use and clear to understand?

		Very Difficult	Difficult	Easy	Very easy
15.4.2.1	Ease of use of questionnaire		✗		
15.4.2.2	Clarity of questions		✗		

#### 15.4.3 - Please provide suggestions for improvement of the Periodic Reporting questionnaire

Questionnaire could be better tailored for transnational serial archaeological World Heritage Sites.

### 15.5. Training and Guidance

#### 15.5.1 - Please rate the level of support in terms of training and guidance from the following entities in completing this questionnaire

UNESCO World Heritage Centre	Fair
UNESCO (other sectors/field offices)	Not applicable
UNESCO National Commission	Not applicable
ICOMOS International	Not applicable
IUCN International	Not applicable
ICCROM international/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	Not applicable

**15.5.2 - Please rate the level of support for completing the Periodic Reporting questionnaire from the following entities**

UNESCO World Heritage Centre	Fair
State Party Representative (national Focal Point)	Fair
UNESCO other sectors (e.g. field office)	Not applicable
National Commission for UNESCO	Not applicable
ICOMOS International	Not applicable
ICCROM International/regional	Not applicable
ICOMOS national/regional	Not applicable
IUCN national/regional	Not applicable
IUCN International	Not applicable

**15.5.3 - Were the online training resources prepared by the World Heritage Centre regarding Periodic Reporting adequate for you to complete this questionnaire?**

Yes

**15.5.4 - If you found that the online training resources were not adequate, what changes would you like to see implemented?**

15.6. Actions that will require formal consideration by the World Heritage Committee

**15.6.1 - Summary of actions that will require formal consideration by the World Heritage Committee**

• **Statement of Outstanding Universal Value for the property as adopted by the World Heritage Committee**

Reason for update: There are a number of factual updates to the Statement of Outstanding Universal Value that can be provided separately.

Changes to these items will need to go through the proper processes.

15.7. Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise

**15.7.1 - Comments, conclusions and/or recommendations related to the Assessment of the Periodic Reporting Exercise**

**15.7.2 - Thank you for having filled in all the questions. Please contact your National Focal Point for validation.**