

## APPENDIX 7.5 PHASE 1 HABITAT SURVEY TARGET NOTES

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## APPENDIX 7.5 EXTENDED PHASE 1 HABITAT SURVEY TARGET NOTES

**Table 1 Habitats & Protected Species Activity Recorded along the Route of the Proposed Development**

Pole	Phase 1 Habitat Type	Protected Species Activity
UGC	<b>Bare ground with improved grassland</b> UGC placed within the public road network from Strabane main sub-station to terminal pole 2001 at Holly Hill via Berry Hill Road, Woodend Road, Rock Road, Ballee Road and Holly Hill Road. Tarmacadam road surface. From Holly Hill Road to terminal pole 2001 habitat is improved grassland. Adjacent boundary described below. No hedgerow impact.	None
2001	<b>Improved grassland</b> Double ditch (one wet with running water; the other an unmapped dry ditch) either side of earth ban Post & wire fences. Bank supports scattered gorse <i>Ulex europaeus</i> scrub (unmapped). The bank is species poor grassland supporting common herbs and grasses such as Yorkshire fog <i>Holcus lanatus</i> and common sorrel <i>Rumex acetosa</i> . Running water: it may have year round flow. It has a clean substrate akin to good water quality. The channel is particularly deep and shaded.	None
2002	<b>Improved grassland</b> Post & wire fence separating improved grassland enclosures.	None
2003	<b>Improved grassland</b> Intact species poor (gorse) hedge on a shallow earth bank and dry ditch.	None
2004	<b>Improved grassland</b> Defunct species poor hawthorn <i>Crataegus monogyna</i> hedge.	None
2005	<b>Improved grassland</b> Intact species poor immature hawthorn hedge and drain with running water.	None
2006	<b>Improved grassland / poor semi-improved neutral grassland</b> An earth bank with (unmapped) ditches (shallow standing water) on each side. Scattered gorse scrub with a small lone rowan tree <i>Sorbus aucuparia</i> . Bank with better diversity; tormentil <i>Potentilla erecta</i> and heath bedstraw <i>Galium saxatile</i> . Ditches are shallow with soft rush & sweet grass <i>Glyceria</i> sp. Unlikely to retain water year-round. Poor semi-improved neutral grassland dominant species: soft rush <i>Juncus effusus</i> , Yorkshire fog <i>Holcus lanatus</i> , springy turf-moss <i>Rhytidiadelphus squarrosus</i> and pointed spear-moss <i>Calliergonella cuspidata</i> . Not a NIPH grassland.	None
2007	<b>Poor semi-improved neutral grassland / improved grassland</b> Drain with running water and earth bank with species poor defunct gorse hedge with individual low growing holly <i>Ilex aquifolium</i> and rowan.	None
2008	<b>Improved grassland</b> Post & wire fence with (unmapped) scattered gorse scrub along boundary.	None
2009	<b>Improved grassland</b> Defunct species poor hedge with trees. Approx. 15m gap with no trees where pole is located. Post & wire fence.	None
2010	<b>Improved grassland</b> Narrow band of marshy grassland with soft rush <i>Juncus effusus</i> , Yorkshire fog, and creeping bent <i>Agrostis stolonifera</i> community along natural meandering stream. Wider field improved grassland. Two defunct species poor hedgerows with trees immediately east require coppicing; willows <i>Salix</i> spp. and alder <i>Alnus glutinosa</i> . The adjacent Fowl Glen Burn (5.5m from pole) is consistent with the NIPH Rivers and streams.	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2011	<b>Improved grassland</b> Defunct species poor hedge with trees supporting gorse, holly, hawthorn, bramble <i>Rubus fruticosus</i> agg. and honeysuckle <i>Lonicera periclymenum</i> .	None
2012	<b>Improved grassland / semi-natural broadleaved woodland</b> Edge of linear woodland occupying a ravine with an alder, ash <i>Fraxinus excelsior</i> , rowan and willow. Hawthorn on upper bank. Flowering herbs; wood sorrel <i>Oxalis acetosella</i> , red campion <i>Silene dioica</i> , Herb Robert <i>Geranium robertianum</i> , Herb Bennet <i>Geum urbanum</i> , marsh ragwort <i>Senecio aquaticus</i> , common nettle <i>Urtica dioica</i> , bramble and ferns. Not a NIPH being <0.5 ha. Scattered individual Himalayan balsam <i>Impatiens glandulifera</i> . Cattle accessing ravine creating bare soil potentially exacerbating spread.	Two alder trees and one wych elm with ivy with <b>low</b> bat roost potential (BRP).
2013	<b>Improved grassland / semi-natural broadleaved woodland</b> Opposing side of woodland described above.	Three mature ash trees with <b>low</b> BRP. All with thick ivy cover.
2014	<b>Improved grassland with intact species rich hedgerow (1)</b> Intact species rich hedge with earth bank and dry ditch supporting gorse, blackthorn <i>Prunus spinosa</i> , hawthorn, raspberry <i>Rubus idaeus</i> and bramble. Bank supporting foxglove <i>Digitalis purpurea</i> and ferns. Pole 2014 is beside hedge.	None
2015	<b>Improved grassland / poor semi-improved neutral grassland</b> Defunct species poor hedge with trees and post & wire fence. More resembling a tree line comprising alder, common birch <i>Betula pubescens</i> and rowan. Poor semi-improved neutral grassland: Yorkshire fog, soft rush, creeping bent <i>Agrostis stolonifera</i> and buttercups <i>Ranunculus</i> spp. Enhanced locally by greater birdsfoot trefoil <i>Lotus pedunculatus</i> . Not a NIPH grassland.	Four birch trees of a sufficient size/age to contain PRFs - none seen from the ground. Each has <b>low</b> BRP. Two with thick ivy.
2016	<b>Poor semi-improved neutral grassland / improved grassland / semi-natural broadleaved woodland</b> Pole located where a defunct species poor hedge with trees (resembling a tree line; largely common birch) and grazed wet woodland. This woodland is consistent with the NIPH Wet Woodland. The canopy is largely common birch. It appears to have evolved relatively recently over an open marshy grassland - peatland community. Ground flora includes purple moor-grass <i>Molinia caerulea</i> , flat topped bog-moss <i>Sphagnum fallax</i> , blunt-leaved bog-moss <i>Sphagnum palustre</i> and common haircap <i>Polytrichum commune</i> . Other bryophytes include neat feather moss <i>Pseudoscleropodium purum</i> and red-stemmed feather-moss <i>Pleurozium schreberi</i> .	One birch tree of a sufficient size/age to contain PRFs - none seen from the ground. It has <b>low</b> BRP.
2017	<b>Improved grassland</b> A post & wire fence dividing improved grassland fields.	None
2018	<b>Improved grassland</b> Improved grassland only.	None
2019	<b>Improved grassland</b> Pole located below the road verge on the post & wire fenced field boundary.	None
2020	<b>Wet modified bog</b> Locally the shrub component comprises frequent cross-leaved heath <i>Erica tetralix</i> and occasional bilberry <i>Vaccinium myrtillus</i> . Grass, sedge and rush comprises frequent wavy hair-grass <i>Deschampsia flexuosa</i> , haretail cotton grass <i>Eriophorum vaginatum</i> with occasional velvet bent <i>Agrostis canina</i> , common cotton grass <i>Eriophorum angustifolium</i> and heath wood-rush <i>Luzula multiflora</i> . Peat depth circa 70cm. Scattered tormentil <i>Potentilla erecta</i> . Bryophytes comprise frequent common haircap, neat feather moss and red-stemmed feather-moss <i>Pleurozium schreberi</i> . Sphagnum cover is circa 30% the most of which is flat topped bog-moss, with occasional acute leaved red bog moss <i>Sphagnum capillifolium</i> . Gorse <i>Ulex europaeus</i> , common birch <i>Betula pubescens</i> and willows <i>Salix</i> spp. are encroaching. The pole is adjacent to an unmanaged willow <i>Salix</i> spp. intact hedge.	None
2021	<b>Wet modified bog</b> Similar community to 2020 with additional species namely springy turf-moss <i>Rhytidiadelphus squarrosus</i> and blunt-leaved bog-moss <i>Sphagnum palustre</i> . Sphagnum cover circa 35%. Peat depth circa 90cm.	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2022	<p><b>Wet modified bog</b>  Dryer with abundant ling heather <i>Calluna vulgaris</i> with cross leaved heath and bilberry. Frequent harestail cotton grass with wavy hair-grass, heath wood-rush and sweet vernal grass <i>Anthoxanthum odoratum</i>. Frequent bryophytes are common haircap and blunt-leaved bog-moss <i>Sphagnum palustre</i>.  A low earth bank adjacent separates the bog from adjoining improved grassland supporting common bent <i>Agrostis capillaris</i>, heath bedstraw <i>Galium saxatile</i> and sweet vernal grass. Two small willows present.</p>	None
2023	<p><b>Improved grassland</b>  Pole sett adjacent to an unmanaged defunct species poor hawthorn hedge (on both side of disused laneway). Local ground flora: soft rush, common nettle, white clover <i>Trifolium repens</i> and broadleaved dock <i>Rumex obtusifolius</i>.</p>	None
2024	<p><b>Mosaic habitat</b>  An unmanaged enclosure with patches of wet dwarf shrub heath, marshy grassland, tall ruderal with scattered scrub and trees. Pole in grassy tall ruderal on edge of drain with running water. Recently re-fenced.</p>	None
2025	<p><b>Improved grassland</b>  A dry ditch with a species poor defunct managed gorse hedge and ground flora.  Wet dwarf shrub heath occurs between poles 2025 and 2026. Ling is dominant with intermittent harestail cotton grass and common cotton grasses. High abundances of acute leaved red bog moss and papillose bog moss <i>Sphagnum papillosum</i>. This habitat has an undamaged appearance.</p>	None
2026	<p><b>Earth bank</b>  The bank (and accompanying deep drain) supports stunted willow and rowan over bilberry, ling and purple moor-grass.</p>	None
2027	<p><b>Improved grassland</b>  Improved grassland adjacent to a marshy grassland – valley mire variant. An acid/neutral flush occurring locally.</p>	Irish hare south of Pole 2027
2028	<p><b>Wet modified bog</b>  A relatively dry acid flush community with frequent purple moor-grass, soft rush, and abundant papillose bog moss. Low abundances of harestail cotton grass, ling and tormentil. Ling and purple moor-grass are dominant over the wider bog to pole 2029. Peat depth &gt;50cm. Dry underfoot with low sphagnum cover.</p>	None
2029	<p><b>Wet modified bog</b>  Local, relatively dry acid flush community by post and wire fence. Flat topped bog-moss and common haircap are dominant. Also present in lower abundances are harestail cotton grass, tufted hair-grass <i>Deschampsia cespitosa</i>, purple moor-grass, soft rush, sweet vernal grass and tormentil.</p>	None
2030	<p><b>Poor semi-improved neutral grassland with a defunct species poor hedge with trees</b>  Defunct hedge dominant unmanaged gorse with intermittent rowan and bramble. Associated earth bank and dry ditch with patches of grasses, purple moor-grass, tormentil and fern. Wider field to Silverhill Road is poor semi-improved neutral grassland – marshy grassland variant. Positive indicator <i>Purple moor-grass and rush pasture</i> and <i>Lowland meadow</i> species recorded are meadow vetchling <i>Lathyrus pratensis</i>, greater birdsfoot trefoil, common bent <i>Agrostis capillaris</i>, sweet vernal grass <i>Anthoxanthum odoratum</i>. Non indicator species: star sedge <i>Carex echinata</i>, oval sedge <i>C. ovalis</i>, Autumn hawkbit <i>Leontodon autumnalis</i>, self-heal <i>Prunella vulgaris</i>. Marred negative indicator species: marsh thistle <i>Cirsium palustre</i>, marsh ragwort <i>Senecio aquaticus</i>, high abundances of white clover <i>Trifolium repens</i> &amp; creeping buttercup <i>R. repens</i>. Non NIPH grassland in current condition.</p>	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2031	<p><b>Mosaic</b> Defunct species poor hedge with trees. Gorse is dominant with intermittent rowan and a lone willow. Associated earth bank and ditch. Between poles 2030 and 2031. Pole 2031 originally on opposite side of hedge adjacent to a devil's-bit scabious <i>Succisa pratensis</i> community supporting frequent devil's-bit scabious and acid flush species: common haircap, blunt-leaved bog-moss with soft and sharp flowered <i>Juncus acutiflorus</i> and/or jointed rush <i>Juncus articulatus</i> rush. Purple moor-grass and rush pasture positive indicator species present: tormentil, greater birdsfoot trefoil and grazed <i>Carex</i> spp. possibly glaucous sedge <i>Carex flacca</i> and/or carnation sedge <i>Carex panacea</i>. Cross-leaved heath is occasional. This habitat resembles Purple Moor-grass &amp; Rush Pasture (mapped as marshy grassland).</p>	Habitat with potential for marsh fritillary butterfly. Marsh fritillary larval web survey undertaken on the 01 Oct. 2019 (Appendix I)
2032	<p><b>Defunct species poor hedge with adjacent mosaic and valley mire</b> At 2032 is a defunct species poor gappy hedge and earth bank supporting small willow and gorse. Lower growing species are bilberry, bramble, grasses, tormentil and heath bedstraw. Associated dry ditch. High abundances of flat topped bog-moss blunt-leaved bog-moss and common haircap interspersed with harestail cotton grass, sharp-flowered rush <i>Juncus acutiflorus</i> or jointed rush <i>Juncus articulatus</i> and ling. Devil's-bit scabious <i>Succisa pratensis</i> is frequent with breeding marsh fritillary <i>Euphydryas aurinia</i> potential. Wider 'mosaic' habitat is a degraded wet dwarf shrub heath – valley mire variant with scattered broadleaved trees and shrubs: rowan, willows, gorse as well as heath species – ling and bilberry. Pockets of uncontrolled soft rush and bryophyte mounds, typically common haircap. Cattle grazing. The valley mire becomes wetter down slope of 2032.</p>	Habitat with potential for marsh fritillary. Marsh fritillary larval web survey undertaken on the 01 Oct. 2019 (Appendix I)
2033	<p><b>Improved grassland</b> A post &amp; wire fence with species poor marshy grassland and improved grassland. High abundances of soft rush and white clover in a species poor grassy sward. Sheep grazing in the wider improved grassland.</p>	None
2034	<p><b>Improved grassland</b> Similar community to 2033 above: post &amp; wire fence with common herbs and grasses. Inside fence is a valley mire complex with alternating areas of dry poor semi-improved grassland and wet marshy grassland and sphagnum rich fen communities. The complex mapped as valley mire.</p>	None
2035	<p><b>Improved grassland</b> A post &amp; wire fence with linear (unmapped) species poor marshy grassland along fence: abundant soft rush and springy turf moss.</p>	None
2036	<p><b>Improved grassland / valley mire</b> A post &amp; wire fence separating improved grassland and a linear enclosure supporting high abundances of blunt-leaved bog-moss, common haircap <i>Polytrichum commune</i>, flat topped bog-moss, bog bead-moss, glittering wood-moss and soft rush tussocks.</p>	None
2036A	<p><b>Improved grassland with running water</b> Field adjacent to stream (Owenreagh Burn) resembling improved grassland. Beyond fence stream sides heavily grazed, common nettle and thistles <i>Cirsium</i> spp. occur. Stream banksides undermined by flooding. Pole 7m from stream. The adjacent Owenreagh Burn (7m from pole) is consistent with the NIPH <i>Rivers and Streams</i>.</p>	None
2037	<p><b>Improved grassland with running water</b> Species poor improved grassland grazed by sheep. Japanese Knotweed <i>Fallopia japonica</i> 30m north of H-pole 2037 along bank. Thickets confined between high embankment and watercourse far removed from construction activities. The adjacent Glenawanda Burn (2m from H-pole 2037) is consistent with the NIPH <i>Rivers and Streams</i>. Landowner insisting pole be located immediately adjacent the stream.</p>	None
2038	<p><b>Improved grassland</b> Post and wire fence with improved grassland.</p>	None
2039	<p><b>Improved grassland</b> Defunct species poor hedge and post &amp; wire fence just below the roadside. Hedgerow is gorse only and tightly managed.</p>	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2041	<b>Improved grassland</b> Pole next to defunct species poor hedge with trees. Hedge almost entirely gorse with intermittent rowan trees.	None
2042	<b>Wet modified bog</b> Ling, cross-leaved heath, harestail cotton grass, deergrass <i>Trichophorum germanicum</i> community with circa 30% sphagnum cover: papillose bog moss, acute leaved red bog moss and feathery bog-moss <i>Sphagnum cuspidatum</i> . Peat depth >50cm. Relatively firm underfoot. Other species present in lower abundances are heath plait-moss <i>Hypnum jutlandicum</i> , heath rush <i>Juncus squarrosus</i> and purple moor-grass. In the wider area feathery bog-moss is frequent. Papillose bog moss can be locally frequent	None
2043	<b>Wet modified bog</b> As with 2042 a ling, cross-leaved heath, harestail cotton grass, deergrass community. Peat depth circa 70cm with sphagnum cover circa 45%.	None
2044	<b>Wet modified bog</b> A ling, cross-leaved heath, harestail cotton grass, deergrass community continued. Peat depths circa 65cm with sphagnum cover circa 45%. Pockets of bare peat with <i>Campylopus</i> spp. becoming more apparent travelling upslope indicative of past stocking pressures. Also, increased abundances of heath rush.	None
2045	<b>Wet modified bog</b> A continuation of a ling, cross-leaved heath, harestail cotton grass, deergrass community but in poorer ecological condition due to grazing pressures. Peat depths circa 45-50cm. Uneven ground (old turbarry) becoming more apparent. Decreasing sphagnum cover. Heath plait-moss and acute leaved red bog moss prominent.	None
2046	<b>Acid flush</b> An acid flush with high abundances of springy turf-moss, blunt-leaved bog-moss and common haircap with soft rush and sharp-flowered rush. The habitat is relatively firm underfoot. Flowering herbs include marsh violet <i>Viola palustris</i> and devil's-bit scabious. Routine rush control takes place here locally coupled sheep grazing across the land parcel. As such this habitat is unsuitable breeding marsh fritillary habitat. East of this community is some dry dwarf shrub heath and acid grassland presented as a dryer 'mosaic' habitat in the corner of this land parcel.	None
2049	A post and wire fence with <b>improved grassland</b> This is an improved grassland community of little botanical interest immediately adjacent to wet modified bog.	None
2050	<b>Wet modified bog</b> Abandoned turbarry with a harestail cotton grass and ling community. Low sphagnum cover on this higher bank. Sphagnum mosses are confined to lower tier cutover and gullies. Firm underfoot. Peat depth > 50cm. The habitat has an undergrazed appearance with uncontrolled ling cover.	None
2051	<b>Wet dwarf shrub heath</b> Ascending upslope into intact wet and dry heath. Abundant or locally dominant ling with decreasing sphagnum cover. Increasing cover of other bryophytes including springy turf moss, little shaggy-moss <i>Rhytidiadelphus loreus</i> , glittering wood-moss <i>Hylocomium splendens</i> , common haircap and frequent acute leaved red bog moss. Peat depths are variable across this higher ground. Wet dwarf shrub heath is considered the more dominant habitat and is mapped as such.	None
2052	Localised <b>dry dwarf shrub heath</b> Frequent ling with occasion bilberry with abundant little shaggy-moss, glittering wood-moss and springy turf moss cover. Loosely occurring soft rush and harestail cotton grass. Sphagnum species are absent.	None
2053	<b>Wet dwarf shrub heath</b> A ling and harestail cotton grass community with intermittent acute leaved red bog moss. Flat topped bog-moss confined to hollows and tears. Occasional purple-moor grass. Variable peat depths 20-50cm. Relatively firm, uneven ground.	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2054	<b>Wet dwarf shrub heath</b> As with 2053 a ling and harestail cotton grass community though with higher abundances of acute leaved red bog moss with blunt-leaved bog-moss. A flatter area with deeper blanket peat circa 1m. Post and wire fence adjacent.	None
2055	<b>Improved grassland</b> Post & wire fence separating improved grassland / poor semi-improved grassland enclosures. Mapped as improved grassland.	None
2056	<b>Improved grassland</b> Post & wire fence separating improved grassland / poor semi-improved grassland enclosures.	None
2057	<b>Improved grassland</b> Post & wire fence separating improved grassland / poor semi-improved grassland enclosures.	None
2058	<b>Poor semi-improved grassland</b> Post & wire fence, poor semi-improved grassland - soft rush, springy turf-moss community.	None
2059	<b>Poor semi-improved grassland</b> A species poor soft rush, Yorkshire fog, springy turf-moss community. An abandoned gravel pit adjacent.	None
2060	<b>Poor semi-improved grassland</b> A species poor soft rush, Yorkshire fog, springy turf-moss community with a post & wire fence.	None
2061	<b>Poor semi-improved grassland</b> As with 2060. A species poor soft rush, Yorkshire fog, springy turf-moss community with a post & wire fence. A wet dwarf shrub heath – marshy grassland mosaic downslope.	None
2062	<b>Wet modified bog</b> A ling and harestail cotton grass community just inside a post and wire fence adjacent. Dry underfoot. Peat depth circa 55cm. Post & wire fence adjacent. Evidence of historical peat cutting.	None
2063	<b>Wet modified bog</b> A ling, harestail cotton grass, bilberry community, cross leaved heath community with occasional acute leaved red bog moss. Relatively dry underfoot. Peat depth circa 60cm. Evidence throughout of historical peat cutting.	None
2063	<b>Wet modified bog</b> A ling, harestail cotton grass, bilberry, cross-leaved heath community with abundant acute leaved red bog moss (circa 60%). Also present are frequent heath plait-moss and little shaggy-moss. Common cotton grass and hard fern <i>Blechnum spicant</i> are occasional. Remaining relatively firm and dry underfoot. Peat depth circa 60cm. Evidence throughout of historical peat cutting including evidence of old burning event.	None
2065	<b>Wet dwarf shrub heath</b> Pole presently in purple moor grass and blunt-leaved bog-moss channel leading down to a water course. Adjacent ling is dominant with frequent bilberry. This area and wider habitat appears to have evaded peat cutting. Acute leaved red bog moss is the only prominent sphagnum moss. There are high abundances of heath plait-moss. Rowan and willows are establishing. Dry underfoot. Peat depth circa 50cm.	None
2066	<b>Wet dwarf shrub heath</b> Ling is dominant with frequent bilberry and harestail cotton grass. Locally high acute leaved red bog moss cover - circa 70%. Heath plait-moss is frequent. Peat depth circa 50cm.	None
2067	<b>Wet dwarf shrub heath</b> Ling is dominant with frequent bilberry, harestail cotton grass and cross-leaved heath. Little shaggy-moss and heath plait-moss are frequent. Low acute leaved red bog moss cover – circa 15%. Dry underfoot. Peat depth circa 55cm.	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2068	<b>Wet dwarf shrub heath - Wet modified bog</b> A post and wire fence and adjacent travelling southwest uphill cut into the bog. Ling, bilberry, harestail cotton grass and purple moor-grass are frequent. Sphagnum cover is circa 60% most of which is acute leaved red bog moss with little shaggy-moss and glittering wood-moss. Other species present are cross-leaved heath and tormentil. Reasonably firm underfoot. Peat depth circa 50cm. The lands east and south of this point appear to be extensively drained.	None
2069	<b>Wet modified bog</b> A ling, harestail cotton grass community. Recent burning. Locally abundant acute leaved red bog moss cover – dead, discoloured appearance due to burning. Bilberry and ling regrowth. Relatively firm underfoot. Peat depth circa 50cm.	None
2070	<b>Wet modified bog</b> A ling, bilberry, harestail cotton grass, wavy hair-grass community. Sphagnum mosses locally dominant (>70% cover) - acute red bog moss and flat topped bog-moss present. Other bryophytes are red-stemmed feather-moss <i>Pleurozium schreberi</i> and heath plait-moss. Frequent tormentil. Peat depth >50cm. Softer underfoot.	None
2071	<b>Wet modified bog</b> High abundances of bilberry, red-stemmed feather-moss and harestail cotton grass with frequent ling, cross-leaved heath, wavy hair-grass and common haircap. Sphagnum mosses (combined circa 30%) are frequent acute red bog moss and flat topped bog-moss present. Peat depth circa 55cm.	None
2072	<b>Wet modified bog</b> Peat depth circa 45-50cm. A ling, bilberry, harestail cotton grass, acute red bog moss community. Other bryophytes include red-stemmed feather-moss, little shaggy-moss and bog bead-moss <i>Aulacomnium palustre</i> . Purple moor-grass and wavy hair-grass are occasional.	None
2073	<b>Wet modified bog</b> A harestail cotton grass, ling, deergrass, acute red bog moss community with intermittent common cotton grass and cross-leaved heath. Localised bare peat bare peat from drain excavation. Extensive burning/ Sphagnum cover circa 70%, mostly acute red bog moss. Peat depth >50cm.	None
2074	<b>Wet modified bog</b> A ling, purple moor-grass, harestail cotton grass community above locally sphagnum rich community (cover >80%). Other minor component species are bilberry, cross-leaved heath, bog asphodel <i>Narthecium ossifragum</i> and tormentil. Sphagnum mosses comprise acute red bog moss, feathery bog-moss and papillose bog moss. Peat depth circa 45-50cm.	None
2075	<b>Wet modified bog</b> A dominant bryophyte community with frequent purple moor-grass, deergrass, ling, harestail cotton grass community. Sphagnum cover circa 70% with acute red bog moss and papillose bog moss. Peat depth circa 30cm. Other species include heath plait-moss, heath rush and tormentil. The pole is located at a post and wire fence.	None
2075 - A	<b>Wet modified bog</b> Semi improved acid grassland occurring locally. A grazed sward appearing to support bents <i>Agrostis</i> spp. and meadow grasses <i>Poa</i> spp. with intermittent tussocks of soft rush. Low flowering herb cover. Bryophytes include high abundances of springy turf-moss and glittering wood-moss. Wider habitat wet modified bog. The adjacent Legnavadder Burn (9.5m from pole) is consistent with the NIPH Rivers and Streams.	None
2076	<b>Wet modified bog</b> Dry upland flush community on cutover with a high abundances of soft rush, wavy-hair grass, haircap moss and flat topped bog-moss over very shallow peat. Other bryophytes present are red-stemmed feather-moss and little shaggy-moss. Heath bedstraw and tormentil are frequent.	None
2077	<b>Wet modified bog</b> A ling, harestail cotton grass, wavy hair-grass community with circa 30% sphagnum cover with acute red bog moss, flat topped bog-moss and feathery bog moss. Soft rush is patchily present.	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2078	<p><b>Wet modified bog</b>            Located in cutover on the edge of a large expanse of intact blanket bog. High abundances of common cotton grass and harestail cotton grass. Circa 60% sphagnum cover comprising acute red bog moss, papillose bog moss and feathery bog-moss. Peat depth &gt;50cm. Patches of ling and haircap moss occur with frequent cross-leaved heath. Wet - water gathering at the base of the high bog. The wider area is a ling,</p>	None
2079	<p><b>Blanket bog</b>            A low growing deergrass, bog asphodel, common cotton grass community with cross-leaved heath. Significantly reduced abundances of harestail cotton grass and ling. Bryophytes are <i>Racomitrium lanuginosum</i>, <i>Pleurozia purpurea</i> (a liverwort), lustrous bog-moss <i>Sphagnum subnitens</i>, and soft bog-moss <i>Sphagnum tenellum</i>. Other sphagnum mosses are acute red bog moss, papillose bog moss and feathery bog-moss. Round-leaved sundew <i>Drosera rotundifolia</i> present. This is a wet, and in all probability active peatland over deep peat. Pool-hummock topography is weakly apparent. Pools are shallow. Sphagnum cover is high throughout. Very soft underfoot. There is a post and wire fence approx. 4m east beyond which the habitat is being undermined by excess grazing. Bare peat and frequent dung occur. Six 4x4m quadrats in the vicinity of 2079 (Qs 3.1 – 3.6).</p>	None
2080	<p><b>Wet modified bog</b>            Pole set part in a linear cutover running east – west with a ling &amp; harestail cotton grass community with waved silk-moss <i>Plagiothecium undulatum</i>, heath plait-moss and little shaggy-moss.</p>	None
2081	<p><b>Wet modified bog</b>            On the high, uncut bog, drain alongside with a ling, harestail cotton grass community. Abundant little shaggy-moss, frequent acute leaved red bog-moss. Scattered carnation sedge <i>Carex panacea</i>. Firm underfoot. Peat depth &gt;50cm.</p>	None
2082	<p><b>Wet modified bog</b>            A ling, harestail cotton grass community with strong similarities to 2084 below. Relatively firm underfoot. Peat depth &gt;50cm. One 4x4m quadrat (Q2) recorded east of pole.</p>	None
2083	<p><b>Wet modified bog</b>            A ling, harestail cotton grass community with high bryophyte cover including red-stemmed feather-moss, little shaggy-moss, bog bead-moss, glittering wood-moss, common haircap moss and flat topped bog-moss. Acute leaved red bog-moss frequent, papillose bog-moss occasional. Peat depth &gt;50cm. Circa 30% sphagnum moss cover. Relatively firm underfoot.</p>	None
2084	<p><b>Wet modified bog</b>            A transitional community from grassland to bog. Lush bryophyte cover. Species occurring include glittering wood-moss, springy turf-moss, soft rush, heath rush, a wood-rush resembling heath wood-rush <i>Luzula multiflora</i> and sedge resembling <i>C. nigra</i>.</p>	None
2085	<p><b>Wet modified bog</b>            Ling, harestail cotton grass community. Circa 40% sphagnum moss cover with acute leaved red bog moss and lower abundances of papillose bog moss. Relatively firm underfoot. Peat depth &gt;50cm. Wetter, likely peat forming blanket bog and associated acid flush immediately south. One 4x4m quadrat (Q1) recorded in this wetter sphagnum rich community.</p>	None
2086	<p><b>Wet dwarf shrub heath – blanket bog variant</b>            Equal quantities of frequent ling, cross-leaved heath, bilberry, deergrass and purple moor-grass. Bryophytes include glittering wood-moss and little shaggy-moss. Sphagnum cover circa 60%, most of which is acute leaved red bog moss. Peat depth depths exceeding 100cm. Undamaged. Nearby deep gully flowing into a higher order stream flowing west – east. Very stable underfoot.</p>	None
2087	<p><b>Valley mire</b>            On top of a steep sloping bank at the extremities of a wider valley mire community. Wet dwarf shrub heath on slope down to watercourse. Relatively firm underfoot. Frequent cross-leaved heath, purple moor-grass, harestail cotton grass with heath rush. Also present waved silk-moss <i>Plagiothecium undulatum</i>. Sphagnum cover circa 90%: largely flat topped moss with intermittent acute red bog moss and. Peat depth &gt;50cm. Some bracken <i>Pteridium aquilinum</i> at the top of the bank.</p>	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2088	<b>Wet modified bog</b> Frequent harestail cotton grass, wavy-hair grass, tormentil with heath wood-rush, heath rush, purple moor-grass, common bent <i>Agrostis capillaris</i> and intermittent ling. Abundant bryophyte cover: frequent acute red bog moss, pointed spear-moss <i>Calliergonella cuspidata</i> and bog bead-moss with patches of sphagnum resembling papillose bog moss. Peat depth >50cm. Firm underfoot.	None
2089	<b>Wet modified bog</b> Ling, bilberry, harestail cotton grass, acute red bog moss community. Dry underfoot. Peat depth >50cm. Poles 2089 to 2116 occur within Owenreagh Hill Local Wildlife Site.	None
2090	<b>Wet modified bog</b> Circa 80% sphagnum cover including papillose bog moss. Also present harestail cotton grass, common cotton grass, wavy-hair grass and cross-leaved heath. Peat depth >50cm. Soft underfoot. Micro siting is feasible to move into ling, bilberry, harestail cotton grass, acute red bog moss community. Dry underfoot.	None
2090A	<b>Wet modified bog</b> Ling, bilberry, harestail cotton grass, acute red bog moss community. Dry underfoot. Peat depth >50cm. Recent intense burning. Scorched bare ground, sphagnum moss discoloured. Burning may be controlled deliberate.	Otter footprint along Legnahone Burn at Legalougha Bridge approximately 228m.
2090B	<b>Wet modified bog</b> Ling, bilberry, harestail cotton grass, acute red bog moss community. Other bryophytes include frequent heath plait-moss and little shaggy-moss and the lichen <i>Cladonia portentosa</i> . Sphagnum cover (acute red bog moss) circa 40%. Peat depth >50cm. Dry underfoot. Locally managed by flailing.	None
2091	<b>Wet modified bog</b> A ling, harestail cotton grass community. Very dry and firm underfoot. Peat depth >50cm. Acute red bog moss is the only sphagnum species. Circa 30% cover. Frequent bilberry.	None
2092	<b>Wet modified bog</b> Ass with 2091. A ling, bilberry, harestail cotton grass community. Very dry and firm underfoot. Peat depth >50cm. Acute red bog moss is the only sphagnum species. Circa 30% cover.	None
2093	<b>Wet modified bog</b> As with 2091/92. A ling, harestail cotton grass community. Relatively dry underfoot. Peat depth >50cm. Increased abundance of acute red bog moss (the only sphagnum species present). Circa 30% cover.	None
2094	<b>Wet modified bog</b> A ling, harestail cotton grass community on a drier turbary bank. Peat depth >50cm. Dry underfoot.	None
2095	<b>Wet modified bog</b> A ling, harestail cotton grass community. Relatively dry underfoot. Peat depth >50cm. Circa 30% sphagnum cover all of which is acute red bog moss.	None
2096	<b>Wet modified bog</b> As with 2095, a ling, harestail cotton grass community. Relatively dry underfoot. Peat depth >50cm. Circa 30% sphagnum cover all of which is acute red bog moss.	None
2097	<b>Wet modified bog</b> A ling, harestail cotton grass community. A slow flowing drain approx. 6m away supports aquatic sphagnum moss resembling lesser cow-horn bog moss <i>Sphagnum inundatum</i> . Stays nearer the drainage ditch. Frequent acute red bog moss. Circa 30%. Peat depth >50cm. Wet intact <b>Blanket bog</b> between pole set 2097 and pole 2098. Increased abundances of acute red bog moss. Papillose bog moss (absent in the preceding wet modified bog) is frequent. Significantly reduced abundances of ling and harestail cotton grass. High abundances of deergrass and common cotton grass. Cross-leaved heath is frequent. The flat, wet surface has patches of bare ground maybe a consequence of weathering and/or stock damage. <i>Campylopus</i> spp. were noted. It is very likely a peat forming community. Two 4x4m quadrats between 2097-2098 (Qs 7 & 8).	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2098	<p><b>Wet modified bog</b> Pole 2098 had previously been located in the wet blanket bog community. This is a dryer community and firm underfoot with increased abundances ling and harestail cotton grass.</p>	None
2099	<p><b>Wet modified bog</b> A ling, harestail cotton grass community on dryer peat adjacent to and acid flush E2.1. Peat depth &gt;50cm.</p>	None
2100	<p><b>Wet modified bog</b> Dominant ling with a harestail cotton grass, acute red bog moss and <i>Cladonia portentosa</i> community at a post and wire fence. Peat depth &gt;50cm. Firm underfoot.</p>	None
2101	<p><b>Bare peat E4</b> Extensive areas of bare peat due to peat extraction. Works appear to have been undertaken by a tractor mounted six sod peat cutter that extracts the peat from beneath the ground. The ground was unstable in places as a consequence of displacement of peat below the surface. Likely a commercial scale operation.</p>	None
2102	<p><b>Bare peat E4</b> A continuation of bare peat by the extraction method above. Pole is located next to a drain.</p>	None
2103	<p><b>Wet modified bog</b> A ling, harestail cotton grass community adjacent to the peat extraction area. Dry underfoot.</p>	None
2104	<p><b>Wet modified bog</b> Pole located at the base of revegetated peat extraction plot. Species present are bilberry, purple moor-grass with the bryophytes glittering wood-moss, little shaggy moss and springy turf moss. Peat depth &gt;50cm. Firm underfoot.</p>	None
2105	<p><b>Wet modified bog</b> Ling, wavy hair grass, harestail cotton grass community with abundant flat topped moss cover on the periphery of a broad acid flush - valley mire habitat with a wavy hair grass, flat topped moss, blunt-leaved bog-moss and common haircap community. Two 4x4m quadrats between 2105 – 2106 (Qs 3 &amp; 4). Q5 taken upslope in wet mod. Bog.</p>	None
2106	<p><b>Wet modified bog</b> Located on a bank above the wider acid flush - valley mire habitat. Abundant wavy hair grass interspersed with harestail cotton grass with frequent tormentil and bilberry. Lush bryophyte cover: little shaggy moss, springy turf moss, red-stemmed feather-moss, glittering wood-moss and common haircap.</p>	None
2107	<p><b>Wet modified bog</b> Locally abundant bog asphodel with frequent deergrass. Locally lower ling abundance. Some acute leaved red bog-moss circa 15-30%. Deep peat &gt;50cm. Bog asphodel litter thatch forming. Relatively firm underfoot. One 4x4m quadrat in valley mire west of pole.</p>	None
2108	<p><b>Wet modified bog</b> High abundances of ling and bilberry, with frequent wavy-hair grass and scattered common cotton grass. Bryophytes include little shaggy-moss, springy turf moss. No sphagnum mosses in the vicinity. Peat &gt;50cm. Dry underfoot.</p>	None
2109	<p><b>Wet modified bog</b> Ling, harestail cotton grass community with frequent bilberry, heath plait-moss and little shaggy moss. Sphagnum cover circa 30% - acute leaved red bog moss only. Firm underfoot.</p>	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2110	<p><b>Wet modified bog / valley mire boundary</b> Ling, haretail cotton grass, wavy-hair grass community with frequent common cotton grass and bilberry. Bryophytes: abundant little shaggy-moss. Sphagnum cover circa 35% largely acute leaved red bog-moss. This pole is located on the edge of a wider, relatively flat expanse of valley mire supporting higher abundances of sphagnum species. These include species that relatively scarce absent in the wider ling, haretail cotton grass communities that characterise the much of this section of the project. These are papillose bog-moss and feathery bog-moss. Cover is typically circa 60%. It is still relatively firm underfoot but soft in places. It is not quaking. This community is more likely peat forming. Two 4x4m quadrats between 2109 – 2110 (Qs 1 &amp; 2).</p>	None
2111	<p><b>Wet modified bog</b> Ling, haretail cotton grass, deergrass community with a locally high abundance of bog asphodel in a shallow depression. A damp zone supporting low abundances of sphagnum mosses papillose moss and soft bog-moss. Cover is low - circa 10%. Peat depth &gt;10%. Still relatively firm underfoot.</p>	None
2112	<p><b>Wet modified bog</b> Dominant ling with frequent haretail cotton grass, deergrass and bog asphodel with intermittent cross-leaved heath and common cotton grass. Bryophytes: Heath plait-moss. Frequent acute leaved red bog-moss, papillose moss and occasional soft bog moss. Sphagnum cover circa 15-30%. Peat depth &gt;50cm. Relatively firm underfoot.</p>	None
2113	<p><b>Wet modified bog</b> Ling, haretail cotton grass community with frequent common cotton grass and cross-leaved heath. Scattered bilberry. Bryophytes: frequent heath plait-moss, little shaggy-moss and occasional <i>Campylopus</i> sp. Circa 15-30% sphagnum cover, all of which is acute leaved red bog-moss cover. Peat depth &gt;50%.</p>	None
2113A	<p><b>Wet modified bog</b> Dominant ling with frequent haretail cotton grass, common cotton grass. Bilberry, purple moor-grass and cross-leaved heath are intermittent Bryophytes: frequent heath plait-moss and little shaggy moss. Sphagnum cover circa 15-30% - all of which is acute leaved red bog-moss. Peat depth &gt;50cm. Firm and dry underfoot.</p>	None
2114	<p><b>Wet modified bog - marshy grassland – acid/neutral flush mosaic</b> Patchwork of purple moor grass, soft rush with blunt-leaved bog-moss and common haircap. Frequent heath bedstraw and tormentil. Lower swards with star sedge <i>Carex echinata</i>, sweet vernal grass, meadow grass <i>Poa</i> sp. and sharp-flowered and/or jointed rush. Wet depressions with lesser spearwort <i>Ranunculus flammula</i>, marsh willowherb <i>Epilobium palustre</i>, marsh violet <i>Viola palustris</i>.</p>	None
2115	<p><b>Wet modified bog - marshy grassland – acid/neutral flush mosaic</b> An assortment of species including common bent, sedges <i>Carex</i> spp., sweet vernal grass, heath wood-rush, wavy hair grass, purple moor-grass, bilberry, soft rush with abundant heath bedstraw and tormentil.</p>	None
2116	<p><b>Marshy grassland</b> Local area of marshy grassland along a post and wire fence supporting high abundances of soft rush, sharp-flowered and/or jointed rush and springy turf moss.</p>	None
2117	<p><b>Acid flush</b> Pole 2117 had been located downslope of its current location on a post and wire fence. It was relocated further south (upslope) avoiding the wettest part of the acid flush. The flush supports a dominant carpet of flat topped-moss with frequent blunt-leaved bog-moss and haretail cotton grass.</p>	None
2118	<p><b>Wet dwarf shrub heath</b> Abundant ling with frequent cross-leaved heath, haretail cotton grass, common cotton grass. Occasional <i>Cladonia portentosa</i> and heath rush. Locally high sphagnum cover circa 60%: acute leaved red bog-moss, feathery bog-moss, flat topped bog-moss and papillose bog-moss. Little shaggy-moss present.</p>	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2119	<b>Wet dwarf shrub heath</b> Similar community to 2118 above. This heath was found to be in good ecological condition along this section of the survey corridor.	None
2120	<b>Wet dwarf shrub heath</b> Ling, bilberry, harestail cotton grass community with lower abundances of cross-leaved heath. The main bryophytes are acute leaved red bog-moss, little shaggy-moss, glittering wood-moss and waved silk-moss.	None
2121	<b>Wet dwarf shrub heath</b> Pole moved from its original position adjacent to NI Priority stream. Now circa 30m north in wet dwarf shrub heath.	None
2122	<b>Wet modified bog</b> Harestail cotton grass is dominant with occasional purple moor-grass. Present in Lower abundances are bilberry, common cotton grass, carnation sedge and tormentil. Bryophytes: frequent common haircap. Sphagnum cover 25 – 50% but locally higher across this habitat. Deep peat >50cm.	None
2123	<b>Wet modified bog</b> High abundances of purple moor-grass and harestail cotton grass with frequent cross-leaved heath. Sphagnum cover 15-35%, mostly acute leaved red bog moss and lesser amounts of flat topped bog-moss. Accumulating grass litter. Cranberry <i>Vaccinium oxycoccos</i> present. Vehicle tracking over bog surface to access peat extraction area to the northeast. Older turbary to the south and east. Deep peat >50cm. Relatively firm underfoot. Hydrologically undermined by adjacent peat extraction.	None
2124	<b>Wet dwarf shrub heath</b> Ling, cross-leaved heath, harestail cotton grass, purple moor-grass community with frequent acute leaved red bog-moss, flat topped bog-moss and little shaggy-moss.	None
2125	<b>Wet dwarf shrub heath</b> Pole 2128 moved out of acid flush E2.1 west of current pole number 2125A and beyond the watercourse onto lower slopes of the wet dwarf shrub heath.	None
2125A	<b>Wet modified bog</b> Abundant purple moor-grass with frequent ling, harestail cotton grass and acute leaved red bog-moss. Relatively firm underfoot. Peat depth >50cm.	None
2126	<b>Wet modified bog</b> Ling, harestail cotton grass, purple moor-grass, acute leaved red bog-moss community. In part recently burned.	None
2127	<b>Wet dwarf shrub heath</b> Purple moor-grass, ling, deergrass community. High abundances of carnation sedge <i>Carex panacea</i> , heath rush and a <i>Campylopus</i> sp. possibly bristly swan-neck moss <i>Campylopus atrovirens</i> - possibly indicative of past stocking pressures. Current stock damage with bare peat. Signs of sphagnum moss regeneration.	None
2128	<b>Wet dwarf shrub heath</b> Pole 2128 moved out of acid flush E2.1 and beyond the watercourse onto lower slopes of the wet dwarf shrub heath.	None
2129	<b>Wet modified bog</b> Abundant ling with frequent harestail cotton grass, flat topped-moss and springy turf-moss. Pole located on the edge of an acid flush E2.1 habitat extending west to the watercourse near 2128.	None
2130	<b>Wet modified bog</b> Uncut dry turbary bank with a ling, cross-leaved heath, harestail cotton grass, purple moor-grass community. Bryophytes: little shaggy-moss, springy turf moss, glittering wood-moss. Low sphagnum cover with occasional acute leaved red bog-moss only. Peat depth >50cm. Dry underfoot.	None
2131	<b>Wet modified bog</b> Ling, harestail cotton grass community with deergrass and heath rush. Bryophytes are abundant including little shaggy-moss, glittering wood-moss. Circa 35% sphagnum cover: flat topped bog-moss and acute leaved red bog-moss. Relatively firm underfoot. Peat depth >50cm. Continuous undamaged habitat.	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2132	<b>Wet modified bog</b> A post and wire fence with soft rush, springy turf-moss, common haircap, glittering wood-moss and heath rush. Large scale peat extraction east of fence line. Peat depth >50cm. Firm underfoot.	None
2133	<b>Wet modified bog</b> Bryophytes are dominant including springy turf moss, little shaggy-moss, common haircap, glittering wood-moss, haretail cotton grass, mat grass <i>Nardus stricta</i> and heath rush with low ling cover. Pockets of soft rush. Peat depth >50cm. Firm underfoot. Large scale peat extraction north of 2133.	None
2134	<b>Wet modified bog</b> Very similar community to 2134. The ground is firm underfoot. Peat depth >50cm.	None
2135	<b>Wet modified bog - Improved grassland</b> A post and wire fence separating improved grassland and fragmented wet modified bog supporting ling, haretail cotton grass, acute leaved red bog-moss and little shaggy-moss community immediately south. Peat depth >50cm. Firm underfoot.	None
2136	<b>Improved grassland</b> A post and wire fence with an improved grassland community locally and across the wider fields.	None
2137	<b>Poor semi-improved grassland</b> As with 2136. A post and wire fence with an improved grassland community locally and across the wider fields.	None
UGC 2137 2138	<b>Improved grassland, bare ground and marshy grassland / wet modified bog variant with local acid/neutral flush</b> Improved grassland from pole 2137 onto Meendamp Road - tarmac road surface. From road to pole 2138 is marshy grassland / wet modified bog variant community on cutover bog. Evidence of past disturbance (wheel rutting possibly) along Sitka spruce plantation. Patchy bare ground. Species: frequent Yorkshire fog, velvet bent and soft rush, common sorrel patches of sedge resembling common sedge. Large pockets of springy turf-moss, flat topped bog-moss with intermittent common haircap. Locally wet quaking seepage zone. Peat depth >50cm. Non-NIPH. Seepage area vulnerable during construction.	None
2138	<b>Marshy grassland / wet modified bog community</b> Occurring locally: abundant soft rush with occasional haretail cotton grass and frequent common sorrel. Seemingly old cutover bog. Springy turf moss is abundant. The adjacent habitat is wet modified bog.	None
2139	<b>Acid flush / wet modified bog / marshy grassland mosaic</b> Species present are ling, soft rush and the following bryophytes: glittering wood-moss, little shaggy-moss. Small acid flush E2.1 (too small to map) immediately south of the post and wire fence with dominant flat topped bog-moss and haircap moss. Pocket of marshy grassland. Firm ground above the small flush. Peat depth >50cm.	None
2140	<b>Wet modified bog</b> A ling, haretail cotton grass, purple moor-grass community with intermittent cross-leaved heath bilberry and tormentil. Bryophytes include frequent acute leaved red bog-moss, little shaggy moss and common haircap. Relatively firm underfoot. Peat depth >50cm. Sphagnum cover 15 - 30%.	None
2141	<b>Poor semi-improved grassland / marshy grassland mosaic</b> A low, grassy bank with abundant springy turf-moss, frequent soft rush, heath wood-rush and occasional white clover <i>Trifolium repens</i> . Also present are velvet bent and mouse-ear <i>Cerastium</i> sp.	None
2142	<b>Wet dwarf shrub heath</b> A ling, bilberry, haretail cotton grass community with intermittent purple moor-grass. Bryophytes: frequent common haircap, glittering wood-moss, little shaggy moss and lower abundances of heath plait-moss and neat feather moss <i>Pseudoscleropodium purum</i> . Flowering herbs: occasional tormentil and heath milkwort <i>Polygala serpyllifolia</i> .	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2143	<p><b>Wet dwarf shrub heath</b> Local marshy grassland community (wider habitat is wet dwarf shrub heath) at a post and wire fence with abundant soft rush and frequent creeping bent <i>Agrostis stolonifera</i>. Common haircap is dominant and springy turf-moss frequent. Occasional heath bedstraw. Stays located in the wet dwarf shrub heath immediately adjacent. This is a ling, haretail cotton grass, common grass community with flat topped bog moss. Bare peat with bulbous rush <i>Juncus bulbosus</i>.</p>	None
2144	<p><b>Improved grassland</b> Improved grassland sward grazed by sheep.</p>	None
2145	<p><b>Improved grassland</b> Tall ruderal: stands of common nettle with creeping buttercup <i>Ranunculus repens</i> alongside farm track. Heavily enriched. Ditch below bank.</p>	None
2146	<p>Post and wire fence with <b>poor semi-improved grassland</b> Localised (unmapped) poor semi-improved grassland over peat at a post and wire fence. Abundant or locally dominant springy turf-moss with lower abundances of <i>Polytrichum</i> sp. along with sweet vernal grass, star sedge <i>Carex echinata</i>, soft rush and heath rush. Wider field is improved grassland. The adjacent wet modified bog between 2146 and 2147 is severely damaged by overgrazing.</p>	None
2147	<p>Post and wire fence with a <b>marshy grassland - poor semi-improved grassland variant</b> A variable poor semi improved grassland / marshy grassland community at a post and wire fence. Bryophytes are abundant with peatland species including waved silk-moss, heath plait-moss, <i>Polytrichum</i> sp. along with red-stemmed feather-moss and the lichens <i>Cladonia</i> sp. (a crustose lichen) and <i>C. portentosa</i>. Frequent haretail cotton grass and soft rush. As stated above: the adjacent bog is severely damaged.</p>	None
2148	<p>Post and wire fence with <b>poor semi-improved grassland</b> Sweet vernal grass is frequent or locally abundant with lower abundances of crested dogstail. Frequent and locally abundant white clover and springy turf-moss.</p>	None
2149	<p><b>Wet modified bog</b> Bottom corner of an enclosed field with post and wire fences. Bryophytes dominant including flush species: frequent haircap moss, flat topped bog-moss, bog bead-moss <i>Aulacomnium palustre</i>, springy turf-moss and little shaggy-moss. Also present are ling, purple moor-grass and soft rush. Peat depth &gt;50cm. Soft underfoot.</p>	None
2150	<p><b>Wet modified bog</b> Post and wire fence with ling, bilberry, purple moor-grass, haretail cotton grass community with lower abundances of cross-leaved heath and common cotton grass. Peat depth &gt;50cm.</p>	Habitat with potential for marsh fritillary. Marsh fritillary larval web survey undertaken on the 01 Oct. 2019 (Appendix I)
2151	<p><b>Earth bank with post and wire fence - Marshy grassland and Wet modified bog</b> Pole on a post and wire fence with associated drain separating poor semi-improved grassland and wet modified bog. Heathland species along fence line: ling, bilberry, haretail cotton grass, purple moor-grass, soft rush, bents <i>Agrostis</i> spp. and bryophytes. Drain with some flowing water. The wider field supports frequent Yorkshire fog, sweet vernal grass, velvet bent, sweet-grass with occasional crested dogstail, brown sedge <i>Carex disticha</i>, oval sedge. Star sedge and the moss, springy turf moss are abundant with frequent pointed spear-moss. Low flowering herb cover other than creeping buttercup and scattered cuckooflower <i>Cardamine pratensis</i>. Scattered blunt-leaved bog-moss.  The wet modified bog west of this community has initially low ling cover - instead supporting high abundances of common haircap, flat topped bog-moss with mounds of springy turf-moss, neat feather-moss and glittering wood-moss. Significant are the high abundances of devil's-bit scabious <i>Succisa pratensis</i> and many scattered heath spotted orchids <i>Dactylorhiza maculata</i>. Heath bedstraw is frequent.</p>	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2152	<b>Earth bank with post and wire fence</b> A dry ditch and drain on either side of earth bank. They separate improved grassland and wet modified bog. On the bank are a lone low-growing rowan tree, soft rush, Yorkshire fog and springy turf moss. Drain with some flowing water .1.	None
2153	<b>Earth bank with post and wire fence</b> Drain only alongside earth bank. Bank supporting ling, bilberry and purple moor-grass. Pole at bank base in improved grassland.	None
2154	<b>Earth bank with post and wire fence</b> Earth bank supporting ling, bilberry, hard fern and heath bedstraw. Adjacent drain with Lesser cow-horn bog-moss <i>Sphagnum inundatum</i> .	None
UGC	<b>Improved grassland</b> Underground cable in improved grassland running parallel to earth bank with post and wire fence. The bank supports a line of alder <i>Alnus glutinosa</i> and lower growing rowan. Cable traveling beneath existing OHL.	None
2155	<b>Earth bank with post and wire fence and scattered broadleaved trees</b> Earth bank with similar community to 2154 but with a line of alder and smaller rowan.	None
2156	<b>Poor semi-improved neutral grassland</b> Abundant soft rush and sharp flowered and/or jointed rush. Frequent Yorkshire fog, creeping buttercup, meadow buttercup, common sorrel and white clover with occasional catsear <i>Hypochaeris radicata</i> and velvet bent. Not priority rush pasture habitat given the high abundances of Rush pasture negative indicator species: creeping buttercup, white clover and creeping buttercup. Running water (tributary of the Letterbrat Burn) adjacent. The adjacent tributary (8m from pole) is consistent with the NIPH Rivers and Streams.	Otter footprint along Letterbrat Burn approximately 37m southwest of Pole 2156.
2157	<b>Post and wire fence with improved grassland</b> Pole within improved field. Species occurring locally are false oat-grass <i>Arrhenatherum elatius</i> , meadow vetching <i>Lathyrus pratensis</i> , red fescue <i>Festuca rubra</i> , white clover and ribwort plantain <i>Plantago lanceolata</i> .	None
2158	<b>Improved grassland</b> With perennial ryegrass <i>Lolium perenne</i> , crested dogstail <i>Cynosurus cristatus</i> and common bent <i>Agrostis capillaris</i> .	None
Skip		None
2160	<b>Improved grassland</b> Species poor improved grassland.	None
2161	<b>Wet dwarf shrub heath</b> A ling, harestail cotton-grass, purple moor-grass community with tormentil and deergrass. Occasional wavy hair grass and sweet vernal grass. Bryophytes: flat topped-moss, common haircap and little shaggy-moss occur in high abundances. Locally peat depth >70cm. Relatively firm underfoot. Pockets of soft rush and sharp flowered rush throughout the habitat. Devil's-bit scabious occurring adjacent.	Habitat with potential for marsh fritillary. Marsh fritillary larval web survey undertaken on the 01 Oct. 2019 (Appendix I)
2162	<b>Wet dwarf shrub heath</b> Localised species poor marshy grassland sitting right below the road T-junction. High abundances of soft rush, sweet grass <i>Glyceria</i> sp. and creeping bent.	None
2163	<b>Defunct species poor hedge with poor semi-improved grassland</b> Adjacent earth bank supporting a species poor intact managed gorse and <i>Rhododendron ponticum</i> hedge and shallow cascading ephemeral stream. Pole 1.5 m from stream. Enclosure with dominant springy turf-moss, frequent creeping buttercup, soft rush, marsh ragwort with occasional Yorkshire fog and crested dogstail <i>Cynosurus cristatus</i> . Not a NIPH Rush pasture community.	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2164	<b>Poor semi-improved grassland</b> An earth bank and defunct species poor (intermittent hawthorn) hedge. Disturbed ground with abundant creeping buttercup, frequent common dock <i>Rumex obtusifolius</i> , cocksfoot <i>Dactylis glomerata</i> , soft rush and Yorkshire fog.	None
2165	<b>Post and wire fence</b> Post and wire fence and adjacent (recently excavated) drainage ditch. Species present include Yorkshire fog, creeping bent, sharp flowered rush purple moor-grass and common sorrel.	None
2166	<b>Wet modified bog</b> Ling is dominant with frequent harestail cotton grass, purple moor-grass with occasional common cotton grass and cross leaved-heath. The only sphagnum species noted was acute leaved red bog-moss (circa 30%). Occasion <i>Cladonia portentosa</i> (lichen). Peat depth >50cm.	None
2167	<b>Wet modified bog</b> Wet modified bog adjoining dry (unmapped) linear acid flush community with abundant soft rush and springy turf moss and frequent common haircap. Adjacent bog a ling, harestail cotton grass community with abundant springy turf-moss and little shaggy moss. Dry underfoot.	Irish hare east of Pole 2167
2168	<b>Wet modified bog with acid flush</b> Localised (unmapped) acid flush with abundant feathery bog-moss and frequent soft rush and harestail cotton grass. Beside a post and wire fence. Locally soft and wet underfoot. Wider bog firm underfoot. Micrositing is feasible.	None
2169	<b>Wet modified bog</b> A ling, horsetail cotton grass community with frequent bilberry and acute leaved red bog moss (circa 35% cover). Other frequent bryophytes are heath plait moss and little shaggy moss. Peat depth circa 50cm. Relatively firm underfoot. Some bare peat from cattle grazing.	None
2170	<b>Wet modified bog</b> A ling, cross-leaved heath, purple moor-grass community. Acute leaved red bog-moss is again frequent (circa 35%). Also present are common cotton grass and little shaggy moss. Peat depth circa 50cm. Relatively firm underfoot.	None
2171	<b>Wet modified bog</b> Local (unmapped) relatively dry acid flush community adjoining wet modified bog. Flushed area has abundant soft rush, springy turf moss and little shaggy moss with frequent flat topped bog-moss. Adjacent heath is a ling, bilberry, harestail cotton grass community.	None
2172	<b>Earth bank</b> A bank and supporting mostly bryophytes, grasses and herbs. Species recorded include haircap mosses <i>Polytrichum</i> spp., spring turf-moss with frequent heath bedstraw and occasional common sorrel. Intermittent gorse, willow and soft rush along this boundary.	None
2173	<b>Earth bank</b> A relatively low earth bank with stone and a post and wire fence. Bryophytes again dominant: mostly springy turf moss. Also present are bilberry, fescue <i>Festuca</i> sp. and heath bedstraw.	None
2174	<b>Earth bank</b> Earth bank with stone interior. Post & wire fence. Unmanaged blackthorn hedge on opposite side of track. Bank with fescue(s) <i>Festuca</i> spp., heath wood-rush abundant bryophytes including little shaggy-moss, springy turf-moss and glittering wood-moss. Herbs include heath bedstraw and foxglove.	None
2175	<b>Stone wall J2.5</b> Good bryophytes cover including red-stemmed feather-moss, little shaggy-moss, haircap moss <i>Polytrichum</i> sp. Frequent fescue(s) with occasional heath bedstraw and common sorrel. With post & wire fence. Adjacent <b>mosaic habitat</b> An abandoned enclosure with dense scrub - largely gorse with scattered willow and rowan. Areas of rank marshy grassland with abundant soft rush, pockets of purple moor-grass tussocks, frequent sorrel and occasional devil's-bit scabious. Bramble establishing. Plants are too infrequent to support breeding marsh fritillary.	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2176	<b>Stone wall</b> Good bryophyte cover including little shaggy-moss, red-stemmed feather-moss, haircap moss <i>Polytrichum</i> sp., a <i>Dicranum</i> sp. and other unidentified species. Occasional heath bedstraw. With post & wire fence. Associated fields: improved grassland and mixed plantation woodland. The plantation is largely broadleaved tree. Willows were most notable. This woodland is not consistent with any NIPH woodland habitat.	None
2177	<b>Stone wall and scattered broadleaved trees</b> Fair bryophyte cover. Some unidentified species resembling the <i>Hypnum</i> and <i>Racomitrium</i> families. Various crustose lichens. Post & wire fence.	Rowan tree with double rot holes - first 2m from base of wall. <b>Moderate</b> BRP.
2178	<b>Earth bank and scattered broadleaved trees</b> Low stone and earth bank. Lush bryophyte cover; mostly springy turf-moss. Herbs: frequent wood sorrel <i>Oxalis acetosella</i> , navelwort <i>Umbilicus rupestris</i> , occasional foxglove and common sorrel. Two mature ash with no bat roost potential. Associated fields improved grassland.	Between 2178 and 2179 a rowan with rotting limbs - one cavity. <b>Moderate</b> BRP.
2179	<b>Intact species poor hedge and improved grassland</b> A stone wall – earth bank upon which a relatively intact (gorse dominant, lone hawthorn tree, some bramble). Adjacent improved grassland.	None
2180	<b>Defunct species poor hedge with trees and improved grassland</b> Low earth bank and post & wire fence with improved grassland herbs: white clover, common nettle, broadleaved dock, creeping buttercup. Mature ash approx. 7m along fence line.	None
2181	<b>Defunct species poor hedge with trees and improved grassland</b> Earth bank and post & wire fence intermittent gorse and broadleaved trees.	Between poles 2180 and 2181 large cavity in a rowan tree 1m from base of tree. <b>Moderate</b> BRP.
2182	<b>Defunct species poor hedge with trees and improved grassland</b> Earth bank and post & wire fence. Bank supporting springy turf-moss abundant with frequent heath bedstraw. Common nettle and common sorrel present. Gorse and hawthorn adjacent.	None
2183	<b>Improved and semi-improved neutral grassland</b> Localised poor semi-improved grassland with abundant creeping bent with frequent fescue and occasional creeping buttercup, lesser celandine <i>Ficaria verna</i> and sharp flowered rush and or jointed rush. H pole 8m from a natural scattered broadleaved tree lined watercourse with a gravel substrate and clean appearance. Adjacent unnamed stream (8m from pole) is consistent with the NIPH Rivers and Streams.	None
2184	<b>Improved grassland</b> Improved grassland with adjacent scattered broadleaved trees and associated watercourse. Earlier design pole <5m from stream. Adjacent unnamed stream (now 8m from pole) tributary of the Owenkillew River. Consistent with the NIPH Rivers and Streams.	Between poles 2183 and 2184 ash tree with appressed ivy. Part decaying. Potential PRFs - none seen from the ground. <b>Low</b> BRP. Adjacent dead/dying trees with Negligible pot.
2185	<b>Intact species poor hedge and improved grassland</b> A relatively intact (gorse dominant) hedgerow. Improved grassland adjacent.	Between poles 2185 and 2186 ash tree with appressed and open ivy. Potential PRFs - none seen from the ground. <b>Low</b> BRP
2186	<b>Defunct species poor hedge with trees and improved grassland</b> Low earth bank and dry ditch - post & wire fence with ash and hawthorn. Bank is species poor with frequent springy turf-moss and common sorrel. Improved grassland adjacent. Older ash in corner of field leaning into Construction Corridor.	Two ash with ivy. One on the 10m wayleave corridor. The other leaning into corridor. Potential PRFs - none seen from the ground. <b>Low</b> BRP.
2187	<b>Defunct species poor hedge with trees and improved grassland</b> Low earth bank and dry ditch - post & wire fence a mature alder tree with low BRP. Bank is species poor with frequent common bent, fescue, white clover and springy turf-moss.	Mature alder with ivy. Potential PRFs - none seen from the ground. <b>Low</b> BRP.

Pole	Phase 1 Habitat Type	Protected Species Activity
2188	<b>Running water with scattered broadleaved trees and scattered scrub</b> Edge of improved field on post & wire fence. Adjacent are rowan, alder and hawthorn in association with the stream below the field. Trees with low BRP present. Stream a manmade linear feature not consistent with the NIPH – <i>Rivers and streams</i> .	Rowan with ivy including large appressed stems. <b>Low</b> BRP. Adjacent tree stump (species unknown) entirely covered with ivy. <b>Low</b> BRP.
2189	<b>Post &amp; wire fence and improved grassland</b> Fence with some common nettle.	None
2190	<b>Post &amp; wire fence and improved grassland</b> As with 2189. Fence with some common nettle and some soft rush.	None
2191	<b>Coniferous plantation with a defunct species poor hedge with trees</b> Edge of mature conifer plantation with hawthorn and stands of common nettle. Four intermittent mature ash trees - three with BRP - 1 within clear-fell area (described opposite). Conifer plantation is mature seemingly all Sitka spruce <i>Picea sitchensis</i> with some elder <i>Sambucus nigra</i> where light levels allow. This plantation woodland is not consistent with any NIPH woodland habitat.	Between 2191 and 2193 a mature ash with visible knot holes. <b>Moderate</b> BRP.
2193	<b>Fence with poor semi-improved neutral grassland</b> Concrete post and chain-link fence with tall ruderal common nettle and cow parsley <i>Anthriscus sylvestris</i> and coarse grasses along roadside. Species poor marshy grassland adjacent.	None
2194	<b>Poor semi-improved neutral grassland</b> Enclosure with rank, abandoned appearance with abundant soft rush and creeping bent, frequent sharp-flowered rush, creeping buttercup and springy turf-moss and occasional cuckooflower <i>Cardamine pratensis</i> .	None
Skip		None
2195	<b>Marshy grassland</b> Abundant soft rush and creeping bent with frequent sharp flowered rush, creeping buttercup and springy turf-moss and occasional cuckooflower <i>Cardamine pratensis</i> . Rank with deep thatch. Not consistent with the NIPH – <i>Purple moor-grass and rush pasture</i> .	Between 2195 and 2196 a mature ash with splitting bark. <b>Moderate</b> BRP.
2196	<b>Defunct species poor hedge with trees and improved grassland</b> Species poor hawthorn hedge with intermittent trees and common nettle along post & wire fence.	None
2197	<b>Improved grassland with running water</b> Improved grassland locally. Beyond fence along the Glenelly River Local Wildlife Site: sharp flowered rush and/or jointed rush with meadow vetchling <i>Lathyrus pratensis</i> , lesser celandine, pignut <i>Conopodium majus</i> , white clover, heath-wood rush, sheep's sorrel <i>Rumex acetosella</i> , birdsfoot trefoil <i>Lotus</i> sp. This species rich grassland will not be impacted. 10m from the Glenelly River Local Wildlife Site. This river is consistent with the NIPH Rivers and Streams.	Otter footprints along Glenelly River approximately 20m southwest of Pole 2197.
2198	<b>Post and wire fence and improved grassland</b> A large sycamore <i>Acer pseudoplatanus</i> , a hazel <i>Corylus avellana</i> and three mature ash occur within the Construction Corridor north of this pole along boundary.	Japanese Knotweed growing below the river bank with large bedrock. Edge of 10m Corridor approx. 28m from pole 2198
2199	<b>Defunct species poor hedge and improved grassland</b> Circa 15 unmanaged hawthorn with no notable ground flora. Post & wire fence.	None
2200	<b>Intact species poor hedge and improved grassland</b> Box managed dominant hawthorn hedge and associated earth bank. Ground flora: common nettle, broadleaved dock, cleavers <i>Galium aparine</i> with some foxglove and Herb Robert.	None
2201	<b>Intact species poor hedge and improved grassland</b> As with 2200. Very similar community again with same box managed hawthorn hedge.	None

Pole	Phase 1 Habitat Type	Protected Species Activity
UGC 2201 to 2202	<b>Improved grassland</b> UGC beneath existing OHL. Habitat is improved grassland in both field enclosures north and south of the Landahussy Road. With intact and species poor hedge defunct species poor hedge with trees respectively.	Trees here with BRP (two ashes and a rowan) do not require felling.
2202	<b>Improved grassland and defunct species poor hedge with trees</b> Gorse and bramble provide structure with common nettle and cleavers below at a drinking trough.	None
2203	<b>Improved grassland</b> A post & wire fence with species poor low bank separating improved grassland enclosures.	None
2204	<b>Improved grassland</b> A post & wire fence with species poor low bank separating improved grassland enclosures. Stays located in the adjacent laid intact species poor hedge.	None
2205	<b>Improved grassland</b> As with 2204 but with no stays. A post & wire fence separating improved grassland enclosures.	None
2206	<b>Improved grassland with running water</b> A post and wire fence with improved grassland below which is a drain with shallow, narrow running water and species poor marshy grassland.	None
2207	<b>Marshy grassland</b> A species poor marshy grassy community with high abundances of unmanaged soft rush bordering wetter valley mire.	None
2208	<b>Wet modified bog</b> A linear meandering island of wet modified bog with dominant ling. Pole 2208 was removed from the wet valley mire and located on this dryer habitat. Sphagnum mosses are present. Peat depth >50cm. Firm underfoot. Lone willow tree present. Surrounding habitat is <b>Valley mire</b> characterised by high abundances of sharp flowered rush, haretail cotton and grass star sedge over extensive wet bryophyte carpets. Common haircap is abundant. Sphagnum mosses: mostly flat topped bog-moss with lower abundances of blunt-leaved bog-moss and occasional acute leaved red bog-moss. Also present are intermittent wavy hair grass, heath wood-rush and tormentil. Dryer pockets of unmapped semi-improved acid grassland occur west of the watercourse with supporting sedges <i>Carex</i> spp., heath bedstraw, tormentil and bryophytes.	None
2209	<b>Wet modified bog</b> A flush like community with frequent haretail cotton grass, soft rush and common haircap. Other frequent bryophytes are springy turf-moss and glittering wood-moss. Ericoids are locally scarce or absent. Located 5m from drainage ditch running north south. Peat depth >50. Relatively firm underfoot.	None
2210	<b>Poor semi-improved grassland</b> Springy turf-moss is abundant with frequent soft rush, velvet bent and lower abundances of heath rush, haretail cotton grass, Yorkshire fog and heath bedstraw.	None
2211	<b>Marshy grassland</b> Relatively dry bank between farm track and wider wet modified bog with abundant soft rush, frequent velvet bent, common haircap and glittering wood-moss. Sweet vernal grass also present.	None
2212	<b>Wet modified bog</b> Abundant ling (unmanaged) above glittering wood-moss, heath plait moss and flat topped bog-moss. Relatively firm underfoot. Peat depth >50cm. Unmapped wet acid flush immediately adjacent.	None
2213	<b>Wet modified bog</b> A ling, haretail cotton grass community with frequent flat topped bog moss, common haircap, glittering wood moss and little shaggy moss. Relatively firm underfoot. Peat depth >50cm.	None

<b>Pole</b>	<b>Phase 1 Habitat Type</b>	<b>Protected Species Activity</b>
2214	<b>Wet modified bog</b> Locally dry modified bog with dry, flattened drumstick ling heather over a bryophytes carpet comprising springy turf-moss, little shaggy moss and glittering wood moss. No sphagnum present. Peat depth >50cm.	None
2215	<b>Wet modified bog</b> A ling, haretail cotton grass community with flat topped moss and common haircap. A low stone wall J2.5 immediately adjacent clad with bryophytes and bilberry. Firm underfoot.	None
2216	<b>Wet modified bog</b> Locally a ling, haretail cotton grass community. Bryophytes: little shaggy moss is dominant. Sphagnum mosses: acute leaved red bog-moss and flat topped bog-moss in the wider vicinity. Peat depth >50cm. Relatively firm underfoot.	None
2217	<b>Wet modified bog</b> A ling, haretail cotton grass community beside a dry grassy mound with soft rush. Bryophytes include flat topped bog-moss, common haircap, springy turf-moss and glittering wood-moss.	None
2218	<b>Wet modified bog</b> Ling, haretail cotton grass community. Abundant bryophyte cover: glittering wood moss and little shaggy-moss. Sphagnum mosses: acute leaved red bog-moss, flat topped bog-moss and papillose bog-moss and/or blunt-leaved bog-moss. Circa 15% cover. Peat depth >50cm. Relatively firm underfoot.	None
2219	<b>Wet modified bog</b> Ling is dominant with frequent bilberry and haretail cotton grass. Sphagnum mosses are absent. Bryophytes comprise frequent glittering wood- moss, neat feather moss, springy turf-moss and little shaggy moss. Peat >50cm. Firm underfoot.	None
2220	<b>Wet modified bog</b> Very similar community to 2219. Ling is dominant with frequent bilberry and haretail cotton grass. Sphagnum mosses are absent. Pockets of soft rush. Bryophytes comprise frequent neat feather moss, glittering wood- moss, springy turf-moss and little shaggy moss. Peat >50cm. Firm underfoot.	None
2221	<b>Wet dwarf shrub heath</b> Stone wall (and post and wire fence) covered with ling, bilberry and bryophytes: heath plait moss, glittering wood-moss and little shaggy moss. Soft rush at base of wall. Peat depths decreasing travelling southeast.	None
2222	<b>Wet dwarf shrub heath</b> A bilberry, purple moor-grass, bilberry community. Lush bryophyte cover: high abundances of glittering wood moss, springy turf moss, common haircap. Sphagnum confined to wetter gullies typically supporting flat topped bog-moss.	None
2223	<b>Wet dwarf shrub heath</b> Locally no sphagnum cover. A bilberry, purple moor-grass, bilberry community. Lush bryophyte cover: high abundances of glittering wood moss, little shaggy-moss, heath plait moss and common haircap.	None
2224	<b>Wet dwarf shrub heath</b> Dry, unmanaged ling, bilberry, purple moor-grass community by an old track.	None
2225	<b>Wet dwarf shrub heath</b> The habitat had been recently burned. A purple moor-grass, ling community was evident.	None
2226	<b>Wet dwarf shrub heath</b> As with 2225. Habitat recently burned. A purple moor-grass, ling community was evident. Here some flat topped bog-moss observed.	None
2227	<b>Wet dwarf shrub heath</b> Enclosure dry, abandoned ling, bilberry, purple moor-grass community.	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2228	<p><b>Marshy grassland</b> This habitat is considered to be NIPH with a likeness for - Upland heath and Purple moor grass and rush pasture communities. Sharp flowered rush, soft rush, purple moor-grass and swards interspersed with ling and bilberry. Some sphagnum appearing: feathery bog-moss. Low abundances haretail cotton grass and deergrass and patch forming sedge <i>Carex</i> sp. Locally (at double pole) are mat grass, heath rush, sweet vernal grass, purple moor-grass, tormentil and feathery bog moss. Some bare soil. Relatively firm underfoot.</p>	None
2229	<p><b>Marshy grassland</b> Similar to the wider habitat at 2228. Species present are frequent purple moor-grass, soft rush, heath rush, tormentil, common sorrel, and heath bedstraw with scattered ling and bilberry. It is considered to be NIPH with a likeness for Upland heath and Purple moor grass and rush pasture communities. The sward is open with good diversity. Firm underfoot.</p>	None
2230	<p><b>Marshy grassland</b> Unmanaged, dominant soft rush over lower abundances of sweet vernal grass, crested dogstail, a meadow grass <i>Poa</i> sp., meadow thistle, creeping and meadow buttercups. This community is not consistent with the NIPH Purple moor grass and rush pasture.</p>	None
2231	<p><b>Earth bank and associated ditch with improved grassland</b> Pole located in improved grassland on side of ditch bank. Ditch with shallow slow flowing water.</p>	None
2232	<p><b>Earth bank and associated ditch with improved grassland</b> Post &amp; wire fence along top of earth (and stone) bank. The bank supports a species poor community throughout including frequent common bent, Yorkshire fog, meadow grasses <i>Poa</i> spp., common sorrel, heath bedstraw and more intermittently sheep's sorrel <i>Rumex acetosella</i> and foxglove. Spring turf-moss is particularly frequent.</p>	None
2233	<p><b>Earth bank and associated ditch with improved grassland</b> Earth bank community much the same as 2232</p>	None
2234	<p><b>Earth bank and associated ditch with improved grassland</b> Earth bank community much the same as 2232 and 2233.</p>	None
2235	<p><b>Improved grassland</b> A post &amp; wire fence separating improved grassland enclosures.</p>	None
2236	<p><b>Poor semi-improved grassland</b> Narrow grassland alongside farm access track with post &amp; wire fence below which a ditch (very little running water) noted during survey). Locally the sward has an improved appearance with high abundances of Yorkshire fog with white clover and common nettle present.</p>	None
2237	<p><b>Defunct species poor hedge and improved grassland</b> A defunct species poor hawthorn hedge with common nettle below.</p>	None
2238	<p><b>Conifer planation and improved grassland</b> Linear tall ruderal (entirely common nettle) along a post &amp; wire fence. The conifer plantation (largely Sitka spruce) occurs on either side of a gorge. A watercourse (running water) runs through it. It has reached maturity and is more light emitting as a consequence; particularly in the vicinity of the water course with lighter canopy pine <i>Pinus</i> sp. replacing Sitka spruce. Willows with occasional elder and rowan occur. Ferns are frequent including hard fern as are foxgloves. There are small pockets of wood sorrel that may have predated conifer planting on the slopes. Unidentified bryophytes are abundant here also. There are pockets of common nettle and bracken, the former more so in the flat damp gorge basin. It is accessed by sheep with evidence of localised enrichment and potential water quality concerns. The Trinamadan Burn is nonetheless consistent with the NIPH - <i>Rivers and streams</i>.</p>	<p>Mature pine and spruce with peeling bark. No other roost opportunities visible from the ground. <b>Low BRP</b>.  Trinamadan Burn consistent with the NIPH - <i>Rivers and streams</i>.</p>

Pole	Phase 1 Habitat Type	Protected Species Activity
2239	<p><b>Scattered broadleaved trees and marshy grassland</b>            Located just inside corner of a non-grazed piece of wet grassland with adjacent running water (Trinamadan Burn) Circa 5 tall growing willows above a species poor grassy sward with rush <i>Juncus</i> spp. and bent grasses <i>Agrostis</i> spp. Adjoins mature conifer planation. Dense blackthorn scrub occurs on the opposing side of the stream.            Adjacent Trinamadan Burn (10m from H pole) is consistent with the NIPH Rivers and Streams.</p>	None
2240	<p><b>Wet dwarf shrub heath</b>            Abundant purple moor-grass and haretail cotton grass with heavily grazed ling and bilberry. Bryophytes include loosely occurring flat topped bog moss and acute leaved red bog-moss (sphagnum species) with glittering wood-moss and common haircap.            A post and wire fence separates this habitat from an adjacent improved grassland enclosure.</p>	None
2241	<p><b>Wet dwarf shrub heath</b>            A similar community to 2040 above.</p>	None
2242	<p><b>Improved grassland</b>            Pole on boundary with post &amp; wire fence. Locally sward has a poor semi-improved appearance. Spoil (farmyard manure) immediately beyond the nearby farm track. Intensive sheep grazing.</p>	None
2243	<p><b>Improved grassland</b>            Pole on corner boundary with post &amp; wire fence. Ground badly poached with tussocks of soft rush. Intensive sheep grazing.</p>	None
2244	<p><b>Improved grassland</b>            Species poor sward. Flowering herbs absent. Intensive sheep grazing.</p>	None
2245	<p><b>Wet dwarf shrub heath</b>            This habitat was observed from the adjacent field (access denied). It was seen to support abundant bilberry with frequent wavy hair-grass, purple moor-grass, intermittent ling and haretail cotton grass. Noted locally were springy turf-moss and tormentil.</p>	None
2246	<p><b>Wet dwarf shrub heath</b>            Pole 2246 appears to occur on an earth bank with a defunct species poor gorse hedge. The wider habitat is wet dwarf shrub heath.</p>	None
2247	<p><b>Wet dwarf shrub heath</b>            This location could not be observed from the vantage points. Orthophotography appears to show a further wet dwarf shrub heath community across these enclosures.</p>	None
2248 to Glenforan Road	<p><b>Improved grassland with intact species poor hedgerows</b>            The field in which pole 2248 is located could not be accessed (accessed denied). It was viewed from the Glenforan Road. It is an improved grassland enclosure grazed by sheep. Pole 2248 at the apex of the field where two intact species poor hawthorn hedgerows merge. Hedgerow loss to facilitate underground cable out onto the Glenforan Road.            Note: there are two established stands of Japanese knotweed either side of the Glenforan Road. Possible disturbance from underground cabling within carriageway.</p>	None

Pole	Phase 1 Habitat Type	Protected Species Activity
<p><b>Meenadoo Road to 2251</b></p>	<p><b>Improved grassland, semi-natural broadleaved woodland and running water</b>  Proposed trench travels along earth bank and adjoining dry ditch where conifers have been felled as they have in the adjoining planation (recently felled woodland). It travels beneath a watercourse with associated semi-natural broadleaved woodland with alder, willow, rowan and gorse. Bent grasses <i>Agrostis</i> spp. and Yorkshire fog represent most of the ground flora through which frequent wood sorrel is scattered. Also present are intermittent foxglove, honeysuckle and various ferns. Useful amounts of dead wood. Stream bank is collapsing in places presumably due to flash flooding. Pockets of golden saxifrage <i>Chrysosplenium oppositifolium</i>. Not a NI Priority Woodland Habitat being &lt;0.5 ha.  The unnamed burn (0m from UGC) consistent with the NIPH Rivers and Streams.  The line re-enters an enclosure with improved grassland along its northern boundary (travelling west). It is heavily enriched with frequent thistle <i>Cirsium</i> spp.  The lower field along which the trench travels south (to pole 2251) is marshy grassland.  This habitat supports frequent and locally abundant purple-moor grass and soft rush with common cotton grass, star sedge, common sedge <i>Carex nigra</i>, heath wood-rush and velvet bent. There are patches of ling, bilberry and two sphagnum mosses: acute leaved red bog-moss and blunt-leaved bog-moss. Other bryophytes: springy turf-moss abundant with intermittent haircap moss, glittering wood-moss and neat feather moss.  Flowering herbs are scarce. They include scattered white clover, marsh thistle <i>Cirsium palustre</i>, meadow buttercup <i>Ranunculus acris</i>, lesser spearwort <i>Ranunculus flammula</i>, heath bedstraw and tormentil. Dog lichen <i>Peltigera</i> sp. also noted. Occasional gorse bushes also present. There is no rush control. Preferential grazing - sheep avoiding soft rush.  This better quality habitat doesn't extend further south than terminal H pole 2251. It extends into a dry rush and purple moor-grass filled dry ditch and associated defunct hedgerow with trees on a low earth bank with a post &amp; wire fence.</p>	<p>Two bat trees: a rowan with bulbous canker and common birch with longitudinal split. Each with <b>low</b> BRP. Within 5m UGC corridor</p>
<p><b>2252</b></p>	<p><b>Marshy grassland</b>  A marshy grassland community (described above) alongside a rush and purple-moor grass filled dry ditch. Birch trees more frequent along adjacent defunct hedgerow with trees.</p>	<p>None</p>
<p><b>2253</b></p>	<p><b>Marshy grassland</b>  Large tussocks of soft rush with frequent sharp flowered and/or jointed rush, unidentified sedge <i>Carex</i> spp. and grasses, occasional purple-moor grass with harestail cotton grass. Bryophyte carpet (springy turf-moss). Occasional meadow buttercup.</p>	<p>None</p>
<p><b>2254</b></p>	<p><b>Marshy grassland - poor semi-improved grassland variant</b>  Pole located in narrow band of dry marshy grassland / poor semi-improved grassland variant immediately north of dry ditch with soft rush, fescue, unidentified sedges <i>Carex</i> spp. Some neat feather moss.  Adjacent wet modified bog supports frequent ling, cross-leaved heath and harestail cotton grass with common cotton grass, purple moor-grass and sharp flowered rush occurring as scattered individuals. Flowering herbs include occasional lousewort <i>Pedicularis sylvatica</i> and frequent devil's-bit scabious. Bryophytes include frequent acute leaved red bog-moss, flat topped bog-moss, glittering wood moss and little shaggy moss.  The sward is short and evenly grazed. Grazing is seemingly by sheep only.</p>	<p>Habitat with potential for marsh fritillary. Marsh fritillary larval web survey undertaken on the 01 Oct. 2019 (Appendix I)</p>
<p><b>2255</b></p>	<p><b>Marshy grassland - poor semi-improved grassland variant</b>  Frequent soft rush, sharp flowered rush and purple moor-grass with lower abundances of star sedge <i>Carex echinata</i>, other <i>Carex</i> spp., springy turf-moss, glittering wood-moss and neat feather moss. No flowering herbs. Beside dry ditch.</p>	<p>Habitat with potential for marsh fritillary. Marsh fritillary larval web survey undertaken on the 01 Oct. 2019 (Appendix I)</p>
<p><b>2256</b></p>	<p><b>Improved grassland</b>  Pole located in grassy farm track. Species poor.</p>	<p>Habitat with potential for marsh fritillary west of Pole 2256. Marsh fritillary larval web survey undertaken on the 01 Oct. 2019 (Appendix I)</p>

Pole	Phase 1 Habitat Type	Protected Species Activity
2257	<p><b>Improved grassland and defunct species rich hedgerow (2)</b> with trees Improved grassland each side of earth bank with defunct species rich hedgerow with trees: common birch, rowan, willow, gorse, honeysuckle <i>Lonicera periclymenum</i>, bilberry and bramble. Ground flora: ferns incl. hard fern, foxglove, neat feather-moss, big shaggy-moss <i>Rhytidiadelphus triquetrus</i> and heath plait moss. Associated drainage ditch. H pole straddling this hedgerow. Adjacent marshy grassland is species poor with high abundance of soft rush and negative indicator species: creeping buttercup, marsh ragwort and broadleaved dock. Badly poached. 2</p>	
2258	<p><b>Improved grassland with defunct species poor hedge with trees</b> Within either side of farm lane. Wider fields improved grassland. Gorse, honeysuckle and bramble occurring locally with a grassy species poor bank.</p>	Mature alder on opposite side of laneway with <b>low</b> BRP. On edge of wayleave corridor. PRFs - none seen from the ground. May require pruning.
2259	<p><b>Improved grassland</b> Opposing side of farm track with defunct species poor hedge with trees with broader gaps. Two rowan trees present.</p>	Rowan with 1.5m vertical fissure exposing interior cavity extending up the tree. <b>Moderate</b> BRP.
2260	<p><b>Improved grassland with intact species rich hedgerow (3)</b> Pole on the edge of dry ditch with hedge supporting hazel <i>Corylus avellana</i> and holly with a rich ground flora including bluebell <i>Hyacinthoides non-scripta</i>, and wood sorrel.</p>	None
2261	<p><b>Improved grassland with defunct species rich hedgerow (4)</b> with trees This terminal H pole is located in the open field. Nearby is a defunct species rich hedgerow with trees comprising an earth bank with hazel, holly, ivy, gorse, willow, broom <i>Cytisus scoparius</i>, bramble and honeysuckle. Bank supporting neat feather moss, springy turf-moss with fescue, common sorrel, heath bedstraw, violet, hard fern and polypody <i>Polypodium</i> sp. The UGC travels through this hedgerow.</p>	None
<p><b>UGC 2261 to Gorticashel Road</b></p>	<p>Leaving terminal H pole the UGC immediately travels through the aforementioned species rich hedgerow (4). The cable then runs alongside the boundaries of improved grassland enclosures. On route, the cable passes through a defunct <b>species rich hedgerow (5)</b> with trees also comprising a dry ditch and earth bank. Locally semi-mature ash and mature holly occur. The bank supports primrose <i>Primula vulgaris</i>, wood sorrel, pignut, yellow pimpernel <i>Lysimachia nemorum</i>, violet, common sorrel and the ferns: hard fern and polypody. Cable passes through the most easterly extent of the Golan Burn Local Wildlife Site onto Gorticashel Road through managed defunct <b>species rich hedgerow (6)</b> with hazel, hawthorn, blackthorn, ash and lesser celandine. The hedge connects to the wider local wildlife site woodland. The outer extent of the 5m UGC Construction Corridor through Golan Burn Local Wildlife Site approx. 10m upslope of Golan Burn watercourse. UGC then travels east along Gorticashel Road (tarmacadam road – bare ground).</p>	Trees with BRP along UGC from 2261 to Gorticashel Road. Outside UGC 5m corridor thus no felling required.
<p><b>UGC Gorticashel Road to 2262</b></p>	<p>UGC leaving Gorticashel Road travelling south along tree and shrub lined stream with blackthorn, hawthorn, hazel, willow, alder, hazel and ash. Post and wire <b>fence</b> protecting the watercourse (<b>running water</b>) along the UGC side only. Stream bank collapsing on opposite side in places. Patches of semi-shade spring ground flora on UGC side including bluebell, greater stitchwort <i>Stellaria holostea</i>, red campion and golden saxifrage. Unnamed burn (a tributary of Golan Burn) consistent with the NIPH - Rivers and streams. UGC &gt;5m from this stream throughout but in part &lt;10m. Potential impact on watercourse during construction.</p>	
2262	<p><b>Defunct species poor hedgerow and improved grassland</b> Terminal pole below a mostly hazel lined embankment. Bare ground – no ground flora. Used by sheep to shelter. Stays in the upper field. Improved grasslands.</p>	None
2263	<p><b>Intact species poor hedge and improved grassland</b> Recently planted established native species hedgerow. Mostly hawthorn, with dog rose and other native species. Managed. Located &gt;5m from Owenkillew River SAC along farm access track.  Intermittent Himalayan balsam plants occur on the bank of the Owenkillew River and on exposed bars in the channel identified during otter survey.</p>	None

Pole	Phase 1 Habitat Type	Protected Species Activity
	Owenkillew River SAC OHL crossing. Mostly sycamore with individual smaller pine and spruce within the way leave. Many Himalayan balsam plants along the bank side – particularly bad on disturbed ground on the east bank.	None
2263A	<b>Improved grassland</b> A post and wire fence by the boundary with new intensive poultry farm.	None
2264	<p>Post and wire <b>fence</b> with <b>scattered trees</b> and <b>poor semi-improved neutral grassland</b> H pole on boundary with post and wire fence only boundary. Single mature and semi-mature ash trees adjacent. Stays in semi-improved grassland with a soft rush – Yorkshire fog community.</p> <p>An infilled, broad drainage ditch separates broadleaved semi-natural woodland and the poor semi-improved grassland between poles 2264 and 2265. Along the drain the woodland is wet old willow beneath which are scattered marsh marigold <i>Caltha palustris</i> and lesser spearwort <i>Ranunculus flammula</i> but with evidence of enrichment: high abundances of common nettle and dock and sweet grass, the latter infilling much of the drainage channel. Fallen willows north of line crossing have lush bryophyte cover with golden saxifrage, wood sorrel and polypody fern.</p> <p>The rest of the woodland goes up a dry incline to the boundary fence with ash, birch and hazel occur above a rich ground flora or primrose <i>Primula vulgaris</i>, bluebell <i>Hyacinthoides non-scripta</i>, golden saxifrage <i>Chrysosplenium oppositifolium</i>, pignut <i>Conopodium majus</i> and lesser celandine. The outer woodland along the road supports hawthorn and blackthorn. Much of the canopy beneath the OHL is open with a grassy lesser celandine, creeping buttercup, golden saxifrage community.</p> <p>The community is very consistent with the NIPH woodland <i>Ash woodlands</i> however the site is too small to quality as this NIPH being considerably less than 0.5 ha threshold size.</p>	None
2265	<b>Intact species poor hedgerow</b> (12) with improved grassland Locally species rich hedgerow (extension of same species rich woodland) with hazel and blackthorn at this pole location above bluebell and greater stitchwort <i>Stellaria holostea</i> and lesser celandine.	None
2266	<b>Defunct species poor hedgerow with trees</b> and <b>improved grassland</b> Pole in hedge with two defunct rowan trees beneath which is dense bramble and common nettle. A small pool of seemingly impeded standing water where this hedgerow meets the Drumlea Road. It was distinct from other areas of standing water. In supporting the aquatic species duckweed <i>Lemna</i> sp. A Habitat Suitability Index (HIS) was undertaken for this waterbody receiving a score of 0.35. A score of <0.5 is 'poor'.	
2267	<b>Defunct species poor hedgerow with trees</b> and <b>improved grassland</b> Low stone wall (supporting flowering herbs: common sorrel and navelwort) with holly and bramble above with a post & wire fence. Intensively managed field enclosures.	None
2268	<b>Defunct species poor hedgerow with trees</b> and <b>improved grassland</b> Stone wall with bramble, rowan and holly. Bryophytes are present: springy turf-moss and common tamarisk-moss <i>Thuidium tamariscinum</i> . Herbs: common sorrel with patchily present greater stitchwort and foxglove. Slurry spread on hedge.	Between 2267 and 2268 rowan growing through holly. Small knot hole approx. 4m up main trunk. <b>Moderate</b> BRP.
2269	<b>Defunct species poor hedgerow with trees</b> and <b>improved grassland</b> Earth bank - stone wall supporting intermittent gorse bramble, hawthorn and rowan.	Between 2268 and 2269 ash with appressed ivy and bark peel with <b>low</b> BRP.
2270	<b>Defunct species poor hedgerow with trees</b> and <b>improved grassland</b> Lone hawthorn at field corner: post & wire fence and low earth bank with common species: springy turf-moss & Yorkshire fog.	None
2271	<b>Earth bank</b> and <b>scattered broadleaved trees</b> and <b>scrub</b> Part species rich at stay location with woodland herbs: bluebell, pignut, Herb Bennet, greater stitchwort, lesser celandine and wood sorrel. Nearby at pole species poor: common nettle, cleavers, some pignut and germander speedwell <i>Veronica chamaedrys</i> . Mature ash, small hawthorn. Wider fields improved grassland.	Mature ash has rotting limb with some access potential. Other PRFs not seen from the ground - <b>low</b> BRP.

Pole	Phase 1 Habitat Type	Protected Species Activity
2272	<b>Earth bank with scattered broadleaved trees and scattered scrub</b> (scrub unmapped) Species rich bank supporting pignut, primrose, greater stitchwort, bluebell, germander speedwell, Herb Robert, violet <i>Viola</i> sp., a St. John's wort <i>Hypericum</i> sp. and wood sorrel. Woody species: frequent bramble with pieces of bilberry and gorse. Wider fields improved grassland.	None
2273	Relatively intact <b>species rich hedgerow</b> (7) with trees and <b>improved grassland</b> Gorse, hawthorn and bramble at pole. Earth bank supports wood sorrel, germander speedwell, violet, common sorrel and foxglove. Intermittent rowan along hedge. Associated ditch (unmapped). Pole in bank.	None
2274	Defunct <b>species rich hedgerow</b> (8) with trees and <b>improved grassland</b> Low bryophyte covered walls on either side of farm lane enhancing these hedgerows. Wall collapsed where pole occurs. A mature and pollard ash with abundant bramble occasional holly. Ground flora: frequent Herb Robert, common sorrel and wood sorrel.	None
2275	Defunct <b>species rich hedgerow</b> (9) with trees and <b>improved grassland</b> Holly, hawthorn, blackthorn and bramble. Stone wall supporting hard fern, bracken, wood sorrel, primrose, common sorrel, germander speedwell and cleavers. H pole part in hedge.	None
2276	Defunct <b>species rich hedgerow</b> (10) with trees and <b>improved grassland</b> An abandoned laneway. Pole outer side of vegetated stone wall with a mature holly tree. Ground flora: frequent wood sorrel, fescue and germander speedwell with occasional primrose, violet and <i>Polypodium</i> sp. Unidentified bryophytes. Wider tree felling: 2 medium aged ash, 1 sycamore, 1 mature holly.	None
2277	Defunct <b>species rich hedgerow</b> with trees (11) and <b>improved grassland</b> With an associated ditch (unmapped). Bryophyte covered stone wall with holly, rowan and willow and gorse covering ditch. H pole impacting hedge.	None
2278	Defunct <b>species poor hedgerow with trees</b> and <b>improved grassland</b> Low stone wall and dry ditch with some fern, bramble and common nettle. Holly, hawthorn and a mature ash with low BRP. Two other mature ash along boundary with low BRP.	Two mature ash in Construction Corridor with <b>low</b> BRP. Third ash just beyond Construction Corridor also with <b>low</b> BRP may require pruning. PRFs not seen from the ground.
2279	Defunct <b>species poor hedgerow with trees</b> and <b>improved grassland</b> Low earth bank and post & wire fence with intermittent rowan, gorse and bramble. Bank supporting, common bent, sweet vernal grass, white clover, heath bedstraw and springy turf-moss.	None
2280	Defunct <b>species poor hedgerow with trees</b> and <b>improved grassland</b> Pole on upper bank above dry ditch and bank face. 2 common birches and 3 rowans in Construction Corridor and possibly upper limbs of med. aged oak or the entire tree. Some lower growing holly and hawthorn present. Beyond 2280 is a <b>quarry</b> with surrounding <b>mosaic habitat</b> : disturbed ground with vegetated spoil heaps (including soft rush, common ragwort <i>Senecio jacobaea</i> , broadleaved dock, Yorkshire fog, foxgloves and buttercups <i>Ranunculus</i> spp.) and scattered gorse scrub and recolonising bare ground (ephemeral short perennial): incl. white clover and creeping buttercup. Adjacent field approaching 2281 is <b>poor semi-improved grassland</b> . It is not consistent with any NIPH grasslands. Dominant soft rush (uncontrolled) and Yorkshire fog occurring in high abundances. Just two positive indicator species are present: greater birdsfoot trefoil <i>Lotus pedunculatus</i> and marsh bedstraw <i>Galium palustre</i> .	Between 2280 and 2281 mature alder in Construction Corridor. Sufficient size/age to contain PRFs - none seen from the ground. <b>Low</b> BRP.  Second alder (with holly) in same boundary on edge of Construction Corridor. Sufficient size/age to contain PRFs - none seen from the ground. <b>Low</b> BRP.
2281	<b>Poor neutral semi-improved grassland - scattered broadleaved trees</b> Pole on top of an unfenced dry grassy bank (with scattered broadleaved trees and scattered (gorse - unmapped) scrub) - locally supporting white clover, creeping buttercup and creeping thistle <i>Cirsium arvense</i> . The wider field is species poor (unmanaged) semi-improved grassland: soft rush, Yorkshire fog, creeping buttercup community. The community is not consistent with the NIPH - <i>Purple moor-grass and rush pasture</i> . Soft rush is abundant. Evidence of enrichment: creeping thistle.	Lone alder at pole. Some decaying limbs providing possible voids for bats. <b>Low</b> BRP. Willow beyond just wayleave boundary may require pruning. Cavity with <b>Moderate</b> potential.

Pole	Phase 1 Habitat Type	Protected Species Activity
2282	<b>Poor neutral semi-improved grassland with stone wall with scattered broadleaved trees and scattered scrub</b> Wall (and post & wire fence) with rich bryophyte and lichen cover. Pole in field above wall with improved grassland. Lone mature ash at pole will require felling. Negligible BRP. Pockets of gorse and bramble (unmapped).	None
2283	<b>Earth bank / stone wall with scattered broadleaved trees</b> Earth bank/stone wall on either side of farm track with ash, willow, birch and rowan. The wall is prominent where the pole is located. The habitat is improved grassland. Wall has lush bryophyte cover. Willow falling into Construction Corridor. Medium aged ash may need limbs removed. On opposing side of road losing mature birch, willows (one leaning) and underdeveloped rowan.	Two willows on opposite side of lane each with <b>low</b> BRP followed by two birch with <b>Moderate</b> BRP.
2284	<b>Poor neutral semi-improved grassland and semi-natural broadleaved woodland</b> Pole set in boundary comprising stone wall J2.5 and post & wire fence. Adjacent wood: recently evolved wet birch woodland across an abandoned field enclosure with open areas with frequent devil's-bit scabious (and unidentified orchids). Despite their abandoned condition, these pockets of grassland are consistent with the NIPH – <i>Purple moor-grass and rush pasture</i> . Species richness falls where tree cover has established. Some flush bryophytes: common haircap and blunt-leaved bog-moss. The wet woodland is not consistent with the NIPH – <i>Wet woodland</i> being less than 0.5ha (approx. 0.1ha). Wider marshy grassland – poor semi-improved grassland variant between 2283 and 2284. Sward comprises abundant soft rush, frequent Yorkshire fog, creeping buttercup, common sorrel and springy turf-moss. Occasional marsh thistle and white clover. This community is not consistent with the NIPH <i>Purple moor-grass and rush pasture</i> .	One birch with top lost and cavity exposed. Other PRFs not seen from ground may occur. <b>Low</b> BRP. Habitat with potential for marsh fritillary. Marsh fritillary larval web survey undertaken on the 01 Oct. 2019 (Appendix I)
<b>Skip</b>	N/A	N/A
2286	<b>Marshy grassland and poor semi-improved grassland</b> A low stone wall, post & wire fence and lone rowan tree separating the habitats above.	None
2287	<b>Marshy grassland and poor semi-improved grassland / marshy grassland mosaic</b> A low <b>stone wall</b> with post and wire fence separating the habitats above. The wall supports bryophytes and grasses. The poor semi-improved grassland / marshy grassland mosaic (occurring between 2287 and 2288) transitions into a more species rich community supporting devil's-bit scabious before descending downslope into a valley mire complex.	Habitat with potential for marsh fritillary between Pole 2287-2288. Marsh fritillary larval web survey undertaken on the 01 Oct. 2019 (Appendix I)
2288	<b>Scattered scrub</b> Shallow stony soil on a dry slope with scattered mature and immature gorse with green ribbed sedge <i>Carex binervis</i> , rush and unidentified grasses. Adjacent stone wall and post and wire fence with gorse, bilberry and rowan.	Habitat with potential for marsh fritillary between Pole 2287-2288. Marsh fritillary larval web survey undertaken on the 01 Oct. 2019 (Appendix I)
2289	<b>Wet dwarf shrub heath</b> Located beside a shallow drainage ditch with intermittent running water supporting high abundances soft rush, springy turf-moss and glittering wood-moss. This feature separates the heath from the semi-improved grassland.	None
2290	<b>Wet dwarf shrub heath</b> Ling, bilberry, haretail cotton grass, purple moor-grass and soft rush. Bryophytes are abundant: springy turf-moss, glittering wood-moss, springy turf-moss, little shaggy-moss, common haircap and flat topped bog-moss.	None
2291	<b>Wet dwarf shrub heath</b> Ling, bilberry, haretail cotton grass community with intermittent purple moor-grass. Bryophytes are abundant comprising springy turf-moss, glittering wood-moss, springy turf-moss, little shaggy-moss, common haircap and flat topped bog-moss.	None
2292	<b>Wet dwarf shrub heath</b> Localised marshy grassland immediately west of a low stone wall (and post and wire fence) with lush bryophyte and lichen cover. The marshy grassland comprises abundant springy turf-moss, soft rush and frequent common sorrel.	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2293	<b>Stone wall with improved grassland</b> A low stone wall and post & wire fence with grasses, bryophytes including a <i>Polytrichum</i> sp. and lichens.	None
2294	<b>Wet dwarf shrub heath / marshy grassland / scattered scrub / dense scrub mosaic</b> A post and wire fence by roadside with some gorse and a lone birch tree. Wider habitat is wet dwarf shrub heath with patches of gorse scrub and pockets of soft rush (species poor marshy grassland).	None
2295	<b>Wet dwarf shrub heath / marshy grassland / scattered scrub / dense scrub mosaic</b> On the upper extent of dense (gorse) scrub with occasional willow at a post and wire fence. Recent burning has taken place.	None
2296	<b>Wet dwarf shrub heath / marshy grassland / scattered scrub / dense scrub mosaic</b> Localised dry dwarf shrub heath D1: Ling and glittering wood moss are abundant with occasional harestail cotton grass, purple moor-grass, heath rush, sweet vernal grass, bilberry and green ribbed sedge.	None
2297	<b>Wet dwarf shrub heath / marshy grassland / scattered scrub / dense scrub mosaic</b> Post and wire fence with marshy grassland and local pocket of unmapped semi-improved acid grassland community. Species occurring locally are frequent purple moor-grass, fescue <i>Festuca</i> sp., sweet vernal grass and soft rush. Frequent glittering wood-moss and occasional neat feather moss. Occasional ling and bilberry.	None
2298	<b>Wet dwarf shrub heath / marshy grassland / scattered scrub / dense scrub mosaic</b> Post and wire fence separating local marshy grassland (with abundant soft rush) and dwarf shrub heath communities. Heath vegetation comprises abundant ling and occasional bilberry with frequent purple moor-grass, fescue and sweet vernal grass. Bryophytes include frequent glittering wood-moss and neat feather-moss.	None
2299	<b>Improved grassland / tall ruderal / marshy grassland mosaic</b> Locally occurring are frequent perennial ryegrass <i>Lolium perenne</i> , white clover, common nettle, with soft rush tussocks and creeping thistle <i>Cirsium arvense</i> . In the vicinity are spoil (farmyard manure) and <b>refuse tips</b> (builders waste).	None
2300	<b>Wet dwarf shrub heath</b> Pole relocated to the dryer outer acid flush boundary.	None
Skip	Pole removed from acid flush community	None
2302	<b>Wet dwarf shrub heath</b> Pole relocated to the dryer outer acid flush boundary. Acid flush is wet supporting high abundances of flat topped bog-moss with common haircap.	None
2303	<b>Wet dwarf shrub heath</b> Existing unmapped acid flush (10-15m across): flat topped bog moss and blunt-leaved bog-moss dominant. Common cotton grass and harestail cotton grass are frequent with loosely occurring soft rush. Adjacent wider habitat is a dryer ling, soft rush, heath rush, harestail cotton grass community.	None
2304	<b>Marshy grassland</b> Local species poor marshy grassland with abundant soft rush with frequent Yorkshire fog, bent grasses <i>Agrostis</i> spp., common sorrel, springy turf-moss with occasional sweet vernal grass. Transitioning abruptly into a wetter valley mire community downslope.	None
2305	<b>Improved grassland</b> Post & wire fence with soft rush tussocks. Improved grassland either side.	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2306	<p><b>Earth bank and improved grassland and marshy grassland</b>  Pole on earth bank with post &amp; wire fence supporting a species poor sward including frequent springy turf-moss, wood rush <i>Luzula</i> sp. and heath bedstraw. Infrequent are bent grasses <i>Agrostis</i> spp., Yorkshire fog, sweet vernal grass, bilberry and ling. Associated ditch with some running water. Dry ditch on opposing side.</p> <p>Marshy grassland between 2306 and 2307  Frequent or locally abundant sharp flowered rush and/or jointed rush, occasional or locally frequent soft rush, frequent sedge <i>Carex</i> spp. (two unidentified sedges – one resembling <i>C. binervis</i>), frequent creeping bent, sweet vernal grass, springy turf moss and occasional Yorkshire fog (the latter is a negative indicator species). Flowering herbs include two <i>Purple moor-grass and rush pasture</i> positive indicator species namely an orchid (unidentified) and lesser spearwort. Other non-indicator flowering herb species are occasional common sorrel, catsear <i>Hypochaeris radicata</i>, marsh thistle and locally frequent meadow buttercup. Frequent dog lichen.</p> <p>Two negative indicator broadleaved herbs present are frequent creeping buttercup and locally frequent white clover.</p>	None
2307	<p><b>Bare ground</b>  Below the defunct gorse hedge on the windfarm access track. The bare ground extends south into former grassland presumably an extension of windfarm earth works. The remaining grassland in in a rank condition, likely from a cessation of management during windfarm construction. Rush and grasses are dominant. A marshy grassland / acid flush community occurs west of here upslope supporting purple-moor grass, blunt-leaved bog-moss, glittering wood-moss and frequent devil's-bit scabious.</p> <p>Grasses and gorse are establishing in the bare ground.</p>	None
2308	<p><b>Dense scrub</b>  Pole located on top of dryer glacial till bank below which is running water and a farm track. The scrub comprises gorse with intermittent bramble. The side of this raised bank appears to have been excavated possibly as part of drain alignment. The adjacent unnamed tributary (6m from pole) is consistent with the NIPH Rivers and Streams.</p>	None
2309	<p><b>Earth bank and scattered scrub</b>  A post &amp; wire fence on a narrow earth bank and associated dry ditch. Bank and ditch supporting intermittent rowan, gorse, bramble. Bank with fescue, heath bedstraw and spring turf-moss. Adjoining fields are improved grassland.</p>	None
2310	<p><b>Earth bank and scattered scrub</b>  Bank (with post &amp; wire fence) supporting a lone rowan tree with frequent gorse and abundant bilberry. Frequent springy turf-moss, heath bedstraw and glittering wood-moss. Hard fern present. Associated drainage ditches on both sides supporting sweet grass <i>Glyceria</i> sp. Wider fields improved grassland.</p>	None
2311	<p><b>Earth bank and scattered scrub</b>  Bank (with post &amp; wire fence) with locally dominant gorse and frequent bramble. Intermittent rowan. Wider fields improved grassland.</p>	None
2312	<p><b>Defunct species poor hedgerow with trees</b>  Dominant gorse with soft rush, common grasses and common sorrel beneath. Intermittent rowan. Beside farm lane. Wider fields improved grassland.</p>	None
2313	<p><b>Earth bank and scattered scrub</b>  Bank (with post &amp; wire fence) species poo with locally dominant gorse and associated dry ditch. Wider fields improved grassland.</p>	None
2314	<p><b>Improved grassland with dense scrub</b>  Pole in improved grassland above a shallow linear ravine with a seemingly natural watercourse (running water). Watercourse fenced off with dense willows and intermittent rowan. This feature is consistent with the NIPH – <i>Rivers and streams</i>. This priority habitat extends upslope to the agricultural post &amp; wire fencing.</p> <p>The adjacent unnamed tributary (5m from pole) is consistent with the NIPH Rivers and Streams.</p>	None

Pole	Phase 1 Habitat Type	Protected Species Activity
2315	<p><b>Improved grassland</b> Open improved grassland enclosure. Adjacent water course (as with 2134) is consistent with the NIPH – <i>Rivers and streams</i>. This priority habitat extends upslope to the agricultural post &amp; wire fencing. Willows here are taller, occasional gorse. Up to 8 willows in Construction Corridor and 3 rowans more akin to semi-natural broadleaved woodland. Open to grazing animals along its southern extent. This woodland is not consistent with any NI Priority Woodland Habitat.</p>	None
2316	<p><b>Earth bank and scattered scrub</b> Species poor community on low bank with post &amp; wire fencing. Intermittent gorse with common grassland species including Yorkshire fog, common sorrel and white clover. Wider fields improved grassland.</p>	None
2317	<p><b>Earth bank and scattered scrub</b> Species poor community on low bank with post &amp; wire fencing. Intermittent (unmapped) gorse with common grassland species including Yorkshire fog, common sorrel, white clover with some violet <i>Viola</i> sp. and neat feather-moss. Wider fields improved grassland.</p>	None
2318	<p><b>Dense and scattered scrub – marshy grassland mosaic</b> Habitat a mosaic of gorse and bramble scrub with pockets of marshy grassland supporting soft rush, Yorkshire fog, creeping buttercup community with frequent broadleaved dock, common sorrel with occasional marsh thistle and common ragwort. Grazed by cattle. Enhanced by abandoned lane with unmapped ephemeral/short perennial community (marsh ragwort <i>Senecio aquaticus</i>, willowherb <i>Epilobium</i> spp., lesser spearwort and sharp flowered and/or jointed rush. These communities are not consistent with any NIPH. Also, watercourse (running water) consistent with the NIPH – <i>Rivers and streams</i>.</p>	None
2319	<p><b>Improved grassland</b> Pole on upper bank along farm track. Species poor with post &amp; wire fence. Soft rush, Yorkshire fog and common sorrel.</p>	None
2320	<p><b>Earth bank with scattered scrub</b> Bank supports willows and gorse. Ground flora include bryophytes: glittering wood-moss, springy turf-moss, haircap moss <i>Polytrichum</i> sp. – grasses and herbs: sweet vernal grass, Yorkshire fog, foxglove, heath bedstraw and violet <i>Viola</i> sp. Associated dry ditch on both sides damp in part supporting rush <i>Juncus</i> spp., lesser spearwort and stitchwort <i>Stellaria</i> sp.</p>	None
2321	<p><b>Earth bank with scattered scrub and scattered broadleaved trees</b> Mostly unmanaged gorse at pole. The bank supports frequent foxglove and common sorrel with occasional heath bedstraw, tormentil and catsear with common grasses: sweet vernal grass and Yorkshire fog. Bryophytes include glittering wood-moss, neat feather moss and springy turf-moss. There are ditches on both sides with some shallow running water at the time of survey. Some sweet grass and lesser spearwort where flow is impeded.</p>	None
2322	<p><b>Earth bank with scattered scrub</b> Pole sett located adjacent to earth bank and associated ditch. The ditch had light running water at the time of survey. The wider fields are improved grassland. The bank supports gorse (locally) and hawthorn further west. The ground flora again includes species absent from the adjacent improved fields (such as glittering wood moss, common sorrel and heath bedstraw) and species common to both habitats such as Yorkshire fog and soft rush.</p>	None
UGC 2322 – project site	<p>From pole sett 2322 the cable travels circa 20m through improved grassland down hardstanding farm track alongside an earth bank with species rich hedgerow with trees. Thereafter the proposed cable continues via Crockanboy Road (bare ground) to the project site.</p>	None