

Appendix 5.1 Target Note Survey Results

Table 1 below provides the results surveys completed at target note locations within the proposed Letter Wind Farm Site.

The location of each of the target note locations 1 to 22 is shown on **Figure 5.2** of the **Chapter 4 Terrestrial Ecology**.

Table 1: Details of Target Notes Recorded at the Letter Wind Farm Site

Target note No.	Peat Depth	Description
1	1	<p>Located in a depression associated with a former soil detachment associated with a GSI mapped landslide.</p> <p>Water rising from the underlying peat at the western side of the depression, flowing downslope to the southwest.</p> <p><i>The vegetation is dominated by grazed Molinia caerulea, Calluna vulgaris, Potentilla erecta, Vaccinium myrtillus, Erica tetralix, Pteridium aquilinum, Juncus effusus, Sphagnum recurvum, Sphagnum cuspidatum, Hypnum jutlandicum and Rhytidiadelphus loreus.</i></p>
2	0.5	<p>The vegetation at this location is dominated by <i>Molinia caerulea</i> with <i>Deschampsia flexuosa</i>, <i>Eriophorum vaginatum</i>, <i>Pleurozium schreberi</i>, <i>Juncus squarrosus</i>, <i>Juncus effusus</i>, <i>Hypnum jutlandicum</i>, <i>Potentilla erecta</i>, <i>Calluna vulgaris</i>, <i>Rhytidiadelphus loreus</i>, <i>Vaccinium myrtillus</i> and <i>Polytrichum commune</i>.</p>
3	0.3	<p>This target note is located along a fenceline that separates areas of peatland dominated habitats in the form of wet heath grading to blanket bog to the north and enclosed and managed agricultural grassland to the south.</p> <p>The grassland to the south is comprised of a short-grazed sward of grasses including <i>Poa species</i>, <i>Agrostis species</i>, <i>Anthoxanthum odoratum</i>, <i>Deschampsia flexuosa</i>, with patches of <i>Juncus effusus</i> and <i>Juncus acutiflorus</i> also occurring.</p>
4	1m no refusal	<p>This target note is located in a remaining area of uncut peat that is surrounded by past cuttings. The sward is dominated by tall and leggy <i>Calluna vulgaris</i>. The vegetation at this target note location consists of hummocks with <i>Racomitrium lanuginosum</i> and <i>Sphagnum capillifolium</i> along with <i>Cladonia portentosa</i>, <i>Cladonia uncialis</i>, <i>Narthecium ossifragum</i>, <i>Eriophorum vaginatum</i>, <i>Eriophorum angustifolium</i>, <i>Erica tetralix</i>, <i>Calluna vulgaris</i>, <i>Trichophorum germanicum</i>, <i>Hypnum</i></p>

Target note No.	Peat Depth	Description
		<i>jutlandicum</i> , <i>Rhytidiadelphus loreus</i> and <i>Polytrichum commune</i> .
5	1m no refusal	This target note is located in a cut cell of peat that was historically cut presumably as turbary. Lawns of <i>Sphagnum auriculatum</i> , <i>Sphagnum palustre</i> and <i>Sphagnum subnitens</i> occur along with <i>Trichophorum germanicum</i> , <i>Deschampsia flexuosa</i> , <i>Molinia caerulea</i> , <i>Polytrichum commune</i> , <i>Anthoxanthum odoratum</i> , <i>Calluna vulgaris</i> , <i>Juncus effusus</i> and <i>Rhytidiadelphus loreus</i> .
6	1m no refusal	The vegetation at this location consists of stands of <i>Juncus effusus</i> along with <i>Calluna vulgaris</i> , <i>Molinia caerulea</i> , <i>Deschampsia flexuosa</i> , <i>Erica tetralix</i> , <i>Potentilla erecta</i> , <i>Polytrichum commune</i> , <i>Polytrichum juniperinum</i> , <i>Sphagnum capillifolium</i> , <i>Sphagnum recurvum</i> , <i>Sphagnum auriculatum</i> , <i>Anthoxanthum odoratum</i> and <i>Hypnum jutlandicum</i> .
7	0.5m	This target note is located in an area of wet heath with thinner peat c. 0.5m. a tall sward occurs with <i>Calluna vulgaris</i> , <i>Molinia caerulea</i> , <i>Erica tetralix</i> , <i>Vaccinium myrtillus</i> , <i>Potentilla erecta</i> , <i>Polytrichum commune</i> , <i>Cladonia portentosa</i> , <i>Hypnum jutlandicum</i> , <i>Rhytidiadelphus loreus</i> , <i>Sphagnum subnitens</i> , and <i>Sphagnum capillifolium</i> .
8	1m no refusal	The vegetation at this location is dominated by <i>Calluna vulgaris</i> and <i>Molinia caerulea</i> forming a tall sward along with <i>Erica tetralix</i> , <i>Trichophorum germanicum</i> , <i>Agrostis capillaris</i> , <i>Deschampsia flexuosa</i> , <i>Anthoxanthum odoratum</i> with <i>Rhytidiadelphus loreus</i> and <i>Hypnum jutlandicum</i> dominating the bryophyte layer.
9	1m no refusal	The vegetation at this location is dominated by a tall sward of leggy <i>Calluna vulgaris</i> with <i>Deschampsia flexuosa</i> , <i>Agrostis capillaris</i> , <i>Anthoxanthum odoratum</i> , along with <i>Vaccinium myrtillus</i> , <i>Juncus effusus</i> , <i>Potentilla erecta</i> , <i>Hypnum jutlandicum</i> , <i>Pleurozium schreberi</i> , <i>Rhytidiadelphus loreus</i> , <i>Sphagnum capillifolium</i> and <i>Sphagnum recurvum</i> .
10	1m no refusal	This target note is located on remnant, uncut blanket bog surface surrounding by previous cut peat. The vegetation is dominated by leggy <i>Calluna vulgaris</i> , along with <i>Potentilla erecta</i> , <i>Eriophorum vaginatum</i> , <i>Hypnum jutlandicum</i> , <i>Rhytidiadelphus loreus</i> , <i>Hylocomium splendens</i> and <i>Cladonia portentosa</i> .
11	1m no refusal	This target note is located at the edge of uncut peat. the uncut peat is dominated by leggy <i>Calluna vulgaris</i> with <i>Vaccinium myrtillus</i> , er vac and <i>Potentilla erecta</i> with <i>Hypnum jutlandicum</i> , <i>Hylocomium splendens</i> and <i>Pleurozium schreberi</i> dominating the bryophyte layer. The adjacent cut area is dominated by <i>Juncus effusus</i> and <i>Molinia caerulea</i> with <i>Sphagnum recurvum</i> .

Target note No.	Peat Depth	Description
12	1m no refusal	This target note is located in an area of previously cut peat. the vegetation is dominated by <i>Molinia caerulea</i> and <i>Calluna vulgaris</i> with <i>Deschampsia flexuosa</i> , <i>Anthoxanthum odoratum</i> , <i>Eriophorum vaginatum</i> and occasional <i>Vaccinium myrtillus</i> . The bryophyte layer consists of <i>Sphagnum recurvum</i> , <i>Sphagnum auriculatum</i> , <i>Hypnum jutlandicum</i> , <i>Pleurozium schreberi</i> , <i>Hylocomium splendens</i> and <i>Rhytidiadelphus loreus</i> .
13	1m no refusal	The vegetation is dominated by <i>Molinia caerulea</i> is an area of previously cutover blanket bog. <i>Calluna vulgaris</i> and <i>Eriophorum vaginatum</i> are frequent along with occasional <i>Erica tetralix</i> and <i>Vaccinium myrtillus</i> . <i>Juncus effusus</i> is occasional. the bryophyte layer consists of <i>Sphagnum capillifolium</i> , <i>Sphagnum recurvum</i> , <i>Hypnum jutlandicum</i> and <i>Hylocomium splendens</i> .
14	1m no refusal	The vegetation is dominated by <i>Calluna vulgaris</i> with <i>Erica tetralix</i> , <i>Vaccinium myrtillus</i> , <i>Molinia caerulea</i> and <i>Eriophorum vaginatum</i> occasional to frequent. The bryophyte layer is dominated by pleurocarpus mosses in the form of <i>Hypnum jutlandicum</i> , <i>Rhytidiadelphus loreus</i> , <i>Hylocomium splendens</i> and <i>Pleurozium schreberi</i> .
15	1m no refusal	The vegetation in this area of cutover blanket bog is dominated by <i>Molinia caerulea</i> and <i>Juncus effusus</i> . <i>Sphagnum recurvum</i> and <i>Sphagnum auriculatum</i> dominate the bryophyte layer.
16	1m no refusal	This target note is located towards the edge of an area of uncut remnant blanket bog. Cutover blanket bog is located adjacent to the target note. The sward in the uncut section is dominated by leggy <i>Calluna vulgaris</i> with occasional <i>Erica tetralix</i> and <i>Vaccinium myrtillus</i> . The bryophyte layer here is dominated by pleurocarpus mosses in the form of <i>Hypnum jutlandicum</i> , <i>Rhytidiadelphus loreus</i> and <i>Hylocomium splendens</i> . <i>Cladonia portentosa</i> is occasional.
17	1m no refusal	The vegetation at this location on sloping ground is dominated by <i>Molinia caerulea</i> and <i>Calluna vulgaris</i> . <i>Erica tetralix</i> is occasional along with <i>Eriophorum vaginatum</i> and <i>Vaccinium myrtillus</i> . <i>Pteridium aquilinum</i> , <i>Juncus effusus</i> and scrub in the form of <i>Ulex europeus</i> occurs in the surrounding area. the bryophyte layer consists of pleurocarpus mosses such as <i>Hylocomium splendens</i> , <i>Hypnum jutlandicum</i> and <i>Rhytidiadelphus loreus</i> along with <i>Sphagnum recurvum</i> , <i>Sphagnum auriculatum</i> and <i>Sphagnum capillifolium</i> .
18	1m no refusal	This target note is located in an area of uncut blanket bog occurring between two stands of forestry to the north and south. The ground conditions are soft underfoot and are quaking in places in the surrounding blanket bog. The vegetation consists of <i>Calluna vulgaris</i> , <i>Erica tetralix</i> , <i>Eriophorum vaginatum</i> , <i>Eriophorum angustifolium</i> , <i>Narthecium ossifragum</i> , <i>Drosera rotundifolia</i> , <i>Racomitrium lanuginosum</i> ,

Target note No.	Peat Depth	Description
		<i>Sphagnum capillifolium</i> , <i>Sphagnum papillosum</i> and <i>Sphagnum palustre</i> .
19	1m no refusal	This target note location is situated along the northern boundary of forestry. Bare peat is present throughout as a result of previous forestry planting. The vegetation consists of <i>Calluna vulgaris</i> , <i>Erica tetralix</i> , <i>Juncus effusus</i> , <i>Molinia caerulea</i> , <i>Trichophorum germanicum</i> , <i>Narthecium ossifragum</i> , <i>Eriophorum vaginatum</i> , <i>Anthoxanthum odoratum</i> , <i>Deschampsia flexuosa</i> , <i>Potentilla erecta</i> , <i>Sphagnum capillifolium</i> , <i>Sphagnum recurvum</i> and <i>Sphagnum auriculatum</i> .
20	No Peat - Mineral soil	This target note is located in an area of enclosed agricultural grassland. The sward consists of <i>Juncus effusus</i> , <i>Poa trivialis</i> , <i>Poa pratensis</i> , <i>Anthoxanthum odoratum</i> , <i>Deschampsia flexuosa</i> , <i>Agrostis capillaris</i> , <i>Potentilla erecta</i> , <i>Ranunculus repens</i> , <i>Ranunculus acris</i> , <i>Bellis perennis</i> , <i>Polygala serpyllifolia</i> , <i>Rhytidadelphus loreus</i> and <i>Rhytidadelphus squarrosus</i> .
21	No Peat - Mineral soil	This target note is located in an area of enclosed agricultural grassland. The vegetation consists of a wet grassland sward dominated by <i>Juncus effusus</i> with spreading scrub in the form of <i>Ulex europeus</i> also occurring.
22	No Peat - Mineral soil	This target note is located in an area of enclosed agricultural grassland. The vegetation consists of a wet grassland sward dominated by <i>Juncus effusus</i> with spreading scrub in the form of <i>Ulex europeus</i> also occurring. Stunted <i>Crataegus mongyna</i> are occasional.