

APPENDIX 6.3: TARGET NOTE LOCATIONS

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

The location of each of the target note locations 1 to 77 is shown on Figure 6.2a of the EIAR Biodiversity Chapter. This figure is also reproduced in this Appendix following Table 1.

Table 2 below provides the results of surveys completed for target note location within the proposed peat storage and restoration (habitat enhancement) area.

The location of each of the target note location 1 to 18 is shown on Figure 6.2b of the EIAR Biodiversity Chapter. This figure is also reproduced in this Appendix following Table 2.

Table 1: Tullaghmore Wind Farm Target Note Descriptions

Target Note No.	Peat Depth (m)	Description	Photographic Log
1	>1	<p>Dominated by <i>Eriophorum vaginatum</i>, <i>Eriophorum angustifolium</i>, <i>Calluna vulgaris</i>, <i>Drosera rotundifolia</i>, <i>Sphagnum capillifolium</i>, <i>Narthecium ossifragum</i>, <i>Erica tetralix</i>, <i>Molinia caerulea</i>, <i>Rhynchospora alba</i>, <i>Cladonia portentosa</i> <i>Sphagnum papillosum</i>, <i>Sphagnum cuspidatum</i>, <i>Sphagnum denticulatum</i>, <i>Sphagnum capillifolium</i>, <i>Polytrichum commune</i>.</p> <p>High abundance of <i>Sphagnum</i> and <i>Eriophorum</i> cover with soft and spongy conditions underfoot. The sward is typical of peat forming vegetation. Hummocks are rare at this location and the level ground was inundated during the survey. No bare peat was recorded and blanket bog dominates the surrounding cover.</p>	

RECEIVED: 20/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
2	>1	<p>Dominated by <i>Molinia caerulea</i> and <i>Schoenus nigrans</i>. <i>Eriophorum vaginatum</i>, <i>Eriophorum angustifolium</i>, <i>Myrica gale</i>, <i>Narthecium ossifragum</i>, <i>Pleurozia purpurea</i>, <i>Sphagnum capillifolium</i>, <i>Dicranium major</i>, <i>Dicranium scoparium</i>, <i>Drosera rotundifolia</i> are frequent to abundant. Hummocks occur at this location and are dominated by <i>Calluna vulgaris</i>, <i>Erica tetralix</i>, <i>Cladonia portentosa</i> and <i>Racomitrium lanuginosum</i>.</p> <p>High abundance of <i>Sphagnum</i> and <i>Eriophorum</i> cover with soft and spongy conditions underfoot. The sward is typical of peat forming vegetation. Hummocks occur at this location on otherwise level ground which was inundated during the survey. No bare peat was recorded and blanket bog dominates the surrounding cover.</p>	
3	>1	<p>Dominated by <i>Molinia caerulea</i> and <i>Schoenus nigrans</i> with <i>Erica tetralix</i> and <i>Calluna vulgaris</i> frequent to abundant. <i>Sphagnum capillifolium</i>, <i>Narthecium ossifragum</i>, <i>Eriophorum angustifolium</i>, <i>Eriophorum vaginatum</i>, <i>Racomitrium lanuginosum</i>, <i>Cladonia uncialis</i> and <i>Cladonia portentosa</i> are all frequent. <i>Deschampsia flexuosa</i>, <i>Campylopus atrovirens</i>, <i>Eleocharis multicaulis</i> and <i>Sphagnum denticulatum</i> are occasional.</p> <p>High abundance of <i>Sphagnum</i> and <i>Eriophorum</i> cover with soft and spongy conditions underfoot. The sward is typical of peat forming vegetation. Hummocks occur at this location on otherwise level ground. No bare peat was recorded and blanket bog dominates the surrounding cover. Cattle and sheep dunging was noted at this target note location.</p>	
4	0.2	<p>Dominated by <i>Calluna vulgaris</i> with <i>Erica cinerea</i> and <i>Erica tetralix</i> frequent to abundant. <i>Carex panicea</i>, <i>Carex echinata</i>, <i>Juncus squarrosus</i>, <i>Juncus effusus</i>, <i>Juncus acutiflorus</i>, <i>Juncus bulbosus</i>, <i>Campylopus atrovirens</i>, <i>Hypnum jutlandicum</i>, <i>Pseudoscleropodium purum</i>, <i>Potentilla erecta</i>, <i>Cladonia portentosa</i>, <i>Cladonia uncialis</i>, <i>Narthecium ossifragum</i>, <i>Molinia caerulea</i>, <i>Nardus stricta</i>, <i>Pleurozia purpurea</i>, <i>Eriophorum vaginatum</i>, <i>Eriophorum angustifolium</i>, <i>Rhynchospora alba</i>, <i>Schoenus nigrans</i>, <i>Sphagnum recurvum</i>, <i>Sphagnum denticulatum</i>. <i>Trichophorum germanicum</i></p> <p>Exposed rock occurs at and surrounding this target note location. Ground was firm and dry underfoot. Cattle and sheep dunging was noted.</p>	

RECEIVED: 26/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
5	>1m	<p>Dominated by <i>Schoenus nigrans</i> with <i>Myrica gale</i>, <i>Eriophorum vaginatum</i> and <i>Eriophorum angustifolium</i> abundant. <i>Erica tetralix</i>, <i>Narthecium ossifragum</i>, <i>Molinia caerulea</i>, <i>Carex echinata</i>, <i>Carex nigra</i>, <i>Rhynchospora alba</i> and <i>Cladonia portentosa</i> are frequent. <i>Phragmites australis</i> is occasional in this area. The bryophyte layer is dominated by <i>Sphagnum denticulatum</i>, <i>Sphagnum palustre</i>, <i>Sphagnum papillosum</i>, <i>Sphagnum recurvum</i>. High abundance of <i>Sphagnum</i> and <i>Eriophorum</i> cover with soft and spongy conditions underfoot and quaking in places indicative of poor flush/transition mire. The sward is typical of peat forming vegetation. Hummocks occur at this location on otherwise level ground. No bare peat was recorded and blanket bog dominates the surrounding cover.</p>	
6	>1	<p>Dominated <i>Carex rostrata</i>, <i>Juncus acutiflorus</i> <i>Schoenus nigrans</i>, <i>Myrica gale</i>. <i>Carex panicea</i>, <i>Pedicularis palustre</i>, <i>Carex echinata</i>, <i>Sphagnum recurvum</i>. Dominated by sedges and rush with soft and spongy conditions underfoot and quaking in places indicative of poor flush/transition mire. The sward is typical of peat forming vegetation. Hummocks occur at this location on otherwise level ground. No bare peat was recorded and blanket bog dominates the surrounding cover.</p>	
7	0.4	<p>Dominated by <i>Schoenus nigrans</i>, <i>Eriophorum vaginatum</i>, <i>Eriophorum angustifolium</i> and <i>Narthecium ossifragum</i>. <i>Molinia caerulea</i>, <i>Cladonia portentosa</i>, <i>Calluna vulgaris</i>, <i>Erica tetralix</i> are <i>Carex echinata</i>. <i>Deschampsia flexuosa</i> is occasional while <i>Phragmites australis</i> is rare. In the bryophyte layer <i>Polytrichum commune</i>, <i>Pleurozia purpurea</i>, <i>Sphagnum capillifolium</i>, <i>Breutelia chrysocoma</i> and <i>Aulacomium palustre</i> are all abundant. High abundance of <i>Sphagnum</i> and <i>Eriophorum</i> cover with soft and spongy conditions underfoot. The sward is typical of peat forming vegetation. Hummocks occur at this location on otherwise level ground. No bare peat was recorded and blanket bog dominates the surrounding cover.</p>	

Target Note No.	Peat Depth (m)	Description	Photographic Log
8	>1	<p>Dominated by <i>Molinia caerulea</i> with abundant <i>Eriophorum vaginatum</i> and <i>Eriophorum angustifolium</i>. <i>Calluna vulgaris</i> and <i>Erica tetralix</i> are frequent to abundant. <i>Potentilla erecta</i>, <i>Narthecium ossifragum</i>, <i>Carex echinata</i> and <i>Juncus effusus</i> are occasional. The bryophyte layer is dominated by <i>Sphagnum recurvum</i> with <i>Sphagnum capillifolium</i> and <i>Sphagnum palustre</i> occasional.</p> <p>High abundance of <i>Sphagnum</i> and <i>Eriophorum</i> cover with soft and spongy conditions underfoot. The sward is typical of peat forming vegetation. Hummocks dominated by <i>Calluna vulgaris</i>, <i>Erica tetralix</i> and <i>Racomitrium lanuginosum</i> occur surrounding this location on otherwise level ground. No bare peat was recorded and blanket bog dominates the surrounding cover.</p>	
9	0.4	<p>Dominated by <i>Molinia caerulea</i> with abundant <i>Schoenus nigrans</i>, <i>Eriophorum vaginatum</i> and <i>Eriophorum angustifolium</i> and frequent <i>Trichophorum germanicum</i>. <i>Erica tetralix</i>, <i>Narthecium ossifragum</i> and <i>Cladonia portentosa</i> are occasional. In the bryophyte layer <i>Pleurozia purpurea</i> and <i>Racomitrium lanuginosum</i> are frequent to abundant while <i>Dicranium scoparium</i> is occasional along with <i>Sphagnum recurvum</i> and <i>Sphagnum tenellum</i>.</p> <p>Exposed rock occurs at this target note. Ground conditions underfoot are firm and the underlying peat is shallow representative of a wet heath ridge in an area otherwise dominated by blanket bog.</p>	

RECEIVED: 26/10/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
10	>1	<p>Dominated by <i>Schoenus nigrans</i> and <i>Molinia caerulea</i> and <i>Juncus effusus</i> to the south of the fenceline. <i>Phragmites australis</i> and <i>Myrica gale</i> are frequent to the south of the fenceline. <i>Eriophorum vaginatum</i>, <i>Eriophorum angustifolium</i>, <i>Potentilla erecta</i>, <i>Narthecium ossifragum</i>, <i>Calluna vulgaris</i> are frequent to the north and south of the fenceline. The bryophyte layer to the south is dominated by <i>Sphagnum recurvum</i> under a high sward of the above listed species. The sward is lower to the north of the fenceline and the bryophyte layer is dominated by <i>Sphagnum capillifolium</i>, <i>Sphagnum recurvum</i>, <i>Sphagnum palustre</i> and <i>Sphagnum papillosum</i>. <i>Pleurozia purpurea</i>, <i>Racomitrium lanuginosum</i>, <i>Campylopus atrovirens</i>, <i>Aulacomium palustre</i> and <i>Odontoschisma sphagni</i> are occasional to frequent to the north of the fenceline.</p> <p>The target note is located at a fenceline orientated broadly west, southwest to east, northeast. A gully has formed along the base of the fenceline. Ground conditions are spongy and soft underfoot. The sward is typical of peat forming vegetation. Hummocks occur in the blanket bog to the north of the fenceline. No bare peat was recorded and blanket bog dominates the surrounding cover.</p>	
11	>1	<p>Dominated by tussocks of <i>Molinia caerulea</i> with <i>Schoenus nigrans</i> and <i>Myrica gale</i> abundant. <i>Juncus bulbosus</i> and <i>Eriophorum vaginatum</i> are frequent along with <i>Potentilla erecta</i>, <i>Carex echinata</i>, <i>Carex panicea</i>, <i>Rhynchospora alba</i> and <i>Erica tetralix</i>. <i>Drosera rotundifolia</i> is occasional. <i>Sphagnum denticulatum</i> is dominant in the bryophyte layer along with frequent <i>Sphagnum capillifolium</i>, <i>Racomitrium lanuginosum</i>, <i>Hypnum jutlandicum</i> and <i>Aulacomium palustre</i>.</p> <p>Evidence browsing of vegetation noted that this target note location with dunging also noted. Ground conditions are spongy and soft underfoot. The sward is typical of peat forming vegetation. No bare peat was recorded and blanket bog dominates the surrounding cover.</p>	

RECEIVED: 26/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
12	>1	<p>Dominated Schoenus nigrans with abundant Trichophorum germanicum. Erica tetralix, Rhynchospora alba, Juncus bulbosus, Molinia caerulea, Narthecium ossifragum and Myrica gale are occasional to frequent. Potentilla erecta, Carex echinata and Eleocharis multicaulis are rare to occasional. The bryophyte layer is dominated by Sphagnum recurvum and Sphagnum denticulatum with Sphagnum cuspidatum, Sphagnum capillifolium, Cladonia portentosa and Sphagnum papillosum occurring occasionally to frequently.</p> <p>Ground conditions are spongy and soft underfoot. The sward is typical of peat forming vegetation. Patches of bare peat were recorded at this location.</p>	
13	>1	<p>Dominated by a low sward of Schoenus nigrans, Trichophorum germanicum with occasional Erica tetralix, Calluna vulgaris Rhynchospora alba, Cladonia portentosa, Narthecium ossifragum, Carex echinata, Potentilla erecta, Drosera rotundifolia and Eleocharis multicaulis. In the bryophyte layer Pleurozia purpurea, Hypnum jutlandicum, Breutelia chrysocoma, Sphagnum capillifolium, Sphagnum tenellum, Sphagnum recurvum are frequent to abundant.</p> <p>Exposed rock outcropping at the surface immediately to the east of this target note where the blanket bog habitat underlain by deeper peat gives way to shallow peat and wet heath and exposed siliceous rock habitat. Evidence of grazing and dunging noted at this location.</p>	
14	>1	<p>Dominated by Molinia caerulea with frequent Erica tetralix, Narthecium ossifragum, Cladonia uncialis, Cladonia portentosa, Potentilla erecta, Calluna vulgaris, Polygala serpyllifolia, Schoenus nigrans, Trichophorum germanicum, Carex echinata and Carex panicea. Pleurozia purpurea is frequent in the bryophyte layer with occasional Sphagnum capillifolium and Sphagnum recurvum.</p> <p>Target note location in an area of disturbed vegetation with track rutting evident on the blanket bog surface. Ground conditions are soft and spongy underfoot. Bare peat present at the target note location</p>	

RECEIVED: 26/10/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
15	>1	<p>Dominated by <i>Molinia caerulea</i> with abundant <i>Eriophorum vaginatum</i> and <i>Eriophorum angustifolium</i>. <i>Calluna vulgaris</i>, <i>Erica tetralix</i>, <i>Narthecium ossifragum</i>, <i>Potentilla erecta</i> and <i>Cladonia portentosa</i> are occasional to frequent. <i>Sphagnum denticulatum</i>, <i>Sphagnum recurvum</i>, <i>Campylopus atrovirens</i> and <i>Pleurozia purpurea</i> are occasional.</p> <p>Conditions are spongy and soft underfoot. The sward is typical of peat forming vegetation although the cover of <i>Sphagnum</i> in the bryophyte is low. Patches of bare peat were recorded at this location and sheep thread line paths were also noted.</p>	
16	0.3	<p>Dominated by <i>Molinia caerulea</i>, with occasional <i>Eriophorum vaginatum</i>, <i>Eriophorum angustifolium</i>, <i>Erica tetralix</i>, <i>Trichophorum germanicum</i>, <i>Juncus squarrosus</i>, <i>Carex echinata</i>, <i>Carex panicea</i> and <i>Narthecium ossifragum</i>. The bryophyte layer is dominated by <i>Sphagnum capillifolium</i>, <i>Sphagnum recurvum</i>, <i>Sphagnum denticulatum</i>.</p> <p>This target note location is situated at the based on a slope where the habitat grades from blanket bog to wet heath. The wet heath occurring to the north of this target note location is subject to excessive grazing with erosion of the surface peat layer noted.</p>	
17	0.1	<p>Dominated by <i>Molinia caerulea</i> and <i>Schoenus nigrans</i> with frequent <i>Erica tetralix</i>, <i>Calluna vulgaris</i>, <i>Juncus squarrosus</i>, <i>Trichophorum germanicum</i>, <i>Cladonia portentosa</i>, <i>Cladonia uncialis</i>, <i>Erica cinerea</i>, <i>Potentilla erecta</i> <i>Deschampsia flexuosa</i>, <i>Festuca ovina</i> and <i>Anthoxanthum odoratum</i>. <i>Campylopus atrovirens</i>, <i>Pleurozia purpurea</i> and <i>Sphagnum recurvum</i> are occasional.</p> <p>On thin peat with minor patches of exposed rock and firm ground underfoot. Evidence of grazing noted.</p>	

RECEIVED: 26/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
18	0.6	<p>Dominated by <i>Molinia caerulea</i> with frequent to abundant <i>Schoenus nigrans</i> and <i>Trichophorum germanicum</i>. Frequent <i>Erica tetralix</i>, <i>Narthecium ossifragum</i>, <i>Potentilla erecta</i>, <i>Calluna vulgaris</i>, <i>Rhynchospora alba</i>, <i>Carex echinata</i>, <i>Cladonia portentosa</i>, <i>Cladonia uncialis</i> and <i>Juncus squarrosus</i>. Occasional <i>Deschampsia flexuosa</i> and <i>Festuca ovina</i> <i>Sphagnum recurvum</i>, <i>Sphagnum denticulatum</i>, <i>Sphagnum papillosum</i> and <i>Sphagnum capillifolium</i></p> <p>On a west to east orientated ridge of wet heath on thinner peat. Peat depth increases at this location and moving further east from this target note. Ground was not spongy or soft underfoot. Evidence of grazing and sheep thread line path noted.</p>	
19	0.2	<p>Dominated by <i>Schoenus nigrans</i>, <i>Trichophorum germanicum</i> and <i>Molinia caerulea</i>. <i>Erica tetralix</i>, <i>Narthecium ossifragum</i>, <i>Eriophorum vaginatum</i>, <i>Eriophorum angustifolium</i>, <i>Juncus squarrosus</i>, <i>Pedicularis palustre</i>, <i>Cladonia portentosa</i>, <i>Polygala serpyllifolia</i> and <i>Drosera rotundifolia</i> are all rare to occasional to frequently occurring. <i>Pleurozia purpurea</i>, <i>Sphagnum capillifolium</i>, <i>Sphagnum compactum</i>, <i>Racomitrium lanuginosum</i>, <i>Dicranium scoparium</i> are present in the bryophyte layer.</p> <p>On wet heath habitat with thin peat. Some minor areas of exposed rock noted along with bare peat. Ground conditions were firm underfoot.</p>	
20	0.3	<p>Dominated by <i>Molinia caerulea</i> with <i>Schoenus nigrans</i> is abundant and <i>Erica tetralix</i>, <i>Calluna vulgaris</i>, <i>tri</i> and <i>Eriophorum angustifolium</i> are frequent. <i>Potentilla erecta</i>, <i>Anagallis tenella</i> and <i>Polygala serpyllifolia</i> are occasional. <i>Sphagnum capillifolium</i>, <i>Sphagnum denticulatum</i>, <i>Aulacomium palustre</i> and <i>Breutelia chrysocoma</i> are present in the bryophyte layer.</p> <p>Ground conditions were firm underfoot with thin peat cover noted.</p>	

Target Note No.	Peat Depth (m)	Description	Photographic Log
21	0.7	<p>Dominated by <i>Molinia caerulea</i>, <i>Calluna vulgaris</i>, <i>Erica tetralix</i>, <i>Pleurozia purpurea</i>, <i>Cladonia portentosa</i>, <i>Potentilla erecta</i>, <i>Eriophorum angustifolium</i>, <i>Eriophorum vaginatum</i>, <i>Polygala serpyllifolia</i>, <i>Erica cinerea</i> <i>Narthecium ossifragum</i>. The bryophyte layer is dominated by <i>Sphagnum capillifolium</i> with <i>Sphagnum tenellum</i> and <i>Sphagnum recurvum</i> occasional. <i>Hypnum jutlandicum</i>, <i>Racomitrium lanuginosum</i> and <i>Odontoschisma sphagni</i> are also occasional. On east sloping ground. Ground is firm underfoot and evidence of grazing and dunging was noted. Some patches of exposed rock noted in the vicinity of the target note.</p>	
22	0.7	<p>Dominated by <i>Molinia caerulea</i>, <i>Calluna vulgaris</i>, <i>Trichophorum germanicum</i> with <i>Erica tetralix</i>, <i>Cladonia portentosa</i>, <i>Polygala serpyllifolia</i>, <i>Potentilla erecta</i>, <i>Deschampsia flexuosa</i>, <i>Anthoxanthum odoratum</i>, <i>Festuca ovina</i>, <i>Eriophorum angustifolium</i>, <i>Narthecium ossifragum</i>. The bryophyte layer is dominated by <i>Sphagnum capillifolium</i> with <i>Hypnum jutlandicum</i>, <i>Racomitrium lanuginosum</i> and <i>Odontoschisma sphagni</i> occasional. On east sloping ground. Ground is firm underfoot and evidence of grazing and dunging was noted. Quad bike access rutting noted. Some patches of exposed rock noted in the vicinity of the target note.</p>	
23	0.4	<p>Dominated by <i>Molinia caerulea</i>, <i>Calluna vulgaris</i> and <i>Trichophorum germanicum</i>. <i>Erica tetralix</i>, <i>Erica cinerea</i>, <i>Polygala serpyllifolia</i>, <i>Potentilla erecta</i>, <i>Deschampsia flexuosa</i>, <i>Festuca ovina</i> and <i>Narthecium ossifragum</i>. The bryophyte layer is dominated by <i>Sphagnum capillifolium</i>. <i>Hypnum jutlandicum</i>, <i>Racomitrium lanuginosum</i> and <i>Odontoschisma sphagni</i> are also occasional. On east sloping ground. Ground is firm underfoot and evidence of grazing and dunging was noted. Some patches of exposed rock noted in the vicinity of the target note.</p>	

RECEIVED: 26/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
24	>1	<p>Dominated by <i>Calluna vulgaris</i>, <i>Molinia caerulea</i>, with <i>Trichophorum germanicum</i>, <i>Narthecium ossifragum</i>, <i>Erica tetralix</i>, <i>Erica cinerea</i>, <i>Eriophorum vaginatum</i>, <i>Eriophorum angustifolium</i>, <i>Schoenus nigrans</i>, <i>Cladonia portentosa</i>, <i>Sphagnum papillosum</i>, <i>Sphagnum capillifolium</i>, <i>Sphagnum capillifolium</i>. The bryophyte layer support frequent <i>Hypnum jutlandicum</i>, <i>Odontoschisma sphagni</i>, <i>Pleurozia purpurea</i>, <i>Racomitrium lanuginosum</i>. Evidence of grazing noted. On flat ground between two outcrops of rock broadly to the east and west. Ground was soft underfoot.</p>	
25	0.5	<p>Dominated by <i>Calluna vulgaris</i>, <i>Schoenus nigrans</i>, <i>Molinia caerulea</i>, <i>Trichophorum germanicum</i>, <i>Deschampsia flexuosa</i>, <i>Juncus squarrosus</i>, <i>Cladonia uncialis</i>, <i>Cladonia portentosa</i>, <i>Erica tetralix</i>, <i>Narthecium ossifragum</i>, <i>Potentilla erecta</i> and <i>Pedicularis palustre</i>. The bryophyte layer consists of frequent <i>Racomitrium lanuginosum</i> and <i>Pleurozia purpurea</i> along with occasional <i>Dicranium scoparium</i> and <i>Campylopus atrovirens</i>. Ground is firm underfoot. Evidence of browsing noted.</p>	
26	0.2	<p>Dominated <i>Molinia caerulea</i>, <i>Calluna vulgaris</i>, <i>Schoenus nigrans</i>, <i>Trichophorum germanicum</i>, <i>Juncus squarrosus</i>, <i>Racomitrium lanuginosum</i>, <i>Eriophorum vaginatum</i>, <i>Pedicularis sylvatica</i>, <i>Narthecium ossifragum</i>, <i>Cladonia uncialis</i>, <i>Narthecium ossifragum</i>, <i>Hylocomium splendens</i>, <i>Polytrichum commune</i> and <i>Polytrichum alpinum</i>. On sloping ground and firm underfoot. Evidence of high levels of browsing. Bare peat in the vicinity of this target note and the wider area surrounding it. Eroded wet heath habitat.</p>	

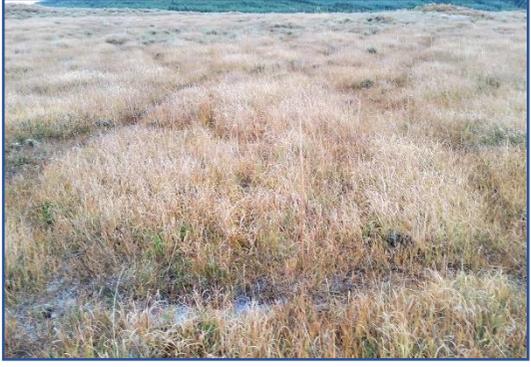
RECEIVED: 26/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
27	0.3	Dominated by sparse cover of <i>Molinia caerulea</i> , <i>Trichophorum germanicum</i> , <i>Juncus squarrosus</i> , <i>Potentilla erecta</i> , <i>Calluna vulgaris</i> , <i>Schoenus nigrans</i> <i>Narthecium ossifragum</i> , <i>Cladonia uncialis</i> , <i>Racomitrium lanuginosum</i> , <i>Polytrichum commune</i> , <i>Polytrichum juniperinum</i> , <i>Pleurozia purpurea</i> and <i>Dicranium scoparium</i> . On sloping ground. Ground conditions are firm underfoot. High levels of grazing with high cover of bare peat. Eroded wet heath habitat.	
28	0.5	Dominated by a grassy sward of <i>Molinia caerulea</i> , <i>Deschampsia flexuosa</i> , <i>Agrostis capillaris</i> , <i>Festuca ovina</i> and <i>Anthoxanthum odoratum</i> . <i>Juncus squarrosus</i> is frequent along with occasional <i>Potentilla erecta</i> , <i>Juncus bulbosus</i> , <i>Narthecium ossifragum</i> , <i>Carex echinata</i> , <i>Carex panicea</i> , and <i>Rhynchospora alba</i> . <i>Polytrichum commune</i> , <i>Polytrichum alpinum</i> , <i>Racomitrium lanuginosum</i> , <i>Dicranium scoparium</i> and <i>Hypnum jutlandicum</i> are occasional to frequent in the bryophyte layer. On sloping ground. Ground conditions are firm underfoot. High levels of grazing with high cover of bare peat. Eroded wet heath habitat.	
29	0.2	Dominated by <i>Molinia caerulea</i> and <i>Schoenus nigrans</i> with frequent to abundant <i>Erica tetralix</i> , <i>Calluna vulgaris</i> , <i>Nardus stricta</i> , <i>Deschampsia flexuosa</i> , <i>Agrostis capillaris</i> and <i>Trichophorum germanicum</i> . <i>Narthecium ossifragum</i> , <i>Cladonia portentosa</i> , <i>Juncus squarrosus</i> , <i>Potentilla erecta</i> , <i>Carex panicea</i> , <i>Carex echinata</i> are occasional to frequent. <i>Polytrichum commune</i> , <i>Polytrichum alpinum</i> and <i>Hylocomium splendens</i> dominate the bryophyte layer. Gully flows downslope at this location. Exposed rock noted at this location. Ground conditions firm underfoot. Evidence of grazing and overgrazing by sheep. Sheep dunging noted.	

RECEIVED 26/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
30	0.7	<p>Dominated by <i>Molinia caerulea</i>, <i>Schoenus nigrans</i>, <i>Erica tetralix</i>, <i>Trichophorum germanicum</i>, <i>Narthecium ossifragum</i>, <i>Calluna vulgaris</i>, <i>Carex panicea</i>, <i>Eriophorum angustifolium</i>, <i>Eriophorum vaginatum</i>, <i>Cladonia portentosa</i>. The bryophyte layer is dominated by <i>Sphagnum</i> species including <i>Sphagnum palustre</i>, <i>Sphagnum papillosum</i> and <i>Sphagnum recurvum</i>. Other bryophytes that are occasional include <i>Pleurozia purpurea</i>, <i>Racomitrium lanuginosum</i>, <i>Hypnum jutlandicum</i> and <i>Odontoschisma sphagni</i>. Outcrops of bedrock occur in the vicinity of this target note location. Located on gently, south facing slope. Ground conditions are firm underfoot. Evidence of grazing and dunging noted at the target note location.</p>	
31	0.5	<p>Dominated by <i>Molinia caerulea</i> and <i>Trichophorum germanicum</i> with <i>Calluna vulgaris</i>, <i>Schoenus nigrans</i> and <i>Erica tetralix</i> frequently occurring. <i>Erica cinerea</i>, <i>Potentilla erecta</i>, <i>Cladonia portentosa</i>, <i>Narthecium ossifragum</i>, <i>Drosera rotundifolia</i>, <i>Eriophorum angustifolium</i> and <i>Juncus squarrosus</i> are occasional. <i>Hypnum jutlandicum</i>, <i>Polytrichum commune</i>, <i>Sphagnum denticulatum</i>, <i>Sphagnum palustre</i>, <i>Sphagnum capillifolium</i>, and <i>Odontoschisma sphagni</i>. Outcrops of bedrock occur in the vicinity of this target note location. Located near base of a south facing slope. Ground conditions are firm underfoot. Evidence of grazing and dunging noted at the target note location.</p>	
32	>1	<p>Dominated by <i>Molinia caerulea</i>, <i>Erica tetralix</i>, <i>Potentilla erecta</i>, <i>Eriophorum angustifolium</i>, <i>Eriophorum vaginatum</i>, <i>Cladonia portentosa</i>, <i>Calluna vulgaris</i>, <i>Polygala serpyllifolia</i>, <i>Racomitrium lanuginosum</i>. <i>Sphagnum capillifolium</i>, <i>Sphagnum subnitens</i>, <i>Pleurozia purpurea</i>, <i>Hypnum jutlandicum</i>, <i>Campylopus atrovirens</i>. On flat ground. Ground conditions are soft underfoot. High abundance of typical peat-forming vegetation. Limited bare peat was recorded and blanket bog dominates the surrounding cover.</p>	

RECEIVED: 26/01/2023

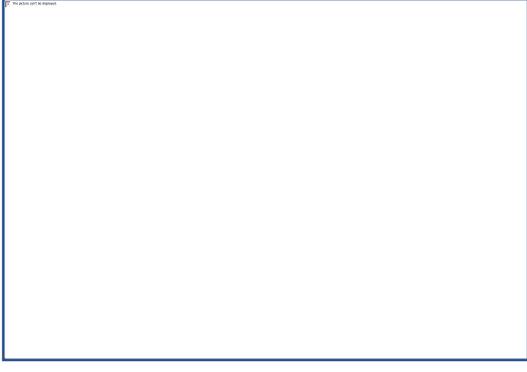
Target Note No.	Peat Depth (m)	Description	Photographic Log
33	>1	Dominated by <i>Schoenus nigrans</i> with abundant <i>Molinia caerulea</i> . <i>Narthecium ossifragum</i> , <i>Erica tetralix</i> , <i>Cladonia portentosa</i> , <i>Cladonia uncialis</i> , <i>Campylopus atrovirens</i> , <i>Juncus squarrosus</i> , <i>Eriophorum vaginatum</i> , <i>Carex echinata</i> , <i>Trichophorum germanicum</i> and <i>Potentilla erecta</i> are frequent. Low cover of sphagnum on the ground that has been subject to disturbance. Bare peat occurring at and surrounding the target note location. On flat ground with soft ground underfoot.	
34	>1	Dominated by <i>Molinia caerulea</i> , with abundant <i>Schoenus nigrans</i> and <i>Trichophorum germanicum</i> . <i>Calluna vulgaris</i> , <i>Cladonia portentosa</i> , <i>Cladonia uncialis</i> , <i>Erica tetralix</i> , <i>Narthecium ossifragum</i> , <i>Eriophorum vaginatum</i> , <i>Eriophorum angustifolium</i> , <i>Carex echinata</i> and <i>Carex panicea</i> are frequent. Bryophyte layer is dominated by <i>Sphagnum</i> species with <i>Sphagnum palustre</i> , <i>Sphagnum papillosum</i> , <i>Sphagnum capillifolium</i> occurring. <i>Odontoschisma sphagni</i> , <i>Scapania gracilis</i> , <i>Pleurozia purpurea</i> , <i>Hypnum jutlandicum</i> and <i>Racomitrium lanuginosum</i> are occasional in the bryophyte layer. On flat ground with soft ground underfoot. Evidence of grazing and dunging noted.	
35	0.3	Vegetation consists of frequent to abundant <i>Calluna vulgaris</i> , <i>Erica tetralix</i> , <i>Trichophorum germanicum</i> , <i>Schoenus nigrans</i> , <i>Nardus stricta</i> , <i>Deschampsia flexuosa</i> along with occasional to frequent <i>Narthecium ossifragum</i> , <i>Drosera rotundifolia</i> , <i>Juncus effusus</i> , <i>Juncus squarrosus</i> , <i>Pedicularis sylvatica</i> , <i>Potentilla erecta</i> and <i>Carex echinata</i> . The bryophyte layer supports a mix of occasional <i>Campylopus atrovirens</i> , <i>Pleurozia purpurea</i> , <i>Dicranium scoparium</i> , <i>Odontoschisma sphagni</i> , <i>Breutelia chrysocoma</i> , <i>Aulacomium palustre</i> and <i>Polytrichum commune</i> . An area of thinner peat occurs at this location with exposed rock in the surrounding area. Ground conditions are firm underfoot. Bare peat is present. The area is representative of wet heath with exposed siliceous rock.	

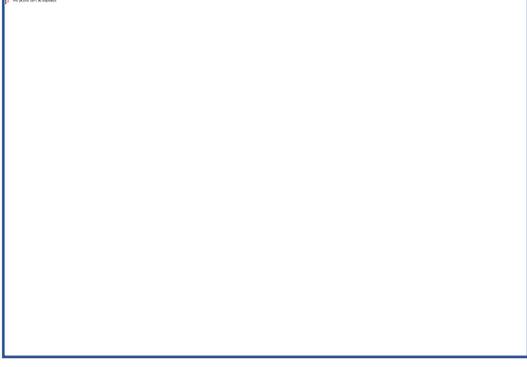
RECEIVED: 26/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
36	>1	Dominated by <i>Schoenus nigrans</i> , <i>Molinia caerulea</i> and <i>Calluna vulgaris</i> . <i>Myrica gale</i> , <i>Erica tetralix</i> , <i>Potentilla erecta</i> <i>Carex panicea</i> , <i>Carex echinata</i> , <i>Narthecium ossifragum</i> , <i>Drosera rotundifolia</i> . The bryophyte layer is dominated by <i>Sphagnum capillifolium</i> , <i>Sphagnum denticulatum</i> , <i>Sphagnum papillosum</i> and <i>Sphagnum palustre</i> . On flat ground with firm peat underfoot. No bare peat noted. High abundance of typical peat-forming vegetation.	
37	>1	Dominated by <i>Eriophorum vaginatum</i> , <i>Eriophorum angustifolium</i> , <i>Schoenus nigrans</i> , <i>Molinia caerulea</i> with frequent <i>Erica tetralix</i> , <i>Calluna vulgaris</i> , <i>Narthecium ossifragum</i> , <i>Cladonia portentosa</i> , <i>Carex echinata</i> , <i>Carex panicea</i> , <i>Potentilla erecta</i> and <i>Pedicularis palustre</i> . The bryophyte layer is dominated by <i>Sphagnum capillifolium</i> , <i>Pleurozia purpurea</i> and <i>Polygala serpyllifolia</i> . Ground conditions are soft underfoot. On flat ground. The sward is dominated by peat-forming vegetation.	
38	0.4	Area of cutover blanket bog. Previous cut peat is vegetated with a sward of <i>Schoenus nigrans</i> , <i>Trichophorum germanicum</i> , <i>Narthecium ossifragum</i> , <i>Molinia caerulea</i> , <i>Juncus squarrosus</i> , <i>Juncus effusus</i> , <i>Deschampsia flexuosa</i> , <i>Carex panicea</i> , <i>Carex echinata</i> , <i>Carex nigra</i> along with <i>Sphagnum recurvum</i> , <i>Sphagnum denticulatum</i> and <i>Sphagnum palustre</i> . Bare peat is present throughout. Water drains from the cut cell to the existing access track bounding the Owenwee River.	

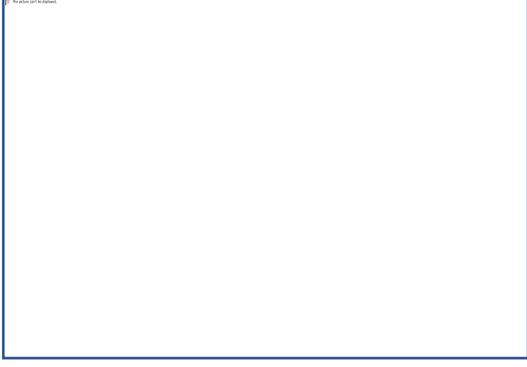
RECEIVED: 26/07/2023

RECEIVED: 26/01/2023

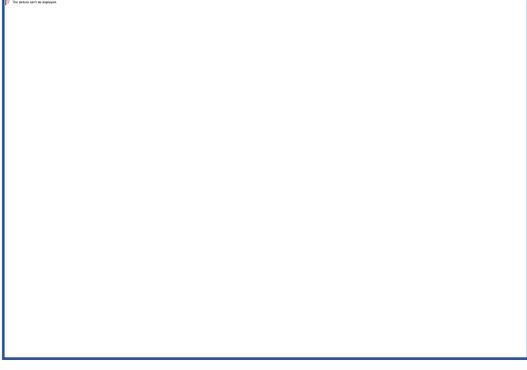
Target Note No.	Peat Depth (m)	Description	Photographic Log
39	0	Area of cutover blanket bog disturbed by ongoing grazing by cattle. Sparse ruderal grassland vegetation occurring on existing spoil and bare peat cover. Cut cells of previous turbary activity occurring in the surrounding area.	
40	0	Along the existing access track at the eastern boundary of the Site. The riparian bankside on the east side of the track is dominated by <i>Ulex europaeus</i> with some <i>Betula pubescens</i> , <i>Prunus spinosa</i> and <i>Crataegus mongyna</i> also occurring.	
41	>1m	Dominated by <i>Schoenus nigrans</i> , <i>Trichophorum germanicum</i> , <i>Eriophorum vaginatum</i> , and <i>Eriophorum angustifolium</i> along with frequent <i>Narthecium ossifragum</i> , <i>Rhynchospora alba</i> , <i>Drosera rotundifolia</i> , <i>Erica tetralix</i> , <i>Calluna vulgaris</i> , <i>Deschampsia flexuosa</i> , and <i>Anthoxanthum odoratum</i> . <i>Sphagnum recurvum</i> lawns along with <i>Sphagnum palustre</i> . High grazing intensity at this location. Cattle dunging noted throughout the vicinity of the target note location. On gently esst sloping ground. Firm underfoot and patches of bare peat present. In an area of previously cutover blanket bog.	

Target Note No.	Peat Depth (m)	Description	Photographic Log
42	0.6	<p>Cut cell of peat dominated by <i>Eriophorum vaginatum</i>, <i>Eriophorum angustifolium</i>, and <i>Schoenus nigrans</i> with frequent <i>Calluna vulgaris</i>, <i>Erica tetralix</i>, <i>Narthecium ossifragum</i>, <i>Rhynchospora alba</i>, <i>Trifolium pratense</i>, <i>Anthoxanthum odoratum</i>, <i>Deschampsia flexuosa</i>, <i>Festuca ovina</i>, <i>Drosera rotundifolia</i> and <i>Cladonia</i> spp. <i>Aulacomium palustre</i>, <i>Sphagnum capillifolium</i>, <i>Sphagnum palustre</i> are frequent in the bryophyte layer. In a cut cell from past turbary activity, now revegetated. Preferential drainage path along the base of the cut bank. Ground conditions variable, being soft underfoot near the face bank while firm on the drier uncut peat surrounding the cutting.</p>	
43	>1	<p>Dominated by <i>Schoenus nigrans</i>, <i>Trichophorum germanicum</i> and abundant <i>Rhynchospora alba</i>. <i>Calluna vulgaris</i>, <i>Erica tetralix</i>, <i>Myrica gale</i>, <i>Drosera rotundifolia</i>, <i>Narthecium ossifragum</i>, <i>Eriophorum vaginatum</i>, <i>Juncus squarrosus</i>, <i>Molinia caerulea</i> and <i>Vaccinium myrtillus</i> are frequent <i>Pleurozium purpurea</i>, <i>Sphagnum tenellum</i>, <i>Sphagnum cuspidatum</i>, <i>Sphagnum auriculatum</i> are frequent in the bryophyte layer.</p> <p>At the base of a south facing slope of an east to west orientated “ridge” dominated by thin peat and wet heath. At the target note location ground conditions are soft underfoot and the sward is dominated by peat-forming vegetation. The habitat at this location is representative of lowland blanket bog.</p>	
44	>1	<p>Dominated by <i>Molinia caerulea</i> with abundant <i>Schoenus nigrans</i>, <i>Eriophorum vaginatum</i> and <i>Rhynchospora alba</i>. <i>Vaccinium myrtillus</i>, <i>Calluna vulgaris</i>, <i>Myrica gale</i>, <i>Erica tetralix</i>, <i>Drosera rotundifolia</i> and <i>Potentilla erecta</i> are occasional to frequent. <i>Sphagnum auriculatum</i> and <i>Sphagnum palustre</i> dominate the bryophyte layer with <i>Sphagnum capillifolium</i> and <i>Pleurozia purpurea</i> occurring occasionally.</p> <p>On soft ground over deep peat. Hummocks occur in the surrounding area. No evidence of excess grazing noted. The sward is dominated by peat-forming vegetation. The habitat at this location is representative of lowland blanket bog.</p>	

RECEIVED: 26/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
45	>1	<p>Dominated by <i>Eriophorum vaginatum</i>, <i>Molinia caerulea</i>, <i>Deschampsia flexuosa</i> and <i>Schoenus nigrans</i>. <i>Rhynchospora alba</i> is abundant along with frequently occurring <i>Myrica gale</i>, <i>Potentilla erecta</i>, <i>Vaccinium myrtillus</i>, <i>Erica tetralix</i>, <i>Narthecium ossifragum</i>, <i>Drosera rotundifolia</i>.and <i>Calluna vulgaris</i>. <i>Sphagnum cuspidatum</i> dominates the bryophyte layer. On soft ground at the base of a east/southeast facing slope, which gives way to thinner peat and wet heath conditions to the west. The target note location is situated on deep peat and the sward is characterised by peat-forming vegetation. This location is representative of lowland blanket bog habitat.</p>	
46	0.1	<p>Dominated by grasses with <i>Festuca ovina</i>, <i>Agrostis capillaris</i>, <i>Deschampsia flexuosa</i>, <i>Anthoxanthum odoratum</i> being dominant along with rarely occurring <i>Nardus stricta</i>. <i>Rhytidiadelphus squarrosus</i>, <i>Juncus squarrosus</i>, <i>Juncus effusus</i>, <i>Juncus acutiflorus</i>, <i>Potentilla erecta</i>, <i>Calluna vulgaris</i> and <i>Erica tetralix</i> are occasional. The target note location is situated on a “ridge” of dry heath habitat that is orientated broadly east to west.</p>	
47	>1	<p>Dominated by <i>Schoenus nigrans</i> with abundant <i>Rhynchospora alba</i> and <i>Eriophorum vaginatum</i>. <i>Erica tetralix</i>, <i>Narthecium ossifragum</i>, <i>Anthoxanthum odoratum</i>, <i>Drosera rotundifolia</i>, <i>Cladonia uncialis</i> and <i>Cladonia portentosa</i> are frequent. The bryophyte layer is dominated by <i>Sphagnum</i> species with <i>Sphagnum rubellum</i>, <i>Sphagnum capillifolium</i>, <i>Sphagnum palustre</i> and <i>Sphagnum papillosum</i>. <i>Pleurozium purpurea</i> is occasional.</p> <p>This area of the site is grazed by 20 cattle and 120 sheep. At the target note location conditions are depicted by an area of flat ground making up the base of a saddle between two “ridges” of dry heath to the southwest and north/northeast. The target note location is situated at the edge of a flushed location where the ground was noted to be quaking underfoot. The peat is deep and the sward is dominated by peat-forming vegetation. The habitat is representative of lowland blanket bog/poor flush.</p>	

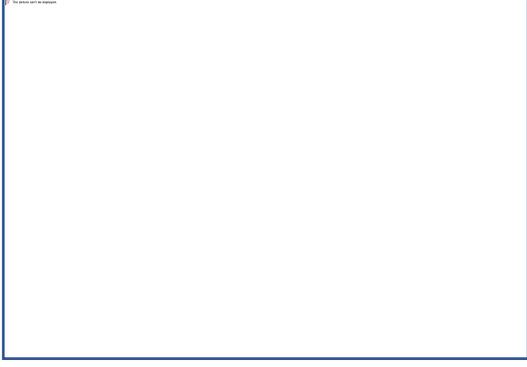
RECEIVED: 26/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
48	0.1	<p>Dominated by <i>Juncus effusus</i>, <i>Erica tetralix</i>, <i>Erica cinerea</i> and <i>Calluna vulgaris</i> with abundant <i>Juncus squarrosus</i>, <i>Anthoxanthum odoratum</i>, <i>Agrostis capillaris</i> and <i>Deschampsia flexuosa</i>. <i>Eriophorum vaginatum</i>, <i>Eriophorum angustifolium</i>, <i>Potentilla erecta</i>, <i>Rhytidiadelphus squarrosus</i> are occasional. The regionally restricted species <i>Daboecia cantabrica</i> occurs occasionally to frequently at this location.</p> <p>The target note location is situated on a dry heath “ridge” that is underlain by thin peat cover. This area of dry heath, as well as others that outcrop from the surrounding blanket bog in the surrounding area are preferentially used by livestock. High amounts of dunging by both cattle and sheep was noted at this location.</p>	
49	>1	<p>Dominated by <i>Molinia caerulea</i> and <i>Schoenus nigrans</i> with frequent <i>Eriophorum vaginatum</i> and <i>Erica tetralix</i> and occasional <i>Calluna vulgaris</i> and <i>Cladonia portentosa</i>. the bryophyte layer is dominated by <i>Sphagnum</i> species with <i>Sphagnum capillifolium</i>, <i>Sphagnum palustre</i>, <i>Sphagnum papillosum</i> and <i>Sphagnum subnitens</i> all occurring.</p> <p>On a flat area of ground with a dry heath outcrop occurring further west (see photo) and immediately to the north of this location. Ground conditions were firm underfoot, overlying deep peat. No obvious signs of grazing pressure noted. The sward is typical of peat forming vegetation. The target note location is situated in an area representative of lowland blanket bog habitat.</p>	
50	0.1	<p>Dry heath outcrop orientated east to west. <i>Juncus squarrosus</i> and <i>Erica cinerea</i> are abundant along with abundant <i>Molinia caerulea</i>, <i>Agrostis capillaris</i>, <i>Festuca ovina</i> and <i>Deschampsia flexuosa</i>. <i>Pleurozium purpurea</i> is occasional.</p>	

RECEIVED: 26/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
51	>1	<p>Dominated by <i>Molinia caerulea</i> with abundant <i>Schoenus nigrans</i>. <i>Vaccinium myrtillus</i>, <i>Eriophorum vaginatum</i>, <i>Calluna vulgaris</i>, <i>Erica tetralix</i> are frequent while <i>Drosera rotundifolia</i>, <i>Cladonia portentosa</i> and <i>Rhynchospora alba</i> are occasional. The bryophyte layer is dominated by <i>Sphagnum</i> species with <i>Sphagnum capillifolium</i>, <i>Sphagnum papillosum</i>, <i>Sphagnum auriculatum</i> occurring. <i>Pleurozia purpurea</i> is frequent.</p> <p>On flat ground with a dry heath ridge rising to the west. the target note location is situated on an area of deep peat. The ground was firm underfoot. The sward is typical of peat forming vegetation. The target note location is situated in an area representative of lowland blanket bog habitat.</p>	
52	>1m	<p>Dominated <i>Trichophorum germanicum</i> with abundant <i>Narthecium ossifragum</i>, and <i>Rhynchospora alba</i> and frequent <i>Erica tetralix</i>, <i>Carex echinata</i>, <i>Cladonia portentosa</i>, <i>Potentilla erecta</i> and <i>Drosera rotundifolia</i>. The bryophyte layer supports frequent <i>Pleurozium schreberi</i>, <i>Racomitrium lanuginosum</i>, <i>Pleurozium purpurea</i>, <i>Sphagnum papillosum</i>, <i>Sphagnum cuspidatum</i>.</p> <p>The target note location is located in a depression between an area of wet heath to the east and west. Signs of quad bike tracks were noted at the target note location. The sward is typical of peat forming vegetation. The target note location is situated in an area representative of lowland blanket bog habitat.</p>	
53	0.45	<p>Eroded sward with high levels of bare peat at the surface. Exposed siliceous rock occurs at the target note location. Vegetation is dominated by <i>Anthoxanthum odoratum</i>, <i>Festuca ovina</i>, <i>Juncus squarrosus</i>, <i>Juncus bulbosus</i> with occasional <i>Rhynchospora alba</i>, <i>Erica tetralix</i>, <i>Calluna vulgaris</i>, <i>Schoenus nigrans</i>, <i>Carex echinata</i>, <i>Potentilla erecta</i> and <i>Narthecium ossifragum</i>.</p> <p>The target note location occurs on an area of thin peat that has been eroded. Excessive grazing noted with high levels of sheep dunging. The habitat at this location is representative of wet heath/exposed siliceous rock.</p>	

RECEIVED: 26/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
54	0.2	<p>Dominated by <i>Molinia caerulea</i> with abundant <i>Erica tetralix</i> and <i>Calluna vulgaris</i>. <i>Trichophorum germanicum</i>, <i>Potentilla erecta</i> and <i>Juncus squarrosus</i> are frequent. <i>Rhytidiadelphus squarrosus</i>, <i>Sphagnum capillifolium</i>, <i>Hypnum jutlandicum</i> and <i>Hylocomium splendens</i> are frequent in the bryophyte layer. Exposed siliceous rock occurs frequent in the vicinity of the target note location.</p> <p>On steep sloping ground. Sheep dung noted at this target note location.</p>	
55	00.0 – 0.8	<p>Near the summit of Ceapach na Lara Baine. Variable peat depth in area with exposed rock and pockets of deeper peat. High levels of sheep dunging noted at the target note location. The vegetation consists of <i>Nardus stricta</i>, <i>Calluna vulgaris</i>, <i>Molinia caerulea</i>, <i>Anthoxanthum odoratum</i>, <i>Potentilla erecta</i>, <i>Erica tetralix</i> forming a low sward. Bare peat and exposed siliceous rock are frequent features in the area surrounding the target note location.</p>	
56	0.2	<p>Dominated by <i>Trichophorum germanicum</i> and <i>Schoenus nigrans</i> with frequent <i>Erica tetralix</i> and <i>Narthecium ossifragum</i>. The bryophyte includes frequent <i>Racomitrium lanuginosum</i>, <i>Pleurozium purpurea</i>, <i>Cladonia uncialis</i>, <i>Sphagnum subnitens</i>, <i>Sphagnum capillifolium</i>. The sward at this location is low occurring over firm and shallow peat. exposed siliceous rock occurs in the area surrounding this target note location. Sheep dung noted at the target note location, which is situated in an area of wet heath and exposed siliceous rock.</p>	

RECEIVED: 26/01/2023

RECEIVED: 26/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
57	>1	<p>Dominated by <i>Calluna vulgaris</i> and <i>Erica tetralix</i>, with <i>Trichophorum germanicum</i> abundant. <i>Vaccinium myrtillus</i>, <i>Narthecium ossifragum</i>, <i>Molinia caerulea</i>, <i>Schoenus nigrans</i>, <i>Drosera rotundifolia</i> and <i>Cladonia portentosa</i> are frequently occurring. The bryophyte layer supports frequently occurring <i>Sphagnum capillifolium</i>, <i>Sphagnum papillosum</i>, <i>Sphagnum palustre</i>, <i>Pleurozium purpurea</i>, <i>Pleurozium schreberi</i> and <i>Hypnum jutlandicum</i>.</p> <p>The sward at this location is low occurring over firm and shallow peat. exposed siliceous rock occurs in the area surrounding this target note location. Sheep dung noted at the target note location, which is situated in an area of wet heath and exposed siliceous rock.</p>	
58	0.5	<p>Dominated by <i>Trichophorum germanicum</i> and <i>Molinia caerulea</i>. <i>Narthecium ossifragum</i>, <i>Calluna vulgaris</i>, <i>Schoenus nigrans</i>, <i>Eriophorum vaginatum</i>, <i>Cladonia uncialis</i>, <i>Cladonia portentosa</i>, <i>Sphagnum capillifolium</i> and <i>Pleurozium purpurea</i>.</p> <p>The ground is flat at this location and is underlain by thin peat. Ground was firm underfoot. The habitat at this location is representative of wet heath.</p>	
59	0.3	<p>Dominated by <i>Molinia caerulea</i> with abundant <i>Eriophorum vaginatum</i>, <i>Trichophorum germanicum</i>, <i>Schoenus nigrans</i> and <i>Calluna vulgaris</i>. <i>Erica tetralix</i>, <i>Cladonia uncialis</i>, and <i>Narthecium ossifragum</i> occasional to frequent. <i>Pleurozium purpurea</i> and <i>Sphagnum capillifolium</i> frequent in the bryophyte layer.</p> <p>The ground is firm underfoot and relatively flat. Outcrops of exposed siliceous rock occur in the wider area surrounding the target note location. The habitat at this location is representative of wet heath.</p>	

Target Note No.	Peat Depth (m)	Description	Photographic Log
60	>1	<p>Dominated by <i>Molinia caerulea</i> and <i>Schoenus nigrans</i>. <i>Rhynchospora alba</i>, <i>Erica tetralix</i>, <i>Calluna vulgaris</i>, <i>Eriophorum vaginatum</i> and <i>Trichophorum germanicum</i> are frequent. <i>Pleurozium purpurea</i>, <i>Sphagnum palustre</i> and <i>Sphagnum papillosum</i> are frequent in the bryophyte layer.</p> <p>The ground is firm underfoot and relatively flat. Location on an area of deeper peat with typical peat-forming vegetation dominating the sward.</p>	
61	>1	<p>Dominated by <i>Molinia caerulea</i> and <i>Schoenus nigrans</i>. <i>Erica tetralix</i>, <i>Calluna vulgaris</i>, <i>Myrica gale</i>, <i>Rhynchospora alba</i> and <i>Trichophorum germanicum</i> are occasional to frequent. <i>Pleurozium purpurea</i>, <i>Sphagnum capillifolium</i> and <i>Sphagnum papillosum</i> are frequent.</p> <p>The ground is soft underfoot on flat ground and underlain by deep peat. The sward is dominated by typical peat-forming vegetation. The habitat at this location is representative of lowland blanket bog.</p>	
62	>1	<p>Dominated by <i>Molinia caerulea</i>, with frequent <i>Myrica gale</i>, <i>Menyanthes trifoliata</i>, <i>Vaccinium myrtillus</i>, <i>Erica tetralix</i>, <i>Carex echinata</i> and <i>Carex cinerea</i>. The bryophyte layer is dominated by <i>Sphagnum cuspidatum</i>, <i>Sphagnum palustre</i>, <i>Sphagnum auriculatum</i>.</p> <p>Soft and quaking ground underfoot with water noted at the surface. At the edge of poor flush and lowland blanket bog.</p>	

RECEIVED: 26/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
63	0.1	<p>Dominated low cropped sward of acidic grasses including <i>Agrostis capillaris</i>, <i>Festuca ovina</i>, <i>Anthoxanthum odoratum</i>, <i>Deschampsia flexuosa</i> along with frequent <i>Nardus stricta</i>, <i>Potentilla erecta</i>, <i>Narthecium ossifragum</i> and <i>Juncus squarrosus</i>. <i>Hylocomium splendens</i>, <i>Pleurozium schreberi</i> and <i>Sphagnum tenellum</i> are occasional to frequent in the bryophyte layer.</p> <p>Area subject to high levels of livestock grazing with evidence of surface erosion. On thin peat on west facing sloping ground. The sward is representative of a heavily grazed acid grassland habitat.</p>	
64	>1	<p>Dominated by <i>Eriophorum vaginatum</i>, <i>Deschampsia flexuosa</i> and <i>Schoenus nigrans</i> with frequent <i>Erica tetralix</i> and occasional <i>Cladonia</i> species. <i>Sphagnum palustre</i>, <i>Sphagnum capillifolium</i>, <i>Racomitrium lanuginosum</i>, <i>Pseudoscleropodium purum</i> are occasional to frequent in the bryophyte layer.</p> <p>The ground is soft underfoot. Bare peat present at the surface with poaching of the surface by livestock. Livestock overgrazing noted at this location in an area of degraded lowland blanket bog.</p>	
65	>1	<p>Dominated by <i>Molinia caerulea</i>, with abundant <i>Trichophorum germanicum</i>, <i>Erica tetralix</i>, <i>Cladonia portentosa</i> and <i>Narthecium ossifragum</i> on deep peat. <i>Sphagnum</i> species in the form of <i>Sphagnum capillifolium</i>, <i>Sphagnum recurvum</i>, <i>Sphagnum denticulatum</i>, and <i>Sphagnum palustre</i> are frequent along with occasional to frequent <i>Pleurozium purpurea</i>,</p> <p>On gentle south facing slope which rises to the north where the habitat changes to wet heath and exposed siliceous rock. The habitat at this location is representative of lowland blanket bog. The ground was firm underfoot and this vegetation is subject to high grazing pressure. Bare peat is evident at and surrounding this target note location.</p>	

RECEIVED 26/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
66	>1	<p>Dominated by <i>Molinia caerulea</i> and patches of <i>Juncus effusus</i> and <i>Juncus acutiflorus</i> with frequent <i>Schoenus nigrans</i>, <i>Eriophorum vaginatum</i>, <i>Deschampsia flexuosa</i>, <i>Erica tetralix</i> and <i>Calluna vulgaris</i>. <i>Narthecium ossifragum</i>, <i>Potentilla erecta</i> and <i>Drosera rotundifolia</i> are occasional. The bryophyte layer is dominated by <i>Sphagnum capillifolium</i> and <i>Sphagnum recurvum</i> with <i>Pleurozia purpurea</i> rare.</p> <p>The target note location is located at fenceline that marks a folio boundary. Evidence of grazing pressure to the north of the fenceline. The ground is firm underfoot on flat ground, overlying deep peat. The habitat at this target note location is representative of lowland blanket bog.</p>	
67	0.3	<p>Dominated by <i>Juncus squarrosus</i>, <i>Erica tetralix</i>, <i>Narthecium ossifragum</i>, <i>Deschampsia flexuosa</i>, <i>Anthoxanthum odoratum</i>, <i>Nardus stricta</i>, <i>Agrostis capillaris</i> with exposed siliceous rock and bare peat occurring.</p> <p>Ground condition is firm underfoot and is underlain by shallow peat with exposed siliceous rock evident at the surface. Evidence of grazing pressure with bare peat and dunging present. Representative of wet heath and exposed siliceous rock habitat.</p>	
68	0.3	<p>Dominated by <i>Molinia caerulea</i> with abundant <i>Schoenus nigrans</i>. <i>Erica tetralix</i> and <i>Calluna vulgaris</i> are frequent. <i>Deschampsia flexuosa</i> and <i>Juncus squarrosus</i> are occasional along with rare to occasional <i>Eriophorum vaginatum</i>. <i>Potentilla erecta</i> is occasional. Bryophyte layer is dominated by <i>Hypnum jutlandicum</i> and <i>Hylocomium splendens</i>.</p> <p>On firm ground over shallow peat. Evidence of grazing at the target note location with sheep dunging noted along with patches of bare peat. the target note location is situated on an east to west orientated “ridge” of wet heath habitat.</p>	

RECEIVED: 26/01/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
69	0.4	<p>Dominated by <i>Molinia caerulea</i> and <i>Calluna vulgaris</i> with frequent to abundant <i>Trichophorum germanicum</i> and <i>Schoenus nigrans</i>. <i>Erica tetralix</i> is frequent. <i>Sphagnum capillifolium</i> dominates the bryophyte layer along with occasional <i>Racomitrium lanuginosum</i> and <i>Hypnum jutlandicum</i>.</p> <p>On thin peat at an elevated position. Sloping ground to the southwest. Exposed siliceous rock present in the surrounding area. The target note location is situated in an area of wet heath and exposed siliceous rock.</p>	
70	0.3	<p>Dominated by <i>Molinia caerulea</i> and <i>Calluna vulgaris</i> with <i>Eriophorum vaginatum</i>, <i>Juncus squarrosus</i>, <i>Schoenus nigrans</i>, <i>Erica tetralix</i>, <i>Cladonia portentosa</i>, <i>Trichophorum germanicum</i> and <i>Potentilla erecta</i> occasional to frequent. The bryophyte layer is dominated by <i>Hypnum jutlandicum</i>, <i>Hylocomium splendens</i>, <i>Pleurozium schreberi</i> with occasional <i>Sphagnum capillifolium</i>.</p> <p>On southwest facing slope with Lough Tawnaghbeg shown in the top left background. On firm ground underlain by thin peat. exposed siliceous rock occurs in the surrounding area. On wet heath habitat with exposed siliceous rock.</p>	
71	0.1	<p>Dominated by stands of <i>Juncus effusus</i> occurring in an otherwise low cropped sward of improved acid grassland with <i>Agrostis capillaris</i>, <i>Holcus lanatus</i>, <i>Festuca ovina</i> and <i>Anthoxanthum odoratum</i>. <i>Hylocomium splendens</i> <i>Pleurozium schreberi</i> occur in the bryophyte layer. Heavily grazed by sheep.</p>	

RECEIVED: 26/01/2023

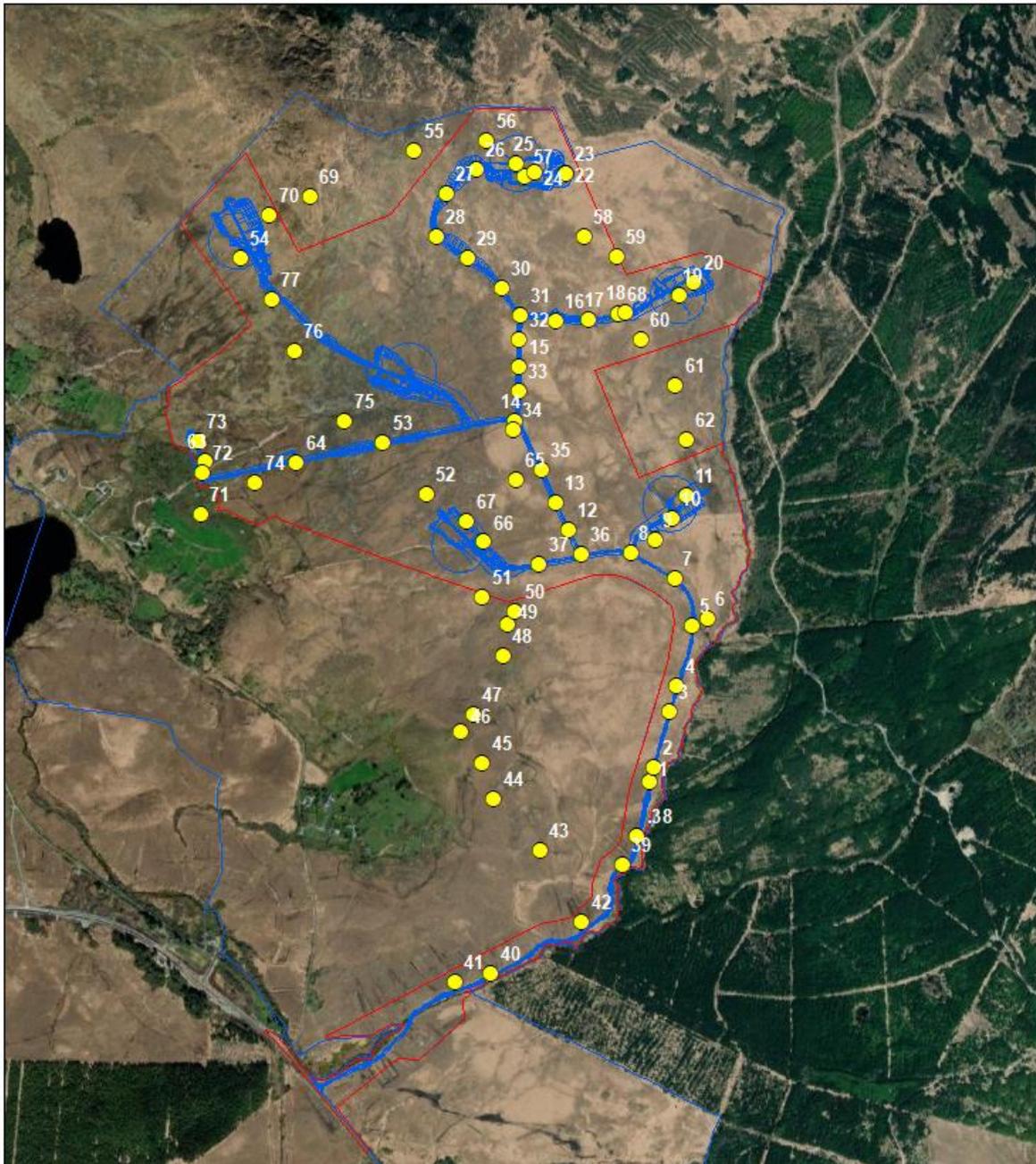
Target Note No.	Peat Depth (m)	Description	Photographic Log
72	0.1	<p>Looking west along the proposed route to the met mast. Sward is heavily grazed. Exposed rock throughout this area. low sward. Dense <i>Juncus effusus</i> sward in poor flushed area on the slope to the south of the proposed access track to met mast.</p>	
73	<0.5	<p>Dominated by <i>Eriophorum vaginatum</i>, <i>Trichophorum germanicum</i>. <i>Nardus stricta</i>, <i>Carex echinata</i> and <i>Carex panicea</i> are frequent. <i>Sphagnum subnitens</i>, <i>Sphagnum auriculatum</i>, <i>Sphagnum papillosum</i> and <i>Sphagnum capillifolium</i> are occasional in the bryophyte layer along with <i>Pseudoscleropodium purum</i>, <i>Hylocomium splendens</i> and <i>Pleurozium purpurea</i>.</p> <p>The area surrounding the target note location is heavily grazed and trafficked by sheep. Outcropping rock occurs through this area. The habitat at this location is representative of degraded wet heath habitat.</p>	
74	>1	<p>Dominated by pioneering <i>Eriophorum vaginatum</i> with <i>Trichophorum germanicum</i> abundant. <i>Juncus bulbosus</i> is occasional along with <i>Potentilla erecta</i> and <i>Cladonia</i> species. The bryophyte layer supports <i>Hylocomium splendens</i>, <i>Hypnum jutlandicum</i>, <i>Campylopus atrovirens</i>, <i>Aulacomium palustre</i> and <i>Breutelia chrysocoma</i>. Bare peat and desiccated bare hummocks are present throughout this area.</p> <p>The ground is soft underfoot. Grazing pressure is high at this location resulting in erosion and areas of bare peat.</p>	

RECEIVED: 26/10/2023

Target Note No.	Peat Depth (m)	Description	Photographic Log
75	0.1	<p>Dominated by <i>Juncus squarrosus</i>, <i>Nardus stricta</i>, <i>Deschampsia flexuosa</i>, <i>Anthoxanthum odoratum</i>, <i>Festuca ovina</i> with <i>Erica tetralix</i>, <i>Juncus effusus</i>, <i>Rhynchospora alba</i>, <i>Carex echinata</i>. <i>Hypnum jutlandicum</i> and <i>Hylocomium splendens</i> are occasional in the bryophyte layer.</p> <p>On firm ground with slopes to the north and west. Bare peat throughout this area with exposed siliceous rock. Evidence of high grazing pressure with sheep and dunging present.</p>	
76	0.1	<p>Dominated by acidic grasses comprising <i>Deschampsia flexuosa</i>, <i>Molinia caerulea</i>, <i>Anthoxanthum odoratum</i>, <i>Festuca ovina</i> and <i>Nardus stricta</i>. <i>Juncus squarrosus</i> is abundant. <i>Racomitrium lanuginosum</i>, <i>Hylocomium splendens</i> and <i>Hypnum jutlandicum</i> are present in the bryophyte layer.</p> <p>On firm ground with slopes to the southwest. Bare peat throughout this area with exposed siliceous rock and eroded surface.. Evidence of high grazing pressure with sheep and dunging present. Poaching of surface also noted.</p>	
77	0.1	<p>Dominated by acidic grasses comprising <i>Deschampsia flexuosa</i>, <i>Agrostis capillaris</i>, <i>Anthoxanthum odoratum</i>, <i>Festuca ovina</i> and <i>Nardus stricta</i>. <i>Juncus squarrosus</i> is abundant, <i>Erica tetralix</i> and <i>Calluna vulgaris</i> are occasional. <i>Hylocomium splendens</i> and <i>Hypnum jutlandicum</i> are present in the bryophyte layer.</p> <p>On firm ground with slopes to the southwest. Bare peat throughout this area with exposed siliceous rock and eroded surface.. Evidence of high grazing pressure with sheep and dunging present. Poaching of surface also noted.</p>	

RECEIVED: 26/01/2023

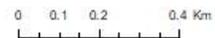
RECEIVED: 26/01/2023



Tullaghmore Wind Farm

Wind Farm Target Note Locations

- Target Notes
- ▭ Development Boundary
- Proposed Wind Farm Layout



Drawn By	PD
Date	20/01/2023
Data Source	Bing