

Appendix 10.1

Peat Survey Information

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1 Introduction

- 1.1.1 In support of **Chapter 10 (Volume 1)** of the Design Manual for Roads and Bridges (DMRB) Stage 3 Environmental Impact Assessment (EIA) report; this technical appendix describes the nature and findings of peat survey work undertaken for Project 7 – Glen Garry to Dalwhinnie of the A9 Dualling Programme, hereafter referred to as the Proposed Scheme. It describes the importance of peatland, its functions, values and general characteristics, followed by the scope, method and findings of field surveys completed for the Proposed Scheme.
- 1.1.2 The information available and presented herein supports the potential impacts assessed within **Chapter 10 (Volume 1)**, the preliminary peat landslide risk assessment analysis in **Appendix 10.5 (Volume 2)** and the Outline Peat Management Plan (OPMP) presented in **Appendix 10.6 (Volume 2)**. These aspects of the DMRB Stage 3 EIA should therefore also be referred to as necessary.

2 Background and Definitions

2.1 Definition of Peat

- 2.1.1 In Scotland, peat is defined as “*an organic soil which contains more than 60 per cent of organic matter and exceeds 50cm in thickness*” (Macaulay Institute, 1984). Scotland’s National Peatland Plan also encompasses organic soil less than 50cm, which can support typical peatland vegetation (SNH, 2015a). Organic deposits less than 50cm in thickness are therefore considered in this and related aspects of the DMRB Stage 3 EIA as ‘peaty soils’. Joint Nature Conservation Committee (JNCC) (2011) and Scottish Government (2014) guidance on peat surveys also follow this peaty soil definition. ‘Deep peat’ is considered to be a peat soil with a surface organic layer greater than 1.00m thickness (Bruneau and Johnson, 2014).
- 2.1.2 The structure of an active peatland typically comprises a thin surface layer of living vegetation (the *acrotelm*) overlying a usually thicker layer of well decayed and humified peat, comprising the consolidated remains of former surface vegetation (the *catotelm*). Below the peat forming layers is the basal *substrate*, either a mineral soil, mineral superficial deposit or bedrock.
- 2.1.3 The acrotelm is the upper aerobic layer of peat and consists of living and partially decayed plant material. It typically has a higher hydraulic conductivity than underlying peat and is usually defined in relation to the water table. Acrotelm thickness varies with topography – such as hummocks, peat hags, hollows and with time, especially in dry periods or when it is drained.
- 2.1.4 The catotelm layer sits beneath the acrotelm and consists of well decayed and humified material, and is denser with a very low hydraulic conductivity. Conditions are anaerobic and anoxic because the catotelm is permanently below the water table.

2.2 Peatland Importance

- 2.2.1 Over 20% of Scotland’s land area is covered by peatlands, and Scotland hosts a significant proportion of the European and world resource. Foremost, peatlands are long-term carbon stores, important to tackling climate change; but they are also important to rural farming, tourism, in providing clean water and in lowering flood risks. Scotland’s National Peatland Plan published by Scottish Natural Heritage (SNH) also notes that they form beautiful landscapes, represent key habitats and are a defining characteristic of wild Scotland (SNH, 2015a).
- 2.2.2 Drying and physical damage to peat can release greenhouse gases, reduce water quality and diminish a range of other services. Peat is also geotechnically complex, and special consideration

must be given to the practicalities of engineering in peat and peat soils, with careful management of construction activities required to avoid such damage.

2.3 Peatland Habitats

2.3.1 The internationally recognised term for a peat forming system is a *mire*. However, important peat deposits can be present where peat is not actively forming and therefore, peatland is a more appropriate term to consider in this context. A definition of peatland, modified from the Ramsar Convention of 1971 is “*land with a peat deposit that may currently support a vegetation that is peat forming, may not, or may lack vegetation entirely*” (IUCN, 2014).

2.3.2 Peatland types can be defined in different ways; according to vegetation, soil or geology. However, Scotland’s National Peat Management Plan (SNH, 2015) and peat bog ecosystem guidance by IUCN (2014) provide useful, similar differentiations between broad types of natural peatland, which consider a range of factors. The four main natural types of peatland include:

- **Blanket bog:** found in few parts of the world with cool, wet and typically oceanic climates. Under these conditions, bog mosses and other plants break down very slowly and gradually to form a layer of peat. Peat depth varies, but is usually between 0.50 and 3.00m deep, and with depths of up to 8.00m not uncommon. The source of water for these is directly from rainfall.
- **Raised bog:** mainly found in lowlands, these bogs appear as domes growing up to 10.00m or more in height. As with blanket bog, the source of water for these is directly from rainfall.
- **Fen:** usually low, marshy wetlands where groundwater, enriched by the chemistry of mineral soils, causes waterlogging. In upland environments, this habitat type includes valley mires, which can transition to blanket bog on valley sides.
- **Bog woodland:** similar to the open peatlands described above, but supports tree species such as Scots pine, birch and willow.

2.4 Peatland Vegetation

2.4.1 All peatlands in the UK have developed under peat-forming vegetation, but a wide range of other vegetation types can also occur over peatlands as a result of land management. Many of these can represent habitats or include vegetation species of conservation importance, including those listed in Annex 1 of the European Council Habitats Directive 92/43/EEC (Council of the European Communities, 1992), identified as UK Biodiversity Action Plan priority habitats or vegetation, or identified on the Scottish Biodiversity List (SBL) (Scottish Government, 2013).

2.4.2 Several vegetation types are associated with wet conditions conducive to peat formation within peatland habitats, and represent their most active and least damaged state. Based on Bruneau and Johnson (2014), these may include:

- **Bog vegetation:** National Vegetation Communities (NVC) communities M17 to M20 define the core range of blanket bog and raised bog vegetation in the UK, with the representation of bog-pool communities M1 to M3 varying in relation to climate and land management.
- **Fen vegetation:** in nutrient **rich fen**, vegetation may include M9, M10, M13, M14 and S24; with these developing at locations subject to the influence of calcareous, but nutrient-poor water. Nutrient-poor, acidic water promotes bog-like **poor fen** vegetation including M4 to M8 and M21 vegetation of bog mosses, sedges, cotton-grass and dwarf shrubs. Many examples of poor fen also occur as soligenous features (flushes and springs), often in association with bog or marshy grassland vegetation.


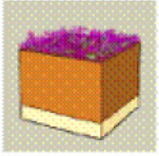
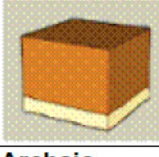
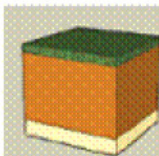
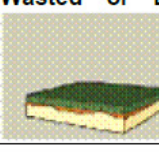
- **Purple moor-grass:** M25 is a deciduous grass and a natural component of bog and poor fen vegetation. Under certain drainage and burning management, such peatlands can become almost completely dominated by this species, thus representing degraded or modified bog. The annual build-up of purple moor-grass litter can form peat, especially where it accumulates in pools. However, the extent to which purple moor-grass dominated vegetation is important in on-going peat formation is not known.
- **Wet heath vegetation:** NVC communities M15 and M16 cross-leaved heath, deer-grass and bog moss are most widespread on shallow peaty soils, but can also occur on deeper peats influenced by drainage, burning or cutting.

2.4.3 Other types of semi-natural vegetation not associated with the formation of waterlogged peat can also occur over peaty soils as a result of management and environmental impacts. On blanket bogs and shallow peatlands for example, drainage, rotational burning, grazing and air pollution can be responsible for the development of **dry heath** vegetation (H8 to H10 and H12). This is however most usually associated with the formation of thinner organic or peaty soils in freely draining areas and is unlikely to form deep peat under the current climate.

2.5 Condition and Function of Peatland

2.5.1 Peatland characterisation has traditionally focused on vegetation, hydrological or developmental criteria, but they can also be described according to their degree of degradation, condition and function, as summarised in **Table 1** (JNCC, 2011).

Table 1: Categories and Condition of Peatland

Peat Category	Structure, Vegetation and Management	Water table	Organic matter dynamics
Active 	Semi-natural vegetation cover of bog mosses, cotton grasses and dwarf shrubs (bogs, poor-fens) and medium-tall graminoids, forbs and hypnoid mosses (other fens). Might include Purple moor-grass dominated vegetation in some circumstances. Diplotelmic structure in case of bogs and some fens, with true acrotelm of living bog mosses and/or recently deposited plant litter Sympathetically managed and restored mires.	Water table mostly fluctuates within acrotelm rooting zone. Catotelm /deeper peat remains more or less permanently waterlogged.	Organic matter fixed and starts to degrade in acrotelm, releasing some CO ₂ New peat material enters long-term storage at top of catotelm – little CO ₂ released, slow release of CH ₄ . Acrotelm may oxidise some CH ₄ into CO ₂ . Optimal state for long-term storage of carbon in catotelm
Degraded 	Semi-natural vegetation, but with balance of graminoids/forbs/ericoids and bryophytes changed by adverse/lack of management. Acrotelm absent or impacted. Could include forestry if some bog flora remains. Associated with burning, drainage, afforestation of peatland.	Water table fluctuates within previously accumulated catotelm peat. Taller vegetation draws water from peat surface layers.	Falling litter degrades at peat surface, or in upper peat layers. Little new organic matter reaches area of permanent waterlogging. Upper catotelm peat degrades into CO ₂ and becomes more decomposed (humified). More CH ₄ is oxidised in upper peat layers. Can be subject to peat shrinkage.
Bare 	No true acrotelm. No vegetation. Associated with peat cutting, wildfire, pollution, overstocking or cultivation of peatlands. Some erosion complexes are long-standing and apparently natural.	Water table fluctuates within previously accumulated catotelm peat. Upstanding dry hags alternate with lower wetter but periodically dehydrated peat.	No new litter entering system. Catotelm peat degrades into CO ₂ but extremes of temperature probably retard degradation. CH ₄ emissions may increase – mechanism unknown. Much peat lost through erosion by wind and water.
Archaic 	No true acrotelm Agricultural vegetation (grassland/ cropland) including cultivated land Forestry where no bog flora remains. Usually deep drained.	Water table controlled by ditch system, often with under-drainage Held typically at ~40-80cm below peat surface in catotelm May be brought closer to surface during winter in grasslands.	Plant litter degrades at peat surface or in upper layers. Upper catotelm peat degrades into CO ₂ and becomes more decomposed (humified). Cultivation of soil increases oxidation of organic matter releasing more CO ₂ . Little CH ₄ released – dry surface peat may oxidise atmospheric CH ₄ . Peat surface rapidly lowers due to decomposition and erosion of peat.
Wasted or Lost 	No true acrotelm or catotelm. Most peat has been lost or removed. Agricultural vegetation (grassland/cropland).	Water table mainly fluctuates within underlying mineral soils.	Peat organic matter increasingly mixed with soil mineral material. Some peat material stabilised. Decomposition of organic matter slows releasing less CO ₂ . Little CH ₄ released and some atmospheric CH ₄ oxidised.

- 2.5.2 Bruneau and Johnson (2014) also clarify that all intermediate stages between active and bare peat are degraded. In such instances, the peat retains a semi-natural vegetation cover but is dominated by graminoid (grassy) or ericoid (heather-like) vegetation. Furthermore, the presence of erosion features such as gullies and peat hags can also result in mixtures of degraded and bare peat within a wider peatland environment.
- 2.5.3 SNH (2016) present a series of sub-categories, specifically aimed to allow the description of the degree of degradation in blanket bog, including:
- **Near natural condition:** sphagnum dominated, no known fires (either prescribed or wild) within living memory, evidence of grazing and trampling is rare or absent, little or no bare peat surface is present and heather (*Calluna vulgaris*) is not dominant.
 - **Modified:** bare peat in small patches, fires or fire history, frequent impacts of grazing and trampling, sphagnum mosses rare or absent, extensive cover of heather (*Calluna vulgaris*) or purple moor-grass (*Molinia caerulea*), an undesirable level of scrub drying out the bog.
 - **Drained:** within 30m of either an artificial drain (grip) or re-vegetated hagg/ gully system.
 - **Actively eroding:** actively eroding hagg/ gully system (most of their length having no vegetation in gully bottoms with steep, bare peat 'cliffs'), extensive continuous bare peat surfaces (peat 'pans'), extensive bare peat surfaces at former peat cutting sites, restoration may require a period of livestock removal and exclusion of wild herbivores.
- 2.5.4 According to the '*Wise Use of Mires and Peatlands*' (Clarke and Joosten, 2002), there are several functions and values of peatlands that also make them valuable ecosystems. Although definitions of functions or values vary according to individual perception and interest, some of them are widely recognized as core ecosystem services. Based on the UK National Ecosystem Assessment (UK NEA) in this respect, the recognised services can be sub-divided by different types of peat-based habitats, as detailed in **Table 2** (JNCC, 2011) and where values range from negligible (-) to high (+++) importance.

Table 2: Ecosystem Services (Functions and Values) of Peatland

	Bracken	Dwarf shrub heath	Upland fen, marsh, swamp	Bogs	Montane	Fens	Grazing marsh	Lowland raised bogs	Headwater wetlands	Wet woodlands	Native pine wood
Likely soil associated	Shallow peat Mineral	Shallow peat Mineral	Deep peat	Deep peat	Shallow peat Mineral	Deep peat	Shallow peat	Deep peat	Mix	Shallow / deep peat	Shallow peat
Provisioning services											
Crops livestock and fisheries	+	+++	+	++	++	+	++	+	+++	+	++
Trees, standing vegetation and peat	-	-	-	+	-	+	+	++	+	+++	+++
Trees for timber, bio/woodfuel	-	-	-	-	-	-	-	-	-	-	-
Wild species diversity	+	+++	+++	+++	+++	+++	++	+++	++	++	++
Water supply	-	+	++	+++	+	+++	+++	+++	+++	++	+
Regulating services											
Climate, GHG, carbon	+	++	+++	+++	++	+++	++	+++	+++	+++	++
Hazard	+	+++	+	++	-	+++	+++	++	+++	++	+
Disease and pest	++	++	+	++	+	++	++	+	++	+	+
Pollution control / Detoxification and purification	+	++	++	+++	++	+++	+++	+++	+++	++	+
Pollination	+	+	+	+	+	+	+	+	+	+	+
Cultural services											
Religion and spirituality	+	++	++	++	+++	++	++	++	++	+	+
Cultural heritage / aesthetics	+	++	+++	++	++	++	++	+++	+++	+	+++
Social cohesion	+	++	++	++	+	+	+	+	+	++	++
Tourism and recreation	+	++	+	++	++	++	+	++	+	++	++
Education	+	+	+	+	+++	+	+	++	+	+	+
Supporting services											
Soil formation	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++
Nutrient / water cycling oxygen production	++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++
Biodiversity	++	+++	+++	+++	+++	+++	+++	+++	+++	+++	+++

2.6 Peatland Geomorphology

- 2.6.1 The geomorphology of peatlands varies depending on the nature of the peatland and the scale at which the geomorphological features are considered. Evans and Warburton (2007) categorise these features by scale.
- 2.6.2 At the large end of this scale are ‘macrotopes’ which are roughly synonymous to blanket bog, raised bog and fen. Morphologically at this scale, blanket bog is a mosaic of peat environments which ‘blankets’ uplands with peat and is comprised of a series of smaller components. Raised bogs and fen being domed bodies of peat and low-lying marshy peatland respectively, are both also comprised of smaller components.
- 2.6.3 At the next level down, Evans and Warburton (2007) describe a series of ‘mesotopes’ within blanket bog complexes comprising watershed mires, spur mires, saddle mires, valley side mires and ladder fens. Some of these may formerly have been distinctly separate morphological units, but over time have been incorporated into the overall bog complex as peat has accumulated. SNH (2015b) divide raised bogs at a similar scale, detailing three specific areas of a raised bog; the central, extensive, raised and rather level *mire expanse* and a *rand* of deep peat which slopes towards the *lagg*, which is the outermost lowest zone and only has a thin patchy peat cover so there is some nutrient enrichment from the underlying mineral soils. Equivalent sub-divisions at this scale in lowland fens are principally vegetation based (SNH, 2015c), but swamps and valley mire are specific sub-divisions likely to be found at this mesotope level.
- 2.6.4 At the smallest scale, Evans and Warburton (2007) describe a series of ‘microforms’. They describe several ‘hydro-ecological’ microforms present in blanket bogs including hummocks, ridges (high or low), hollows (sphagnum or mud-bottomed) and pools (permanent or ephemeral). IPCC (2016) describe a series of equivalent ‘ecotopes’ for raised bogs which include hummocks, flats, lawns, hollows and pools. In addition to these hydro-ecological microforms, Evans and Warburton (2007) also describe a series of geomorphological forms commonly found in blanket bog which include erosion gullies, erosion hags and peat mounds.
- 2.6.5 The geomorphological features described above are generally those found naturally in peatlands. However, artificial features can also be present and affect the geomorphology and function of peatland, particularly artificial drainage and scars from peat cutting and mineral extraction.

3 Approach and Methods

3.1 Scope and Guidance

- 3.1.1 Baseline conditions in relation to peat for the Proposed Scheme have been determined through desk-based data assessments, ground investigations (GI), dedicated walkovers and field surveys, as summarised in **Chapter 10 (Volume 1)**; with the level of information being progressive and reflective of the DMRB assessment stage and design development process described in **Chapter 4 (Volume 1)**.
- 3.1.2 Each aspect of the assessment and surveys completed have been undertaken in accordance with guidance provided in ‘*Developments on Peatland: Site Surveys*’ (Scottish Government *et al.*, 2014), ‘*Peat Depth Survey Guidance*’ (SNH, 2015d), ‘*Peatland Condition Assessment*’ (SNH, 2016), ‘*Peat Landslide Hazard and Risk Assessments: Best Practice Guide for Proposed Electricity Generation Developments*’ (Scottish Government, 2006) and elsewhere, where relevant. The surveys have also been compliant with more recent guidance provided in ‘*Guidance on Developments on Peatland: Peatland Survey*’ (Scottish Government, SNH and SEPA, 2017).

3.2 Baseline Data

3.2.1 Several peat probing, sampling and walkover surveys and phases of GI have been undertaken prior to or in support of the DMRB Stage 3 EIA. The scope of work for these and data available for consideration in the assessment is summarised below:

- **Beauly-Denny 400KV Overhead Line GI (BAM Ritchies, November 2011 to May 2013):** comprising rotary boreholes at pylon locations in the vicinity of the Proposed Scheme. A total of 46 (no.) basic descriptions of peat and substrate were retrieved where it was encountered.
- **DMRB Stage 2 Ecology Peat Survey (CFJV, October 2014):** comprising 17 (no.) peat depth probe measurements within valley mire and other habitat areas identified during Phase 1 Habitat Surveys (CH2M, 2014). No descriptions of peat or substrates were obtained.
- **Advanced Ground Investigation (Raeburn, August to December 2015):** comprising trial pits and boreholes across and adjacent to the Proposed Scheme footprint, with 49 (no.) basic peat/ peaty soil and/ or von Post (Hobbs, 1986) peat and substrate descriptions, where encountered. Laboratory testing of peat samples for all or a selection of organic content, loss on ignition, moisture content, pH and total organic carbon from selected locations.

A total of 37 (no.) peat depth probe measurements were also advanced to the west of the Proposed Scheme in Drumochter (ch. 6,100 to ch. 6,300), though no descriptions of peat or substrates were obtained.

- **DMRB Stage 3 Peat Survey (CFJV, July to August 2016):** comprising a total of 1,469 (no.) peat depth probe measurements across and adjacent to the Proposed Scheme footprint and scheme elements. Core samples were recovered from 40 (no.) locations to obtain basic, von Post (Hobbs, 1986) and Troels-Smith (1955) descriptions of peat and substrate.
- **DMRB Stage 3 Supplementary Peat Survey (CFJV, December 2016):** comprising a total of 164 (no.) peat depth probe measurements across and adjacent to a (now removed) proposed access track to the west of the Highland Main Line (HML) railway in Drumochter (ch. 5,600 to ch. 6,800). Core samples were recovered from 8 (no.) locations to obtain basic, von Post (Hobbs, 1986) and Troels-Smith (1955) descriptions of peat and substrate.
- **Preliminary Ground Investigation (Raeburn, December 2016 to April 2017):** comprising trial pits and boreholes across and adjacent to the Proposed Scheme footprint, with 71 (no.) basic peat/ peaty soil and/ or von Post (Hobbs, 1986) peat and substrate descriptions, where encountered. Laboratory testing of peaty soil and peat samples for all or a selection of loss on ignition, moisture content, bulk density, pH, total carbon and organic carbon from selected locations.

A total of 311 (no.) peat depth probe measurements were also advanced across and adjacent to the Proposed Scheme footprint and scheme elements. Core samples were recovered from 33 (no.) locations to obtain basic, von Post (Hobbs, 1986) and Troels-Smith (1955) descriptions of peat and substrate.

3.2.2 Dedicated walkovers were also undertaken to assess peatland areas (CFJV, 2016 and 2017), understand morphology and stability features, and to identify potential re-use opportunities. This was additionally supported from the findings of Phase 1 Habitat (CH2M, 2014) and NVC Surveys (MacArthur Green, 2015).

3.2.3 Photographs obtained during the peat walkovers are presented in **Annex 10.1.1** and their geo-referenced locations are shown in **Drawings 10.1.1 to 10.1.6 (Volume 3)**. All available depth and

characteristic data is also attached in **Annex 10.1.2** and **Annex 10.1.3**, while Phase 1 Habitat and NVC Survey findings are described in **Appendix 12.2** and **12.3 (Volume 2)**.

3.3 Field Methods

3.3.1 For each relevant stage of the surveys and GI, the investigative works were targeted to specific Proposed Scheme elements and to gain an understanding of peat depth and characteristics across the study area. The following principles and methods were applied to the peat probing and sampling aspects of these:

- Survey areas and extents were identified and informed by published BGS and soil mapping, previous probing or GI information available at that time, and inferences of potential peat presence based on Phase 1 Habitat and NVC Surveys
- Peat probe depth measurements were taken using a 1.20m Van Walt Utility Peat Probe with 0.92m extensions, at least once every 100m across the Proposed Scheme, equivalent to a low resolution first pass (Scottish Government, 2014). Where peat and elements of the Proposed Scheme were expected to coincide, a more resolute density of measurements was applied
- Peat probe depth measurements were undertaken to refusal and full depth at all locations and, in the case of core samples, until substrate was evident in the core, if possible
- Core samples were retrieved across the full peat or peaty soil profile penetrable by hand, using either a 30mm diameter and 1.00m length gouge auger or Russian Corer for logging and/ or laboratory testing
- Core samples retrieved were targeted to the range of peat-based habitats and environments present (within and adjacent to the infrastructure footprint) and were described and classified using the von Post (after Hobbs, 1986) and Troels-Smith (Long *et al.*, 1999) schemes
- At each core location, descriptions of the peat/ soil using the classification schemes were obtained at 0.50m intervals across the full profile recovered – including the uppermost peat/ sediments, nature of the substrate, depth to groundwater and details of the depth below ground level of the contact between the acrotelm and catotelm
- Sample descriptions have been retrieved at a combined total of 235 (no.) locations, equivalent to approximately 10% of all depth measurement locations available – which exceeds the minimum recommendations provided in ‘*Developments on Peatland: Site Surveys*’ (Scottish Government *et al.*, 2014) and ‘*Guidance on Developments on Peatland: Peatland Survey*’ (Scottish Government, SNH and SEPA, 2017).
- Survey locations were recorded using a hand-held GPS (probe and core sample locations) or Total Station (trial pit and borehole locations) and photographs were obtained at each core location to provide context. Where hand-held GPS failed or signals were weak, standard navigation techniques were employed to establish measurement points.

3.4 Peat Depth Model

3.4.1 All available data has been used to generate a detailed map of peat and peaty soil depth for the Proposed Scheme. This was created using ArcGIS 10.3.1 geographical information system software as described in **Annex 10.1.4**. The resultant model is shown in **Drawings 10.17 to 10.23 (Volume 3)**, together with the positions of the various probe, core, trial pit and borehole locations that have been advanced and that are available for consideration.

4 Peat Conditions

4.1 Published Mapping

- 4.1.1 As summarised in **Chapter 10 (Volume 1)** and shown in **Drawing 10.1 (Volume 3)**, BGS mapping identifies two areas of peat adjacent to the west of the existing A9 carriageway at ch. 6,200 and ch. 7,600 near Balsporran and Drumochter. Published soil mapping (JHI, 2013) shown in **Drawing 10.4 and 10.5 (Volume 3)** also indicates that the majority of the study area is underlain by peaty and peaty gleyed podzols, with peaty gleys, humus-iron podzols with peat, peaty rankers and mineral and peaty alluvial soils also present.
- 4.1.2 SNH Carbon and Peatland mapping (SNH, 2016) shows Class 1 and Class 2 priority peatland (nationally important carbon-rich, peaty soils and deep peat) to the east and/ or west across the central and northern portions of the Proposed Scheme, with Class 3 areas (not priority peatland, but where most soils are carbon-rich, peaty soils and deep peat) shown to the east and west around Dalnaspidal, Balsporran and Drumochter, as illustrated in **Drawing 10.6 (Volume 3)**.

4.2 Geomorphology

- 4.2.1 As the study area is situated within Glen Garry and Glen Truim; glaciation and subsequent deglaciation have been the predominant landscape forming influences. These have created deep, steep-sided valleys in which the River Truim, Allt Dubhaig and River Garry are ‘misfits’, flowing through comparatively flat and wide valley bottoms to the west of the Proposed Scheme.
- 4.2.2 As shown in **Drawing 10.1 (Volume 3)**, published BGS mapping indicates the valley bottoms are predominantly comprised of alluvial and glaciofluvial deposits and in some areas, watercourses have incised through these to create terraces which are now elevated above the contemporary floodplain. Some areas of peat are also indicated to the west as noted, while areas of alluvial fan are present at the apex or outflows of larger surface water tributaries to the River Truim or Allt Dubhaig, including Allt Coire Chuirn, Allt Coire Mhic Sith and Allt Coire Bhotie. The hillslopes to the east and west of the study area are mantled with hummocky glacial deposits, till and scree, with peaty soils throughout and areas of peat.
- 4.2.3 Based on the geology and wider geomorphological context (Evans and Warburton, 2007), the study area provides two principal environments (‘macrotopes’) in which mosaics of peat forming areas exist; the flatter flood plain and terraces to the west (where areas of peatland are low lying and marshy, comparable to low-lying fens, transition mire and blanket bog) and the hills to the east (where areas of peatland are most comparable to blanket bog). A feature which morphologically resembles a raised bog is also present to the west of the northern tie-in of the Proposed Scheme to Project 8 – Dalwhinnie to Crubenmore, with a low dome perched on a low terrace above the River Truim floodplain.
- 4.2.4 Peat cover deeper than 0.50m is discontinuous in the mosaic of environments present, with smaller-scale morphological (‘mesotope’ and ‘microtope’) features scattered across the Proposed Scheme extents and often occurring as small-scale components of larger mire or heath areas. These features include several springs and flushes on sloping ground to the east, and hummock and hollow complexes to the east and west, where the hollows frequently contain bog pools.
- 4.2.5 No peat hags, gullies or pipes have been identified, though areas across the Proposed Scheme extents are noted to have been affected as a result of anthropogenic impact via historical development (the existing A9 carriageway and HML railway), muirburn, drainage and plantation woodland.

4.3 Habitats and Vegetation

- 4.3.1 Based on Phase 1 Habitat (CH2M, 2014) and National Vegetation Classification (NVC) Surveys (MacArthur Green, 2015), peatland habitat and peat-forming vegetation types have been identified in the study area. These include mire, blanket mire, wet heaths or mosaics of these, with some of the typical and indicative core vegetation ranges (Bruneau and Johnson, 2014) of **blanket bog** (M17, M19, M20 and M1 to M3), **wet heaths** (M15 and M16), **transition mire, fen and flush** (M4, M5, M6 and M10) and locally, **degraded bog** (M25) represented. Semi-natural vegetation not associated with waterlogged peat formation, but that can occur over peaty soils on shallow peatlands includes **dry heath** (H10 and H12), **acid grasslands** (U2 and U4 to U6), **semi-natural grasslands** (MG9 and MG10) and **bracken** (U20).
- 4.3.2 The distribution of habitats and vegetation types is shown in **Drawings 12.7 to 12.24 (Volume 3)** and described in **Appendix 12.2 and 12.3 (Volume 2)**. In summary however, those representing blanket bog and other mire types account for around 13% of the study area, wet and dry heaths up to 50% and flushes, fens and swamps up to 3%. The majority of these are situated in, adjacent to or near areas of environmental designation, including the River Spey Special Area of Conservation (SAC) (River Truim) and Drumochter Hills SAC, Special Protection Area (SPA) and Site of Special Scientific Interest (SSSI) as shown in **Drawings 12.2 to 12.5 (Volume 3)**.
- 4.3.3 Some of the vegetation has been impacted anthropogenically over time as noted. However, areas of blanket bog, transition mire and wet heath located to the west of the Proposed Scheme, through the Pass of Drumochter, appear sufficiently wet and contain bog pool communities indicative of good condition. This includes an expanse of blanket bog, transition mire, swamp and wet heath/ blanket bog mosaic between ch. 3,000 and ch. 4,500; which corresponds to a site containing an important pollen record, identified by Walker (1975) and described in **Chapter 10 (Volume 1)**.

4.4 Hydrology

- 4.4.1 A detailed hydrological and geomorphological catchment baseline survey based on field visits (CFJV, 2016 and 2017) and desk-based data assessment is presented in **Appendix 11.4 (Volume 2)**. This indicates that the study area in the south drains to the River Garry via the Allt Dubhaig within the wider River Tay catchment. In the north, the study area drains to the River Truim valley within the wider River Spey catchment. There are at least sixty-three minor and/ or major surface watercourses present; the majority of which are direct tributaries to the River Truim and **Chapter 11 (Volume 1)** identifies individual sub-catchments for each of these.
- 4.4.2 Few well-defined natural watercourses drain areas of peat within the Proposed Scheme, with the notable exception of the River Truim; whose headwaters drain the expanse of blanket bog, transition mire, swamp and wet heath/ blanket bog mosaic noted above between ch. 3,000 and ch. 4,500. Artificial drainage channels of varying continuity and length also exist across the study area, variably draining to watercourses and the points at which they cross the A9. These are most frequent at the margins of existing or recent infrastructure, areas of grouse habitat or grouse drives; and some are located in areas of peat. This suggests channels have been cut to reduce levels of saturation for or associated with these purposes, or to transfer run-off to culverts from the upslope to the downslope side of the existing A9.
- 4.4.3 Where present, artificial drainage will lower water table levels in areas of peat to make the areas more amenable for a particular purpose, but they can also degrade it. Groundwater levels from standpipes in or nearby peat areas to date indicate standing water table depths of between 0.43 and 3.90m. Water has also been observed at, or near, the surface in or nearby bog pools and

struck at shallow depths between 0.20 and 3.50m within or below peat profiles elsewhere; indicating local saturation through these and intact hydrological systems.

- 4.4.4 No sub-surface peat pipes were identified in the peat profiles during available investigation, peat probing or other walkover surveys completed to date.

4.5 Peat Characteristics

- 4.5.1 The following sections present details of the basic peaty soil and peat characteristics based on available depth and characteristic data. This data is attached in **Annex 10.1.2** together with detail of the habitats and vegetation present at each depth probe, core sample or GI location advanced.

Peat Depth

- 4.5.2 The peat depth model and data indicate that the full range of recorded peat and peaty soil depths, across areas investigated, varied from 0.00m to 8.40m, as illustrated in **Drawings 10.17 to 10.23 (Volume 3)**. However as summarised in **Figure 1**, the vast majority (approximately 65%) of areas in the permanent and temporary works boundaries are underlain by peaty soil or topsoil, and approximately 10% is underlain by no peat. Shallow peat is present underlying approximately 12% of the areas, and only 6% is underlain by deep peat.
- 4.5.3 At the time of writing, there are also approximately 7% of areas in the permanent and temporary works boundaries without depth data. However, these are predominantly where desk-based and ecological survey information indicate that peat deeper than 0.50m is unlikely to be present.

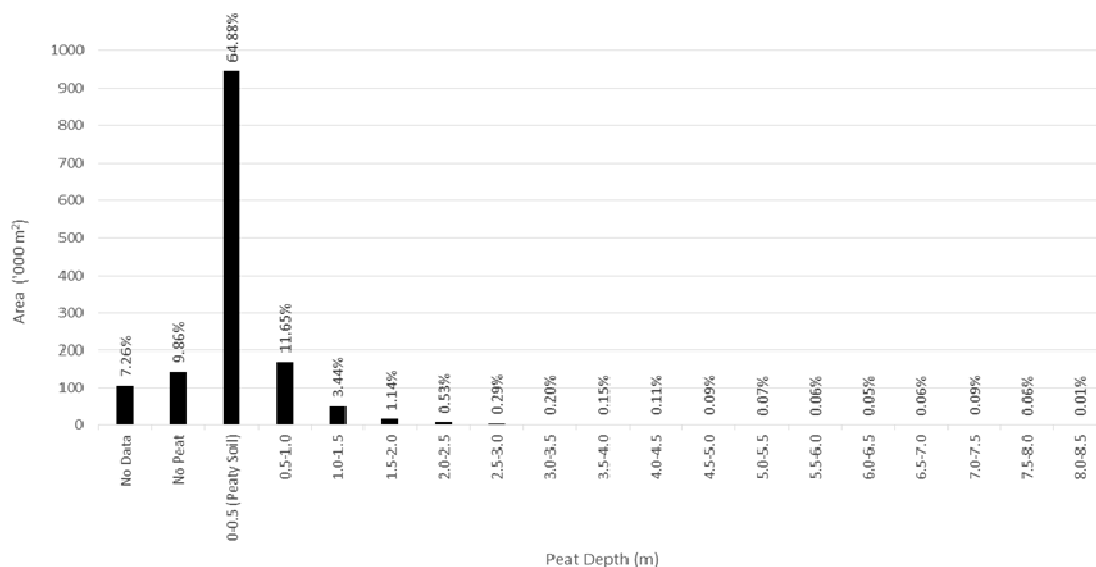


Figure 1: Peaty Soil and Peat Depth Distribution within Scheme Boundaries

- 4.5.4 The depth findings correspond generally well with published mapping and ecology surveys; with peaty soils and topsoil (less than 0.50m thickness) predominant in areas of dry and wet heaths or grassland transitions on hummocky ground or steeper and drier slopes to the east of the existing A9. These ranged from 0.01 to 0.50m in thickness and were generally observed to comprise silty, clayey, sandy, gravelly, frequently peaty soil and topsoil, or soil containing pockets of peat, but also thin fibrous or pseudo-fibrous peat horizons. Discontinuous and localised pockets of shallow

peat (between 0.50 and 1.00m thickness) are also present in similar areas, as well as wet heath/blanket bog mosaics on gentler slopes and flat areas.

- 4.5.5 Deep peat (greater than 1.00m thickness) is present within and adjacent to the Proposed Scheme in several areas, most frequently in areas of blanket bog, transition mire, swamp, and blanket bog/ wet heath mosaics on the more level floodplain of the River Truim to the west and in smaller fragments in depressions, level areas and gentle inclines on the slopes to the east. Notable areas of this include at the crest of hillslopes to the east at Dalnaspidal (ch. 500 to ch. 1,100), to the west through the Pass of Drumochter (ch. 3,000 to ch. 4,500), to the west near Balsporran (ch. 7,050 to ch. 7,250), and at Drumochter (ch. 7,500 to ch. 7,700).

Acrotelm-Catotelm

- 4.5.6 Where identifiable from investigation information and against the von Post Scale (Hobbs, 1986); the acrotelm in areas of peat has been recorded to predominantly comprise relatively thin (0.05m to 0.30m) undecomposed to moderately decomposed (H1 to H5) layers and variably distinct semi-natural vegetation. Some decomposition ratings are higher than would be expected for acrotelm that is healthy, and actively peat-forming; but slightly thicker (0.10 to 0.40m) layers showing no or only very slight decomposition (H1 to H3) and distinct vegetation were observed within or adjacent to larger areas of blanket bog, mire and swamp to the west of the Proposed Scheme through the Pass of Drumochter and beyond the HML railway.
- 4.5.7 The acrotelm is underlain by catotelm layers varying between spongy, plastic and firm condition. The type of peats also varied from dark brown and black fibrous to pseudo-fibrous, and locally amorphous peat; with highly variable root and wood content. Pseudo-fibrous peat was typically described as H4 to H5 on the von Post scale (slight to moderate decomposition), fibrous peat was typically H3 to H6 (very slight to moderate strong decomposition), while more amorphous peat or amorphous content within it was described as H7 to H8 (strong to very strong decomposition) within deeper areas of blanket bog and mire.
- 4.5.8 Evidence of H9 to H10 peat (nearly complete to completely decomposed) has also been observed at locations within blanket bog, transition mire and swamp to the west of the Proposed Scheme in the Pass of Drumochter and beyond the HML railway. These correspond to the deepest areas of peat encountered within the study area, and the amorphous material was generally observed at depths greater than 2.00 or 5.00m within the profiles.

Humification

- 4.5.9 **Figure 2** summarises the degrees of humification recorded on the von Post scale across the study area, versus the depths at which these were observed.

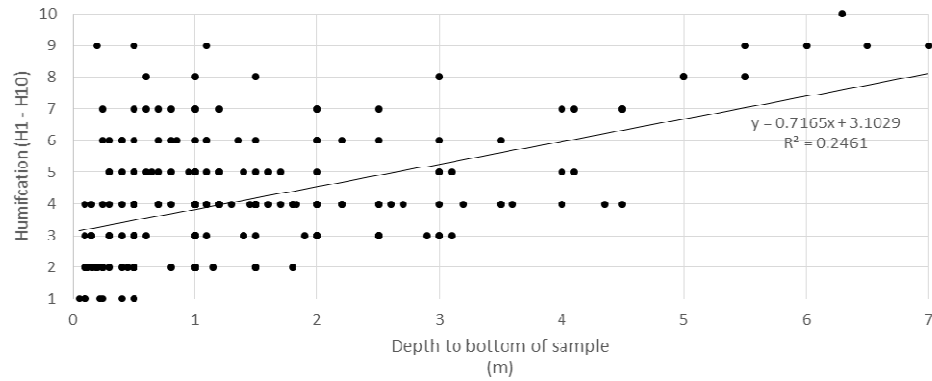


Figure 2: Degree of von Post Humification versus Sample Depth

- 4.5.10 Approximately 92% of samples obtained at less than 1.00m were described as H1 to H6 (no to moderately strong decomposition) or less on the von Post scale, with the vast majority (86%) being H1 to H4 (no to slight decomposition). Only 5%, 1% and 2% of the shallower samples were classified as H7, H8 and H9 (strong to nearly complete decomposition) respectively.
- 4.5.11 Samples from greater than 1.00m were generally more decomposed; with the majority (76%) between H3 and H6 (very slight to moderate strong decomposition), but greater proportions (12% and 7%) being H7 to H8 (strong to very strong decomposition) or H9 to H10 (nearly complete to completely decomposed). When samples within the permanent and temporary works boundaries only are considered, approximately 10% is classed as more strongly decomposed (H7 or greater) at depths greater than 2.00 or 5.00m within the profiles.
- 4.5.12 The data confirm an expected relationship, in that humification of the peat increases with depth and the implication is that deeper peat is likely to have a lower strength than that at shallow depth. However where recorded, it is noted that several samples have generally been classified highly in terms of fibre content or were predominantly described as fibrous and pseudo-fibrous; which is likely to indicate that most of the peat has some degree of structure.

Water Content

- 4.5.13 Estimated water contents of samples have covered the full range of possible values on the Von Post scale. **Figure 3** illustrates that there is little relationship between water content and depth. This may reflect, at least in part, the variable timing and conditions in which some aspects of the surveys were completed.

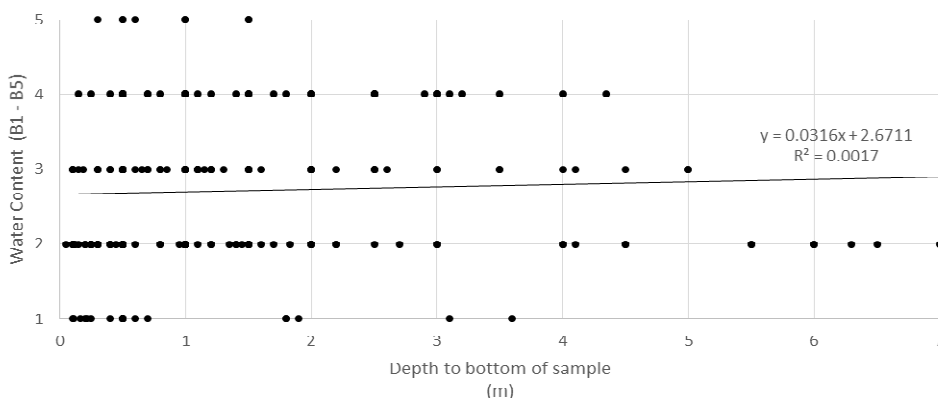


Figure 3: Estimated Water Contents versus Sample Depth

Fibrous Content

- 4.5.14 Moderate to high proportions of the coarse fibres (R2 to R3) of sphagnum mosses, herbaceous or woody plants were observed at shallow depths within younger parts of the peat profiles; the vegetation type being dependent on the surrounding habitat and vegetation. The proportions decreased to low or absent (R1 to R0) with depth; where low to moderate content of fine fibres were observed (F1 to F2), albeit being less distinct as would be expected.

Wood Remnants

- 4.5.15 Several samples were observed to contain wood remnants, comprising between 25 and 50% of certain profiles. Those at shallower depth distinctly corresponded to more recent deposition of the roots and stumps of woody plants such as heather in areas of wet heath and blanket bog, with less distinct detrital fragments at greater depths.
- 4.5.16 These naturally comprise less distinct detrital fragments at greater depths and were noticeably numerous in area of blanket bog, transition mire, swamp and wet heath/ blanket bog mosaic between ch. 3,000 and ch. 4,500; corresponding to the pollen record site identified by Walker (1975), as described in **Chapter 10 (Volume 1)**. In this respect, woody plant remains and detrital fragments of wood and bark were observed to comprise between 25 and 75% of the peat profiles at depth; though the species were not identified/ identifiable.

Sediment Types

- 4.5.17 The organic sediments within the peat were observed to be predominantly comprised of the humified roots, stem, rhizome or leave remains from sphagnum mosses, herbaceous or woody plants; the species being dependent on the surrounding habitat and vegetation as previously noted. These and detrital fragments of the same variably made up 25% to 75% of the peat profiles and became less distinct with depth; where organic mud, humified organics beyond identification, wood remnants as noted, and locally, charcoal were observed.
- 4.5.18 Intercalated mineral content within the peat profiles varied, but clay was observed to frequently comprise between 25% and 50% of the components in several samples. Sand, gravel and more locally, silt, were also observed; but predominantly as minor components of less than 25%.

Substrate

- 4.5.19 The substrates underlying the peats within the study area are predominantly granular and were frequently difficult to penetrate and recover with the sampling equipment used. However, this corresponds well with published BGS mapping indications. Some trial pits, boreholes and peat coring locations also identified the presence of clay or silt substrate beneath the peat. However, in all instances, these had notable amounts of sand as a secondary component and are therefore likely to be fine-grained tills.

Laboratory Testing

- 4.5.20 Laboratory testing of peaty soil and peat samples for all, or a selection of loss on ignition, moisture content, bulk density, pH, total carbon and total organic carbon from selected trial pit/ borehole locations and peat core locations was undertaken as part of the Preliminary GI. The results available across the profiles for each are presented in **Annex 10.1.3** together with vegetation/ habitat types at each sample location, and a summary is contained in **Table 3**.

Table 1: Laboratory Testing Results

Parameter	Peaty Soil/ Topsoil			Shallow Peat			Deep Peat		
	Min.	Max.	Mean	Min.	Max.	Mean	Min.	Max.	Mean
Bulk Density (Mg/m ³)	0.2	0.78	0.54	0.57	0.98	0.76	0.2	0.94	0.7
Dry Density (Mg/m ³)	0.08	0.27	0.14	0.08	0.48	0.18	0.02	0.44	0.11
Moisture Content (%)	8	1,481	359.55	64	994	467.35	106	4,912	807.14
Loss on Ignition (%)	16	92.6	66.73	26.8	96.6	60.52	12.3	98.6	82.83
Total Carbon Content (%)	0.3	57	21	4.8	62	34.18	2.2	64	36.28
Total Organic Carbon (%)	0.3	48	18.99	3.4	54	33.47	1	63	33.03
pH (Units)	3	6.7	4.7	3.3	5.7	4.46	3.2	6.3	4.48

- 4.5.21 With the exception of samples ranging between 41 and 57%, the results indicate that the vast majority (70%) of peaty soils/ topsoils sampled in the study area have a low or very low % carbon between 0.3 and 39%. Shallow peat profiles exhibited higher but still low % carbon in approximately 56% of samples, with the remainder ranging between 41 and 54%. Deeper peat profiles had generally higher ranges still, between 41 and 64% and which increased with depth, but with lower % content in approximately 48% of samples from shallower parts of the profiles – likely to be indicative of degradation to these.
- 4.5.22 The results otherwise confirm some expected relationships and properties, such as the acidic and nutrient-poor nature of the peats, with variable moisture content and bulk densities.

5 Conclusions

- 5.1.1 Based on the baseline peat characteristics, geomorphology, habitats and hydrology; areas of peat and peatland across the study area are considered to predominantly vary between drained and modified in condition due to anthropogenic impact from historical development or land management. However, and although not pristine, several areas also appear to locally be in near natural condition with relatively intact hydrological regime and containing bog pool communities.

- 5.1.2 At a broad scale, based on the criteria in **Table 10-1** within **Chapter 10 (Volume 1)** and SNH Carbon and Peatland mapping (SNH, 2016); the majority of the Proposed Scheme extent would be considered high sensitivity in relation to peaty soils and peat, with areas to the immediate east and west around Dalnaspidal, Balsporran and Drumochter medium or lower sensitivity. At a more local scale, the broader functions, values and core ecosystem services (including carbon storage) which several areas may provide are also recognised based on those set out by the UK NEA (2011) and JNCC (2011) in **Table 2**; particularly in relation to the regulating, cultural and supporting services listed for blanket bog, wet heath, fen, marsh and swamp. The various habitats are also likely to be strongly influenced by the soils present, with those habitats in turn either being important for local diversity, listed in Annex 1 of the European Council Habitats Directive 92/43/EEC (Council of the European Communities, 1992) and/ or being located within, adjacent to or nearby areas of environmental designation for the Drumochter Hills SAC, SPA and SSSI.
- 5.1.3 All aspects taken together with a review of the characteristic and laboratory test data against the local vegetation suggests that the majority of peat soil and peat across the Proposed Scheme would be considered medium or high sensitivity for one or more reasons. Areas of high sensitivity are reasonably indicated through the distribution of blanket bog, wet heath, mosaics of these and other mire complexes shown in **Drawings 12.7 to 12.24 (Volume 3)**; as these correspond to the areas of deepest peat and otherwise peaty soils with the highest carbon content, while also representing areas which are of the highest conservation value.
- 5.1.4 The remaining peat soils mostly correspond to wet or acidic areas of dry heath, more fragmented wet heath and other grassland/ open vegetation transition types. Although these don't necessarily comprise priority peatland; such areas contain peaty soils and occasional pockets of shallow peat with variable but comparably lower carbon content within, adjacent to, or nearby areas of environmental designation for the Drumochter Hills SAC, SPA and SSSI. On balance, these would be therefore considered medium sensitivity.
- 5.1.5 The key areas of high sensitivity based on the information available are considered to include shallow and deep peat associated with blanket bog, transition mire and swamp to the west of the Proposed Scheme between ch. 3,400 and ch. 4,600, additional areas of blanket bog/ transition mire to the west of the Highland Main Line railway (ch. 5,800 to ch. 6,400), near Balsporran (ch. 7,050 to ch. 7,250) and at Drumochter Lodge (ch. 7,500 to ch. 7,700), and areas of blanket bog with deep peat to the east at Dalnaspidal (ch. 500 to ch. 1,100) and through the Pass of Drumochter in the Drumochter Hills SAC and SPA.

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Annex 10.1.1

Peat Walkover Survey Photographs



P07_PH001



P07_PH002



P07_PH003



P07_PH004



P07_PH005



P07_PH006



P07_PH007



P07_PH008



P07_PH009



P07_PH010



P07_PH011



P07_PH012



P07_PH013



P07_PH014



P07_PH015



P07_PH016



P07_PH017



P07_PH018



P07_PH019



P07_PH020



P07_PH021



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Annex 10.1.2

Peat Depth Data

Table 1: Beaully-Denny 400KV Overhead Line Ground Investigation (BAM Ritchies, November 2011 to May 2013)

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Thickness (m)	Basic Peat/ Peaty Soil Description	Groundwater Level (m)	Basic Substrate Description	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Tuesday, November 29, 2011	SSE-FT134CA	264008.16	781687.81	409.25	0.50	PEAT	2.00	SAND	BD - OHL
Wednesday, November 30, 2011	SSE-FT134CB	264019.29	781684.53	410.25	0.40	PEAT	3.40	GRAVEL	BD - OHL
Wednesday, November 30, 2011	SSE-FT134C-C	264016.03	781673.44	410.59	0.60	PEAT	3.40	GRAVEL	BD - OHL
Wednesday, November 30, 2011	SSE-FT134C-D	264004.93	781676.62	409.44	0.30	PEAT	2.40	Sandy SOIL with small gravel	BD - OHL
Tuesday, November 29, 2011	SSE-FT135B-C	263872.00	781356.51	413.28	1.00	Very soft black pseudofibrous PEAT with occasional rootlets	3.60	SAND and GRAVEL	BD - OHL
Tuesday, November 29, 2011	SSE-FT135B-A	263867.82	781367.63	412.96	1.10	Very soft black pseudofibrous PEAT with occasional rootlets.	3.40	SAND and GRAVEL	BD - OHL
Wednesday, November 30, 2011	SSE-FT136B-A	263713.00	781022.50	412.85	0.70	Very soft dark brown pseudofibrous PEAT with some rootlets.	1.00	SAND and GRAVEL	BD - OHL
Friday, December 02, 2011	SSE-FT136B-C	263717.00	781010.00	413.69	0.80	Very soft dark brown pseudofibrous PEAT with some rootlets.	1.00	SAND and GRAVEL	BD - OHL
Thursday, December 01, 2011	SSE-FT137C-A	263550.80	780659.10	424.87	0.90	PEAT	5.00	SAND	BD - OHL
Tuesday, December 06, 2011	SSE-FT137C-D	263546.89	780650.36	425.00	0.90	PEAT	5.50	SAND	BD - OHL
Wednesday, December 07, 2011	SSE-FT138-A	263410.20	780344.20	429.35	0.70	Very soft dark brown pseudofibrous PEAT with some rootlets.	10.50	SAND and GRAVEL	BD - OHL
Wednesday, October 10, 2012	SSE-FT139A-B	263255.59	779963.75	427.22	1.10	Very soft dark brown pseudofibrous PEAT with some rootlets.	9.90	SAND and GRAVEL	BD - OHL
Tuesday, October 09, 2012	SSE-FT139A-D	263234.06	779949.40	427.82	1.00	Very soft dark brown pseudofibrous PEAT with some rootlets.	10.30	SAND and GRAVEL	BD - OHL
Tuesday, October 16, 2012	SSE-FT140B-A	263247.01	779488.53	439.29	1.00	Very soft dark brown pseudofibrous PEAT with some rootlets.	DRY	SAND and GRAVEL	DG
Tuesday, October 16, 2012	SSE-140B-B	263264.87	779484.40	439.50	0.80	Very soft dark brown pseudofibrous PEAT with some rootlets.	DRY	SAND and GRAVEL	DG
Tuesday, October 16, 2012	SSE-FT140B-D	263242.83	779470.71	437.41	1.00	Very soft dark brown pseudofibrous PEAT with some rootlets.	DRY	SAND and GRAVEL	DG
Thursday, October 11, 2012	SSE-FT140B-C	263260.77	779466.51	440.59	0.70	Very soft dark brown pseudofibrous PEAT with some rootlets.	11.00	SAND and GRAVEL	RTP
Tuesday, October 16, 2012	SSE-FT141C-B	-	-	-	-	Very soft dark brown pseudofibrous PEAT with some rootlets.	-	-	-
Tuesday, October 16, 2012	SSE-FT141C-B	-	-	-	1.50	PEAT	3.10	SAND and GRAVEL	-
Wednesday, October 17, 2012	SSE-FT142B-A	-	-	-	-	-	9.50	-	-
Friday, October 19, 2012	SSE-FT143B-D	262755.40	778543.05	445.68	-	-	DRY	-	BD - OHL
Friday, October 19, 2012	SSE-FT143B-A	262759.80	778551.44	445.39	-	-	10.00	-	BD - OHL
Tuesday, October 23, 2012	SSE-FT144-B	262629.76	778277.47	442.98	0.30	Very soft dark brown pseudofibrous PEAT with some rootlets.	DRY	GRAVEL	BD - OHL
Tuesday, October 23, 2012	SSE-FT144-C	262625.39	778260.94	443.87	0.20	Very soft dark brown pseudofibrous PEAT with some rootlets.	DRY	GRAVEL	BD - OHL
Tuesday, October 23, 2012	SSE-FT144-D	262608.92	778265.35	442.33	0.30	Very soft dark brown pseudofibrous PEAT with some rootlets.	DRY	GRAVEL	BD - OHL
Monday, October 22, 2012	SSE-FT144-A	262613.29	778281.79	441.29	0.40	Very soft dark brown pseudofibrous PEAT with some rootlets.	9.00	GRAVEL	BD - OHL
Thursday, October 25, 2012	SSE-FT145-C	262614.02	778029.84	450.86	0.50	Very soft dark brown pseudofibrous PEAT with some rootlets.	DRY	SAND and GRAVEL	BD - OHL
Tuesday, October 23, 2012	SSE-FT145-A	262605.93	778038.40	451.37	0.70	Very soft dark brown pseudofibrous PEAT with some rootlets.	DRY	SAND and GRAVEL	BD - OHL
Saturday, October 27, 2012	SSE-FT146-C	262610.62	777790.03	457.82	-	-	8.50	-	BD - OHL
Saturday, October 27, 2012	SSE-FT146-A	262595.39	777802.73	456.83	-	-	9.00	-	BD - OHL
Monday, October 29, 2012	SSE-FT147A-D	-	-	-	-	-	DRY	-	-
Monday, October 29, 2012	SSE-FT147A-A	-	-	-	-	-	9.00	-	-
Tuesday, October 30, 2012	SSE-FT148-1	-	-	-	-	-	DRY	-	-
Sunday, November 25, 2012	SSE-FT149-1	-	-	-	-	-	7.00	-	-
Friday, November 23, 2012	SSE-FT150-A	262918.65	776868.26	464.44	0.60	Dark brown clayey amorphous PEAT with rootlets.	DRY	SAND and GRAVEL	H12/M11
Thursday, November 22, 2012	SSE-FT151A-1	-	-	-	-	-	10.00	-	-
Thursday, June 28, 2012	SSE-FT152B-B	263158.90	776363.10	465.12	0.50	Dark brown clayey PEAT with rootlets.	DRY	SAND and GRAVEL	M15b/H12a/M23b/M1
Tuesday, November 20, 2012	SSE-FT152B-C	-	-	-	0.70	Dark brown clayey amorphous PEAT with rootlets.	12.80	SAND and GRAVEL	-
Tuesday, June 26, 2012	SSE-FT153-C	263288.20	776084.60	478.54	0.50	Dark brown clayey PEAT with rootlets.	9.00	SAND and GRAVEL	BD - OHL
Tuesday, June 26, 2012	SSE-FT154A-A	263375.70	775701.10	482.39	0.70	Dark brown clayey PEAT with rootlets.	8.50	SAND and GRAVEL	M15b/U5/M1
Thursday, November 15, 2012	SSE-FT154B-D	-	-	-	0.60	Dark brown clayey amorphous PEAT with rootlets.	DRY	SAND and GRAVEL	-
Tuesday, November 13, 2012	SSE-FT156A-A	-	-	-	-	Dark brown clayey amorphous PEAT with rootlets.	-	-	-
Tuesday, November 13, 2012	SSE-FT156A-A	-	-	-	3.00	Soft PEAT	9.80	SAND and GRAVEL	-
Wednesday, November 14, 2012	SSE-FT156A-C	-	-	-	-	-	DRY	-	-
Wednesday, November 28, 2012	SSE-FT157A-A	263467.31	775343.76	488.80	-	-	DRY	-	M23b/U5/U6/DG/U4
Thursday, June 21, 2012	SSE-FT157A-B	263528.30	775146.40	485.36	-	Dark brown clayey fibrous PEAT	-	-	U5
Thursday, June 21, 2012	SSE-FT157A-B	263528.30	775146.40	485.36	1.50	PEAT (Drillers Description)	DRY	SAND and GRAVEL	U5
Thursday, June 21, 2012	SSE-FT157A-C	263532.40	775135.20	485.39	-	Dark brown clayey PEAT	-	-	U5
Thursday, June 21, 2012	SSE-FT157A-C	263532.40	775135.20	485.39	1.50	PEAT (Drillers Description)	DRY	SAND and GRAVEL	U5
Tuesday, November 27, 2012	SSE-FT157A-A	263521.18	775130.85	483.29	-	-	DRY	-	U5
Wednesday, June 13, 2012	SSE-FT159-B	263753.80	774689.80	487.43	0.20	Dark brown clayey fibrous PEAT	DRY	SAND and GRAVEL	BD - OHL
Wednesday, June 13, 2012	SSE-FT159-C	263759.00	774679.00	484.00	0.20	Dark brown clayey fibrous PEAT	DRY	SAND and GRAVEL	BD - OHL
Wednesday, June 13, 2012	SSE-FT159-D	263748.60	774673.50	485.16	0.20	Dark brown clayey fibrous PEAT	DRY	SAND and GRAVEL	BD - OHL
Saturday, June 09, 2012	SSE-FT160-A	263922.70	774437.30	490.13	0.20	Dark brown clayey fibrous PEAT	3.50	SAND	BD - OHL

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Thickness (m)	Basic Peat/ Peaty Soil Description	Groundwater Level (m)	Basic Substrate Description	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Sunday, June 10, 2012	SSE-FT160-B	263929.90	774442.50	491.49	0.20	Dark brown clayey PEAT	4.00	SAND and GRAVEL	BD - OHL
Sunday, June 10, 2012	SSE-FT160-C	263935.10	774435.40	491.43	0.20	Dark brown clayey PEAT	4.00	SAND and GRAVEL	BD - OHL
Sunday, June 10, 2012	SSE-FT160-D	263927.90	774430.20	490.12	0.30	Dark brown clayey PEAT	2.70	SAND and GRAVEL	BD - OHL
Friday, June 08, 2012	SSE-FT161-A	264103.20	774187.80	491.36	-	Dark brown clayey sandy gravelly PEAT	-	-	BD - OHL
Friday, June 08, 2012	SSE-FT161-A	264103.20	774187.80	491.36	1.40	PEAT (Drillers Description)	6.80	SAND and GRAVEL	BD - OHL
Friday, June 08, 2012	SSE-FT161-D	263927.90	774430.20	490.12	0.80	Dark brown clayey PEAT	DRY	SAND and GRAVEL	BD - OHL
Wednesday, June 06, 2012	SSE-FT162A-C	264318.80	773905.50	490.76	1.00	Dark brown clayey PEAT	5.30	SAND	BD - OHL
Monday, May 28, 2012	SSE-FT163A-A	264490.90	773667.30	481.33	0.50	Dark brown clayey amorphous PEAT with rootlets.	8.20	SAND and GRAVEL	BD - OHL
Tuesday, May 29, 2012	SSE-FT163A-C	264496.10	773660.10	480.63	0.70	Dark brown clayey amorphous PEAT	DRY	SAND and GRAVEL	BD - OHL
Friday, November 02, 2012	SSE-FT164-B	264701.68	773376.51	460.03	0.70	SOIL and PEAT	6.00	SAND and GRAVEL	BD - OHL
Thursday, November 01, 2012	SSE-FT164-D	264701.32	773360.73	460.13	-	-	9.80	-	BD - OHL
Wednesday, May 29, 2013	SSE-FT165A-A	265000.73	773126.39	495.03	-	-	DRY	-	BD - OHL
Wednesday, May 29, 2013	SSE-FT165A-B	265007.33	773134.74	496.53	-	-	DRY	-	BD - OHL
Wednesday, May 29, 2013	SSE-FT165A-C	265015.71	773128.18	497.09	-	-	DRY	-	BD - OHL
Wednesday, May 29, 2013	SSE-FT165A-D	265009.13	773119.75	495.48	-	-	DRY	-	BD - OHL

Equipment	Comacchio GEO205 (open hole) and Boart Longyear DB520
GPS Equipment (Accuracy)	Total Station Thloedolite (some not recorded and noted as 'NR')
Staff/ Contractor	BAM Ritchies (on behalf of Scottish Southern Energy)

Table 2: Advanced Ground Investigation (Raeburn, August to December 2015) (Peat Depth Probes)

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Comments	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Friday, November 27, 2015	P7PP101 (2015)	262652	778684	428.096	0.15	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	H21a/H12a/M15b
Friday, November 27, 2015	P7PP102 (2015)	262647	778661	428.489	0.10	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	-
Friday, November 27, 2015	P7PP103 (2015)	262638	778639	427.912	0.00	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	-
Friday, November 27, 2015	P7PP104 (2015)	262632	778621	428.303	0.25	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	-
Friday, November 27, 2015	P7PP105 (2015)	262624	778602	427.666	0.80	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	-
Friday, November 27, 2015	P7PP106 (2015)	262620	778582	428.448	1.10	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	-
Friday, November 27, 2015	P7PP107 (2015)	262612	778563	427.075	2.10	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	-
Friday, November 27, 2015	P7PP107A (2015)	262609	778562	428.404	1.10	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	U4a
Friday, November 27, 2015	P7PP107B (2015)	262613	778566	429.483	0.00	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	-
Friday, November 27, 2015	P7PP107C (2015)	262615	778560	428.73	1.00	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	-
Friday, November 27, 2015	P7PP107D (2015)	262611	778559	429.098	1.00	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	-
Friday, November 27, 2015	P7PP108 (2015)	262607	778545	428.928	0.20	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	-
Friday, November 27, 2015	P7PP109 (2015)	262600	778526	430.81	0.60	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	-
Friday, November 27, 2015	P7PP110 (2015)	262594	778509	427.474	3.40	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	U4a
Friday, November 27, 2015	P7PP111 (2015)	262587	778403	427.449	2.20	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	U4b/OV25a/MG1
Friday, November 27, 2015	P7PP112 (2015)	262582	778460	427.465	3.00	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	-
Friday, November 27, 2015	P7PP113 (2015)	262556	778465	427.499	3.30	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	M6a/M23a/M15b
Friday, November 27, 2015	P7PP113A (2015)	262551	778466	427.497	3.60	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	M15b
Friday, November 27, 2015	P7PP113B (2015)	262558	778469	427.441	2.30	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	M6a/M23a/M15b
Friday, November 27, 2015	P7PP113C (2015)	262561	778464	427.476	2.10	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	M6a/M23a/M15b
Friday, November 27, 2015	P7PP113D (2015)	262556	778460	427.429	1.90	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	M6a/M23a/M15b
Friday, November 27, 2015	P7PP114 (2015)	262538	778471	427.443	3.90	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	M15b
Friday, November 27, 2015	P7PP114A (2015)	262532	778469	427.477	2.30	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	M15b
Friday, November 27, 2015	P7PP114B (2015)	262538	778475	427.385	1.40	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	M15b
Friday, November 27, 2015	P7PP114C (2015)	262541	778468	427.356	0.90	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	M15b
Friday, November 27, 2015	P7PP114D (2015)	262535	778465	426.482	2.10	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	M15b
Friday, November 27, 2015	P7PP115 (2015)	262545	778478	426.283	2.00	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	M15b
Friday, November 27, 2015	P7PP116 (2015)	262551	778486	425.365	0.10	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	M6a/M23a/M15b
Friday, November 27, 2015	P7PP117 (2015)	262565	778505	425.967	1.00	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	M6a/M23a/M15b
Friday, November 27, 2015	P7PP118 (2015)	262602	778551	426.258	0.80	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	M6a/M23a/M15b
Friday, November 27, 2015	P7PP119 (2015)	262604	778573	425.421	0.90	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	M6a
Friday, November 27, 2015	P7PP120 (2015)	262614	778637	429.223	0.90	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	-
Friday, November 27, 2015	P7PP121 (2015)	262599	778646	429.309	0.90	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	-
Friday, November 27, 2015	P7PP122 (2015)	262608	778672	430.575	0.10	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	H21a/H12a/M15b
Friday, November 27, 2015	P7PP123 (2015)	262628	778666	426.78	0.10	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	H21a/H12a/M15b
Friday, November 27, 2015	P7PP124 (2015)	262636	778688	425.395	0.90	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	H21a/H12a/M15b
Friday, November 27, 2015	P7PP125 (2015)	262619	778694	426.913	0.80	-	East of existing A9 carriageway (ch. 6,100 to ch. 6,350)	H21a

Equipment	120 cm Van Walt Utility Peat Probe with 92 cm extension rods
GPS Equipment (Accuracy)	Garmin eTrex 12-channel GPS (+/- 6.00 m)
Staff/ Contractor	Raeburn Drilling and Geotechnical Limited (on behalf of CH2M Fairhurst Joint Venture and Transport Scotland)

Table 3: Advanced Ground Investigation (Raeburn, August to December 2015) (Boreholes and Trial Pits)

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Thickness (m)	Basic Peat/ Peaty Soil Description	Groundwater Level (m)	Basic Substrate Description	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Thursday, December 03, 2015	BH7-001	264938.46	773105.06	471.98	0.00	-	-	-	H12a/H10/U4/U5/M15b/M32a
Wednesday, December 02, 2015	BH7-002	264773.25	773214.38	448.05	0.20	Dark brown peaty topsoil	3.75	SAND	M15b
Monday, November 02, 2015	BH7-003	264538.13	773518.98	468.17	0.15	Dark brown peat	DRY	SAND and GRAVEL	H12/H10
Thursday, November 05, 2015	BH7-003A	264453.80	773568.45	467.29	-	Dark brown fibrous PEAT with high root content	-	-	M17a/M15b/H12a
Thursday, November 05, 2015	BH7-003A	264453.80	773568.45	467.29	2.10	Brown clayey fine to coarse SAND and fine and medium subangular and subrounded GRAVEL of mixed lithologies with low cobble content and pockets of dark brown peat.	DRY	SAND	M17a/M15b/H12a
Thursday, November 26, 2015	BH7-004	264653.71	773366.41	454.59	0.80	Dark brown gravelly SAND with occasional pockets of pseudofibrous peat and low cobble content.	1.20	SAND	U5/H12/M6a
Friday, November 06, 2015	BH7-005	264354.67	773640.11	463.23	-	Dark brown fibrous PEAT with high root content	-	-	M17a/M15b
Friday, November 06, 2015	BH7-005	264354.67	773640.11	463.23	1.10	Dark brown fibrous PEAT with high root content	0 to 1.10 (damp)	SAND and GRAVEL	M17a/M15b
Friday, November 06, 2015	BH7-005A	264353.25	773641.30	463.15	-	Dark brown fibrous PEAT with high root content	-	-	M17a/M15b
Friday, November 06, 2015	BH7-005A	264353.25	773641.30	463.15	1.10	Dark brown fibrous PEAT with high root content	4.60	SAND and GRAVEL	M17a/M15b
Friday, November 27, 2015	BH7-006	263970.26	773912.15	437.44	-	Dark brown peaty topsoil	-	-	U4a/OV25/M6a
Friday, November 27, 2015	BH7-006	263970.26	773912.15	437.44	0.70	Brown slightly clayey very gravelly fine to coarse SAND with medium cobble content and pockets of peat	5.00	SAND and GRAVEL	U4a/OV25/M6a
Thursday, November 05, 2015	BH7-007	263801.26	774434.86	478.37	0.50	Dark brown peat	DRY	SAND and GRAVEL	H12
Friday, November 06, 2015	BH7-007A	263799.78	774436.21	478.24	0.50	Dark brown peat	2.80	SAND and GRAVEL	H12
Tuesday, August 18, 2015	BH7-008	263586.20	774604.20	452.50	1.20	Dark brown pseudofibrous PEAT with medium root content and occasional pockets of light brown sand	DRY	SAND and GRAVEL	H12a/U4b
Wednesday, November 04, 2015	BH7-009	263494.80	775107.20	478.00	0.00	-	3.00	-	-
Thursday, November 26, 2015	BH7-010	263220.00	775433.67	453.86	-	Very soft dark brown mottled and faintly laminated clayey silty amorphous PEAT with roots and some wood fragments and some small pockets of pale yellow fine sand	-	-	U4a/M23a/CG10a/M6c
Thursday, November 26, 2015	BH7-010	263220.00	775433.67	453.86	2.20	Very dense dark brown mottled peaty very sandy gravelly SILT with low cobble content.	4.50	SILT	U4a/M23a/CG10a/M6c
Tuesday, November 03, 2015	BH7-011	263217.88	775797.47	460.63	0.30	Dark brown sandy peaty TOPSOIL with high root content	-	GRAVEL	U4b/MG1
Tuesday, November 03, 2015	BH7-011	263217.88	775797.47	460.63	0.30	Very dense brown silty very gravelly fine to coarse SAND with low cobble content and pockets of dark brown fibrous peat.	DRY	-	U4b/MG1
Tuesday, November 03, 2015	BH7-011A	263216.70	775798.84	460.56	0.30	Dark brown sandy peaty topsoil with high root content	DRY	GRAVEL	U4b/MG1
Tuesday, November 17, 2015	BH7-012	263061.28	776248.04	456.39	0.20	Dark brown peaty topsoil with rootlets and pockets of fine to coarse angular to subangular gravel	3.80	SAND and GRAVEL	U4b/SWS/H12c
Wednesday, December 16, 2015	BH7-013	262639.86	777466.57	459.37	-	Very dark brown peaty topsoil	-	-	H12a/U4/U5/H10/M15a
Wednesday, December 16, 2015	BH7-013	262639.86	777466.57	459.37	0.75	Soft very dark greyish brown gravelly pseudofibrous PEAT with roots and low cobble content.	DRY	SAND	H12a/U4/U5/H10/M15a
Wednesday, December 16, 2015	BH7-014	262583.17	777749.38	448.93	1.20	Soft very dark brown gravelly pseudofibrous PEAT with roots and medium cobble content.	0.30	Not encountered	H12a/U4/U5/H10/M15a
Thursday, November 12, 2015	BH7-015	262599.81	778298.14	439.86	0.60	Dark brown sandy gravelly peaty TOPSOIL with medium cobble content	DRY	Not encountered	BG
Thursday, November 12, 2015	BH7-015A	262602.13	778300.60	439.79	0.70	Dark brown sandy gravelly peaty TOPSOIL with medium cobble content	DRY	SAND and GRAVEL	BG
Thursday, November 12, 2015	BH7-016	262552.70	778436.10	428.41	-	Dark brown fibrous PEAT with high root content	-	-	M15b
Thursday, November 12, 2015	BH7-016	262552.70	778436.10	428.41	1.70	Dense mottled dark brown and orange clayey very gravelly fine to coarse SAND with pockets of dark brown silty peat and low cobble content.	2.00	SAND and GRAVEL	M15b
Tuesday, November 24, 2015	BH7-017	262621.31	778663.62	426.18	0.60	Dark brown peat	2.90	SAND and GRAVEL	H21a/H12a/M15b
Wednesday, August 19, 2015	BH7-018	263018.20	779702.89	421.72	0.00	-	1.20	-	U5a/U4b
Thursday, August 20, 2015	BH7-019	263096.61	779992.78	420.94	0.50	Dark brown fibrous PEAT with cobbles.	DRY	SAND and GRAVEL	M15b/M6a
Friday, November 20, 2015	BH7-020	263699.95	781264.25	404.53	0.05	Dark brown peat	1.30	TOPSOIL	-
Monday, November 23, 2015	BH7-020A	263697.55	781257.25	404.81	0.05	Dark brown peat	1.3	TOPSOIL	-

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Thickness (m)	Basic Peat/ Peaty Soil Description	Groundwater Level (m)	Basic Substrate Description	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Thursday, December 03, 2015	BH7-021	265099.40	772950.48	455.06	0.00	-	DRY	-	H10/U4/H12a/U5/M32a
Tuesday, November 17, 2015	BH7-022	265048.82	772895.74	435.01	0.00	-	DRY	-	U4a
Friday, October 23, 2015	BH7-023	264270.60	773555.32	443.94	0.30	Dark brown peaty topsoil	DRY	SAND	U4a/OV25/M6a
Friday, October 23, 2015	BH7-023A	264272.48	773554.11	443.73	0.30	Dark brown peaty topsoil	DRY	SAND	U4a/OV25/M6a
Thursday, November 26, 2015	TP7-001	264662.85	773169.78	427.44	-	Dark greyish brown locally sandy fibrous plastic PEAT with high root content	-	-	M23b/M6/M23a/U6
Thursday, November 26, 2015	TP7-001	264662.85	773169.78	427.44	1.20	Reddish brown psuedofibrous plastic PEAT with high root content	0.7	SAND	M23b/M6/M23a/U6
Tuesday, November 17, 2015	TP7-001A	264797.55	773074.15	433.96	0.00	-	DRY	-	U4a/CG10a
Wednesday, September 23, 2015	TP7-002	264624.19	773266.73	437.24	0.00	-	DRY	-	OV27/OV25/U4/MG1
Tuesday, November 03, 2015	TP7-003	264475.74	773418.35	446.23	0.50	Dark brown psuedofibrous PEAT with lenses of light brown fine and medium sand and medium root content	2.00	SAND	U4b/H12/MG1/OV27
Thursday, November 05, 2015	TP7-004	264374.43	773510.91	448.43	0.00	-	2.40	-	U4b/H12/MG1/OV27
Thursday, November 05, 2015	TP7-005	264232.49	773662.90	450.21	0.30	Dark greyish brown pseudofibrous PEAT with medium and high root content (H5/B3)	2.40	SAND	U4b/H12/MG1/OV27
Monday, November 02, 2015	TP7-005A	264326.51	773760.00	475.10	1.10	Dark brown psuedofibrous PEAT with lenses of light brown fine and medium sand and medium root content	DRY	SAND and GRAVEL	M17a
Monday, November 02, 2015	TP7-005A	264326.51	773760.00	475.10	-	-	-	-	M17a
Thursday, November 05, 2015	TP7-006	264144.61	773772.45	451.02	0.40	Dark brown locally orange brown slightly sandy pseudofibrous PEAT with pockets of gravel and low cobble and medium boulder content.	DRY	SAND	U4b/H12/MG1/OV27
Thursday, October 22, 2015	TP7-007	263755.18	774263.76	454.89	0.00	-	DRY	-	U4a/U4b
Thursday, October 22, 2015	TP7-007A	263717.61	774180.64	439.25	0.00	-	DRY	-	U4a/U4b
Thursday, October 22, 2015	TP7-008	263728.87	774323.07	458.83	0.60	Dark brown spongy fibrous locally plastic PEAT	DRY	CLAY	U4a/U4b
Thursday, October 22, 2015	TP7-008	263728.87	774323.07	458.83	0.70	Dark brown and black pseudo-fibrous fibrous locally plastic PEAT	DRY	SAND	U4a/U4b
Wednesday, November 25, 2015	TP7-009	263714.89	774443.87	457.72	-	Brown fibrous locally plastic PEAT with pockets of slightly gravelly sand and medium root content. Gravel is fine to coarse subangular and subrounded of psammite	-	-	U4b/MG1
Wednesday, November 25, 2015	TP7-009	263714.89	774443.87	457.72	1.30	Mottled greyish brown, locally blueish grey gravelly fine to coarse SAND with occasional pockets of peat, medium cobble and low boulder content.	0.70	SAND	U4b/MG1
Tuesday, December 15, 2015	TP7-010	263590.86	774699.43	459.67	0.20	Very dark brown very gravelly peaty topsoil	DRY	SAND and GRAVEL	H12/U4/U5/CG10
Wednesday, November 11, 2015	TP7-011	263460.14	774824.74	451.22	0.70	Dark brown sandy gravelly peaty TOPSOIL with low root and cobble content.	DRY	Not encountered	H12a/U4b
Friday, October 23, 2015	TP7-012	263315.20	775259.53	456.01	0.00	-	2.50	-	U4a/M23a/CG10a/M6c
Friday, October 23, 2015	TP7-013	263207.30	775619.93	461.95	0.00	-	2.1	-	-
Monday, October 26, 2015	TP7-014	263163.25	775886.95	453.50	0.00	-	2.9	-	U4a/H12c/OV27
Thursday, November 12, 2015	TP7-015	263174.87	775987.94	463.10	0.00	-	DRY	-	H21a/U5/M19a/M15a
Wednesday, October 28, 2015	TP7-016	263126.02	776121.20	458.92	-	MADE GROUND (dark brown slightly clayey sandy slightly gravelly topsoil with low cobble and medium root content. Possible landslide)	-	-	H21a/U5/M19a/M15a
Wednesday, October 28, 2015	TP7-016	263126.02	776121.20	458.92	-	MADE GROUND (brown silty gravelly fine and medium sand with medium cobble and low boulder content. Possible landslide)	-	-	H21a/U5/M19a/M15a
Wednesday, October 28, 2015	TP7-016	263126.02	776121.20	458.92	-	MADE GROUND (light grey silty gravelly fine and medium sand with some organic matter and medium cobble and low boulder content and psammite. Possible landslide)	-	-	H21a/U5/M19a/M15a
Wednesday, October 28, 2015	TP7-016	263126.02	776121.20	458.92	-	Dark brown peaty slightly gravelly fine and medium SAND with high root content (possible old topsoil horizon)	-	-	H21a/U5/M19a/M15a
Wednesday, October 28, 2015	TP7-016	263126.02	776121.20	458.92	-	Light brown locally orange silty gravelly fine and medium SAND with organic traces and high cobble and low boulder content.	DRY	-	H21a/U5/M19a/M15a
Wednesday, October 28, 2015	TP7-017	262991.03	776396.17	451.40	1.30	Brown fibrous PEAT with high root content	1.3	Not encountered	M19
Wednesday, November 11, 2015	TP7-019	262901.12	776767.95	454.89	0.00	-	2.3	-	U5/U4
Wednesday, November 11, 2015	TP7-020	262836.01	776925.25	454.62	0.40	Brown slightly sandy fibrous spongy locally plastic PEAT with high root content	1.5	Not encountered	M15b/U5/M15a/U4/M10/M11/M6d
Tuesday, December 15, 2015	TP7-021	262749.72	777098.11	451.27	0.00	-	0.8	-	U4/H12a/H10/OV24

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Thickness (m)	Basic Peat/ Peaty Soil Description	Groundwater Level (m)	Basic Substrate Description	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Friday, November 27, 2015	TP7-022	262631.12	777362.64	447.28	0.00	-	DRY	-	H12a/U4/U5/H10/M15a
Friday, November 27, 2015	TP7-023	262581.49	777551.01	444.50	0.00	-	DRY	-	H12a/U4/U5/H10/M15a
Tuesday, December 15, 2015	TP7-024	262569.03	777878.05	447.04	0.00	-	DRY	-	H12a/BG/U4/MG1/H10
Wednesday, November 25, 2015	TP7-025	262586.49	778135.52	447.98	0.10	Dark greyish brown slightly clayey sandy gravelly peaty TOPSOIL with roots and low cobble content	1.5	SAND	BD - OHL
Wednesday, October 28, 2015	TP7-026	262740.02	778847.40	428.26	0.80	Dark reddish brown locally dark greyish brown psuedofibrous PEAT with pockets of gravel, medium root and low cobble content	DRY	SAND	M19a/M17a/M15b
Wednesday, October 28, 2015	TP7-027	262789.04	778975.12	426.29	0.40	Dark greyish brown pseudofibrous PEAT with medium root content	DRY	SAND	U5/U4/M6a
Wednesday, October 28, 2015	TP7-028	262854.48	779123.26	426.59	0.80	Dark greyish brown slightly sandy gravelly peaty TOPSOIL with roots, medium cobble and low boulder content.	1.5	SAND	U4b/U6/U2a
Thursday, November 12, 2015	TP7-029	262866.75	779243.83	426.22	0.00	-	DRY	-	U4a/H12a
Wednesday, October 28, 2015	TP7-030	262947.72	779342.03	429.29	0.20	Dark grey sandy slightly gravelly peaty TOPSOIL with high root content. Gravel is fine and medium subrounded of psammite and quartz	DRY	SAND	H21a/M19a/H12a/H10
Tuesday, December 15, 2015	TP7-031	263097.94	779880.31	423.03	0.25	Very dark brown gravelly peaty TOPSOIL. Gravel is fine to coarse subangular and subrounded of mixed lithology	DRY	SAND and GRAVEL	CP
Tuesday, November 24, 2015	TP7-032	263268.51	780449.58	418.71	0.70	Dark greyish brown slightly silty gravelly fine and medium SAND with roots, traces of peat and low cobble content.	DRY	SAND	M19a/H21a
Thursday, September 17, 2015	TP7-033	263295.14	780616.94	417.49	0.00	-	DRY	-	H12a/U4a/OV27
Monday, September 21, 2015	TP7-034	263322.29	780678.70	417.72	0.00	-	DRY	-	-
Monday, September 21, 2015	TP7-035	263463.87	780965.65	410.38	0.00	-	DRY	-	-
Tuesday, November 24, 2015	TP7-036	263602.14	781080.48	408.49	0.00	-	1.6	-	-
Tuesday, November 24, 2015	TP7-037	263847.44	781609.30	402.65	0.00	-	DRY	-	-
Tuesday, November 17, 2015	TP7-038	265171.90	772839.24	440.05	0.00	-	DRY	-	U4a/OV27
Wednesday, December 16, 2015	TP7-039	264514.88	773272.80	411.25	0.40	MADE GROUND (medium dense very dark greyish brown silty slightly gravelly peaty fine and medium sand with fragments of brick and medium cobble content.	DRY	SAND and GRAVEL	CP
Wednesday, October 21, 2015	TP7-040	264422.08	773385.00	434.65	0.00	-	1.4	-	-
Wednesday, October 21, 2015	TP7-041	264067.39	773782.16	438.50	1.20	Dark brown and black spongy fibrous PEAT with pockets of gravelly fine and medium sand. Gravel is fine to coarse subangular and subrounded of psammite	DRY	SAND	U4a/OV25/M6a
Thursday, October 22, 2015	TP7-042	263847.88	774100.82	447.93	0.00	-	DRY	-	U4a/U4b
Thursday, October 22, 2015	TP7-042A	263812.35	774001.32	425.82	0.40	Dark grey and black pseudo-fibrous locally plastic PEAT (with roots and pockets of fine and medium sand and fine to coarse subangular and subrounded gravel of psammite	DRY	SAND	M6a/M15d
Thursday, September 17, 2015	TP7-045	263141.88	780200.50	417.57	0.00	-	3.00	-	M15b/M6a
Thursday, September 17, 2015	TP7-046	263205.34	780400.14	418.22	1.10	Soft dark brown pseudofibrous PEAT	DRY	GRAVEL	M17a
Thursday, October 29, 2015	TP7-047	263513.61	781058.42	408.45	0.00	-	DRY	-	-
Thursday, October 29, 2015	TP7-048	263647.02	781304.78	401.51	0.00	-	1.5	-	-
Wednesday, October 21, 2015	TP7-049	264241.14	773547.21	435.19	0.00	-	DRY	-	U4a/OV25/M6a
Wednesday, October 21, 2015	TP7-050	264124.73	773704.70	441.48	0.00	-	DRY	-	U4a/OV25/M6a
Wednesday, October 21, 2015	TP7-051	264002.86	773871.64	437.12	2.20	Dark brown and black pseudo-fibrous, locally plastic PEAT with roots and large pockets of gravelly fine and medium sand and low cobble and boulder content.	DRY	SAND	U4a/OV25/M6a

Equipment	Variable (Hand Tools, Cable Percussion/ Rotary Drilling Rigs and Tracked Excavator)
GPS Equipment (Accuracy)	Total Station Theodolite
Staff/ Contractor	Raeburn Drilling and Geotechnical Limited (on behalf of CH2M Fairhurst Joint Venture and Transport Scotland)

Table 4: DMRB Stage 3 Peat Survey (CFJV, July to August 2016) (Peat Depth Probes)

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Comments	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Tuesday, July 26, 2016	P7 CFJV PP1 (2016)	265413	772659	425.04	0.20	-	-	U4a/MG10/M23a
Tuesday, July 26, 2016	P7 CFJV PP2 (2016)	265383	772679	426.67	0.55	At/ near surface	Very boggy and soft ground conditions	U4a/U5/M6d/M4/M15a
Tuesday, July 26, 2016	P7 CFJV PP3 (2016)	265353	772699	425.62	0.50	At/ near surface	Very boggy and soft ground conditions	U4a/U5/M6d/M4/M15a
Tuesday, July 26, 2016	P7 CFJV PP4 (2016)	265323	772718	425.55	0.95	At/ near surface	Very boggy and soft ground conditions	U4a/U5/M6d/M4/M15a
Tuesday, July 26, 2016	P7 CFJV PP5 (2016)	265372	772659	421.11	0.10	At/ near surface	Very boggy and soft ground conditions	U4a/U5/M6d/M4/M15a
Tuesday, July 26, 2016	P7 CFJV PP6 (2016)	265394	772698	430.15	0.15	At/ near surface	Very boggy and soft ground conditions	U4a/U5/M6d/M4/M15a
Tuesday, July 26, 2016	P7 CFJV PP7 (2016)	265423	772679	429.40	0.15	At/ near surface	Very boggy and soft ground conditions	U4a/U5/M6d/M4/M15a
Tuesday, July 26, 2016	P7 CFJV PP8 (2016)	265402	772640	423.20	0.10	-	-	U4a/MG10/M23a
Tuesday, July 26, 2016	P7 CFJV PP9 (2016)	265334	772669	417.90	0.55	-	-	U4a/U5/M15b
Tuesday, July 26, 2016	P7 CFJV PP10 (2016)	265344	772684	421.23	0.40	At/ near surface	Very boggy and soft ground conditions	U4a/U5/M6d/M4/M15a
Tuesday, July 26, 2016	P7 CFJV PP11 (2016)	265362	772718	430.56	0.05	At/ near surface	Very boggy and soft ground conditions	U4a/U5/M6d/M4/M15a
Tuesday, July 26, 2016	P7 CFJV PP12 (2016)	265335	772738	433.25	0.00	At/ near surface	Very boggy and soft ground conditions	U4a/U5/M6d/M4/M15a
Tuesday, July 26, 2016	P7 CFJV PP13 (2016)	265307	772690	419.83	0.20	-	-	U4a/U5/M15b
Tuesday, July 26, 2016	P7 CFJV PP14 (2016)	265286	772844	451.82	0.00	-	-	U4/H12a/H10
Tuesday, July 26, 2016	P7 CFJV PP15 (2016)	265325	772823	450.15	0.05	-	-	U4/H12a/H10
Tuesday, July 26, 2016	P7 CFJV PP16 (2016)	265366	772803	450.06	0.10	-	-	U4/H12a/H10
Tuesday, July 26, 2016	P7 CFJV PP17 (2016)	265404	772782	448.61	0.00	-	-	H10/U4/H12a
Tuesday, July 26, 2016	P7 CFJV PP18 (2016)	265246	772865	451.39	0.05	-	-	U4/H12a/H10
Tuesday, July 26, 2016	P7 CFJV PP19 (2016)	265208	772887	453.91	0.10	-	-	U4/H12a/H10
Tuesday, July 26, 2016	P7 CFJV PP20 (2016)	265275	772773	435.51	0.00	-	-	U4a/U5/M15b
Tuesday, July 26, 2016	P7 CFJV PP21 (2016)	265165	772909	453.31	0.10	-	-	H12a/H10/U4
Tuesday, July 26, 2016	P7 CFJV PP22 (2016)	264753	773079	429.59	0.25	At/ near surface	Boggy conditions	M25a/M15b
Tuesday, July 26, 2016	P7 CFJV PP23 (2016)	264742	773087	429.30	0.60	At/ near surface	Boggy conditions	M25a/M15b
Tuesday, July 26, 2016	P7 CFJV PP24 (2016)	264733	773076	428.81	0.65	At/ near surface	Boggy conditions	M25a/M15b
Tuesday, July 26, 2016	P7 CFJV PP25 (2016)	264722	773087	427.63	0.15	At/ near surface	Boggy conditions	M25a/M15b
Tuesday, July 26, 2016	P7 CFJV PP26 (2016)	264732	773099	428.73	0.25	At/ near surface	Boggy conditions	M25a/M15b
Tuesday, July 26, 2016	P7 CFJV PP27 (2016)	264742	773110	431.64	1.15	At/ near surface	Boggy conditions	M25a/M15b
Tuesday, July 26, 2016	P7 CFJV PP28 (2016)	264754	773100	431.49	0.20	At/ near surface	Boggy conditions	M25a/M15b
Tuesday, July 26, 2016	P7 CFJV PP29 (2016)	264765	773088	430.98	0.15	At/ near surface	Boggy conditions	M25a/M15b
Tuesday, July 26, 2016	P7 CFJV PP30 (2016)	264744	773065	427.96	0.25	-	-	M6a
Tuesday, July 26, 2016	P7 CFJV PP31 (2016)	264764	773068	428.92	0.80	At/ near surface	Boggy conditions	M25a/M15b
Tuesday, July 26, 2016	P7 CFJV PP32 (2016)	264753	773057	427.23	0.25	-	-	M6a
Tuesday, July 26, 2016	P7 CFJV PP33 (2016)	264776	773080	431.01	0.25	At/ near surface	Boggy conditions	M25a/M15b
Tuesday, July 26, 2016	P7 CFJV PP34 (2016)	265450	772663	428.35	0.10	-	-	U4a/MG10/M23a
Tuesday, July 26, 2016	P7 CFJV PP35 (2016)	265440	772643	424.49	0.70	-	-	U4a/MG10/M23a
Tuesday, July 26, 2016	P7 CFJV PP36 (2016)	265429	772625	420.26	0.45	-	-	U4a/MG10/M23a
Tuesday, July 26, 2016	P7 CFJV PP37 (2016)	264624	773204	431.82	0.40	-	-	U4/OV25/MG9
Tuesday, July 26, 2016	P7 CFJV PP38 (2016)	264628	773211	431.48	0.10	-	-	M23a/U6
Tuesday, July 26, 2016	P7 CFJV PP39 (2016)	264636	773206	429.50	1.40	-	-	M23a/U6
Tuesday, July 26, 2016	P7 CFJV PP40 (2016)	264633	773199	429.47	0.40	-	-	M23a/U6
Tuesday, July 26, 2016	P7 CFJV PP41 (2016)	264627	773191	428.93	0.20	-	-	U4/OV25/MG9
Tuesday, July 26, 2016	P7 CFJV PP42 (2016)	264620	773197	429.68	0.45	-	-	U4/OV25/MG9
Tuesday, July 26, 2016	P7 CFJV PP43 (2016)	264613	773202	429.74	0.40	-	-	U4/OV25/MG9
Tuesday, July 26, 2016	P7 CFJV PP44 (2016)	264618	773210	430.86	0.05	-	-	U4/OV25/MG9
Tuesday, July 26, 2016	P7 CFJV PP45 (2016)	264622	773216	431.27	0.15	-	-	U4/OV25/MG9
Tuesday, July 26, 2016	P7 CFJV PP46 (2016)	264523	773292	437.25	0.00	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP47 (2016)	264538	773279	433.44	0.55	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP48 (2016)	264554	773266	432.75	0.20	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP49 (2016)	264563	773278	433.44	0.30	-	-	CP

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Comments	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Tuesday, July 26, 2016	P7 CFJV PP50 (2016)	264548	773288	434.35	0.20	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP51 (2016)	264529	773268	432.42	0.75	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP52 (2016)	264545	773255	429.61	0.00	-	-	CP
Wednesday, July 27, 2016	P7 CFJV PP53 (2016)	263354	775049	441.44	1.50	-	-	M6a/M15b
Wednesday, July 27, 2016	P7 CFJV PP54 (2016)	263343	775063	440.56	0.67	-	-	M6a/M15b
Wednesday, July 27, 2016	P7 CFJV PP55 (2016)	263349	775067	441.31	0.67	-	-	M6a/M15b
Wednesday, July 27, 2016	P7 CFJV PP56 (2016)	263355	775071	441.79	1.50	-	-	M6a/M15b
Wednesday, July 27, 2016	P7 CFJV PP57 (2016)	263363	775054	441.87	0.43	-	-	U4a/U4b/M23a
Wednesday, July 27, 2016	P7 CFJV PP58 (2016)	263369	775039	441.02	0.51	-	-	M6a/M15b
Wednesday, July 27, 2016	P7 CFJV PP59 (2016)	263360	775034	441.50	0.69	-	-	M6a/M15b
Wednesday, July 27, 2016	P7 CFJV PP60 (2016)	263354	775032	439.95	1.20	-	-	M6a/M15b
Wednesday, July 27, 2016	P7 CFJV PP61 (2016)	263348	775046	440.29	1.12	-	-	M6a/M15b
Wednesday, July 27, 2016	P7 CFJV PP62 (2016)	262898	776601	453.75	0.00	-	-	H12a/U4a/OV27/SWS
Wednesday, July 27, 2016	P7 CFJV PP63 (2016)	262890	776625	453.94	0.00	-	-	H12a/U4a/OV27/SWS
Wednesday, July 27, 2016	P7 CFJV PP64 (2016)	262885	776650	454.01	0.00	-	-	H12a/U4a/OV27/SWS
Wednesday, July 27, 2016	P7 CFJV PP65 (2016)	262878	776673	453.71	0.25	-	-	H12a/U4a/OV27/SWS
Wednesday, July 27, 2016	P7 CFJV PP66 (2016)	262861	776666	452.37	0.10	-	-	H12a/U4a/OV27/SWS
Wednesday, July 27, 2016	P7 CFJV PP67 (2016)	262868	776642	452.52	0.10	-	-	H12a/U4a/OV27/SWS
Wednesday, July 27, 2016	P7 CFJV PP68 (2016)	262873	776618	452.82	0.00	-	-	H12a/U4a/OV27/SWS
Wednesday, July 27, 2016	P7 CFJV PP69 (2016)	262880	776594	451.95	0.19	-	-	H12a/U4a/OV27/SWS
Wednesday, July 27, 2016	P7 CFJV PP70 (2016)	262888	776573	451.49	0.26	-	-	H12a/U4a/OV27/SWS
Wednesday, July 27, 2016	P7 CFJV PP71 (2016)	262905	776580	453.26	0.10	-	-	H12a/U4a/OV27/SWS
Wednesday, July 27, 2016	P7 CFJV PP72 (2016)	262922	776588	453.64	0.00	-	-	H12a/U4a/OV27/SWS
Wednesday, July 27, 2016	P7 CFJV PP73 (2016)	262916	776609	454.01	0.00	-	-	H12a/U4a/OV27/SWS
Wednesday, July 27, 2016	P7 CFJV PP74 (2016)	262909	776633	454.25	0.00	-	-	H12a/U4a/OV27/SWS
Wednesday, July 27, 2016	P7 CFJV PP75 (2016)	262902	776654	454.02	0.00	-	-	H12a/U4a/OV27/SWS
Wednesday, July 27, 2016	P7 CFJV PP76 (2016)	262892	776680	454.00	0.10	-	-	H12a/U4a/OV27/SWS
Wednesday, July 27, 2016	P7 CFJV PP77 (2016)	262530	778391	431.23	0.13	-	-	M15b
Wednesday, July 27, 2016	P7 CFJV PP78 (2016)	262541	778388	431.83	1.09	-	-	OV27/H12c/SWS
Wednesday, July 27, 2016	P7 CFJV PP79 (2016)	262545	778407	432.31	0.26	Shallow	Slightly boggy conditions	M15b
Wednesday, July 27, 2016	P7 CFJV PP80 (2016)	262534	778409	430.34	0.14	Shallow	Slightly boggy conditions	M15b
Wednesday, July 27, 2016	P7 CFJV PP81 (2016)	262538	778425	431.51	0.58	Shallow	Slightly boggy conditions	M15b
Wednesday, July 27, 2016	P7 CFJV PP82 (2016)	262549	778424	431.65	0.33	Shallow	Slightly boggy conditions	M15b
Wednesday, July 27, 2016	P7 CFJV PP83 (2016)	262559	778422	431.51	0.66	-	-	M15b
Wednesday, July 27, 2016	P7 CFJV PP84 (2016)	262558	778405	431.98	0.28	-	-	M15b
Wednesday, July 27, 2016	P7 CFJV PP85 (2016)	262554	778387	432.00	0.19	-	-	OV27/H12c/SWS
Wednesday, July 27, 2016	P7 CFJV PP86 (2016)	262697	778882	425.09	0.25	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP87 (2016)	262693	778859	425.89	0.54	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP88 (2016)	262676	778862	424.44	0.46	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP89 (2016)	262681	778885	423.86	0.51	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP90 (2016)	262705	778904	425.52	0.49	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP91 (2016)	262719	778902	427.02	0.46	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP92 (2016)	262713	778879	426.69	0.45	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP93 (2016)	262706	778856	426.65	0.35	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP94 (2016)	262827	779218	422.53	0.05	-	-	U5a/H12a/U4a/M6a/OV27
Wednesday, July 27, 2016	P7 CFJV PP95 (2016)	262831	779241	421.98	0.00	-	-	U5a/H12a/U4a/M6a/OV27
Wednesday, July 27, 2016	P7 CFJV PP96 (2016)	262835	779265	420.75	0.00	-	-	U5a/H12a/U4a/M6a/OV27
Wednesday, July 27, 2016	P7 CFJV PP97 (2016)	262816	779267	421.00	0.30	-	-	U5a/H12a/U4a/M6a/OV27
Wednesday, July 27, 2016	P7 CFJV PP98 (2016)	262811	779244	421.50	0.11	-	-	U5a/H12a/U4a/M6a/OV27
Wednesday, July 27, 2016	P7 CFJV PP99 (2016)	262807	779220	421.49	0.05	-	-	U5a/H12a/U4a/M6a/OV27

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Comments	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Wednesday, July 27, 2016	P7 CFJV PP100 (2016)	262845	779214	423.06	0.14	-	-	U5a/H12a/U4a/M6a/OV27
Wednesday, July 27, 2016	P7 CFJV PP101 (2016)	262852	779239	424.05	0.00	-	-	U5a/H12a/U4a/M6a/OV27
Wednesday, July 27, 2016	P7 CFJV PP102 (2016)	262856	779262	424.03	0.07	-	-	U5a/H12a/U4a/M6a/OV27
Wednesday, July 27, 2016	P7 CFJV PP103 (2016)	262822	779196	422.87	1.00	-	-	U5a/H12a/U4a/M6a/OV27
Wednesday, July 27, 2016	P7 CFJV PP104 (2016)	262803	779200	422.36	0.00	-	-	U5a/H12a/U4a/M6a/OV27
Wednesday, July 27, 2016	P7 CFJV PP105 (2016)	262840	779194	423.20	0.64	-	-	U5a/H12a/U4a/M6a/OV27
Wednesday, July 27, 2016	P7 CFJV PP106 (2016)	262990	779902	416.43	0.70	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP107 (2016)	262972	779905	417.53	1.00	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP108 (2016)	262952	779909	416.68	1.35	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP109 (2016)	262976	779922	416.54	0.90	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP110 (2016)	262956	779927	416.44	1.80	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP111 (2016)	262981	779939	416.34	1.40	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP112 (2016)	262961	779942	416.24	1.24	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP113 (2016)	262950	779892	417.33	0.60	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP114 (2016)	262969	779886	417.65	0.70	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP115 (2016)	262986	779883	416.62	0.73	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP116 (2016)	262995	779920	416.44	1.35	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP117 (2016)	262998	779936	416.40	2.07	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP118 (2016)	263103	780140	419.50	0.18	At/ near surface	Boggy conditions	M19a/M6a/U4a
Wednesday, July 27, 2016	P7 CFJV PP119 (2016)	263107	780159	419.54	0.10	At/ near surface	Boggy conditions	M19a/M6a/U4a
Wednesday, July 27, 2016	P7 CFJV PP120 (2016)	263111	780178	418.60	0.23	At/ near surface	Boggy conditions	M19a/M6a/U4a
Wednesday, July 27, 2016	P7 CFJV PP121 (2016)	263117	780197	417.92	0.60	-	-	M15b/M6a
Wednesday, July 27, 2016	P7 CFJV PP122 (2016)	263100	780123	419.24	0.30	At/ near surface	Boggy conditions	M19a/M6a/U4a
Wednesday, July 27, 2016	P7 CFJV PP123 (2016)	263083	780126	417.59	0.21	At/ near surface	Boggy conditions	M19a/M6a/U4a
Wednesday, July 27, 2016	P7 CFJV PP124 (2016)	263086	780143	417.88	0.25	At/ near surface	Boggy conditions	M19a/M6a/U4a
Wednesday, July 27, 2016	P7 CFJV PP125 (2016)	263092	780162	418.35	0.29	At/ near surface	Boggy conditions	M19a/M6a/U4a
Wednesday, July 27, 2016	P7 CFJV PP126 (2016)	263096	780181	418.40	0.17	At/ near surface	Boggy conditions	M19a/M6a/U4a
Wednesday, July 27, 2016	P7 CFJV PP127 (2016)	263100	780200	418.50	0.73	At/ near surface	Boggy conditions	M19a/M6a/U4a
Wednesday, July 27, 2016	P7 CFJV PP128 (2016)	263133	780195	417.43	0.51	-	-	M15b/M6a
Wednesday, July 27, 2016	P7 CFJV PP129 (2016)	263128	780174	418.32	0.22	-	-	M15b/M6a
Wednesday, July 27, 2016	P7 CFJV PP130 (2016)	263123	780155	419.13	1.00	-	-	M15b/M6a
Wednesday, July 27, 2016	P7 CFJV PP131 (2016)	263119	780137	419.44	0.90	-	-	M15b/M6a
Wednesday, July 27, 2016	P7 CFJV PP132 (2016)	263115	780120	419.94	0.63	-	-	M15b/M6a
Wednesday, July 27, 2016	P7 CFJV PP133 (2016)	263223	780499	417.23	0.18	-	-	H12a/U4a/OV27
Wednesday, July 27, 2016	P7 CFJV PP134 (2016)	263229	780529	417.00	0.15	-	-	H12a/U4a/OV27
Wednesday, July 27, 2016	P7 CFJV PP135 (2016)	263248	780525	418.06	0.18	-	-	H12a/U4a/OV27
Wednesday, July 27, 2016	P7 CFJV PP136 (2016)	263255	780555	417.49	0.13	-	-	H12a/U4a/OV27
Wednesday, July 27, 2016	P7 CFJV PP137 (2016)	263268	780553	418.38	0.12	-	-	H12a/U4a/OV27
Wednesday, July 27, 2016	P7 CFJV PP138 (2016)	263236	780557	416.50	0.15	-	-	H12a/U4a/OV27
Wednesday, July 27, 2016	P7 CFJV PP139 (2016)	263260	780577	417.34	0.20	-	-	H12a/U4a/OV27
Wednesday, July 27, 2016	P7 CFJV PP140 (2016)	263275	780576	418.08	0.17	-	-	H12a/U4a/OV27
Wednesday, July 27, 2016	P7 CFJV PP141 (2016)	263241	780495	418.08	0.10	-	-	H12a/U4a/OV27
Wednesday, July 27, 2016	P7 CFJV PP142 (2016)	263244	780576	416.72	0.10	-	-	H12a/U4a/OV27
Wednesday, July 27, 2016	P7 CFJV PP143 (2016)	263217	780477	416.80	0.10	-	-	H12a/U4a/OV27
Wednesday, July 27, 2016	P7 CFJV PP144 (2016)	263233	780475	417.48	0.05	-	-	H12a/U4a/OV27
Wednesday, July 27, 2016	P7 CFJV PP145 (2016)	263673	781337	403.28	0.36	-	-	-
Wednesday, July 27, 2016	P7 CFJV PP146 (2016)	263693	781439	402.09	0.75	-	-	-
Wednesday, July 27, 2016	P7 CFJV PP147 (2016)	263686	781407	402.72	0.00	-	-	-
Wednesday, July 27, 2016	P7 CFJV PP148 (2016)	263679	781372	403.02	0.33	-	-	-
Thursday, July 28, 2016	P7 CFJV PP149 (2016)	263656	781376	403.00	0.80	-	-	-

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Thursday, July 28, 2016	P7 CFJV PP150 (2016)	263663	781411	402.66	1.45	-	-	-
Thursday, July 28, 2016	P7 CFJV PP151 (2016)	263668	781442	401.83	1.20	-	-	-
Thursday, July 28, 2016	P7 CFJV PP152 (2016)	263726	781433	401.29	0.80	-	-	-
Thursday, July 28, 2016	P7 CFJV PP153 (2016)	263717	781399	401.98	0.05	-	-	-
Thursday, July 28, 2016	P7 CFJV PP154 (2016)	263708	781367	402.59	0.00	-	-	-
Wednesday, July 27, 2016	P7 CFJV PP155 (2016)	263696	781332	403.77	0.10	-	-	-
Wednesday, July 27, 2016	P7 CFJV PP156 (2016)	263653	781341	402.96	0.10	-	-	-
Thursday, July 28, 2016	P7 CFJV PP157 (2016)	263668	781309	403.49	0.10	-	-	-
Thursday, July 28, 2016	P7 CFJV PP158 (2016)	263644	781445	398.73	0.06	-	-	-
Thursday, July 28, 2016	P7 CFJV PP159 (2016)	263639	781415	401.23	0.15	-	-	-
Thursday, July 28, 2016	P7 CFJV PP160 (2016)	263673	781469	398.55	0.23	-	-	-
Thursday, July 28, 2016	P7 CFJV PP161 (2016)	263697	781465	401.22	0.70	-	-	-
Thursday, July 28, 2016	P7 CFJV PP162 (2016)	263728	781462	401.12	0.12	-	-	-
Thursday, July 28, 2016	P7 CFJV PP163 (2016)	263650	781473	398.76	0.08	-	-	-
Thursday, July 28, 2016	P7 CFJV PP164 (2016)	263678	781498	398.29	0.03	-	-	-
Thursday, July 28, 2016	P7 CFJV PP165 (2016)	263359	780753	415.72	0.18	-	-	-
Thursday, July 28, 2016	P7 CFJV PP166 (2016)	263371	780777	415.33	0.20	-	-	-
Thursday, July 28, 2016	P7 CFJV PP167 (2016)	263380	780803	414.96	0.71	-	-	-
Thursday, July 28, 2016	P7 CFJV PP168 (2016)	263392	780825	414.08	0.15	-	-	-
Thursday, July 28, 2016	P7 CFJV PP169 (2016)	263404	780843	413.56	0.10	-	-	-
Thursday, July 28, 2016	P7 CFJV PP170 (2016)	263389	780852	412.70	0.49	-	-	-
Thursday, July 28, 2016	P7 CFJV PP171 (2016)	263377	780834	413.34	0.05	-	-	-
Thursday, July 28, 2016	P7 CFJV PP172 (2016)	263365	780811	414.27	0.10	-	-	-
Thursday, July 28, 2016	P7 CFJV PP173 (2016)	263355	780785	414.46	0.25	-	-	-
Thursday, July 28, 2016	P7 CFJV PP174 (2016)	263343	780761	414.64	0.37	-	-	-
Thursday, July 28, 2016	P7 CFJV PP175 (2016)	263344	780728	415.98	0.12	-	-	-
Thursday, July 28, 2016	P7 CFJV PP176 (2016)	263331	780736	414.95	0.19	-	-	-
Thursday, July 28, 2016	P7 CFJV PP177 (2016)	263317	780746	414.38	0.30	-	-	-
Thursday, July 28, 2016	P7 CFJV PP178 (2016)	263302	780757	413.69	0.10	-	-	-
Thursday, July 28, 2016	P7 CFJV PP179 (2016)	263329	780770	413.87	0.00	-	-	-
Thursday, July 28, 2016	P7 CFJV PP180 (2016)	263341	780794	413.50	0.00	-	-	-
Thursday, July 28, 2016	P7 CFJV PP181 (2016)	263350	780821	411.50	0.57	-	-	-
Thursday, July 28, 2016	P7 CFJV PP182 (2016)	263363	780844	410.45	0.05	-	-	-
Thursday, July 28, 2016	P7 CFJV PP183 (2016)	263373	780862	410.10	0.07	-	-	-
Thursday, July 28, 2016	P7 CFJV PP184 (2016)	263199	780479	415.68	0.00	-	-	H12a/U4a/OV27
Thursday, July 28, 2016	P7 CFJV PP185 (2016)	263205	780501	416.51	0.28	-	-	H12a/U4a/OV27
Thursday, July 28, 2016	P7 CFJV PP186 (2016)	263223	780450	417.51	0.70	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP187 (2016)	263189	780353	419.03	0.80	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP188 (2016)	263175	780308	418.64	0.10	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP189 (2016)	263162	780266	418.06	0.43	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP190 (2016)	263152	780228	418.16	0.13	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP191 (2016)	263118	780236	415.99	0.21	-	-	M15b/M6a
Thursday, July 28, 2016	P7 CFJV PP192 (2016)	263181	780405	417.38	0.54	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP193 (2016)	263199	780454	416.63	0.15	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP194 (2016)	263158	780358	416.93	0.40	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP195 (2016)	263144	780314	416.48	0.33	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP196 (2016)	263132	780272	416.66	0.46	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP197 (2016)	263100	780031	420.46	0.53	-	-	M15b/M6a
Thursday, July 28, 2016	P7 CFJV PP198 (2016)	263078	780035	418.57	0.18	At/ near surface	Boggy conditions	M19a/M6a/U4a
Thursday, July 28, 2016	P7 CFJV PP199 (2016)	263113	780079	419.68	0.10	-	-	M15b/M6a

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Thursday, July 28, 2016	P7 CFJV PP200 (2016)	263091	780082	418.00	0.70	At/ near surface	Boggy conditions	M19a/M6a/U4a
Thursday, July 28, 2016	P7 CFJV PP201 (2016)	263073	780166	414.74	0.05	At/ near surface	Boggy conditions	M19a/M6a/U4a
Thursday, July 28, 2016	P7 CFJV PP202 (2016)	263065	780086	416.34	0.20	At/ near surface	Boggy conditions	M19a/M6a/U4a
Thursday, July 28, 2016	P7 CFJV PP203 (2016)	263090	779993	420.42	0.05	-	-	M15b/M6a
Thursday, July 28, 2016	P7 CFJV PP204 (2016)	263069	779999	418.50	0.10	-	-	M15b/M6a
Thursday, July 28, 2016	P7 CFJV PP205 (2016)	262990	779986	415.64	1.14	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP206 (2016)	262960	779842	418.74	1.57	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP207 (2016)	263012	779902	416.53	0.73	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP208 (2016)	263037	779896	417.03	0.48	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP209 (2016)	263030	779978	416.29	1.24	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP210 (2016)	262936	779995	413.64	0.45	-	-	M6d/M23a
Thursday, July 28, 2016	P7 CFJV PP211 (2016)	262920	779924	416.33	1.80	At/ near surface	Boggy conditions	M17a
Thursday, July 28, 2016	P7 CFJV PP212 (2016)	262982	779641	421.70	0.21	-	-	M15b/M15d
Thursday, July 28, 2016	P7 CFJV PP213 (2016)	262967	779591	421.47	0.16	-	-	M23a/M6a/M15b/M6d/U5a/U4a
Thursday, July 28, 2016	P7 CFJV PP214 (2016)	262953	779544	421.87	0.33	-	-	M23a/M6a/M15b/M6d/U5a/U4a
Thursday, July 28, 2016	P7 CFJV PP215 (2016)	262910	779505	421.04	1.04	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP216 (2016)	262878	779463	421.15	0.68	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP217 (2016)	262946	779496	422.94	0.15	-	-	H12a/U4a
Thursday, July 28, 2016	P7 CFJV PP218 (2016)	262929	779500	421.30	1.50	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP219 (2016)	262922	779475	421.00	3.20	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP220 (2016)	262940	779472	421.97	3.36	-	-	H12a/U4a
Thursday, July 28, 2016	P7 CFJV PP221 (2016)	262879	779421	420.85	1.13	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP222 (2016)	262890	779383	421.34	1.45	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP223 (2016)	262862	779424	420.77	0.57	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP224 (2016)	262895	779417	421.12	2.40	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP225 (2016)	262863	779458	421.54	0.30	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP226 (2016)	262896	779468	420.73	0.52	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP227 (2016)	262915	779432	421.33	1.05	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP228 (2016)	262891	779441	421.06	1.35	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP229 (2016)	262926	779451	421.47	1.10	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP230 (2016)	262878	779375	421.15	0.13	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP231 (2016)	262901	779389	423.17	0.15	-	-	H12a/U4a
Thursday, July 28, 2016	P7 CFJV PP232 (2016)	262889	779337	424.74	0.09	-	-	H12a/U4a
Thursday, July 28, 2016	P7 CFJV PP233 (2016)	262926	779402	424.20	0.05	-	-	U4a/H12a
Thursday, July 28, 2016	P7 CFJV PP234 (2016)	262874	779292	427.08	0.10	-	-	H12a/U4a
Thursday, July 28, 2016	P7 CFJV PP235 (2016)	262820	779291	420.57	0.27	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP236 (2016)	262803	779280	420.67	0.00	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP237 (2016)	262839	779285	420.56	0.20	-	-	U5a/H12a/U4a/M6a/OV27
Thursday, July 28, 2016	P7 CFJV PP238 (2016)	262859	779282	423.54	0.09	-	-	H12a/U4a
Thursday, July 28, 2016	P7 CFJV PP239 (2016)	262863	779304	422.57	0.10	-	-	H12a/U4a
Thursday, July 28, 2016	P7 CFJV PP240 (2016)	262843	779307	421.01	0.40	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP241 (2016)	262824	779310	421.27	0.22	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP242 (2016)	262868	779337	420.72	0.32	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP243 (2016)	262883	779490	420.37	0.36	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP244 (2016)	262897	779485	420.59	1.50	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP245 (2016)	262870	779497	420.80	0.05	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP246 (2016)	262840	779429	420.09	0.18	-	-	M15d
Thursday, July 28, 2016	P7 CFJV PP247 (2016)	262966	779541	422.08	0.14	-	-	M23a/M6a/M15b/M6d/U5a/U4a
Thursday, July 28, 2016	P7 CFJV PP248 (2016)	262980	779588	421.96	0.05	-	-	U5a/U4b
Thursday, July 28, 2016	P7 CFJV PP249 (2016)	262996	779638	422.55	0.07	-	-	U5a/U4b

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Comments	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Thursday, July 28, 2016	P7 CFJV PP250 (2016)	262964	779645	421.02	0.16	-	-	M15b/M15d
Thursday, July 28, 2016	P7 CFJV PP251 (2016)	262951	779593	421.11	0.20	-	-	M23a/M6a/M15b/M6d/U5a/U4a
Thursday, July 28, 2016	P7 CFJV PP252 (2016)	262937	779547	421.63	0.25	-	-	M23a/M6a/M15b/M6d/U5a/U4a
Thursday, July 28, 2016	P7 CFJV PP253 (2016)	262883	779540	419.72	0.22	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP254 (2016)	262897	779603	420.22	0.65	-	-	M23a/M6a/M15b/M6d/U5a/U4a
Thursday, July 28, 2016	P7 CFJV PP255 (2016)	262997	779706	421.44	0.12	-	-	U5a/U4b
Thursday, July 28, 2016	P7 CFJV PP256 (2016)	262982	779709	420.88	0.48	-	-	M15b/M15d
Thursday, July 28, 2016	P7 CFJV PP257 (2016)	263005	779791	419.34	0.20	-	-	U4b/U4a
Thursday, July 28, 2016	P7 CFJV PP258 (2016)	263021	779787	422.61	0.40	-	-	U4b/U4a
Thursday, July 28, 2016	P7 CFJV PP259 (2016)	263037	779782	423.50	0.48	-	-	U4b/U4a
Thursday, July 28, 2016	P7 CFJV PP260 (2016)	263036	779839	420.58	0.19	-	-	U4b/U4a
Thursday, July 28, 2016	P7 CFJV PP261 (2016)	263011	779845	417.07	0.19	-	-	U4b/U4a
Thursday, July 28, 2016	P7 CFJV PP262 (2016)	263052	779834	418.50	0.61	-	-	U4b/U4a
Thursday, July 28, 2016	P7 CFJV PP263 (2016)	262532	778340	429.74	0.60	Shallow	-	M15b
Thursday, July 28, 2016	P7 CFJV PP264 (2016)	262522	778288	432.45	1.53	-	-	OV27/H12c/SWS
Thursday, July 28, 2016	P7 CFJV PP265 (2016)	262564	778490	427.26	0.61	Shallow	-	M6a/M23a/M15b
Thursday, July 28, 2016	P7 CFJV PP266 (2016)	262532	778495	427.16	0.10	Shallow	-	M6a/M23a/M15b
Thursday, July 28, 2016	P7 CFJV PP267 (2016)	262582	778486	427.47	0.00	-	-	U4a
Thursday, July 28, 2016	P7 CFJV PP268 (2016)	262612	778567	427.66	0.00	-	-	RTP
Thursday, July 28, 2016	P7 CFJV PP269 (2016)	262632	778640	426.28	0.45	-	-	U4a/H12a
Thursday, July 28, 2016	P7 CFJV PP270 (2016)	262838	776657	450.57	0.52	Shallow	-	M15b
Thursday, July 28, 2016	P7 CFJV PP271 (2016)	262820	776709	449.93	4.50	Shallow	Boggy conditions	M15b
Thursday, July 28, 2016	P7 CFJV PP272 (2016)	262878	776729	451.66	3.39	-	-	U4a/H12a
Thursday, July 28, 2016	P7 CFJV PP273 (2016)	262850	776718	450.57	4.19	Shallow	Boggy conditions	M15b
Thursday, July 28, 2016	P7 CFJV PP274 (2016)	262852	776793	453.81	0.10	-	-	U4a/H12a
Thursday, July 28, 2016	P7 CFJV PP275 (2016)	262827	776856	450.95	0.27	-	-	M15b
Thursday, July 28, 2016	P7 CFJV PP276 (2016)	262799	776843	449.53	3.20	Shallow	-	M15b
Thursday, July 28, 2016	P7 CFJV PP277 (2016)	262764	776827	449.23	2.93	Shallow	-	M15b
Wednesday, July 27, 2016	P7 CFJV PP278 (2016)	262823	776781	450.70	1.45	-	-	U4a/H12a
Wednesday, July 27, 2016	P7 CFJV PP279 (2016)	262788	776763	451.77	0.05	-	-	H21a
Wednesday, July 27, 2016	P7 CFJV PP280 (2016)	262785	776940	453.00	0.12	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP281 (2016)	262746	777024	449.81	0.67	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP282 (2016)	262726	777012	448.38	0.79	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP283 (2016)	262764	776927	449.32	1.95	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP284 (2016)	262697	777119	447.23	0.14	-	-	U4a/OV27
Wednesday, July 27, 2016	P7 CFJV PP285 (2016)	262677	777106	448.34	0.10	-	-	H21a
Wednesday, July 27, 2016	P7 CFJV PP286 (2016)	262648	777231	446.88	0.00	-	-	U4a/OV27/H12a
Wednesday, July 27, 2016	P7 CFJV PP287 (2016)	262636	777222	445.02	0.10	-	-	U4a/OV27/H12a
Wednesday, July 27, 2016	P7 CFJV PP288 (2016)	262605	777342	446.32	0.00	-	-	U4a/OV27/H12a
Wednesday, July 27, 2016	P7 CFJV PP289 (2016)	262929	776491	450.45	7.40	At/ near surface	Boggy conditions	M19
Wednesday, July 27, 2016	P7 CFJV PP290 (2016)	262953	776499	450.54	2.06	-	-	S9a
Wednesday, July 27, 2016	P7 CFJV PP291 (2016)	262973	776436	451.00	6.30	-	Boggy conditions	Mx
Wednesday, July 27, 2016	P7 CFJV PP292 (2016)	262953	776428	451.02	8.40	At/ near surface	Boggy conditions	M25a
Wednesday, July 27, 2016	P7 CFJV PP293 (2016)	263006	776340	452.62	1.25	At/ near surface	Very boggy and soft ground conditions	M4/M23a/M5/M6d
Wednesday, July 27, 2016	P7 CFJV PP294 (2016)	262983	776331	452.43	2.53	At/ near surface	Very boggy and soft ground conditions	M4/M23a/M5/M6d
Wednesday, July 27, 2016	P7 CFJV PP295 (2016)	263027	776261	454.05	0.58	-	-	U4a/U4b
Wednesday, July 27, 2016	P7 CFJV PP296 (2016)	263007	776254	453.24	1.65	-	-	H12a
Wednesday, July 27, 2016	P7 CFJV PP297 (2016)	263056	776184	454.92	0.50	-	-	H12a/M17a/H21a
Wednesday, July 27, 2016	P7 CFJV PP298 (2016)	263035	776174	454.21	0.29	-	-	H12a/M17a/H21a
Wednesday, July 27, 2016	P7 CFJV PP299 (2016)	263082	776108	454.74	0.00	-	-	U4b/SWS/H12c

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Wednesday, July 27, 2016	P7 CFJV PP300 (2016)	263061	776097	453.63	0.55	-	-	H12a/M17a/H21a
Wednesday, July 27, 2016	P7 CFJV PP301 (2016)	263106	776027	459.71	0.38	-	-	U4b
Wednesday, July 27, 2016	P7 CFJV PP302 (2016)	263086	776019	454.88	0.25	-	-	U4b
Wednesday, July 27, 2016	P7 CFJV PP303 (2016)	263133	775942	454.96	0.00	At/ near surface	Boggy conditions	M17a/M17b
Wednesday, July 27, 2016	P7 CFJV PP304 (2016)	263113	775935	453.82	1.22	At/ near surface	Boggy conditions	M17a/M17b
Wednesday, July 27, 2016	P7 CFJV PP305 (2016)	263173	775818	456.28	0.00	-	-	U4a/H12c/OV27
Wednesday, July 27, 2016	P7 CFJV PP306 (2016)	263149	775811	454.16	0.80	At/ near surface	Boggy conditions	M17a/M17b
Wednesday, July 27, 2016	P7 CFJV PP307 (2016)	263093	775790	451.42	1.37	At/ near surface	Boggy conditions	M17a/M17b
Wednesday, July 27, 2016	P7 CFJV PP308 (2016)	263054	775913	452.00	0.61	At/ near surface	Boggy conditions	M17a/M17b
Wednesday, July 27, 2016	P7 CFJV PP309 (2016)	263027	775995	452.52	3.25	At/ near surface	Boggy conditions	M17a/M17b
Wednesday, July 27, 2016	P7 CFJV PP310 (2016)	263006	776074	452.29	2.31	At/ near surface	Very boggy and soft ground conditions	M4
Wednesday, July 27, 2016	P7 CFJV PP311 (2016)	262983	776152	452.83	1.80	At/ near surface	Boggy conditions	M19/M17
Wednesday, July 27, 2016	P7 CFJV PP312 (2016)	262957	776231	451.98	1.13	At/ near surface	Boggy conditions	M19/M17
Wednesday, July 27, 2016	P7 CFJV PP313 (2016)	262929	776310	451.00	1.50	At/ near surface	Very boggy and soft ground conditions	M4/M23a/M5/M6d
Wednesday, July 27, 2016	P7 CFJV PP314 (2016)	262900	776410	450.50	1.74	At/ near surface	Boggy conditions	M19
Wednesday, July 27, 2016	P7 CFJV PP315 (2016)	262873	776473	450.76	7.30	At/ near surface	Boggy conditions	M19
Wednesday, July 27, 2016	P7 CFJV PP316 (2016)	263193	775718	457.38	0.00	-	-	-
Wednesday, July 27, 2016	P7 CFJV PP317 (2016)	263169	775711	454.84	0.80	-	-	H21a/U4a/H12a/OV27
Wednesday, July 27, 2016	P7 CFJV PP318 (2016)	263110	775692	450.68	1.33	At/ near surface	Boggy conditions	M17a/M15b
Wednesday, July 27, 2016	P7 CFJV PP319 (2016)	263133	775586	450.97	0.68	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP320 (2016)	263186	775601	456.85	0.00	-	-	U4b/OV25/MG1
Wednesday, July 27, 2016	P7 CFJV PP321 (2016)	263212	775608	458.74	0.00	-	-	U4b/U4a/H12a
Wednesday, July 27, 2016	P7 CFJV PP322 (2016)	263247	775445	455.57	0.00	-	-	H12a/U4a
Wednesday, July 27, 2016	P7 CFJV PP323 (2016)	263222	775432	452.11	0.00	-	-	U4a/M23a/CG10a/M6c
Wednesday, July 27, 2016	P7 CFJV PP324 (2016)	263283	775340	454.21	0.05	-	-	H12a/U4a
Wednesday, July 27, 2016	P7 CFJV PP325 (2016)	263260	775327	452.58	0.25	-	-	U4a/M23a/CG10a/M6c
Wednesday, July 27, 2016	P7 CFJV PP326 (2016)	263355	775173	449.58	0.60	-	-	H12a/U4a
Wednesday, July 27, 2016	P7 CFJV PP327 (2016)	263395	775066	449.47	0.86	-	-	H12a/U4a
Wednesday, July 27, 2016	P7 CFJV PP328 (2016)	263435	774943	462.98	0.75	-	-	W23a/H12a/OV27
Wednesday, July 27, 2016	P7 CFJV PP329 (2016)	263481	774838	460.25	0.40	-	-	H12a/U4b
Wednesday, July 27, 2016	P7 CFJV PP330 (2016)	263248	775293	446.72	0.45	-	-	U4a/M23a/CG10a/M6c
Wednesday, July 27, 2016	P7 CFJV PP331 (2016)	263284	775239	446.84	1.20	-	-	-
Wednesday, July 27, 2016	P7 CFJV PP332 (2016)	263333	775170	446.80	1.10	-	-	U4a/U4b/M23a
Friday, July 29, 2016	P7 CFJV PP333 (2016)	263363	775098	446.00	1.40	-	-	U4a/U4b/M23a
Friday, July 29, 2016	P7 CFJV PP334 (2016)	263393	775015	448.16	0.60	-	-	-
Friday, July 29, 2016	P7 CFJV PP335 (2016)	263405	774943	449.96	0.30	-	-	-
Friday, July 29, 2016	P7 CFJV PP336 (2016)	263541	774713	454.82	0.20	-	-	H12a/U4b
Friday, July 29, 2016	P7 CFJV PP337 (2016)	263612	774575	454.50	0.35	-	-	H12a/U4b
Friday, July 29, 2016	P7 CFJV PP338 (2016)	263658	774474	457.14	0.40	-	-	H12a/U4b
Friday, July 29, 2016	P7 CFJV PP339 (2016)	263731	774324	458.58	0.35	-	-	U4a/U4b
Friday, July 29, 2016	P7 CFJV PP340 (2016)	263697	774394	458.49	0.25	-	-	H12a/U4b
Friday, July 29, 2016	P7 CFJV PP341 (2016)	263809	774191	451.58	0.40	-	-	H12a/U4a/U4b/OV27
Friday, July 29, 2016	P7 CFJV PP342 (2016)	264731	773171	435.02	0.00	-	-	-
Friday, July 29, 2016	P7 CFJV PP343 (2016)	264691	773154	431.79	0.25	-	-	U4/M15b
Friday, July 29, 2016	P7 CFJV PP344 (2016)	264696	773175	434.50	0.25	-	-	U4/M15b
Friday, July 29, 2016	P7 CFJV PP345 (2016)	264687	773131	427.00	0.15	-	-	U4/M15b
Friday, July 29, 2016	P7 CFJV PP346 (2016)	264727	773147	432.59	0.25	At/ near surface	Boggy conditions	M23a/M25a/U4a
Friday, July 29, 2016	P7 CFJV PP347 (2016)	264647	773154	426.41	0.20	-	-	M23b/M6/M23a/U6
Friday, July 29, 2016	P7 CFJV PP348 (2016)	264681	773187	432.86	0.25	-	-	U4/M15b
Friday, July 29, 2016	P7 CFJV PP349 (2016)	264645	773218	430.41	0.80	-	-	M23a/U6

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Friday, July 29, 2016	P7 CFJV PP350 (2016)	264610	773267	435.90	0.15	-	-	OV27/OV25/U4/MG1
Tuesday, July 26, 2016	P7 CFJV PP351 (2016)	264704	773204	437.52	0.00	-	-	U20/OV27/W23/MG1/U4b/U2a
Tuesday, July 26, 2016	P7 CFJV PP352 (2016)	264675	773232	436.92	0.00	-	-	U20/OV27/W23/MG1/U4b/U2a
Tuesday, July 26, 2016	P7 CFJV PP353 (2016)	264682	773105	424.01	1.00	At/ near surface	Boggy conditions	M23a/M25a/U4a
Tuesday, July 26, 2016	P7 CFJV PP354 (2016)	264722	773121	432.98	0.20	At/ near surface	Boggy conditions	M23a/M25a/U4a
Tuesday, July 26, 2016	P7 CFJV PP355 (2016)	264643	773258	437.25	0.00	-	-	U20/OV27/W23/MG1/U4b/U2a
Tuesday, July 26, 2016	P7 CFJV PP356 (2016)	264593	773301	440.30	0.30	-	-	U20/OV27/W23/MG1/U4b/U2a
Tuesday, July 26, 2016	P7 CFJV PP357 (2016)	264493	773321	435.44	0.15	-	-	M15b/M25a/OV27
Tuesday, July 26, 2016	P7 CFJV PP358 (2016)	264462	773350	434.84	0.45	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP359 (2016)	264659	773224	435.58	0.00	-	-	U4/M15b
Tuesday, July 26, 2016	P7 CFJV PP360 (2016)	264590	773431	442.75	0.35	-	-	H12/M15b/U5/M6d/U4
Tuesday, July 26, 2016	P7 CFJV PP361 (2016)	264560	773458	459.18	0.00	-	-	H12/M15b/U5/M6d/U4
Tuesday, July 26, 2016	P7 CFJV PP362 (2016)	264520	773481	461.65	0.20	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP363 (2016)	264520	773503	464.90	0.15	-	-	H12/H10
Tuesday, July 26, 2016	P7 CFJV PP364 (2016)	264519	773528	467.74	0.30	-	-	H12/H10
Tuesday, July 26, 2016	P7 CFJV PP365 (2016)	264519	773549	466.37	1.55	At/ near surface	Boggy conditions	M17a/U5
Tuesday, July 26, 2016	P7 CFJV PP366 (2016)	264521	773450	456.68	0.00	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP367 (2016)	264521	773426	450.89	0.00	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP368 (2016)	264521	773402	445.08	0.25	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP369 (2016)	264544	773432	453.12	1.10	-	-	U4b/H12/MG1/OV27
Tuesday, July 26, 2016	P7 CFJV PP370 (2016)	264575	773483	459.72	0.40	-	-	H12/M15b/U5/M6d/U4
Tuesday, July 26, 2016	P7 CFJV PP371 (2016)	264558	773410	451.32	0.05	-	-	H12/M15b/U5/M6d/U4
Tuesday, July 26, 2016	P7 CFJV PP372 (2016)	264612	773442	444.23	0.65	At/ near surface	Slightly boggy conditions	M6d/M11/M10
Tuesday, July 26, 2016	P7 CFJV PP373 (2016)	264554	773383	444.65	0.20	-	-	H12/M15b/U5/M6d/U4
Tuesday, July 26, 2016	P7 CFJV PP374 (2016)	264586	773374	441.60	0.45	-	-	H12/M15b/U5/M6d/U4
Tuesday, July 26, 2016	P7 CFJV PP375 (2016)	264620	773369	442.39	0.10	-	-	H12/U5/M15b/OV25a/M6d
Tuesday, July 26, 2016	P7 CFJV PP376 (2016)	264617	773402	446.54	0.30	-	-	M15d/U5/U6a
Tuesday, July 26, 2016	P7 CFJV PP377 (2016)	264645	773411	456.41	0.35	-	-	M15d/U5/U6a
Tuesday, July 26, 2016	P7 CFJV PP378 (2016)	264613	773336	437.15	0.10	-	-	U5/U4b/M15a
Tuesday, July 26, 2016	P7 CFJV PP379 (2016)	264676	773279	447.21	0.25	-	-	U5/U4b/M15a
Tuesday, July 26, 2016	P7 CFJV PP380 (2016)	264692	773297	448.21	0.20	-	-	U5/H12/M6a
Tuesday, July 26, 2016	P7 CFJV PP381 (2016)	264723	773234	442.53	0.20	-	-	U5/U4b/M15a
Tuesday, July 26, 2016	P7 CFJV PP382 (2016)	264735	773250	445.72	0.10	-	-	U5/H12/M6a
Tuesday, July 26, 2016	P7 CFJV PP383 (2016)	264783	773185	447.46	0.10	-	-	H12a/H10/U4/U5/M15b/M32a
Tuesday, July 26, 2016	P7 CFJV PP384 (2016)	264835	773142	449.74	0.05	-	-	H12a/H10/U4/U5/M15b/M32a
Tuesday, July 26, 2016	P7 CFJV PP385 (2016)	264890	773099	456.01	0.00	-	-	H12a/H10/U4/U5/M15b/M32a
Tuesday, July 26, 2016	P7 CFJV PP386 (2016)	264945	773057	456.72	0.05	-	-	H12a/H10/U4/U5/M15b/M32a
Tuesday, July 26, 2016	P7 CFJV PP387 (2016)	264999	773014	454.93	0.30	-	-	H12a/H10/U4/U5/M15b/M32a
Tuesday, July 26, 2016	P7 CFJV PP388 (2016)	265046	772983	454.24	0.25	-	-	H10/U4/H12a/U5/M32a
Tuesday, July 26, 2016	P7 CFJV PP389 (2016)	264761	773154	441.28	0.35	-	-	U20/OV27/W23/MG1/U4b/U2a
Tuesday, July 26, 2016	P7 CFJV PP390 (2016)	264765	773136	437.04	0.10	-	-	U20/OV27/W23/MG1/U4b/U2a
Tuesday, July 26, 2016	P7 CFJV PP391 (2016)	264811	773112	444.69	0.30	-	-	U20/OV27/W23/MG1/U4b/U2a
Tuesday, July 26, 2016	P7 CFJV PP392 (2016)	264802	773104	439.40	0.25	-	-	U20/OV27/W23/MG1/U4b/U2a
Tuesday, July 26, 2016	P7 CFJV PP393 (2016)	264865	773066	445.94	0.05	-	-	OV27/U4b/U20/W23
Tuesday, July 26, 2016	P7 CFJV PP394 (2016)	264858	773059	441.46	0.20	-	-	U20/OV27/W23/MG1/U4b/U2a
Tuesday, July 26, 2016	P7 CFJV PP395 (2016)	264915	773017	444.02	0.00	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP396 (2016)	264972	772975	446.07	0.30	-	-	OV27/U4b/U20/W23
Tuesday, July 26, 2016	P7 CFJV PP397 (2016)	264963	772967	442.10	0.60	At/ near surface	Boggy conditions	M25a
Tuesday, July 26, 2016	P7 CFJV PP398 (2016)	265019	772942	444.76	0.12	-	-	OV27/U4b/U20/W23
Tuesday, July 26, 2016	P7 CFJV PP399 (2016)	265008	772926	438.36	0.40	At/ near surface	Boggy conditions	M25a

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Tuesday, July 26, 2016	P7 CFJV PP400 (2016)	265064	772910	442.83	0.10	-	-	OV27/U4b/U20/W23
Tuesday, July 26, 2016	P7 CFJV PP401 (2016)	265127	772868	440.73	0.00	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP402 (2016)	265117	772856	435.03	0.50	-	-	U4a
Tuesday, July 26, 2016	P7 CFJV PP403 (2016)	265217	772812	437.71	0.05	-	-	U4a/OV27
Tuesday, July 26, 2016	P7 CFJV PP404 (2016)	265202	772782	428.59	1.06	At/ near surface	Boggy conditions	M25a
Tuesday, July 26, 2016	P7 CFJV PP405 (2016)	265040	772873	427.80	0.26	At/ near surface	Boggy conditions	M25a/M15d
Tuesday, July 26, 2016	P7 CFJV PP406 (2016)	265095	772957	457.31	0.05	-	-	H10/U4/H12a/U5/M32a
Tuesday, July 26, 2016	P7 CFJV PP407 (2016)	265006	773025	461.77	0.20	-	-	H12a/H10/U4/U5/M15b/M32a
Tuesday, July 26, 2016	P7 CFJV PP408 (2016)	264952	773065	461.53	0.00	-	-	H12a/H10/U4/U5/M15b/M32a
Tuesday, July 26, 2016	P7 CFJV PP409 (2016)	264841	773150	455.00	0.20	-	-	H12a/H10/U4/U5/M15b/M32a
Tuesday, July 26, 2016	P7 CFJV PP410 (2016)	264483	773442	449.29	0.05	-	-	U4b/H12/MG1/OV27
Tuesday, July 26, 2016	P7 CFJV PP411 (2016)	264485	773472	455.31	0.10	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP412 (2016)	264486	773510	459.62	1.90	At/ near surface	Boggy conditions	M17a/U5
Friday, July 29, 2016	P7 CFJV PP413 (2016)	264481	773547	466.33	0.40	-	-	M15b/H12
Tuesday, July 26, 2016	P7 CFJV PP414 (2016)	264436	773486	453.40	0.00	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP415 (2016)	264459	773518	459.54	0.50	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP416 (2016)	264405	773516	452.28	0.00	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP417 (2016)	264431	773543	461.61	0.50	At/ near surface	Boggy conditions	M17a/M15b/H12a
Tuesday, July 26, 2016	P7 CFJV PP418 (2016)	264350	773567	454.02	0.00	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP419 (2016)	265262	772749	429.72	0.17	-	-	U4a/U5/M15b
Tuesday, July 26, 2016	P7 CFJV PP420 (2016)	265290	772857	456.34	0.25	-	-	U4/H12a/H10
Tuesday, July 26, 2016	P7 CFJV PP421 (2016)	265331	772837	455.82	0.30	-	-	U4/H12a/H10
Tuesday, July 26, 2016	P7 CFJV PP422 (2016)	265171	772922	460.61	0.20	-	-	H12a/H10/U4
Tuesday, July 26, 2016	P7 CFJV PP423 (2016)	265101	772971	464.64	0.10	-	-	H12a/H10/U4
Tuesday, July 26, 2016	P7 CFJV PP424 (2016)	265053	772999	463.79	0.26	-	-	H10/U4/H12a/U5/M32a
Tuesday, July 26, 2016	P7 CFJV PP425 (2016)	264899	773114	463.54	0.05	-	-	H12a/H10/U4/U5/M15b/M32a
Tuesday, July 26, 2016	P7 CFJV PP426 (2016)	264657	773126	424.59	0.35	-	-	M23b/M6/M23a/U6
Tuesday, July 26, 2016	P7 CFJV PP427 (2016)	264642	773308	438.54	0.10	-	-	U5/U4b/M15a
Tuesday, July 26, 2016	P7 CFJV PP428 (2016)	264659	773335	448.44	0.00	-	-	U5/H12/M6a
Tuesday, July 26, 2016	P7 CFJV PP429 (2016)	264421	773464	447.45	0.00	-	-	U4b/H12/MG1/OV27
Tuesday, July 26, 2016	P7 CFJV PP430 (2016)	264511	773390	445.28	0.00	-	-	U4b/H12/MG1/OV27
Tuesday, July 26, 2016	P7 CFJV PP431 (2016)	264386	773493	447.93	0.00	-	-	U4b/H12/MG1/OV27
Tuesday, July 26, 2016	P7 CFJV PP432 (2016)	264337	773551	449.05	0.05	-	-	U4b/H12/MG1/OV27
Tuesday, July 26, 2016	P7 CFJV PP433 (2016)	264361	773581	458.43	0.16	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP434 (2016)	264380	773602	462.42	0.54	-	-	M15b/H12
Tuesday, July 26, 2016	P7 CFJV PP435 (2016)	264276	773614	449.70	0.10	-	-	U4b/H12/MG1/OV27
Tuesday, July 26, 2016	P7 CFJV PP436 (2016)	264287	773628	454.88	0.45	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP437 (2016)	264303	773647	459.22	0.58	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP438 (2016)	264318	773666	462.95	0.90	-	-	M15b/M25a/U5
Tuesday, July 26, 2016	P7 CFJV PP439 (2016)	264244	773674	455.03	0.25	-	-	U4b/H12/MG1/OV27
Tuesday, July 26, 2016	P7 CFJV PP440 (2016)	264257	773687	461.01	0.00	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP441 (2016)	264278	773707	464.70	0.82	-	-	CP
Friday, July 29, 2016	P7 CFJV PP442 (2016)	264189	773720	450.28	0.10	-	-	U4b/H12/MG1/OV27
Friday, July 29, 2016	P7 CFJV PP443 (2016)	264201	773731	453.03	0.00	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP444 (2016)	264217	773748	460.00	0.00	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP445 (2016)	264234	773768	465.91	0.22	-	-	CP
Friday, July 29, 2016	P7 CFJV PP446 (2016)	264157	773784	457.39	0.30	-	-	U4b/H12/MG1/OV27
Friday, July 29, 2016	P7 CFJV PP447 (2016)	264170	773795	462.65	0.00	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP448 (2016)	264195	773816	467.64	1.52	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP449 (2016)	264099	773834	452.43	0.20	-	-	U4b/H12/MG1/OV27

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Friday, July 29, 2016	P7 CFJV PP450 (2016)	264113	773849	458.87	0.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP451 (2016)	264126	773862	460.87	0.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP452 (2016)	264141	773875	464.65	0.57	At/ near surface	Boggy conditions	M17a/M3
Friday, July 29, 2016	P7 CFJV PP453 (2016)	264041	773908	452.79	0.15	-	-	U4b/H12/MG1/OV27
Friday, July 29, 2016	P7 CFJV PP454 (2016)	264057	773921	458.43	0.00	-	-	U4b/H12/MG1/OV27
Friday, July 29, 2016	P7 CFJV PP455 (2016)	264079	773939	464.25	0.77	-	-	CP
Friday, July 29, 2016	P7 CFJV PP456 (2016)	263987	773978	453.06	0.05	-	-	U4b/H12/MG1/OV27
Friday, July 29, 2016	P7 CFJV PP457 (2016)	263998	773988	457.35	0.20	-	-	U4b/H12/MG1/OV27
Friday, July 29, 2016	P7 CFJV PP458 (2016)	264009	773999	462.47	0.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP459 (2016)	264028	774015	464.73	0.90	-	-	CP
Friday, July 29, 2016	P7 CFJV PP460 (2016)	263934	774049	453.59	0.10	-	-	U4b/H12/MG1/OV27
Friday, July 29, 2016	P7 CFJV PP461 (2016)	263945	774058	459.67	0.20	-	-	U4b/H12/MG1/OV27
Friday, July 29, 2016	P7 CFJV PP462 (2016)	263960	774070	463.66	0.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP463 (2016)	263977	774085	465.55	0.31	-	-	CP
Friday, July 29, 2016	P7 CFJV PP464 (2016)	263883	774129	455.20	0.00	-	-	U4b/H12/MG1/OV27
Friday, July 29, 2016	P7 CFJV PP465 (2016)	263895	774137	459.51	0.23	-	-	U4b/H12/MG1/OV27
Friday, July 29, 2016	P7 CFJV PP466 (2016)	263908	774146	462.34	0.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP467 (2016)	263936	774164	468.08	0.22	-	-	CP
Friday, July 29, 2016	P7 CFJV PP468 (2016)	263832	774208	454.67	0.10	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP469 (2016)	263843	774217	460.78	0.16	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP470 (2016)	263854	774223	466.68	0.25	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP471 (2016)	263871	774232	469.53	0.23	-	-	M15b/M25a/U5
Friday, July 29, 2016	P7 CFJV PP472 (2016)	263887	774246	471.22	0.10	-	-	M15b/M25a/U5
Friday, July 29, 2016	P7 CFJV PP473 (2016)	263787	774286	455.14	0.05	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP474 (2016)	263796	774292	459.53	0.00	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP475 (2016)	263816	774305	466.00	0.45	-	-	M15b/M25a/U5
Friday, July 29, 2016	P7 CFJV PP476 (2016)	263844	774323	473.32	0.06	-	-	M15b/M25a/U5
Friday, July 29, 2016	P7 CFJV PP477 (2016)	263763	774344	457.12	0.20	-	-	U4b/MG1
Friday, July 29, 2016	P7 CFJV PP478 (2016)	263773	774351	462.60	0.24	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP479 (2016)	263789	774361	467.35	0.00	-	-	M15b/M25a/U5
Friday, July 29, 2016	P7 CFJV PP480 (2016)	263811	774376	474.37	0.26	-	-	M15b/M25a/U5
Friday, July 29, 2016	P7 CFJV PP481 (2016)	263729	774413	457.57	0.12	-	-	U4b/MG1
Friday, July 29, 2016	P7 CFJV PP482 (2016)	263744	774425	467.06	0.05	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP483 (2016)	263759	774435	471.79	0.05	-	-	M15b/M25a/U5
Friday, July 29, 2016	P7 CFJV PP484 (2016)	263778	774447	476.51	0.46	-	-	H12
Friday, July 29, 2016	P7 CFJV PP485 (2016)	263715	774444	457.88	0.00	-	-	U4b/MG1
Friday, July 29, 2016	P7 CFJV PP486 (2016)	263733	774455	467.77	0.05	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP487 (2016)	263745	774461	471.14	0.15	-	-	H12
Friday, July 29, 2016	P7 CFJV PP488 (2016)	263706	774399	459.72	0.05	-	-	H12a/U4b
Friday, July 29, 2016	P7 CFJV PP489 (2016)	263668	774479	459.16	0.00	-	-	H12a/U4b
Friday, July 29, 2016	P7 CFJV PP490 (2016)	263690	774495	457.59	0.13	-	-	U4b/MG1
Friday, July 29, 2016	P7 CFJV PP491 (2016)	263698	774500	462.38	0.20	-	-	M15b/M25a/M15a/U5
Friday, July 29, 2016	P7 CFJV PP492 (2016)	263711	774506	468.47	0.00	-	-	M15b/M25a/M15a/U5
Friday, July 29, 2016	P7 CFJV PP493 (2016)	263646	774592	457.57	0.05	-	-	H12/U4b/M11
Friday, July 29, 2016	P7 CFJV PP494 (2016)	263598	774612	453.32	0.35	-	-	H12a/U4b
Friday, July 29, 2016	P7 CFJV PP495 (2016)	263585	774641	455.77	0.20	-	-	H12a/U4b
Friday, July 29, 2016	P7 CFJV PP496 (2016)	263568	774674	455.40	0.23	-	-	H12a/U4b
Sunday, July 31, 2016	P7 CFJV PP497 (2016)	263555	774664	448.51	0.40	-	-	H12a/U4b
Sunday, July 31, 2016	P7 CFJV PP498 (2016)	263571	774634	448.34	0.34	-	-	H12a/U4b
Friday, July 29, 2016	P7 CFJV PP499 (2016)	263596	774568	445.13	0.60	-	-	H12a/U4b

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Friday, July 29, 2016	P7 CFJV PP500 (2016)	263582	774603	445.37	0.30	-	-	U4a/U4b
Friday, July 29, 2016	P7 CFJV PP501 (2016)	263605	774707	463.89	0.17	-	-	H12/U4/U5/CG10
Friday, July 29, 2016	P7 CFJV PP502 (2016)	263571	774738	458.76	0.10	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP503 (2016)	263584	774746	463.54	0.85	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP504 (2016)	263523	774782	460.76	0.00	-	-	H12a/U4b
Sunday, July 31, 2016	P7 CFJV PP505 (2016)	263512	774775	459.18	0.42	-	-	H12a/U4b
Sunday, July 31, 2016	P7 CFJV PP506 (2016)	263553	774722	456.12	0.10	-	-	H12a/U4b
Sunday, July 31, 2016	P7 CFJV PP507 (2016)	263491	774845	461.47	0.05	-	-	H12a/U4b
Sunday, July 31, 2016	P7 CFJV PP508 (2016)	263579	774681	457.33	0.10	-	-	H12a/U4b
Sunday, July 31, 2016	P7 CFJV PP509 (2016)	263596	774646	458.37	0.05	-	-	H12a/U4b
Friday, July 29, 2016	P7 CFJV PP510 (2016)	263648	774534	458.91	0.20	-	-	H12a/U4b
Friday, July 29, 2016	P7 CFJV PP511 (2016)	263638	774528	455.48	0.25	-	-	H12a/U4b
Friday, July 29, 2016	P7 CFJV PP512 (2016)	263579	774718	457.76	0.13	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP513 (2016)	263594	774728	464.33	0.40	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP514 (2016)	263559	774759	457.88	0.09	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP515 (2016)	263572	774767	462.68	0.80	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP516 (2016)	263668	774546	458.54	0.00	-	-	H12/U4b/M11
Sunday, July 31, 2016	P7 CFJV PP517 (2016)	263615	774656	457.84	0.08	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP518 (2016)	263542	774795	457.96	0.20	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP519 (2016)	263510	774857	458.20	0.05	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP520 (2016)	263518	774862	459.64	0.20	-	-	H12/U4/U5/CG10
Friday, July 29, 2016	P7 CFJV PP521 (2016)	263470	774963	458.80	0.05	-	-	H12/U4/U5/CG10
Friday, July 29, 2016	P7 CFJV PP522 (2016)	263412	775026	452.97	0.31	-	-	W23a/H12a/OV27
Friday, July 29, 2016	P7 CFJV PP523 (2016)	263370	775001	439.75	0.43	-	-	M6a/M15b
Friday, July 29, 2016	P7 CFJV PP524 (2016)	263380	775107	449.11	0.21	-	-	H12a/U4a
Friday, July 29, 2016	P7 CFJV PP525 (2016)	263346	775089	441.75	1.20	-	-	U4a/U4b/M23a
Friday, July 29, 2016	P7 CFJV PP526 (2016)	263377	775058	445.11	0.80	-	-	U4a/U4b/M23a
Friday, July 29, 2016	P7 CFJV PP527 (2016)	263349	775137	446.00	0.60	-	-	U4a/U4b/M23a
Friday, July 29, 2016	P7 CFJV PP528 (2016)	263306	775208	447.06	0.90	-	-	U4a/U4b/M23a
Friday, July 29, 2016	P7 CFJV PP529 (2016)	263262	775267	446.79	0.45	-	-	-
Friday, July 29, 2016	P7 CFJV PP530 (2016)	263318	775163	442.57	0.76	-	-	U4a/U4b/M23a
Sunday, July 31, 2016	P7 CFJV PP531 (2016)	263327	775127	437.97	0.32	-	-	U4a/U4b/M23a
Friday, July 29, 2016	P7 CFJV PP532 (2016)	263367	775145	449.49	0.15	-	-	H12a/U4a
Sunday, July 31, 2016	P7 CFJV PP533 (2016)	263446	775027	459.07	0.05	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP534 (2016)	263453	775031	466.94	0.00	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP535 (2016)	263434	775082	463.48	0.05	-	-	U4b/MG1
Sunday, July 31, 2016	P7 CFJV PP536 (2016)	263441	775086	467.59	0.15	-	-	U4b/MG1
Sunday, July 31, 2016	P7 CFJV PP537 (2016)	263397	775115	458.41	0.10	-	-	H12a/U4a
Sunday, July 31, 2016	P7 CFJV PP538 (2016)	263410	775073	457.68	0.05	-	-	H12a/U4a
Sunday, July 31, 2016	P7 CFJV PP539 (2016)	263423	775033	459.21	0.05	-	-	W23a/H12a/OV27
Sunday, July 31, 2016	P7 CFJV PP540 (2016)	263381	775154	457.39	0.15	-	-	H12a/U4a
Sunday, July 31, 2016	P7 CFJV PP541 (2016)	263366	775188	456.56	0.00	-	-	H12a/U4a
Friday, July 29, 2016	P7 CFJV PP542 (2016)	263295	775201	444.54	0.41	-	-	U4a/U4b/M23a
Friday, July 29, 2016	P7 CFJV PP543 (2016)	263275	775232	445.54	0.56	-	-	U4a/U4b/M23a
Friday, July 29, 2016	P7 CFJV PP544 (2016)	263292	775248	447.84	0.80	-	-	U4a/M23a/CG10a/M6c
Friday, July 29, 2016	P7 CFJV PP545 (2016)	263269	775274	447.27	0.61	-	-	U4a/M23a/CG10a/M6c
Sunday, July 31, 2016	P7 CFJV PP546 (2016)	263256	775260	445.24	0.38	-	-	U4a/U4b/M23a
Sunday, July 31, 2016	P7 CFJV PP547 (2016)	263253	775300	447.07	0.73	-	-	U4a/M23a/CG10a/M6c
Sunday, July 31, 2016	P7 CFJV PP548 (2016)	263239	775283	445.67	0.10	-	-	U4a/U4b/M23a
Sunday, July 31, 2016	P7 CFJV PP549 (2016)	263317	775218	447.10	0.52	-	-	U4a/M23a/CG10a/M6c

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Sunday, July 31, 2016	P7 CFJV PP550 (2016)	263330	775228	450.96	0.27	-	-	H12a/U4a
Sunday, July 31, 2016	P7 CFJV PP551 (2016)	263343	775238	457.53	0.15	-	-	H12a/U4a
Sunday, July 31, 2016	P7 CFJV PP552 (2016)	263304	775259	452.21	0.95	-	-	U4a/M23a/CG10a/M6c
Sunday, July 31, 2016	P7 CFJV PP553 (2016)	263316	775274	454.84	0.46	-	-	H12a/U4a
Sunday, July 31, 2016	P7 CFJV PP554 (2016)	263283	775290	454.39	0.67	-	-	U4a/M23a/CG10a/M6c
Sunday, July 31, 2016	P7 CFJV PP555 (2016)	263303	775308	454.74	0.32	-	-	H12a/U4a
Sunday, July 31, 2016	P7 CFJV PP556 (2016)	263268	775395	456.40	0.25	-	-	H12a/U4a
Sunday, July 31, 2016	P7 CFJV PP557 (2016)	263253	775387	453.45	1.80	-	-	U4a/M23a/CG10a/M6c
Sunday, July 31, 2016	P7 CFJV PP558 (2016)	263297	775350	460.88	0.20	-	-	H12a/U4a
Sunday, July 31, 2016	P7 CFJV PP559 (2016)	263258	775453	461.15	0.15	-	-	H12a/U4a
Sunday, July 31, 2016	P7 CFJV PP560 (2016)	263414	775126	460.41	0.00	-	-	U4b/MG1
Sunday, July 31, 2016	P7 CFJV PP561 (2016)	263423	775130	464.13	0.08	-	-	U4b/MG1
Sunday, July 31, 2016	P7 CFJV PP562 (2016)	263399	775163	459.96	0.00	-	-	U4b/MG1
Sunday, July 31, 2016	P7 CFJV PP563 (2016)	263406	775168	462.18	0.23	-	-	U4b/MG1
Sunday, July 31, 2016	P7 CFJV PP564 (2016)	263385	775200	460.42	0.09	-	-	U4b/MG1
Sunday, July 31, 2016	P7 CFJV PP565 (2016)	263393	775204	462.64	0.17	-	-	U4b/MG1
Sunday, July 31, 2016	P7 CFJV PP566 (2016)	263362	775250	461.37	0.00	-	-	U4b/H12
Sunday, July 31, 2016	P7 CFJV PP567 (2016)	263372	775256	465.38	0.00	-	-	U4b/MG1
Sunday, July 31, 2016	P7 CFJV PP568 (2016)	263343	775294	460.51	0.05	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP569 (2016)	263351	775299	463.63	0.08	-	-	M15b/M15a
Friday, July 29, 2016	P7 CFJV PP570 (2016)	263325	775335	460.87	0.05	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP571 (2016)	263336	775342	465.85	0.00	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP572 (2016)	263348	775348	471.84	0.05	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP573 (2016)	263310	775367	461.00	0.10	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP574 (2016)	263325	775376	465.48	0.00	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP575 (2016)	263338	775383	472.50	0.05	At/ near surface	Boggy conditions	M17a/M1/M2
Friday, July 29, 2016	P7 CFJV PP576 (2016)	263292	775407	461.22	0.05	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP577 (2016)	263309	775415	464.62	0.00	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP578 (2016)	263326	775423	474.30	0.30	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP579 (2016)	263282	775467	462.27	0.13	-	-	U4b/H12
Friday, July 29, 2016	P7 CFJV PP580 (2016)	263298	775473	470.57	0.20	At/ near surface	Boggy conditions	M17a/M1/M2
Friday, July 29, 2016	P7 CFJV PP581 (2016)	263232	775530	459.61	0.10	-	-	U4b/U4a/H12a
Friday, July 29, 2016	P7 CFJV PP582 (2016)	263205	775519	453.82	0.24	-	-	U4b/U4a/H12a
Friday, July 29, 2016	P7 CFJV PP583 (2016)	263231	775506	456.09	0.34	-	-	U4b/U4a/H12a
Friday, July 29, 2016	P7 CFJV PP584 (2016)	263207	775486	452.11	0.15	-	-	U4b/U4a/H12a
Friday, July 29, 2016	P7 CFJV PP585 (2016)	263269	775541	459.57	0.00	-	-	U5/H12/U6/U4
Friday, July 29, 2016	P7 CFJV PP586 (2016)	263284	775580	464.21	0.05	-	-	U5/H12/U6/U4
Friday, July 29, 2016	P7 CFJV PP587 (2016)	263274	775621	466.38	0.07	-	-	U5a/M15b/U4a
Friday, July 29, 2016	P7 CFJV PP588 (2016)	263301	775584	465.82	0.23	-	-	U5/H12/U6/U4
Friday, July 29, 2016	P7 CFJV PP589 (2016)	263262	775576	461.19	0.11	-	-	U5/H12/U6/U4
Sunday, July 31, 2016	P7 CFJV PP590 (2016)	263251	775615	462.74	0.12	-	-	H12a/H10b
Sunday, July 31, 2016	P7 CFJV PP591 (2016)	263285	775625	467.51	0.30	-	-	H12a/H10b
Friday, July 29, 2016	P7 CFJV PP592 (2016)	263267	775656	469.73	0.10	-	-	H12a/H10b
Friday, July 29, 2016	P7 CFJV PP593 (2016)	263240	775649	460.63	0.10	-	-	H12a/H10b
Friday, July 29, 2016	P7 CFJV PP594 (2016)	263278	775659	471.54	0.22	-	-	H12a/H10b
Friday, July 29, 2016	P7 CFJV PP595 (2016)	263282	775662	463.42	0.17	-	-	U5/H12/U6/U4
Friday, July 29, 2016	P7 CFJV PP596 (2016)	263301	775549	463.55	0.10	-	-	U5/H12/U6/U4
Friday, July 29, 2016	P7 CFJV PP597 (2016)	263278	775504	462.53	0.16	-	-	H12/U4/U5
Friday, July 29, 2016	P7 CFJV PP598 (2016)	263460	774902	464.81	0.00	-	-	W23a/H12a/OV27
Friday, July 29, 2016	P7 CFJV PP599 (2016)	263450	774896	462.06	0.10	-	-	W23a/H12a/OV27

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Comments	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Friday, July 29, 2016	P7 CFJV PP600 (2016)	263434	774888	451.28	0.10	-	-	W23a/H12a/OV27
Friday, July 29, 2016	P7 CFJV PP601 (2016)	263419	774943	453.40	0.25	-	-	W23a/H12a/OV27
Friday, July 29, 2016	P7 CFJV PP602 (2016)	263427	774986	460.30	0.20	-	-	W23a/H12a/OV27
Friday, July 29, 2016	P7 CFJV PP603 (2016)	263418	774983	454.67	0.22	-	-	W23a/H12a/OV27
Friday, July 29, 2016	P7 CFJV PP604 (2016)	263400	774981	449.20	0.00	-	-	-
Friday, July 29, 2016	P7 CFJV PP605 (2016)	263393	774979	449.29	0.34	-	-	U4a/U4b/M23a
Friday, July 29, 2016	P7 CFJV PP606 (2016)	263378	774976	442.58	0.23	-	-	M6a/M15b
Sunday, July 31, 2016	P7 CFJV PP607 (2016)	263485	774913	458.52	0.00	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP608 (2016)	263492	774916	459.26	0.10	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP609 (2016)	263553	774805	463.78	0.68	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP610 (2016)	263525	774906	470.29	1.40	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP611 (2016)	263502	774980	469.52	0.08	-	-	H12/U4/U5/CG10
Sunday, July 31, 2016	P7 CFJV PP612 (2016)	263226	775372	449.70	1.30	-	-	U4a/M23a/CG10a/M6c
Sunday, July 31, 2016	P7 CFJV PP613 (2016)	263230	775690	460.94	0.23	-	-	U4b/MG1
Sunday, July 31, 2016	P7 CFJV PP614 (2016)	263260	775618	465.05	0.14	-	-	H12a/H10b
Thursday, July 28, 2016	P7 CFJV PP615 (2016)	263272	775577	463.16	0.14	-	-	U5/H12/U6/U4
Thursday, July 28, 2016	P7 CFJV PP616 (2016)	263252	775652	464.66	0.08	-	-	H12a/H10b
Thursday, July 28, 2016	P7 CFJV PP617 (2016)	263220	775567	458.52	0.08	-	-	U4b/U4a/H12a
Thursday, July 28, 2016	P7 CFJV PP618 (2016)	263201	775562	455.66	0.53	-	-	U4b/U4a/H12a
Thursday, July 28, 2016	P7 CFJV PP619 (2016)	263179	775766	455.49	0.00	-	-	H21a/U4a/H12a/OV27
Thursday, July 28, 2016	P7 CFJV PP620 (2016)	263158	775760	453.74	0.62	At/ near surface	Boggy conditions	M17a/M15b
Sunday, July 31, 2016	P7 CFJV PP621 (2016)	263197	775670	455.96	0.00	-	-	H21a/U4a/H12a/OV27
Wednesday, July 27, 2016	P7 CFJV PP622 (2016)	263177	775660	455.36	0.15	-	-	H21a/U4a/H12a/OV27
Wednesday, July 27, 2016	P7 CFJV PP623 (2016)	263155	775885	456.25	0.00	-	-	U4a/H12c/OV27
Wednesday, July 27, 2016	P7 CFJV PP624 (2016)	263133	775873	453.91	2.70	At/ near surface	Boggy conditions	M17a/M17b
Wednesday, July 27, 2016	P7 CFJV PP625 (2016)	263106	775864	452.55	1.56	At/ near surface	Boggy conditions	M17a/M17b
Sunday, July 31, 2016	P7 CFJV PP626 (2016)	263134	775752	452.09	0.95	At/ near surface	Boggy conditions	M17a/M15b
Wednesday, July 27, 2016	P7 CFJV PP627 (2016)	263152	775651	451.85	1.23	At/ near surface	Boggy conditions	M17a/M15b
Wednesday, July 27, 2016	P7 CFJV PP628 (2016)	263175	775554	453.50	0.48	-	-	U4b/OV25/MG1
Wednesday, July 27, 2016	P7 CFJV PP629 (2016)	263222	775725	461.14	0.32	-	-	U4b/MG1
Wednesday, July 27, 2016	P7 CFJV PP630 (2016)	263049	775774	449.96	2.10	At/ near surface	Boggy conditions	M17a/M17b
Wednesday, July 27, 2016	P7 CFJV PP631 (2016)	263102	775573	450.37	2.41	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP632 (2016)	262994	775982	452.08	3.50	At/ near surface	Boggy conditions	M17a/M17b
Wednesday, July 27, 2016	P7 CFJV PP633 (2016)	262947	776137	451.92	1.60	At/ near surface	Boggy conditions	M19/M17
Wednesday, July 27, 2016	P7 CFJV PP634 (2016)	262896	776296	450.89	1.40	At/ near surface	Boggy conditions	M19/M17
Wednesday, July 27, 2016	P7 CFJV PP635 (2016)	262937	776545	450.46	0.00	-	-	S9a
Wednesday, July 27, 2016	P7 CFJV PP636 (2016)	263213	775778	461.41	0.12	-	-	U4b/MG1
Wednesday, July 27, 2016	P7 CFJV PP637 (2016)	263204	775827	461.15	0.10	-	-	U4b/MG1
Wednesday, July 27, 2016	P7 CFJV PP638 (2016)	263215	775831	456.95	0.17	-	-	U4b/MG1
Sunday, July 31, 2016	P7 CFJV PP639 (2016)	263190	775895	460.55	0.13	-	-	U4b/MG1
Thursday, July 28, 2016	P7 CFJV PP640 (2016)	263199	775899	461.28	0.16	-	-	H12/H21a
Sunday, July 31, 2016	P7 CFJV PP641 (2016)	263173	775958	460.16	0.14	-	-	U4b/MG1
Sunday, July 31, 2016	P7 CFJV PP642 (2016)	263146	776043	459.05	0.00	-	-	H21a/U5/M19a/M15a
Sunday, July 31, 2016	P7 CFJV PP643 (2016)	263159	776048	463.85	0.32	-	-	H21a/U5/M19a/M15a
Thursday, July 28, 2016	P7 CFJV PP644 (2016)	263095	776200	457.27	0.25	-	-	H21a/U5/M19a/M15a
Thursday, July 28, 2016	P7 CFJV PP645 (2016)	263082	775738	450.91	1.09	At/ near surface	Boggy conditions	M17a/M17b
Thursday, July 28, 2016	P7 CFJV PP646 (2016)	263109	775640	451.35	4.04	-	Boggy conditions	H21a/H12a
Thursday, July 28, 2016	P7 CFJV PP647 (2016)	263055	775847	451.01	1.16	At/ near surface	Very boggy and soft ground conditions	M4
Thursday, July 28, 2016	P7 CFJV PP648 (2016)	263069	776280	456.07	0.15	-	-	U5/H21a/M23b
Thursday, July 28, 2016	P7 CFJV PP649 (2016)	263083	776288	457.86	0.25	-	-	U5/H21a/M23b

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Thursday, July 28, 2016	P7 CFJV PP650 (2016)	263106	776205	457.79	0.20	-	-	H21a/U5/M19a/M15a
Thursday, July 28, 2016	P7 CFJV PP651 (2016)	263141	776127	459.19	0.20	-	-	CP
Thursday, July 28, 2016	P7 CFJV PP652 (2016)	263048	776355	455.12	0.00	-	-	MG6
Thursday, July 28, 2016	P7 CFJV PP653 (2016)	263021	776457	454.58	0.00	-	-	MG6
Thursday, July 28, 2016	P7 CFJV PP654 (2016)	262995	776514	453.42	0.00	-	-	MG6
Thursday, July 28, 2016	P7 CFJV PP655 (2016)	262976	776560	454.03	0.00	-	-	H21a/H12a/U4/MG1
Thursday, July 28, 2016	P7 CFJV PP656 (2016)	262988	776564	454.82	0.05	-	-	H21a/H12a/U4/MG1
Thursday, July 28, 2016	P7 CFJV PP657 (2016)	262956	776604	454.37	0.00	-	-	H21a/H12a/U4/MG1
Thursday, July 28, 2016	P7 CFJV PP658 (2016)	262964	776607	458.08	0.00	-	-	H21a/H12a/U4/MG1
Thursday, July 28, 2016	P7 CFJV PP659 (2016)	262974	776613	458.68	0.30	-	-	H21a/H12a/U4/MG1
Thursday, July 28, 2016	P7 CFJV PP660 (2016)	262943	776644	454.42	0.15	-	-	H21a/H12a/U4/MG1
Sunday, July 31, 2016	P7 CFJV PP661 (2016)	262949	776647	454.98	2.00	-	-	H21a/H12a/U4/MG1
Sunday, July 31, 2016	P7 CFJV PP662 (2016)	262932	776676	454.64	0.00	-	-	U5/U4
Friday, July 29, 2016	P7 CFJV PP663 (2016)	262890	776703	451.18	4.19	At/near surface	Boggy conditions	M15b
Friday, July 29, 2016	P7 CFJV PP664 (2016)	262879	776701	451.23	2.01	-	-	H12a/U4a/OV27/SWS
Friday, July 29, 2016	P7 CFJV PP665 (2016)	262859	776692	451.00	2.33	At/near surface	-	M15b
Friday, July 29, 2016	P7 CFJV PP666 (2016)	262867	776764	454.01	0.15	-	-	U4a/H12a
Friday, July 29, 2016	P7 CFJV PP667 (2016)	262847	776755	451.42	0.37	-	-	U4a/H12a
Friday, July 29, 2016	P7 CFJV PP668 (2016)	262917	776724	454.85	0.00	-	-	U5/U4
Friday, July 29, 2016	P7 CFJV PP669 (2016)	262923	776727	456.09	0.00	-	-	U5/U4
Friday, July 29, 2016	P7 CFJV PP670 (2016)	262886	776807	454.80	0.00	-	-	U4/H12a/OV25/U5
Friday, July 29, 2016	P7 CFJV PP671 (2016)	262894	776811	455.40	0.10	-	-	H12/M11
Friday, July 29, 2016	P7 CFJV PP672 (2016)	262825	776816	450.07	1.46	At/near surface	-	M15b
Friday, July 29, 2016	P7 CFJV PP673 (2016)	262814	776897	453.51	0.15	-	-	M15b
Friday, July 29, 2016	P7 CFJV PP674 (2016)	262804	776892	453.05	0.45	-	-	H21a/H12a/M15b
Sunday, July 31, 2016	P7 CFJV PP675 (2016)	262859	776867	454.83	0.05	-	-	U4/H12a/OV25/U5
Friday, July 29, 2016	P7 CFJV PP676 (2016)	262870	776873	459.13	0.10	-	-	H12/M11
Friday, July 29, 2016	P7 CFJV PP677 (2016)	262783	776883	450.91	0.50	-	-	H21a/H12a/M15b
Friday, July 29, 2016	P7 CFJV PP678 (2016)	262730	776909	448.94	1.23	-	-	H21a/H12a/M15b
Friday, July 29, 2016	P7 CFJV PP679 (2016)	262840	776911	454.58	0.00	-	-	M15b/U5/M15a/U4/M10/M11/M6d
Friday, July 29, 2016	P7 CFJV PP680 (2016)	262851	776916	455.02	0.00	-	-	M15b/U5/M15a/U4/M10/M11/M6d
Friday, July 29, 2016	P7 CFJV PP681 (2016)	262861	776922	456.26	0.00	-	-	M15b/U5/M15a/U4/M10/M11/M6d
Sunday, July 31, 2016	P7 CFJV PP682 (2016)	262818	776959	454.11	0.29	-	-	M15b/U5/M15a/U4/M10/M11/M6d
Sunday, July 31, 2016	P7 CFJV PP683 (2016)	262826	776964	454.38	0.38	-	-	M15b/U5/M15a/U4/M10/M11/M6d
Friday, July 29, 2016	P7 CFJV PP684 (2016)	262780	777043	453.49	0.00	-	-	U4/H12a/H10/OV24
Friday, July 29, 2016	P7 CFJV PP685 (2016)	265153	772811	430.31	0.05	-	-	U4a
Friday, July 29, 2016	P7 CFJV PP686 (2016)	265099	772828	426.75	0.21	-	-	U4a
Sunday, July 31, 2016	P7 CFJV PP687 (2016)	264832	773026	431.58	0.17	-	-	U4a/CG10a
Friday, July 29, 2016	P7 CFJV PP688 (2016)	264886	772980	430.70	0.00	-	-	U4a/CG10a
Friday, July 29, 2016	P7 CFJV PP689 (2016)	264943	772938	430.09	0.00	-	-	U4a/CG10a
Sunday, July 31, 2016	P7 CFJV PP690 (2016)	264991	772900	430.04	0.10	-	-	U4a
Sunday, July 31, 2016	P7 CFJV PP691 (2016)	264660	773177	428.00	1.20	-	-	M23b/M6/M23a/U6
Friday, July 29, 2016	P7 CFJV PP692 (2016)	264480	773311	431.09	1.15	-	-	M15b/M25a/OV27
Friday, July 29, 2016	P7 CFJV PP693 (2016)	264467	773301	429.66	2.25	-	-	M15b/M25a/OV27
Tuesday, July 26, 2016	P7 CFJV PP694 (2016)	264507	773334	439.45	0.40	-	-	H12a/OV27/SWS/M25a
Tuesday, July 26, 2016	P7 CFJV PP695 (2016)	264524	773347	442.94	0.35	-	-	H12a/OV27/SWS/M25a
Tuesday, July 26, 2016	P7 CFJV PP696 (2016)	264493	773372	443.16	0.20	-	-	H12a/OV27/SWS/M25a
Tuesday, July 26, 2016	P7 CFJV PP697 (2016)	264449	773338	433.05	0.15	-	-	M15b/M25a/OV27
Tuesday, July 26, 2016	P7 CFJV PP698 (2016)	264504	773275	432.48	1.40	-	-	M15b/M25a/OV27
Tuesday, July 26, 2016	P7 CFJV PP699 (2016)	264586	773272	432.18	0.00	-	-	OV27/OV25/U4/MG1

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Tuesday, July 26, 2016	P7 CFJV PP700 (2016)	264576	773257	432.61	0.05	-	-	OV27/OV25/U4/MG1
Tuesday, July 26, 2016	P7 CFJV PP701 (2016)	264544	773332	442.78	0.25	-	-	H12a/OV27/SWS/M25a
Tuesday, July 26, 2016	P7 CFJV PP702 (2016)	264454	773401	443.75	0.30	-	-	H12a/OV27/SWS/M25a
Tuesday, July 26, 2016	P7 CFJV PP703 (2016)	264504	773299	435.93	0.05	-	-	M15b/M25a/OV27
Tuesday, July 26, 2016	P7 CFJV PP704 (2016)	264490	773293	431.60	3.30	-	-	M15b/M25a/OV27
Tuesday, July 26, 2016	P7 CFJV PP705 (2016)	264403	773443	445.36	0.05	-	-	H12a/OV27/SWS/M25a
Tuesday, July 26, 2016	P7 CFJV PP706 (2016)	264393	773431	441.43	0.10	-	-	H12a/OV27/SWS/M25a
Tuesday, July 26, 2016	P7 CFJV PP707 (2016)	264370	773476	445.47	0.00	-	-	H12a/U4a/U4b/OV27
Tuesday, July 26, 2016	P7 CFJV PP708 (2016)	264357	773461	440.47	0.10	-	-	U4a/OV25/M6a
Tuesday, July 26, 2016	P7 CFJV PP709 (2016)	264319	773529	447.04	0.10	-	-	H12a/U4a/U4b/OV27
Tuesday, July 26, 2016	P7 CFJV PP710 (2016)	264306	773513	439.73	0.20	-	-	U4a/OV25/M6a
Tuesday, July 26, 2016	P7 CFJV PP711 (2016)	264286	773571	448.68	0.20	-	-	H12a/U4a/U4b/OV27
Tuesday, July 26, 2016	P7 CFJV PP712 (2016)	264320	773604	454.11	0.88	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP713 (2016)	264337	773621	459.62	0.88	-	-	CP
Tuesday, July 26, 2016	P7 CFJV PP714 (2016)	264219	773651	449.16	0.15	-	-	H12a/U4a/U4b/OV27
Tuesday, July 26, 2016	P7 CFJV PP715 (2016)	264206	773638	442.87	0.30	-	-	U4a/OV25/M6a
Tuesday, July 26, 2016	P7 CFJV PP716 (2016)	264173	773708	449.24	0.05	-	-	H12a/U4a/U4b/OV27
Tuesday, July 26, 2016	P7 CFJV PP717 (2016)	264154	773691	441.95	0.14	-	-	U4a/OV25/M6a
Tuesday, July 26, 2016	P7 CFJV PP718 (2016)	264259	773605	449.64	0.07	-	-	H12a/U4a/U4b/OV27
Tuesday, July 26, 2016	P7 CFJV PP719 (2016)	264248	773593	444.26	0.41	-	-	U4a/OV25/M6a
Tuesday, July 26, 2016	P7 CFJV PP720 (2016)	264187	773622	437.92	0.82	-	-	U4a/OV25/M6a
Tuesday, July 26, 2016	P7 CFJV PP721 (2016)	264133	773760	450.33	0.10	-	-	H12a/U4a/U4b/OV27
Tuesday, July 26, 2016	P7 CFJV PP722 (2016)	264123	773752	446.83	0.38	-	-	U4a/OV25/M6a
Sunday, July 31, 2016	P7 CFJV PP723 (2016)	264083	773821	450.35	0.00	-	-	H12a/U4a/U4b/OV27
Sunday, July 31, 2016	P7 CFJV PP724 (2016)	264069	773808	443.62	0.12	-	-	U4a/OV25/M6a
Sunday, July 31, 2016	P7 CFJV PP725 (2016)	264025	773892	449.78	0.05	-	-	H12a/U4a/U4b/OV27
Sunday, July 31, 2016	P7 CFJV PP726 (2016)	264012	773881	440.84	0.20	-	-	H12a/U4a/U4b/OV27
Sunday, July 31, 2016	P7 CFJV PP727 (2016)	263992	773865	434.10	0.41	-	-	U4a/OV25/M6a
Sunday, July 31, 2016	P7 CFJV PP728 (2016)	263982	773856	431.47	0.60	-	-	U4a/OV25/M6a
Sunday, July 31, 2016	P7 CFJV PP729 (2016)	264051	773795	435.71	0.41	-	-	U4a/OV25/M6a
Sunday, July 31, 2016	P7 CFJV PP730 (2016)	264036	773785	430.86	0.10	-	-	U4a/OV25/M6a
Sunday, July 31, 2016	P7 CFJV PP731 (2016)	263970	773963	451.35	0.10	-	-	H12a/U4a/U4b/OV27
Sunday, July 31, 2016	P7 CFJV PP732 (2016)	263958	773953	443.40	0.15	-	-	H12a/U4a/U4b/OV27
Sunday, July 31, 2016	P7 CFJV PP733 (2016)	263948	773944	438.43	0.14	-	-	U4a/U4b
Sunday, July 31, 2016	P7 CFJV PP734 (2016)	263932	773931	433.29	0.21	-	-	U4a/U4b
Sunday, July 31, 2016	P7 CFJV PP735 (2016)	263994	773931	450.43	0.24	-	-	H12a/U4a/U4b/OV27
Sunday, July 31, 2016	P7 CFJV PP736 (2016)	263953	773898	432.34	0.31	-	-	U4a/OV25/M6a
Sunday, July 31, 2016	P7 CFJV PP737 (2016)	263917	774034	452.66	0.05	-	-	H12a/U4a/U4b/OV27
Sunday, July 31, 2016	P7 CFJV PP738 (2016)	263899	774021	442.95	0.20	-	-	U4a/U4b
Sunday, July 31, 2016	P7 CFJV PP739 (2016)	263862	774112	452.91	0.10	-	-	H12a/U4a/U4b/OV27
Sunday, July 31, 2016	P7 CFJV PP740 (2016)	263792	774178	447.18	0.35	-	-	U4a/U4b
Sunday, July 31, 2016	P7 CFJV PP741 (2016)	263718	774240	449.48	0.21	-	-	U4a/U4b
Sunday, July 31, 2016	P7 CFJV PP742 (2016)	263715	774313	458.18	0.19	-	-	U4a/U4b
Sunday, July 31, 2016	P7 CFJV PP743 (2016)	263875	774003	434.96	0.31	-	-	U4a/U4b
Sunday, July 31, 2016	P7 CFJV PP744 (2016)	263816	774078	443.14	0.35	-	-	U4a/U4b
Sunday, July 31, 2016	P7 CFJV PP745 (2016)	263758	774150	440.10	0.25	-	-	U4a/U4b
Sunday, July 31, 2016	P7 CFJV PP746 (2016)	263680	774291	448.49	0.26	-	-	U4a/U4b
Sunday, July 31, 2016	P7 CFJV PP747 (2016)	263661	774373	444.12	0.12	-	-	U4a/U4b
Sunday, July 31, 2016	P7 CFJV PP748 (2016)	263633	774461	445.25	0.36	-	-	H12a/U4b
Sunday, July 31, 2016	P7 CFJV PP749 (2016)	263695	774563	468.72	0.00	-	-	H12/U4b/M11

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Comments	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Sunday, July 31, 2016	P7 CFJV PP750 (2016)	263036	776408	454.50	0.00	-	-	MG6
Sunday, July 31, 2016	P7 CFJV PP751 (2016)	262731	777139	452.19	0.00	-	-	U4/H12a/H10/OV24
Sunday, July 31, 2016	P7 CFJV PP752 (2016)	262743	777147	458.18	0.17	-	-	U4/H12a/H10/OV24
Sunday, July 31, 2016	P7 CFJV PP753 (2016)	262755	777155	462.96	0.17	-	-	H12a/U4/M11/M32
Sunday, July 31, 2016	P7 CFJV PP754 (2016)	262698	777201	451.00	0.05	-	-	U4/H12a/H10/OV24
Sunday, July 31, 2016	P7 CFJV PP755 (2016)	262710	777208	457.14	0.30	-	-	U4/H12a/H10/OV24
Sunday, July 31, 2016	P7 CFJV PP756 (2016)	262725	777217	462.77	0.52	-	-	U4/H12a/H10/OV24
Sunday, July 31, 2016	P7 CFJV PP757 (2016)	262675	777252	450.16	0.05	-	-	U4/H12a/H10/OV24
Wednesday, July 27, 2016	P7 CFJV PP758 (2016)	262684	777260	454.00	0.10	-	-	U4/H12a/H10/OV24
Wednesday, July 27, 2016	P7 CFJV PP759 (2016)	262697	777269	456.78	0.16	-	-	H18b/U4a/CG10c/H12a
Wednesday, July 27, 2016	P7 CFJV PP760 (2016)	262713	777169	451.48	0.00	-	-	U4/H12a/H10/OV24
Wednesday, July 27, 2016	P7 CFJV PP761 (2016)	262744	777109	452.46	0.00	-	-	U4/H12a/H10/OV24
Wednesday, July 27, 2016	P7 CFJV PP762 (2016)	262686	777227	450.67	0.00	-	-	U4/H12a/H10/OV24
Wednesday, July 27, 2016	P7 CFJV PP763 (2016)	262703	777236	456.44	0.06	-	-	H18b/U4a/CG10c/H12a
Wednesday, July 27, 2016	P7 CFJV PP764 (2016)	262729	777177	458.02	0.05	-	-	U4/H12a/H10/OV24
Wednesday, July 27, 2016	P7 CFJV PP765 (2016)	262674	777183	449.63	0.00	-	-	U4a/OV27
Wednesday, July 27, 2016	P7 CFJV PP766 (2016)	262666	777178	447.53	0.21	-	-	U4a/OV27/H12a
Wednesday, July 27, 2016	P7 CFJV PP767 (2016)	262729	777074	449.02	0.00	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP768 (2016)	262721	777068	447.52	0.21	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP769 (2016)	262771	776987	452.50	2.26	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP770 (2016)	262760	776981	450.53	0.35	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP771 (2016)	262801	777005	454.29	0.10	-	-	U4/H12a/H10/OV24
Wednesday, July 27, 2016	P7 CFJV PP772 (2016)	262734	776967	449.01	0.65	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP773 (2016)	262810	777012	461.58	0.10	-	-	H12a/U4/M11/M32
Wednesday, July 27, 2016	P7 CFJV PP774 (2016)	262558	778456	427.50	2.37	At/near surface	-	M6a/M23a/M15b
Wednesday, July 27, 2016	P7 CFJV PP775 (2016)	262570	778454	427.93	0.15	-	-	U4a
Wednesday, July 27, 2016	P7 CFJV PP776 (2016)	262531	778459	427.64	0.21	At/near surface	-	M15b
Wednesday, July 27, 2016	P7 CFJV PP777 (2016)	262595	778522	427.84	0.16	-	-	U4a
Wednesday, July 27, 2016	P7 CFJV PP778 (2016)	262697	778828	426.85	0.32	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP779 (2016)	262679	778779	427.68	0.77	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP780 (2016)	262661	778787	427.73	0.00	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP781 (2016)	262639	778797	424.47	0.50	At/near surface	-	M15b/M6a
Wednesday, July 27, 2016	P7 CFJV PP782 (2016)	262663	778727	426.59	0.00	-	-	U4a/H12a
Wednesday, July 27, 2016	P7 CFJV PP783 (2016)	262646	778732	425.49	0.60	-	-	H21a/H12a/M15b
Wednesday, July 27, 2016	P7 CFJV PP784 (2016)	262622	778740	425.04	0.80	At/near surface	-	M15b/M6a
Wednesday, July 27, 2016	P7 CFJV PP785 (2016)	262647	778683	428.21	0.46	-	-	U4a/H12a
Wednesday, July 27, 2016	P7 CFJV PP786 (2016)	262620	778695	425.42	1.49	-	-	H21a
Wednesday, July 27, 2016	P7 CFJV PP787 (2016)	262595	778704	425.06	0.71	-	-	H21a
Wednesday, July 27, 2016	P7 CFJV PP788 (2016)	262574	778661	425.46	0.44	Shallow	-	M15b/SWS
Wednesday, July 27, 2016	P7 CFJV PP789 (2016)	262567	778524	426.65	0.18	-	-	H12a/H21a
Wednesday, July 27, 2016	P7 CFJV PP790 (2016)	262599	778566	426.39	0.52	-	-	M6a
Wednesday, July 27, 2016	P7 CFJV PP791 (2016)	262733	778943	425.69	0.64	-	-	OV27/U4a/H12a
Wednesday, July 27, 2016	P7 CFJV PP792 (2016)	262753	778988	423.81	0.00	-	-	OV27/U4a/H12a
Wednesday, July 27, 2016	P7 CFJV PP793 (2016)	262774	779044	423.24	0.36	-	-	OV27/U4a/H12a
Wednesday, July 27, 2016	P7 CFJV PP794 (2016)	262791	779087	425.26	0.00	-	-	OV27/U4a/H12a
Wednesday, July 27, 2016	P7 CFJV PP795 (2016)	262777	779094	422.46	0.00	-	-	OV27/U4a/H12a
Wednesday, July 27, 2016	P7 CFJV PP796 (2016)	262809	779128	424.94	0.00	-	-	OV27/U4a/H12a
Wednesday, July 27, 2016	P7 CFJV PP797 (2016)	262796	779131	424.79	0.00	-	-	-
Wednesday, July 27, 2016	P7 CFJV PP798 (2016)	262782	779136	424.73	0.00	-	-	OV27/U4a/H12a
Wednesday, July 27, 2016	P7 CFJV PP799 (2016)	262767	779140	422.39	0.05	-	-	OV27/U4a/H12a

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Wednesday, July 27, 2016	P7 CFJV PP800 (2016)	262825	779161	424.56	0.10	-	-	OV27/U4a/H12a
Wednesday, July 27, 2016	P7 CFJV PP801 (2016)	262816	779158	423.83	0.00	-	-	OV27/U4a/H12a
Wednesday, July 27, 2016	P7 CFJV PP802 (2016)	262823	779176	425.02	0.06	-	-	U5a/H12a/U4a/M6a/OV27
Wednesday, July 27, 2016	P7 CFJV PP803 (2016)	262789	779163	424.25	0.00	-	-	-
Wednesday, July 27, 2016	P7 CFJV PP804 (2016)	262799	779184	424.03	0.00	-	-	U5a/H12a/U4a/M6a/OV27
Thursday, July 28, 2016	P7 CFJV PP805 (2016)	262819	779183	423.08	1.05	-	-	U5a/H12a/U4a/M6a/OV27
Thursday, July 28, 2016	P7 CFJV PP806 (2016)	262862	779365	420.24	0.51	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP807 (2016)	262837	779351	420.25	0.23	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP808 (2016)	262911	779653	419.25	0.75	Shallow	-	M15b/M15d
Thursday, July 28, 2016	P7 CFJV PP809 (2016)	262906	779516	421.08	1.25	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP810 (2016)	262914	779493	421.00	3.22	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP811 (2016)	262943	779514	421.59	1.05	At/near surface	-	M23a/M6a/M15b/M6d/U5a/U4a
Thursday, July 28, 2016	P7 CFJV PP812 (2016)	262935	779521	421.55	3.86	At/near surface	-	M23a/M6a/M15b/M6d/U5a/U4a
Thursday, July 28, 2016	P7 CFJV PP813 (2016)	262927	779528	421.41	2.33	At/near surface	-	M23a/M6a/M15b/M6d/U5a/U4a
Thursday, July 28, 2016	P7 CFJV PP814 (2016)	263022	779739	421.49	0.20	-	-	U5a/U4b
Thursday, July 28, 2016	P7 CFJV PP815 (2016)	263010	779742	421.03	0.18	-	-	U5a/U4b
Thursday, July 28, 2016	P7 CFJV PP816 (2016)	262992	779747	419.93	0.12	-	-	M15b/M15d
Thursday, July 28, 2016	P7 CFJV PP817 (2016)	262932	779717	418.88	0.15	-	-	M15b/U5a/U4a
Thursday, July 28, 2016	P7 CFJV PP818 (2016)	263154	780072	422.45	0.21	At/ near surface	Boggy conditions	M19a/H21a
Thursday, July 28, 2016	P7 CFJV PP819 (2016)	263138	780024	422.17	0.00	At/ near surface	Boggy conditions	M19a/H21a
Thursday, July 28, 2016	P7 CFJV PP820 (2016)	263182	780041	424.55	0.05	At/ near surface	Boggy conditions	M19a/M20/M3/M1
Thursday, July 28, 2016	P7 CFJV PP821 (2016)	263177	780026	424.54	0.26	At/ near surface	Boggy conditions	M19a/M20/M3/M1
Thursday, July 28, 2016	P7 CFJV PP822 (2016)	263186	780053	424.47	0.35	At/ near surface	Boggy conditions	M19a/M20/M3/M1
Thursday, July 28, 2016	P7 CFJV PP823 (2016)	263140	779742	427.14	1.10	-	-	M15b/M6c/M2
Thursday, July 28, 2016	P7 CFJV PP824 (2016)	263151	779740	427.12	0.75	-	-	M15b/M6c/M2
Thursday, July 28, 2016	P7 CFJV PP825 (2016)	263130	779745	428.13	0.25	-	-	CP
Thursday, July 28, 2016	P7 CFJV PP826 (2016)	263149	779787	426.31	1.53	-	-	CP
Friday, July 29, 2016	P7 CFJV PP827 (2016)	263156	779838	425.47	1.50	-	-	CP
Friday, July 29, 2016	P7 CFJV PP828 (2016)	263161	779887	424.92	0.23	-	-	CP
Friday, July 29, 2016	P7 CFJV PP829 (2016)	263117	779856	425.52	0.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP830 (2016)	263176	779881	425.29	0.42	-	-	CP
Friday, July 29, 2016	P7 CFJV PP831 (2016)	263151	779892	424.62	0.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP832 (2016)	263171	779845	425.48	2.05	-	-	CP
Friday, July 29, 2016	P7 CFJV PP833 (2016)	263140	779835	425.50	0.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP834 (2016)	263163	779786	426.43	2.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP835 (2016)	263135	779789	426.38	0.30	-	-	CP
Friday, July 29, 2016	P7 CFJV PP836 (2016)	263094	779711	427.72	0.30	-	-	CP
Friday, July 29, 2016	P7 CFJV PP837 (2016)	263091	779721	428.12	0.33	-	-	CP
Friday, July 29, 2016	P7 CFJV PP838 (2016)	263095	779702	427.86	0.25	-	-	CP
Friday, July 29, 2016	P7 CFJV PP839 (2016)	263065	779691	424.97	0.10	-	-	CP
Friday, July 29, 2016	P7 CFJV PP840 (2016)	263059	779697	425.17	0.15	-	-	CP
Friday, July 29, 2016	P7 CFJV PP841 (2016)	263073	779686	425.58	0.10	-	-	CP
Friday, July 29, 2016	P7 CFJV PP842 (2016)	263184	779945	425.21	0.83	-	-	M15b/M6c/M2
Friday, July 29, 2016	P7 CFJV PP843 (2016)	263118	779875	424.72	0.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP844 (2016)	263110	779832	425.39	0.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP845 (2016)	263070	779775	423.50	0.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP846 (2016)	263085	779826	423.01	0.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP847 (2016)	263058	779731	424.18	0.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP848 (2016)	263030	779630	423.94	0.18	-	-	MP
Friday, July 29, 2016	P7 CFJV PP849 (2016)	263016	779579	423.22	0.30	-	-	MP

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Friday, July 29, 2016	P7 CFJV PP850 (2016)	263024	779577	423.54	0.20	-	-	MP
Friday, July 29, 2016	P7 CFJV PP851 (2016)	263146	779862	425.21	0.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP852 (2016)	263213	779935	427.96	0.54	-	-	M15b/M6c/M2
Friday, July 29, 2016	P7 CFJV PP853 (2016)	263210	779944	427.19	0.57	-	-	BD - OHL
Friday, July 29, 2016	P7 CFJV PP854 (2016)	263207	779952	426.57	0.15	-	-	CP
Friday, July 29, 2016	P7 CFJV PP855 (2016)	263174	779948	424.99	0.00	-	-	M15b/M6c/M2
Friday, July 29, 2016	P7 CFJV PP856 (2016)	263201	780002	425.15	1.00	-	-	CP
Friday, July 29, 2016	P7 CFJV PP857 (2016)	263211	780000	425.59	0.70	-	-	CP
Friday, July 29, 2016	P7 CFJV PP858 (2016)	263190	780004	424.64	1.20	At/ near surface	Boggy conditions	M19a/M20/M3/M1
Friday, July 29, 2016	P7 CFJV PP859 (2016)	263198	780061	424.40	0.82	At/ near surface	Boggy conditions	M19a/M20/M3/M1
Thursday, July 28, 2016	P7 CFJV PP860 (2016)	263206	780066	424.48	0.45	-	-	CP
Friday, July 29, 2016	P7 CFJV PP861 (2016)	263206	780114	422.60	0.25	At/ near surface	Boggy conditions	M19a/M20/M3/M1
Friday, July 29, 2016	P7 CFJV PP862 (2016)	263220	780168	422.98	0.17	At/ near surface	Boggy conditions	M19a/M20/M3/M1
Friday, July 29, 2016	P7 CFJV PP863 (2016)	263236	780238	422.71	0.25	At/ near surface	Boggy conditions	M19a/M20/M3/M1
Friday, July 29, 2016	P7 CFJV PP864 (2016)	263251	780303	422.29	0.45	At/ near surface	Boggy conditions	M19a/M20/M3/M1
Friday, July 29, 2016	P7 CFJV PP865 (2016)	263265	780360	421.54	0.08	At/ near surface	Boggy conditions	M19a/M20/M3/M1
Friday, July 29, 2016	P7 CFJV PP866 (2016)	263278	780418	419.22	1.05	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP867 (2016)	263196	780115	422.03	0.05	-	-	CP
Friday, July 29, 2016	P7 CFJV PP868 (2016)	263215	780113	423.04	0.30	-	-	CP
Friday, July 29, 2016	P7 CFJV PP869 (2016)	263164	780118	421.05	0.00	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP870 (2016)	263173	780117	421.41	0.25	-	-	CP
Friday, July 29, 2016	P7 CFJV PP871 (2016)	263209	780168	422.29	0.05	-	-	CP
Friday, July 29, 2016	P7 CFJV PP872 (2016)	263181	780170	420.38	0.05	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP873 (2016)	263173	780171	420.96	0.05	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP874 (2016)	263228	780167	423.40	0.35	At/ near surface	Boggy conditions	M19a/M20/M3/M1
Friday, July 29, 2016	P7 CFJV PP875 (2016)	263205	780241	421.12	0.05	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP876 (2016)	263195	780241	420.31	0.00	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP877 (2016)	263244	780236	423.08	0.40	At/ near surface	Boggy conditions	M19a/M20/M3/M1
Friday, July 29, 2016	P7 CFJV PP878 (2016)	263216	780239	421.80	0.31	-	-	CP
Friday, July 29, 2016	P7 CFJV PP879 (2016)	263244	780304	422.15	0.14	-	-	CP
Friday, July 29, 2016	P7 CFJV PP880 (2016)	263261	780301	422.76	0.40	At/ near surface	Boggy conditions	M19a/M20/M3/M1
Friday, July 29, 2016	P7 CFJV PP881 (2016)	263275	780358	421.83	0.88	At/ near surface	Boggy conditions	M19a/M20/M3/M1
Friday, July 29, 2016	P7 CFJV PP882 (2016)	263259	780361	421.40	0.05	At/ near surface	Boggy conditions	M19a/M20/M3/M1
Friday, July 29, 2016	P7 CFJV PP883 (2016)	263251	780421	419.18	0.10	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP884 (2016)	263231	780366	420.35	0.00	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP885 (2016)	263210	780310	420.54	0.00	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP886 (2016)	263217	780309	421.00	0.00	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP887 (2016)	263238	780365	420.90	0.60	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP888 (2016)	263259	780420	419.31	0.10	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP889 (2016)	263276	780448	419.05	0.05	-	-	CP
Friday, July 29, 2016	P7 CFJV PP890 (2016)	263289	780444	419.62	0.05	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP891 (2016)	263300	780441	420.35	0.08	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP892 (2016)	263277	780492	419.64	0.00	-	-	M15b/M20/U5/JA
Friday, July 29, 2016	P7 CFJV PP893 (2016)	263285	780489	419.73	0.10	-	-	M15b/M20/U5/JA
Friday, July 29, 2016	P7 CFJV PP894 (2016)	263296	780484	419.88	0.10	-	-	CP
Friday, July 29, 2016	P7 CFJV PP895 (2016)	263307	780479	420.06	0.05	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP896 (2016)	263316	780474	420.43	0.10	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP897 (2016)	263231	780306	421.66	0.16	-	-	CP
Friday, July 29, 2016	P7 CFJV PP898 (2016)	263194	780168	421.19	0.05	-	-	CP
Friday, July 29, 2016	P7 CFJV PP899 (2016)	263335	780511	420.23	0.08	At/ near surface	Boggy conditions	M19a/H21a

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Comments	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Friday, July 29, 2016	P7 CFJV PP900 (2016)	263293	780533	419.79	0.05	-	-	M15b/M20/U5/JA
Friday, July 29, 2016	P7 CFJV PP901 (2016)	263360	780550	421.03	0.20	At/ near surface	Boggy conditions	M19a/H21a
Friday, July 29, 2016	P7 CFJV PP902 (2016)	263313	780579	419.04	0.00	-	-	M15b/M20/U5/JA
Friday, July 29, 2016	P7 CFJV PP903 (2016)	263340	780628	418.83	0.00	-	-	M15b/M20/U5/JA
Friday, July 29, 2016	P7 CFJV PP904 (2016)	263351	780619	419.23	0.00	-	-	M15b/M20/U5/JA
Friday, July 29, 2016	P7 CFJV PP905 (2016)	263326	780573	419.37	0.10	-	-	M15b/M20/U5/JA
Friday, July 29, 2016	P7 CFJV PP906 (2016)	263305	780528	419.96	0.05	-	-	CP
Friday, July 29, 2016	P7 CFJV PP907 (2016)	263355	780657	418.69	0.20	-	-	<Null>
Friday, July 29, 2016	P7 CFJV PP908 (2016)	263296	780616	417.64	0.14	-	-	H12a/U4a/OV27
Friday, July 29, 2016	P7 CFJV PP909 (2016)	263284	780622	416.89	0.00	-	-	H12a/U4a/OV27
Friday, July 29, 2016	P7 CFJV PP910 (2016)	263309	780649	417.08	0.00	-	-	H12a/U4a/OV27
Friday, July 29, 2016	P7 CFJV PP911 (2016)	263302	780652	417.80	0.00	-	-	H12a/U4a/OV27
Friday, July 29, 2016	P7 CFJV PP912 (2016)	263342	780561	420.34	0.10	-	-	CP
Friday, July 29, 2016	P7 CFJV PP913 (2016)	262648	777331	449.06	0.00	-	-	H12a/U4/U5/H10/M15a
Friday, July 29, 2016	P7 CFJV PP914 (2016)	262616	777443	448.76	0.10	-	-	H12a/U4/U5/H10/M15a
Friday, July 29, 2016	P7 CFJV PP915 (2016)	262591	777548	446.42	0.15	-	-	H12a/U4/U5/H10/M15a
Friday, July 29, 2016	P7 CFJV PP916 (2016)	262569	777685	445.03	0.19	-	-	H12a/U4/U5/H10/M15a
Friday, July 29, 2016	P7 CFJV PP917 (2016)	262556	777812	444.58	0.10	-	-	H12a/U4/U5/H10/M15a
Friday, July 29, 2016	P7 CFJV PP918 (2016)	262546	777938	441.82	0.10	-	-	H12a/U4/U5/H10/M15a
Friday, July 29, 2016	P7 CFJV PP919 (2016)	262544	778043	437.51	0.10	-	-	H12a/BG/U4/MG1/H10
Friday, July 29, 2016	P7 CFJV PP920 (2016)	262547	778140	435.66	0.10	-	-	H12a/BG/U4/MG1/H10
Tuesday, July 26, 2016	P7 CFJV PP921 (2016)	262551	778235	433.49	0.06	-	-	H12a/BG/U4/MG1/H10
Tuesday, July 26, 2016	P7 CFJV PP922 (2016)	262570	778332	431.99	0.00	-	-	H12a/BG/U4/MG1/H10
Tuesday, July 26, 2016	P7 CFJV PP923 (2016)	262603	778451	429.97	0.00	-	-	H12a/BG/U4/MG1/H10
Tuesday, July 26, 2016	P7 CFJV PP924 (2016)	262639	778543	431.22	0.00	-	-	H12a/BG/U4/MG1/H10
Tuesday, July 26, 2016	P7 CFJV PP925 (2016)	262672	778639	429.90	0.00	-	-	M16d/U4
Tuesday, July 26, 2016	P7 CFJV PP926 (2016)	262689	778635	430.88	0.00	-	-	M16d/U4
Tuesday, July 26, 2016	P7 CFJV PP927 (2016)	262693	778697	430.56	0.00	-	-	M16d/U4
Tuesday, July 26, 2016	P7 CFJV PP928 (2016)	262707	778692	431.66	0.00	-	-	M15d/JE/U5/U4a
Tuesday, July 26, 2016	P7 CFJV PP929 (2016)	262708	778744	428.74	0.21	-	-	M16d/U4
Tuesday, July 26, 2016	P7 CFJV PP930 (2016)	262728	778738	430.33	0.00	-	-	M15d/JE/U5/U4a
Tuesday, July 26, 2016	P7 CFJV PP931 (2016)	262722	778792	428.03	0.16	-	-	M16d/U4
Tuesday, July 26, 2016	P7 CFJV PP932 (2016)	262740	778787	428.70	0.25	-	-	M16d/U4
Tuesday, July 26, 2016	P7 CFJV PP933 (2016)	262739	778833	428.32	0.42	At/ near surface	Boggy conditions	M19a/M17a/M15b
Tuesday, July 26, 2016	P7 CFJV PP934 (2016)	262754	778828	429.07	0.89	At/ near surface	Boggy conditions	M19a/M17a/M15b
Tuesday, July 26, 2016	P7 CFJV PP935 (2016)	262773	778823	430.00	1.03	-	-	M15b/M17a/H21a/H12/M15a
Tuesday, July 26, 2016	P7 CFJV PP936 (2016)	262653	778538	434.90	0.00	-	-	H12a/BG/U4/MG1/H10
Tuesday, July 26, 2016	P7 CFJV PP937 (2016)	262759	778893	427.37	0.18	-	-	H10a/H21a/M15b
Tuesday, July 26, 2016	P7 CFJV PP938 (2016)	262770	778887	427.77	0.67	-	-	H10a/H21a/M15b
Tuesday, July 26, 2016	P7 CFJV PP939 (2016)	262785	778882	429.08	1.23	-	-	M15b/M17a/H21a/H12/M15a
Tuesday, July 26, 2016	P7 CFJV PP940 (2016)	262778	778944	426.54	0.00	-	-	U5/U4/M6a
Tuesday, July 26, 2016	P7 CFJV PP941 (2016)	262791	778940	426.94	0.71	-	-	U5/U4/M6a
Wednesday, July 27, 2016	P7 CFJV PP942 (2016)	262811	779027	426.21	0.31	-	-	U5/U4/M6a
Wednesday, July 27, 2016	P7 CFJV PP943 (2016)	262912	779277	426.58	0.00	-	-	U4b/U6/U2a
Wednesday, July 27, 2016	P7 CFJV PP944 (2016)	262923	779273	427.83	0.17	-	-	H21a/M19a/H12a/H10
Wednesday, July 27, 2016	P7 CFJV PP945 (2016)	262891	779225	426.60	0.15	-	-	H21a/M19a/H12a/H10
Wednesday, July 27, 2016	P7 CFJV PP946 (2016)	262871	779179	425.45	0.41	-	-	U4b/U6/U2a
Wednesday, July 27, 2016	P7 CFJV PP947 (2016)	262879	779176	425.90	0.39	-	-	H21a/M19a/H12a/H10
Wednesday, July 27, 2016	P7 CFJV PP948 (2016)	262857	779146	427.16	0.23	-	-	H21a/M19a/H12a/H10
Wednesday, July 27, 2016	P7 CFJV PP949 (2016)	262865	779143	427.43	0.31	-	-	H21a/M19a/H12a/H10

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Wednesday, July 27, 2016	P7 CFJV PP950 (2016)	262828	779079	427.15	0.15	At/ near surface	Very boggy and soft ground conditions	M4/S9a
Wednesday, July 27, 2016	P7 CFJV PP951 (2016)	262838	779074	427.01	1.80	At/ near surface	Very boggy and soft ground conditions	M4/S9a
Wednesday, July 27, 2016	P7 CFJV PP952 (2016)	262819	779022	427.37	0.13	-	-	M15b/M17a/H21a/H12/M15a
Wednesday, July 27, 2016	P7 CFJV PP953 (2016)	262794	778994	426.56	0.00	-	-	U5/U4/M6a
Wednesday, July 27, 2016	P7 CFJV PP954 (2016)	262804	778991	427.32	0.25	-	-	M15b/M17a/H21a/H12/M15a
Wednesday, July 27, 2016	P7 CFJV PP955 (2016)	263107	779791	428.49	0.00	-	-	CP
Wednesday, July 27, 2016	P7 CFJV PP956 (2016)	263098	779752	428.94	0.25	-	-	CP
Thursday, July 28, 2016	P7 CFJV PP957 (2016)	263127	779905	422.91	0.00	-	-	CP
Wednesday, July 27, 2016	P7 CFJV PP958 (2016)	263108	779916	422.70	0.31	-	-	CP
Thursday, July 28, 2016	P7 CFJV PP959 (2016)	263145	779953	424.23	0.05	-	-	CP
Wednesday, July 27, 2016	P7 CFJV PP960 (2016)	263119	779960	422.48	0.05	-	-	CP
Thursday, July 28, 2016	P7 CFJV PP961 (2016)	263161	780011	424.05	0.05	-	-	CP
Thursday, July 28, 2016	P7 CFJV PP962 (2016)	263147	780019	423.26	0.00	At/ near surface	Boggy conditions	M19a/H21a
Thursday, July 28, 2016	P7 CFJV PP963 (2016)	263060	779893	418.61	0.05	-	-	H12a/U4a/OV27
Thursday, July 28, 2016	P7 CFJV PP964 (2016)	263059	779862	418.68	0.00	-	-	U4b/U4a
Thursday, July 28, 2016	P7 CFJV PP965 (2016)	263045	779865	419.00	0.45	-	-	U4b/U4a
Friday, July 29, 2016	P7 CFJV PP966 (2016)	263068	779891	418.80	0.00	-	-	-
Friday, July 29, 2016	P7 CFJV PP967 (2016)	263067	779928	418.40	0.10	-	-	-
Friday, July 29, 2016	P7 CFJV PP968 (2016)	263078	779924	418.73	0.10	-	-	U4a/H12c
Friday, July 29, 2016	P7 CFJV PP969 (2016)	263066	779967	418.12	0.00	-	-	U4a/H12c
Friday, July 29, 2016	P7 CFJV PP970 (2016)	263085	779963	420.20	0.10	-	-	U4a/H12c
Friday, July 29, 2016	P7 CFJV PP971 (2016)	263041	779935	417.02	0.90	At/ near surface	Boggy conditions	M17a
Friday, July 29, 2016	P7 CFJV PP972 (2016)	263439	780898	412.54	0.00	-	-	-
Friday, July 29, 2016	P7 CFJV PP973 (2016)	263429	780906	411.50	0.11	-	-	-
Friday, July 29, 2016	P7 CFJV PP974 (2016)	263415	780917	409.84	0.14	-	-	-
Friday, July 29, 2016	P7 CFJV PP975 (2016)	263486	780955	412.84	0.05	-	-	-
Friday, July 29, 2016	P7 CFJV PP976 (2016)	263489	780822	416.41	0.05	-	-	-
Friday, July 29, 2016	P7 CFJV PP977 (2016)	263449	780849	416.50	0.00	-	-	-
Friday, July 29, 2016	P7 CFJV PP978 (2016)	263466	780838	415.33	0.18	-	-	-
Friday, July 29, 2016	P7 CFJV PP979 (2016)	263487	780909	415.00	0.00	-	-	-
Friday, July 29, 2016	P7 CFJV PP980 (2016)	263504	780895	412.61	0.00	-	-	-
Friday, July 29, 2016	P7 CFJV PP981 (2016)	263523	780965	412.66	0.00	-	-	-
Friday, July 29, 2016	P7 CFJV PP982 (2016)	263538	780957	412.31	0.00	-	-	-
Friday, July 29, 2016	P7 CFJV PP983 (2016)	263558	780942	412.79	0.00	-	-	-
Friday, July 29, 2016	P7 CFJV PP984 (2016)	263558	781024	412.66	0.00	-	-	-
Friday, July 29, 2016	P7 CFJV PP985 (2016)	263569	781018	410.03	0.10	-	-	-
Friday, July 29, 2016	P7 CFJV PP986 (2016)	263619	781070	408.81	0.00	-	-	-
Friday, July 29, 2016	P7 CFJV PP987 (2016)	263591	781088	412.06	0.00	-	-	-
Friday, July 29, 2016	P7 CFJV PP988 (2016)	263503	780980	412.40	0.00	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP989 (2016)	263491	780989	410.71	0.32	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP990 (2016)	263539	781035	412.63	0.00	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP991 (2016)	263574	781095	410.59	0.00	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP992 (2016)	263562	781103	408.09	0.00	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP993 (2016)	263605	781151	408.56	0.00	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP994 (2016)	263594	781157	406.69	0.09	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP995 (2016)	263580	781134	407.16	0.10	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP996 (2016)	263610	781184	406.15	0.10	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP997 (2016)	263643	781131	407.26	0.05	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP998 (2016)	263624	781143	410.21	0.20	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP999 (2016)	263632	781137	406.79	0.20	-	-	-

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Tuesday, July 26, 2016	P7 CFJV PP1000 (2016)	263621	781177	408.31	0.00	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP1001 (2016)	263647	781225	406.64	0.00	-	-	-
Tuesday, July 26, 2016	P7 CFJV PP1002 (2016)	263638	781231	405.59	0.90	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1003 (2016)	263670	781267	406.22	0.00	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1004 (2016)	263650	781277	401.61	0.05	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1005 (2016)	263650	781189	408.50	0.00	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1006 (2016)	263659	781184	406.09	0.15	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1007 (2016)	263669	781179	406.15	0.10	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1008 (2016)	263681	781174	406.00	0.10	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1009 (2016)	263374	780694	418.65	0.23	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1010 (2016)	263362	780701	418.55	0.00	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1011 (2016)	263427	780715	418.58	0.00	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1012 (2016)	263397	780736	418.20	0.00	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1013 (2016)	263386	780746	418.25	0.00	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1014 (2016)	263459	780772	417.47	0.20	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1015 (2016)	263439	780783	416.79	0.20	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1016 (2016)	263427	780792	416.38	0.20	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1017 (2016)	263414	780801	417.74	0.00	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1018 (2016)	263408	780728	418.00	0.10	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1019 (2016)	263571	781172	403.90	0.30	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1020 (2016)	263558	781143	406.15	0.64	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1021 (2016)	263538	781115	407.00	0.10	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1022 (2016)	263509	781131	404.89	0.84	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1023 (2016)	263533	781158	403.51	0.05	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1024 (2016)	263685	781253	406.56	0.00	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1025 (2016)	263720	781301	404.59	0.08	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1026 (2016)	263710	781307	405.84	0.00	-	-	-
Friday, July 29, 2016	P7 CFJV PP1027 (2016)	263734	781357	404.41	0.00	-	-	-
Friday, July 29, 2016	P7 CFJV PP1028 (2016)	263743	781509	401.50	0.46	-	-	-
Friday, July 29, 2016	P7 CFJV PP1029 (2016)	263743	781567	400.15	0.33	-	-	-
Friday, July 29, 2016	P7 CFJV PP1030 (2016)	263758	781613	399.78	0.12	-	-	-
Friday, July 29, 2016	P7 CFJV PP1031 (2016)	263798	781703	397.54	0.12	-	-	-
Friday, July 29, 2016	P7 CFJV PP1032 (2016)	263832	781913	391.11	0.42	-	-	-
Friday, July 29, 2016	P7 CFJV PP1033 (2016)	264413	773634	469.47	1.10	At/ near surface	Boggy conditions	M17a/M15b
Friday, July 29, 2016	P7 CFJV PP1034 (2016)	264348	773695	469.65	0.58	At/ near surface	Boggy conditions	M17a/M15b
Friday, July 29, 2016	P7 CFJV PP1035 (2016)	264265	773799	472.48	1.26	-	-	M15b/M25a/M17a/U5
Friday, July 29, 2016	P7 CFJV PP1036 (2016)	264178	773909	471.16	1.00	At/ near surface	Boggy conditions	M17a/M3
Friday, July 29, 2016	P7 CFJV PP1037 (2016)	264122	773983	475.83	0.40	-	-	M15b
Friday, July 29, 2016	P7 CFJV PP1038 (2016)	264036	774126	478.04	0.31	At/near surface	-	M15b/M15a
Friday, July 29, 2016	P7 CFJV PP1039 (2016)	263985	774230	482.37	0.00	-	-	M15b
Friday, July 29, 2016	P7 CFJV PP1040 (2016)	263894	774367	485.27	0.00	-	-	M15b/M25a/U5
Friday, July 29, 2016	P7 CFJV PP1041 (2016)	263831	774475	485.11	0.10	-	-	M15b/M25a/U5
Friday, July 29, 2016	P7 CFJV PP1042 (2016)	263759	774591	478.77	0.30	-	-	H12/U4b/M11
Friday, July 29, 2016	P7 CFJV PP1043 (2016)	263699	774631	471.10	0.09	At/ near surface	Boggy conditions	M25a/U5/U4/M17a/M15a
Friday, July 29, 2016	P7 CFJV PP1044 (2016)	263194	775964	463.21	0.25	-	-	U4b/MG1
Friday, July 29, 2016	P7 CFJV PP1045 (2016)	262904	776531	450.17	2.70	-	-	S9a
Friday, July 29, 2016	P7 CFJV PP1046 (2016)	262851	779663	417.96	0.27	-	-	M23a/M6a/M15b/M6d/U5a/U4a
Friday, July 29, 2016	P7 CFJV PP1047 (2016)	262825	779553	417.77	1.07	At/ near surface	Boggy conditions	M17a/M15b
Thursday, July 28, 2016	P7 CFJV PP1048 (2016)	262810	779481	418.73	0.18	-	-	M15b/M6a
Thursday, July 28, 2016	P7 CFJV PP1049 (2016)	263003	780053	413.55	0.00	At/ near surface	Boggy conditions	M17a

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Thursday, July 28, 2016	P7 CFJV PP1050 (2016)	263029	780174	412.86	0.63	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP1051 (2016)	263058	780285	413.91	0.43	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP1052 (2016)	263104	780419	412.26	0.50	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP1053 (2016)	263139	780513	413.11	0.25	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP1054 (2016)	263174	780589	414.16	0.36	At/ near surface	Boggy conditions	M17a
Wednesday, July 27, 2016	P7 CFJV PP1055 (2016)	263616	781243	401.39	0.58	-	-	-
Wednesday, July 27, 2016	P7 CFJV PP1056 (2016)	262635	778446	435.32	0.00	-	-	H12/M6d/H21a/U6/U4
Wednesday, July 27, 2016	P7 CFJV PP1057 (2016)	262615	778398	434.83	0.08	-	-	H12/M6d/H21a/U6/U4
Wednesday, July 27, 2016	P7 CFJV PP1058 (2016)	262603	778327	438.75	0.00	-	-	H12/M6d/H21a/U6/U4
Wednesday, July 27, 2016	P7 CFJV PP1059 (2016)	262967	776691	461.43	0.50	-	-	H12/M29
Wednesday, July 27, 2016	P7 CFJV PP1060 (2016)	263903	773908	427.02	1.11	-	-	M6a/M15d
Wednesday, July 27, 2016	P7 CFJV PP1061 (2016)	263837	773977	425.85	1.20	At/near surface	-	M6a/M15d
Wednesday, July 27, 2016	P7 CFJV PP1062 (2016)	265070	773034	480.49	0.41	-	-	H10/U4/H12a/U5/M32a
Wednesday, July 27, 2016	P7 CFJV PP1063 (2016)	264978	773102	485.02	0.52	-	-	H12a/H10/U4/U5/M15b/M32a
Wednesday, July 27, 2016	P7 CFJV PP1064 (2016)	264865	773188	471.52	0.40	-	-	H10
Wednesday, July 27, 2016	P7 CFJV PP1065 (2016)	264015	773767	426.36	0.80	At/near surface	-	M6a/M15b
Wednesday, July 27, 2016	P7 CFJV PP1066 (2016)	263522	774647	442.36	0.61	-	-	U4a/CG10a
Wednesday, July 27, 2016	P7 CFJV PP1067 (2016)	265050	772866	426.92	0.51	At/ near surface	Boggy conditions	M25a/M15d
Wednesday, July 27, 2016	P7 CFJV PP1068 (2016)	265019	772872	424.66	1.70	At/ near surface	Boggy conditions	M25a/M15d
Wednesday, July 27, 2016	P7 CFJV PP1069 (2016)	265132	772808	426.53	0.75	-	-	M23a
Wednesday, July 27, 2016	P7 CFJV PP1070 (2016)	265235	772745	426.37	0.89	At/ near surface	Boggy conditions	M25a
Wednesday, July 27, 2016	P7 CFJV PP1071 (2016)	265213	772746	423.42	0.70	At/ near surface	Boggy conditions	M25a
Wednesday, July 27, 2016	P7 CFJV PP1072 (2016)	265187	772766	423.98	0.17	At/ near surface	Boggy conditions	M25a
Wednesday, July 27, 2016	P7 CFJV PP1073 (2016)	264772	773042	426.95	0.25	At/ near surface	Boggy conditions	M25a/M15b
Wednesday, July 27, 2016	P7 CFJV PP1074 (2016)	264663	773167	427.23	0.44	-	-	M23b/M6/M23a/U6
Wednesday, July 27, 2016	P7 CFJV PP1075 (2016)	264746	773073	428.85	0.00	At/ near surface	Boggy conditions	M25a/M15b
Thursday, July 28, 2016	P7 CFJV PP1076 (2016)	263665	781349	403.23	0.33	-	-	-
Wednesday, July 27, 2016	P7 CFJV PP1077 (2016)	263681	781342	403.05	0.45	-	-	-
Wednesday, July 27, 2016	P7 CFJV PP1078 (2016)	263692	781335	403.24	0.29	-	-	-
Wednesday, July 27, 2016	P7 CFJV PP1079 (2016)	263703	781335	405.09	0.64	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1080 (2016)	263718	781383	402.29	0.40	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1081 (2016)	263698	781389	402.52	0.90	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1082 (2016)	263674	781394	403.03	1.55	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1083 (2016)	263653	781400	402.72	0.90	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1084 (2016)	263648	781374	402.39	0.49	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1085 (2016)	263671	781368	403.14	1.27	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1086 (2016)	263691	781358	402.87	0.37	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1087 (2016)	263673	781422	402.57	1.13	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1088 (2016)	263687	781413	402.65	1.80	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1089 (2016)	263704	781410	402.29	1.08	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1090 (2016)	263719	781403	401.86	0.54	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1091 (2016)	265050	772866	426.92	0.51	At/ near surface	Boggy conditions	M25a/M15d
Thursday, July 28, 2016	P7 CFJV PP1092 (2016)	265019	772872	424.66	1.70	At/ near surface	Boggy conditions	M25a/M15d
Thursday, July 28, 2016	P7 CFJV PP1093 (2016)	265132	772808	426.53	0.70	-	-	M23a
Thursday, July 28, 2016	P7 CFJV PP1094 (2016)	265235	772745	426.37	0.89	At/ near surface	Boggy conditions	M25a
Thursday, July 28, 2016	P7 CFJV PP1095 (2016)	265213	772746	423.42	0.70	At/ near surface	Boggy conditions	M25a
Thursday, July 28, 2016	P7 CFJV PP1096 (2016)	265187	772766	423.98	0.17	At/ near surface	Boggy conditions	M25a
Thursday, July 28, 2016	P7 CFJV PP1097 (2016)	264772	773042	426.95	0.25	At/ near surface	Boggy conditions	M25a/M15b
Thursday, July 28, 2016	P7 CFJV PP1098 (2016)	264663	773167	427.23	0.44	-	-	M23b/M6/M23a/U6
Thursday, July 28, 2016	P7 CFJV PP1099 (2016)	264387	773581	461.49	0.16	-	-	CP

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Friday, July 29, 2016	P7 CFJV PP1100 (2016)	263320	775441	473.22	0.40	-	-	U4b/H12
Thursday, July 28, 2016	P7 CFJV PP1101 (2016)	263523	774926	471.87	1.40	-	-	H12/U4/U5/CG10
Thursday, July 28, 2016	P7 CFJV PP1102 (2016)	263530	774916	471.78	1.40	-	-	CP
Wednesday, July 27, 2016	P7 CFJV PP1103 (2016)	263549	774858	468.11	0.30	-	-	CP
Wednesday, July 27, 2016	P7 CFJV PP1104 (2016)	262945	776663	454.52	0.52	-	-	H21a/H12a/U4/MG1
Wednesday, July 27, 2016	P7 CFJV PP1105 (2016)	262911	776633	454.25	1.43	-	-	H12a/U4a/OV27/SWS
Thursday, July 28, 2016	P7 CFJV PP1106 (2016)	263637	781416	400.36	0.50	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1107 (2016)	263637	781421	400.12	0.35	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1108 (2016)	263727	781400	402.06	0.72	-	-	-
Friday, July 29, 2016	P7 CFJV PP1109 (2016)	263167	780172	421.17	0.22	-	-	-
Thursday, July 28, 2016	P7 CFJV PP1110 (2016)	263122	780122	419.88	0.22	-	-	M15b/M6a
Thursday, July 28, 2016	P7 CFJV PP1111 (2016)	263141	780152	419.51	0.12	-	-	M15b/M6a
Thursday, July 28, 2016	P7 CFJV PP1112 (2016)	263006	779873	416.49	2.70	At/ near surface	Very boggy and soft ground conditions	M4
Thursday, July 28, 2016	P7 CFJV PP1113 (2016)	263101	780007	421.29	0.61	-	-	M15b/M6a
Thursday, July 28, 2016	P7 CFJV PP1114 (2016)	262555	778484	427.37	1.20	At/near surface	-	M6a/M23a/M15b
Thursday, July 28, 2016	P7 CFJV PP1115 (2016)	262805	776701	449.86	3.50	At/near surface	-	M15b
Thursday, July 28, 2016	P7 CFJV PP1116 (2016)	262838	776656	450.56	2.80	At/near surface	-	M15b
Thursday, July 28, 2016	P7 CFJV PP1117 (2016)	262942	776508	450.50	6.64	-	Boggy conditions	S9a
Thursday, July 28, 2016	P7 CFJV PP1118 (2016)	262982	776439	450.76	0.04	At/ near surface	Boggy conditions	M19
Thursday, July 28, 2016	P7 CFJV PP1119 (2016)	262961	776145	452.16	0.62	At/ near surface	Boggy conditions	M19/M17
Thursday, July 28, 2016	P7 CFJV PP1120 (2016)	263056	776094	453.47	0.96	-	-	H12a/M17a/H21a
Tuesday, July 26, 2016	P7 CFJV PP1121 (2016)	263002	775991	452.14	5.05	At/ near surface	Boggy conditions	M17a/M17b
Tuesday, July 26, 2016	P7 CFJV PP1122 (2016)	263128	775942	454.55	1.67	At/ near surface	Boggy conditions	M17a/M17b
Tuesday, July 26, 2016	P7 CFJV PP1123 (2016)	263208	775562	455.82	0.53	-	-	U4b/U4a/H12a
Tuesday, July 26, 2016	P7 CFJV PP1124 (2016)	262927	776563	450.76	1.66	-	-	S9a
Tuesday, July 26, 2016	P7 CFJV PP1125 (2016)	263141	775578	451.06	2.55	At/ near surface	Boggy conditions	M17a
Tuesday, July 26, 2016	P7 CFJV PP1126 (2016)	262791	776812	449.47	4.50	At/near surface	Boggy conditions	M15b
Tuesday, July 26, 2016	P7 CFJV PP1127 (2016)	262814	776812	449.83	0.98	At/near surface	-	M15b
Tuesday, July 26, 2016	P7 CFJV PP1128 (2016)	262564	778230	436.81	0.10	-	-	H12a/BG/U4/MG1/H10
Tuesday, July 26, 2016	P7 CFJV PP1129 (2016)	262564	778227	437.00	0.17	-	-	H12a/BG/U4/MG1/H10
Tuesday, July 26, 2016	P7 CFJV PP1130 (2016)	262743	778730	430.59	0.10	-	-	M15d/JE/U5/U4a
Tuesday, July 26, 2016	P7 CFJV PP1131 (2016)	262799	778877	430.00	1.00	At/near surface	-	M15b/M17a/H21a/H12/M15a
Tuesday, July 26, 2016	P7 CFJV PP1132 (2016)	262799	778860	431.18	1.47	At/near surface	-	M15b/M17a/H21a/H12/M15a
Tuesday, July 26, 2016	P7 CFJV PP1133 (2016)	262799	778867	431.73	1.50	At/near surface	-	M15b/M17a/H21a/H12/M15a
Tuesday, July 26, 2016	P7 CFJV PP1134 (2016)	262790	778877	429.54	1.80	At/near surface	-	M15b/M17a/H21a/H12/M15a
Tuesday, July 26, 2016	P7 CFJV PP1135 (2016)	263201	775343	448.30	1.13	-	-	H12a/U4a
Tuesday, July 26, 2016	P7 CFJV PP1136 (2016)	263216	775337	447.43	1.68	-	-	H12a/U4a
Wednesday, July 27, 2016	P7 CFJV PP1137 (2016)	263267	775333	453.02	0.46	-	-	U4a/M23a/CG10a/M6c
Friday, July 29, 2016	P7 CFJV PP1138 (2016)	262926	776485	450.38	7.99	At/ near surface	Boggy conditions	M19
Friday, July 29, 2016	P7 CFJV PP1139 (2016)	262957	776474	450.50	6.81	At/ near surface	Boggy conditions	M19
Friday, July 29, 2016	P7 CFJV PP1140 (2016)	262939	776417	450.95	7.47	At/ near surface	Boggy conditions	M19
Friday, July 29, 2016	P7 CFJV PP1141 (2016)	262980	776429	450.77	6.76	-	Boggy conditions	Mx
Friday, July 29, 2016	P7 CFJV PP1142 (2016)	262954	776368	451.45	5.14	At/ near surface	Very boggy and soft ground conditions	M4/M23a/M5/M6d
Friday, July 29, 2016	P7 CFJV PP1143 (2016)	262987	776377	451.70	3.32	At/ near surface	Very boggy and soft ground conditions	M4/M23a/M5/M6d
Friday, July 29, 2016	P7 CFJV PP1144 (2016)	262972	776313	451.80	0.93	At/ near surface	Very boggy and soft ground conditions	M4/M23a/M5/M6d
Friday, July 29, 2016	P7 CFJV PP1145 (2016)	262999	776320	452.88	0.31	At/ near surface	Very boggy and soft ground conditions	M4/M23a/M5/M6d
Friday, July 29, 2016	P7 CFJV PP1146 (2016)	263018	776310	453.18	1.21	At/ near surface	Very boggy and soft ground conditions	M4/M23a/M5/M6d
Friday, July 29, 2016	P7 CFJV PP1147 (2016)	262964	776275	452.14	2.07	At/ near surface	Boggy conditions	M19/M17
Friday, July 29, 2016	P7 CFJV PP1148 (2016)	262986	776272	452.58	2.02	-	-	U4a/U4b
Friday, July 29, 2016	P7 CFJV PP1149 (2016)	263010	776283	453.40	0.29	-	-	U4a/U4b

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Friday, July 29, 2016	P7 CFJV PP1150 (2016)	263029	776152	453.64	0.96	At/ near surface	Boggy conditions	M19/M17
Friday, July 29, 2016	P7 CFJV PP1151 (2016)	263057	776161	455.00	0.67	-	-	H12a/M17a/H21a
Friday, August 05, 2016	P7 CFJV PP1152 (2016)	263032	776092	452.88	1.29	At/ near surface	Boggy conditions	M17a
Friday, July 29, 2016	P7 CFJV PP1153 (2016)	263068	776097	453.64	0.57	-	-	H12a/M17a/H21a
Friday, July 29, 2016	P7 CFJV PP1154 (2016)	263086	775985	455.29	1.02	-	-	H12a/H21a /M19a
Friday, July 29, 2016	P7 CFJV PP1155 (2016)	263113	775985	457.81	0.05	-	-	U4a/H12c/OV27
Friday, July 29, 2016	P7 CFJV PP1156 (2016)	263086	775916	452.20	1.71	At/ near surface	Boggy conditions	M17a/M17b
Friday, July 29, 2016	P7 CFJV PP1157 (2016)	263105	775921	453.03	0.53	At/ near surface	Boggy conditions	M17a/M17b
Friday, July 29, 2016	P7 CFJV PP1158 (2016)	263117	775925	453.58	1.68	At/near surface	-	M15b/M4
Friday, July 29, 2016	P7 CFJV PP1159 (2016)	263118	775845	453.32	1.03	-	-	H21a
Friday, July 29, 2016	P7 CFJV PP1160 (2016)	263133	775850	454.59	0.78	-	-	H21a
Friday, July 29, 2016	P7 CFJV PP1161 (2016)	263155	775844	454.95	0.23	-	-	H21a/U4a/H12a/OV27
Friday, July 29, 2016	P7 CFJV PP1162 (2016)	263139	775793	453.15	0.61	At/ near surface	Boggy conditions	M17a/M17b
Friday, August 05, 2016	P7 CFJV PP1163 (2016)	263159	775795	454.78	0.21	-	-	H21a/U4a/H12a/OV27
Friday, August 05, 2016	P7 CFJV PP1164 (2016)	263122	775901	453.46	2.82	At/ near surface	Boggy conditions	M17a/M17b
Wednesday, June 29, 2016	P7 CFJV PP1165 (2016)	262600	778310	440.03	0.30	-	-	BG
Wednesday, June 29, 2016	P7 CFJV PP1166 (2016)	262611	778302	441.41	0.40	-	-	BD - OHL
Wednesday, June 29, 2016	P7 CFJV PP1167 (2016)	262614	778357	438.50	0.10	-	-	H12/M6d/H21a/U6/U4
Wednesday, June 29, 2016	P7 CFJV PP1168 (2016)	262633	778404	437.01	0.00	-	-	H12/M6d/H21a/U6/U4
Wednesday, June 29, 2016	P7 CFJV PP1169 (2016)	262624	778408	434.32	0.00	-	-	H12/M6d/H21a/U6/U4
Wednesday, June 29, 2016	P7 CFJV PP1170 (2016)	262645	778462	436.14	0.00	At/ near surface	Boggy conditions	M17a/M3
Wednesday, June 29, 2016	P7 CFJV PP1171 (2016)	262660	778506	436.00	0.30	At/ near surface	Boggy conditions	M25a/U5
Wednesday, June 29, 2016	P7 CFJV PP1172 (2016)	262671	778489	435.77	0.60	At/ near surface	Boggy conditions	M17a/M3
Wednesday, June 29, 2016	P7 CFJV PP1173 (2016)	262694	778499	442.64	0.30	-	-	BG
Wednesday, June 29, 2016	P7 CFJV PP1174 (2016)	262679	778533	435.43	0.70	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1175 (2016)	262686	778578	434.00	0.00	At/ near surface	Boggy conditions	M25a/U5
Wednesday, June 29, 2016	P7 CFJV PP1176 (2016)	262663	778582	431.44	0.00	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1177 (2016)	262647	778525	434.09	0.00	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1178 (2016)	262634	778477	433.93	0.00	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1179 (2016)	262620	778427	433.74	0.00	-	-	H12/M6d/H21a/U6/U4
Wednesday, June 29, 2016	P7 CFJV PP1180 (2016)	262611	778386	436.15	0.10	-	-	H12/M6d/H21a/U6/U4
Wednesday, June 29, 2016	P7 CFJV PP1181 (2016)	262585	778340	435.01	0.30	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1182 (2016)	262565	778280	433.62	0.00	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1183 (2016)	262578	778281	438.06	0.10	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1184 (2016)	262585	778280	440.12	0.10	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1185 (2016)	262582	778206	444.22	0.10	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1186 (2016)	262566	778206	439.78	0.00	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1187 (2016)	262582	778146	448.57	0.00	-	-	BD - OHL
Wednesday, June 29, 2016	P7 CFJV PP1188 (2016)	262557	778089	441.71	0.40	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1189 (2016)	262551	778091	439.03	0.00	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1190 (2016)	262557	778087	441.74	0.70	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1191 (2016)	262622	778339	439.84	0.60	-	-	H12/M6d/H21a/U6/U4
Wednesday, June 29, 2016	P7 CFJV PP1192 (2016)	262643	778388	440.53	0.40	-	-	BG
Wednesday, June 29, 2016	P7 CFJV PP1193 (2016)	262653	778407	438.57	0.90	-	-	BG
Wednesday, June 29, 2016	P7 CFJV PP1194 (2016)	262667	778427	438.72	0.40	-	-	BD - OHL
Wednesday, June 29, 2016	P7 CFJV PP1195 (2016)	262704	778516	441.31	1.00	-	-	BG
Wednesday, June 29, 2016	P7 CFJV PP1196 (2016)	262694	778561	435.02	0.45	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1197 (2016)	262712	778567	434.63	1.00	At/ near surface	Boggy conditions	M17a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1198 (2016)	262735	778572	438.72	0.90	-	-	BG
Wednesday, June 29, 2016	P7 CFJV PP1199 (2016)	262705	778619	431.15	0.00	-	-	M15d/JE/U5/U4a

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Wednesday, June 29, 2016	P7 CFJV PP1200 (2016)	262745	778637	433.40	0.70	-	-	H12a/M15b/H21a/M15a
Wednesday, June 29, 2016	P7 CFJV PP1201 (2016)	262721	778680	432.24	0.10	-	-	M15d/JE/U5/U4a
Wednesday, June 29, 2016	P7 CFJV PP1202 (2016)	262561	777752	542.10	0.65	-	-	H12/U4/U5/M11/M32
Wednesday, June 29, 2016	P7 CFJV PP1203 (2016)	262741	778735	430.52	0.60	-	-	M15d/JE/U5/U4a
Wednesday, June 29, 2016	P7 CFJV PP1204 (2016)	262824	778758	437.79	0.85	-	-	M15b/U5/H12a/H10
Wednesday, June 29, 2016	P7 CFJV PP1205 (2016)	262792	778816	431.07	1.15	-	-	M15b/M17a/H21a/H12/M15a
Wednesday, June 29, 2016	P7 CFJV PP1206 (2016)	262825	778835	433.82	0.80	-	-	H21a/H12a/M15a/H10
Wednesday, June 29, 2016	P7 CFJV PP1207 (2016)	262855	778846	436.78	0.60	-	-	H21a/H12a/M15a/H10
Wednesday, June 29, 2016	P7 CFJV PP1208 (2016)	262830	778893	430.87	0.60	-	-	M15b/M17a/H21a/H12/M15a
Wednesday, June 29, 2016	P7 CFJV PP1209 (2016)	262791	778933	427.50	0.40	-	-	U5/U4/M6a
Wednesday, June 29, 2016	P7 CFJV PP1210 (2016)	262892	778954	438.05	1.40	-	-	H21a/M15b/H12a
Wednesday, June 29, 2016	P7 CFJV PP1211 (2016)	262824	779038	427.52	0.70	-	-	H21a/M19a/H12a/H10
Wednesday, June 29, 2016	P7 CFJV PP1212 (2016)	262577	778132	446.24	0.18	-	-	BD - OHL
Wednesday, June 29, 2016	P7 CFJV PP1213 (2016)	262574	778120	444.16	0.43	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1214 (2016)	262570	778127	443.48	0.12	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1215 (2016)	262524	778111	436.51	0.28	-	-	-
Wednesday, June 29, 2016	P7 CFJV PP1216 (2016)	262518	778190	433.53	0.20	At/ near surface	Boggy conditions	M17a
Wednesday, June 29, 2016	P7 CFJV PP1217 (2016)	262547	778109	437.14	0.08	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1218 (2016)	262544	778090	436.88	0.20	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1219 (2016)	262556	778095	441.26	0.20	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1220 (2016)	262565	778089	443.20	0.22	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1221 (2016)	262558	778085	441.85	0.85	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1222 (2016)	262558	778074	441.94	0.40	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1223 (2016)	262565	778070	443.09	0.30	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1224 (2016)	262559	778060	442.31	0.38	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1225 (2016)	262551	778062	439.61	0.50	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1226 (2016)	262545	778078	437.20	0.25	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1227 (2016)	262549	778048	439.41	0.35	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1228 (2016)	262547	778040	438.91	0.60	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1229 (2016)	262553	778030	442.30	0.45	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1230 (2016)	262561	778012	445.68	0.82	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1231 (2016)	262551	778011	442.28	0.27	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1232 (2016)	262548	778015	440.70	0.36	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1233 (2016)	262570	777873	448.16	0.00	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1234 (2016)	262570	777860	448.13	0.30	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1235 (2016)	262566	777844	448.81	0.10	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1236 (2016)	262558	777818	445.55	0.00	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1237 (2016)	262566	777844	448.81	0.00	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1238 (2016)	262546	777981	439.26	0.10	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1239 (2016)	262558	777993	444.97	0.37	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1240 (2016)	262555	777968	443.04	0.64	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1241 (2016)	262555	777968	443.04	0.20	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1242 (2016)	262558	777949	444.67	0.18	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1243 (2016)	262547	777924	442.32	0.20	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1244 (2016)	262558	777947	444.70	0.40	-	-	H12a/BG/U4/MG1/H10
Wednesday, June 29, 2016	P7 CFJV PP1245 (2016)	262571	777678	445.61	0.25	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1246 (2016)	262579	777644	447.02	0.20	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1247 (2016)	262576	777625	444.69	0.18	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1248 (2016)	262587	777625	449.27	0.55	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1249 (2016)	262585	777594	446.10	0.20	-	-	H12a/U4/U5/H10/M15a

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Comments	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Wednesday, June 29, 2016	P7 CFJV PP1250 (2016)	262593	777575	447.93	0.35	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1251 (2016)	262582	777572	445.03	0.22	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1252 (2016)	262592	777543	446.51	0.20	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1253 (2016)	262608	777525	454.43	0.20	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1254 (2016)	262587	777537	445.89	0.20	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1255 (2016)	262591	777522	445.90	0.30	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1256 (2016)	262605	777484	446.96	0.18	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1257 (2016)	262606	777470	447.15	0.22	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1258 (2016)	262611	777433	447.43	0.30	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1259 (2016)	262631	777383	448.45	0.35	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1260 (2016)	262643	777338	448.63	0.20	-	-	H12a/U4/U5/H10/M15a
Wednesday, June 29, 2016	P7 CFJV PP1261 (2016)	262644	777301	449.58	0.15	-	-	-
Wednesday, June 29, 2016	P7 CFJV PP1262 (2016)	262679	777243	450.41	0.00	-	-	U4/H12a/H10/OV24
Wednesday, June 29, 2016	P7 CFJV PP1263 (2016)	262698	777252	456.94	0.20	-	-	H18b/U4a/CG10c/H12a
Wednesday, June 29, 2016	P7 CFJV PP1264 (2016)	262742	777110	452.45	0.00	-	-	U4/H12a/H10/OV24
Wednesday, June 29, 2016	P7 CFJV PP1265 (2016)	262746	777103	452.58	0.00	-	-	U4/H12a/H10/OV24
Wednesday, June 29, 2016	P7 CFJV PP1266 (2016)	262748	777099	452.65	0.12	-	-	U4/H12a/H10/OV24
Wednesday, June 29, 2016	P7 CFJV PP1267 (2016)	262793	776961	453.64	0.00	-	-	-
Wednesday, June 29, 2016	P7 CFJV PP1268 (2016)	262788	776956	416.81	0.00	-	-	M23a/M6a/M15b/M6d/U5a/U4a
Wednesday, June 29, 2016	P7 CFJV PP1269 (2016)	262796	776942	453.21	0.00	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1270 (2016)	262796	776945	453.38	0.00	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1271 (2016)	262799	776943	453.51	0.00	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1272 (2016)	262807	776926	452.69	0.00	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1273 (2016)	262798	776910	453.05	0.12	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1274 (2016)	262782	776897	451.56	0.20	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1275 (2016)	262775	776902	451.28	1.58	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1276 (2016)	262775	776899	451.53	1.30	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1277 (2016)	262781	776899	451.63	0.97	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1278 (2016)	262762	776905	450.99	1.35	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1279 (2016)	262760	776916	449.92	1.42	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1280 (2016)	262769	776918	449.83	2.60	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1281 (2016)	262767	776923	449.51	0.18	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1282 (2016)	262771	776935	450.03	0.35	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1283 (2016)	262760	776931	449.11	1.43	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1284 (2016)	262751	776952	449.48	0.16	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1285 (2016)	262761	776958	450.25	0.68	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1286 (2016)	262777	776964	453.02	0.00	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1287 (2016)	262766	776988	452.35	0.90	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1288 (2016)	262775	776992	451.22	0.10	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1289 (2016)	262766	777012	450.67	0.00	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1290 (2016)	262758	777026	450.69	0.30	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1291 (2016)	262744	777046	449.77	1.45	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1292 (2016)	262728	777068	448.73	0.13	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1293 (2016)	262760	776988	450.54	1.42	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1294 (2016)	262741	776984	449.46	0.35	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1295 (2016)	262728	777002	448.47	0.62	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1296 (2016)	262748	777017	450.08	0.68	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1297 (2016)	262739	777028	449.54	0.90	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1298 (2016)	262726	777023	448.61	1.08	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1299 (2016)	262737	777050	449.42	0.90	-	-	H21a/H12a/M15b

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Wednesday, June 29, 2016	P7 CFJV PP1300 (2016)	262760	777039	452.41	0.16	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1301 (2016)	262747	777057	451.81	0.00	-	-	H21a/H12a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1302 (2016)	262714	777126	451.60	0.00	-	-	U4a/U4b
Wednesday, June 29, 2016	P7 CFJV PP1303 (2016)	262687	777170	449.84	0.00	-	-	U4a/U4b
Wednesday, June 29, 2016	P7 CFJV PP1304 (2016)	262649	777196	445.52	0.28	-	-	U4a/OV27/H12a
Wednesday, June 29, 2016	P7 CFJV PP1305 (2016)	262640	777271	448.75	0.13	-	-	U4a/OV27/H12a
Wednesday, June 29, 2016	P7 CFJV PP1306 (2016)	262626	777319	449.14	0.00	-	-	-
Wednesday, June 29, 2016	P7 CFJV PP1307 (2016)	262606	777362	448.09	0.00	-	-	U4a/OV27
Wednesday, June 29, 2016	P7 CFJV PP1308 (2016)	262595	777410	447.64	0.00	-	-	U4a/OV27
Wednesday, June 29, 2016	P7 CFJV PP1309 (2016)	262578	777449	445.23	0.00	-	-	U4a/OV27/H12a
Wednesday, June 29, 2016	P7 CFJV PP1310 (2016)	262568	777507	447.07	0.00	-	-	U4a/OV27/H12a
Wednesday, June 29, 2016	P7 CFJV PP1311 (2016)	262563	777558	445.78	0.00	-	-	-
Wednesday, June 29, 2016	P7 CFJV PP1312 (2016)	262556	777608	445.02	0.00	-	-	-
Wednesday, June 29, 2016	P7 CFJV PP1313 (2016)	262549	777628	443.34	0.00	-	-	U4a/OV27/H12a
Wednesday, June 29, 2016	P7 CFJV PP1314 (2016)	262540	777705	442.98	0.00	-	-	-
Wednesday, June 29, 2016	P7 CFJV PP1315 (2016)	262536	777758	442.26	0.00	-	-	U4a/U4b
Wednesday, June 29, 2016	P7 CFJV PP1316 (2016)	262529	777803	441.43	0.00	-	-	U4a/U4b
Wednesday, June 29, 2016	P7 CFJV PP1317 (2016)	262526	777854	441.32	0.00	-	-	U4a/U4b
Wednesday, June 29, 2016	P7 CFJV PP1318 (2016)	262528	777903	440.56	0.00	-	-	-
Wednesday, June 29, 2016	P7 CFJV PP1319 (2016)	262527	777963	439.39	0.00	-	-	-
Wednesday, June 29, 2016	P7 CFJV PP1320 (2016)	262525	778011	438.50	0.00	-	-	-
Wednesday, June 29, 2016	P7 CFJV PP1321 (2016)	262521	778062	437.58	0.00	-	-	-
Wednesday, June 29, 2016	P7 CFJV PP1322 (2016)	262519	778103	436.82	0.10	-	-	-
Wednesday, June 29, 2016	P7 CFJV PP1323 (2016)	262522	778253	433.81	0.20	-	-	U4a
Wednesday, June 29, 2016	P7 CFJV PP1324 (2016)	262517	778287	430.68	1.45	-	-	M15b
Wednesday, June 29, 2016	P7 CFJV PP1325 (2016)	262523	778288	432.56	1.70	-	-	OV27/H12c/SWS
Wednesday, June 29, 2016	P7 CFJV PP1326 (2016)	262532	778304	432.78	0.25	-	-	OV27/H12c/SWS
Wednesday, June 29, 2016	P7 CFJV PP1327 (2016)	262517	778305	430.29	0.43	-	-	M15b
Wednesday, June 29, 2016	P7 CFJV PP1328 (2016)	262534	778325	432.02	0.90	-	-	OV27/H12c/SWS
Wednesday, June 29, 2016	P7 CFJV PP1329 (2016)	262520	778328	429.87	0.17	-	-	M15b
Wednesday, June 29, 2016	P7 CFJV PP1330 (2016)	262524	778352	429.30	0.34	-	-	M15b
Wednesday, June 29, 2016	P7 CFJV PP1331 (2016)	262544	778350	432.01	0.48	-	-	OV27/H12c/SWS
Wednesday, June 29, 2016	P7 CFJV PP1332 (2016)	262555	778369	431.94	0.18	-	-	U4a
Wednesday, June 29, 2016	P7 CFJV PP1333 (2016)	262539	778373	431.27	0.41	-	-	OV27/H12c/SWS
Wednesday, June 29, 2016	P7 CFJV PP1334 (2016)	262522	778379	429.61	0.65	-	-	M15b
Wednesday, June 29, 2016	P7 CFJV PP1335 (2016)	262525	778402	431.00	0.10	-	-	M15b
Wednesday, June 29, 2016	P7 CFJV PP1336 (2016)	262536	778399	431.87	0.21	-	-	M15b
Wednesday, June 29, 2016	P7 CFJV PP1337 (2016)	262557	778395	432.12	0.24	-	-	M15b
Wednesday, June 29, 2016	P7 CFJV PP1338 (2016)	262561	778401	431.60	0.38	-	-	M15b
Wednesday, June 29, 2016	P7 CFJV PP1339 (2016)	262566	778415	431.25	0.21	-	-	M15b
Wednesday, June 29, 2016	P7 CFJV PP1340 (2016)	262547	778419	432.07	0.28	At/near surface	-	M15b
Wednesday, June 29, 2016	P7 CFJV PP1341 (2016)	262539	778445	428.19	0.50	At/near surface	-	M15b
Wednesday, June 29, 2016	P7 CFJV PP1342 (2016)	262564	778439	429.02	0.72	-	-	U4a
Wednesday, June 29, 2016	P7 CFJV PP1343 (2016)	262574	778438	430.96	0.22	-	-	-
Wednesday, June 29, 2016	P7 CFJV PP1344 (2016)	262582	778468	429.99	0.39	-	-	U4a
Wednesday, June 29, 2016	P7 CFJV PP1345 (2016)	262557	778475	427.44	1.80	At/near surface	-	M6a/M23a/M15b
Wednesday, June 29, 2016	P7 CFJV PP1346 (2016)	262538	778473	427.43	2.42	At/near surface	-	M15b
Thursday, June 30, 2016	P7 CFJV PP1347 (2016)	262532	778474	427.47	1.70	At/near surface	-	M15b
Thursday, June 30, 2016	P7 CFJV PP1348 (2016)	262537	778492	427.24	0.30	At/near surface	-	M6a/M23a/M15b
Thursday, June 30, 2016	P7 CFJV PP1349 (2016)	262565	778485	427.38	1.70	At/near surface	-	M6a/M23a/M15b

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Thursday, June 30, 2016	P7 CFJV PP1350 (2016)	262586	778483	429.29	0.31	-	-	U4a
Thursday, June 30, 2016	P7 CFJV PP1351 (2016)	262589	778506	427.46	0.34	-	-	U4a
Thursday, June 30, 2016	P7 CFJV PP1352 (2016)	262569	778510	426.66	0.31	-	-	H12a/H21a
Thursday, June 30, 2016	P7 CFJV PP1353 (2016)	262602	778536	428.24	1.00	-	-	-
Thursday, June 30, 2016	P7 CFJV PP1354 (2016)	262644	778664	427.25	0.00	-	-	U4a/H12a
Thursday, June 30, 2016	P7 CFJV PP1355 (2016)	262619	778676	426.04	0.80	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1356 (2016)	262628	778708	425.41	1.00	-	-	H21a
Thursday, June 30, 2016	P7 CFJV PP1357 (2016)	262655	778701	427.14	0.18	-	-	U4a/H12a
Thursday, June 30, 2016	P7 CFJV PP1358 (2016)	262669	778737	427.02	0.27	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1359 (2016)	262643	778743	425.19	0.69	-	-	H21a
Thursday, June 30, 2016	P7 CFJV PP1360 (2016)	262662	778781	427.36	0.14	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1361 (2016)	262683	778771	428.00	0.10	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1362 (2016)	262695	778708	430.12	0.00	-	-	M16d/U4
Thursday, June 30, 2016	P7 CFJV PP1363 (2016)	262679	778812	425.26	0.00	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1364 (2016)	262693	778858	425.90	0.26	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1365 (2016)	262722	778856	427.49	0.10	-	-	-
Thursday, June 30, 2016	P7 CFJV PP1366 (2016)	262678	778866	424.45	0.25	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1367 (2016)	262691	778895	423.81	0.10	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1368 (2016)	262712	778888	426.61	0.10	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1369 (2016)	262723	778884	427.60	0.15	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1370 (2016)	262724	778895	427.10	0.38	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1371 (2016)	262736	778932	426.54	0.14	-	-	OV27/U4a/H12a
Thursday, June 30, 2016	P7 CFJV PP1372 (2016)	262762	778992	427.27	0.10	-	-	-
Thursday, June 30, 2016	P7 CFJV PP1373 (2016)	262821	779131	426.57	0.00	-	-	-
Thursday, June 30, 2016	P7 CFJV PP1374 (2016)	262830	779179	424.66	0.90	-	-	U5a/H12a/U4a/M6a/OV27
Thursday, June 30, 2016	P7 CFJV PP1375 (2016)	262840	779181	426.10	0.20	-	-	U5a/H12a/U4a/M6a/OV27
Thursday, June 30, 2016	P7 CFJV PP1376 (2016)	262842	779189	424.23	0.55	-	-	U5a/H12a/U4a/M6a/OV27
Thursday, June 30, 2016	P7 CFJV PP1377 (2016)	262848	779202	424.64	0.76	-	-	U5a/H12a/U4a/M6a/OV27
Thursday, June 30, 2016	P7 CFJV PP1378 (2016)	262551	778085	438.97	0.31	-	-	H12a/BG/U4/MG1/H10
Thursday, June 30, 2016	P7 CFJV PP1379 (2016)	262550	778081	438.49	0.33	-	-	H12a/BG/U4/MG1/H10
Thursday, June 30, 2016	P7 CFJV PP1380 (2016)	262551	778078	438.90	0.30	-	-	H12a/BG/U4/MG1/H10
Thursday, June 30, 2016	P7 CFJV PP1381 (2016)	262553	778093	439.93	0.23	-	-	H12a/BG/U4/MG1/H10
Thursday, June 30, 2016	P7 CFJV PP1382 (2016)	262557	778096	441.72	0.59	-	-	H12a/BG/U4/MG1/H10
Thursday, June 30, 2016	P7 CFJV PP1383 (2016)	262560	778088	442.42	0.61	-	-	H12a/BG/U4/MG1/H10
Thursday, June 30, 2016	P7 CFJV PP1384 (2016)	262565	778082	443.12	0.48	-	-	H12a/BG/U4/MG1/H10
Thursday, June 30, 2016	P7 CFJV PP1385 (2016)	262557	778077	441.74	0.47	-	-	H12a/BG/U4/MG1/H10
Thursday, June 30, 2016	P7 CFJV PP1386 (2016)	262561	778038	444.13	0.31	-	-	H12a/BG/U4/MG1/H10
Thursday, June 30, 2016	P7 CFJV PP1387 (2016)	262568	777928	445.88	0.00	-	-	H12a/BG/U4/MG1/H10
Thursday, June 30, 2016	P7 CFJV PP1388 (2016)	262572	777868	447.93	1.68	-	-	H12a/BG/U4/MG1/H10
Thursday, June 30, 2016	P7 CFJV PP1389 (2016)	262560	777870	446.64	0.00	-	-	H12a/U4/U5/H10/M15a
Thursday, June 30, 2016	P7 CFJV PP1390 (2016)	262580	777786	453.56	0.00	-	-	H12a/U4/U5/H10/M15a
Thursday, June 30, 2016	P7 CFJV PP1391 (2016)	262584	777730	451.20	0.23	-	-	H12a/U4/U5/H10/M15a
Thursday, June 30, 2016	P7 CFJV PP1392 (2016)	262587	777645	449.16	0.54	-	-	H12a/U4/U5/H10/M15a
Thursday, June 30, 2016	P7 CFJV PP1393 (2016)	262639	777494	461.30	0.00	-	-	BD - OHL
Thursday, June 30, 2016	P7 CFJV PP1394 (2016)	262625	777493	458.83	0.10	-	-	H12a/U4/U5/H10/M15a
Thursday, June 30, 2016	P7 CFJV PP1395 (2016)	262639	777424	460.09	0.90	-	-	H12a/U4/U5/H10/M15a
Thursday, June 30, 2016	P7 CFJV PP1396 (2016)	262657	777368	458.62	0.90	-	-	H12a/U4/U5/H10/M15a
Thursday, June 30, 2016	P7 CFJV PP1397 (2016)	262652	777366	456.29	0.00	-	-	H12a/U4/U5/H10/M15a
Thursday, June 30, 2016	P7 CFJV PP1398 (2016)	262687	777315	466.07	0.00	-	-	BG
Thursday, June 30, 2016	P7 CFJV PP1399 (2016)	262674	777283	454.75	0.29	-	-	H12a/U4/U5/H10/M15a

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Comments	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Thursday, June 30, 2016	P7 CFJV PP1400 (2016)	262689	777255	455.47	0.10	-	-	U4/H12a/H10/OV24
Thursday, June 30, 2016	P7 CFJV PP1401 (2016)	262722	777185	457.58	0.10	-	-	U4/H12a/H10/OV24
Thursday, June 30, 2016	P7 CFJV PP1402 (2016)	262725	777178	458.04	0.22	-	-	U4/H12a/H10/OV24
Thursday, June 30, 2016	P7 CFJV PP1403 (2016)	262725	777165	455.65	0.15	-	-	U4/H12a/H10/OV24
Thursday, June 30, 2016	P7 CFJV PP1404 (2016)	262737	777134	453.81	0.05	-	-	U4/H12a/H10/OV24
Thursday, June 30, 2016	P7 CFJV PP1405 (2016)	262749	777108	452.64	0.10	-	-	U4/H12a/H10/OV24
Thursday, June 30, 2016	P7 CFJV PP1406 (2016)	262847	776887	454.53	0.18	-	-	U4/H12a/OV25/U5
Thursday, June 30, 2016	P7 CFJV PP1407 (2016)	262830	776832	450.62	0.28	At/near surface	-	M15b
Thursday, June 30, 2016	P7 CFJV PP1408 (2016)	262816	776827	449.79	1.62	At/near surface	-	M15b
Thursday, June 30, 2016	P7 CFJV PP1409 (2016)	262801	776849	449.64	3.50	At/near surface	-	M15b
Thursday, June 30, 2016	P7 CFJV PP1410 (2016)	262817	776859	450.00	2.60	At/near surface	-	M15b
Thursday, June 30, 2016	P7 CFJV PP1411 (2016)	262832	776868	452.96	0.26	-	-	M15b
Thursday, June 30, 2016	P7 CFJV PP1412 (2016)	262814	776900	453.54	0.10	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1413 (2016)	262794	776949	440.15	0.18	-	-	H12a/M15b/H21a/M15a
Thursday, June 30, 2016	P7 CFJV PP1414 (2016)	262780	776887	451.12	0.32	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1415 (2016)	262773	776901	451.47	1.35	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1416 (2016)	262799	776908	453.19	0.10	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1417 (2016)	262813	776905	453.85	0.00	-	-	H21a/H12a/M15b
Thursday, June 30, 2016	P7 CFJV PP1418 (2016)	262800	776954	453.70	0.10	-	-	U4a/U4b
Thursday, June 30, 2016	P7 CFJV PP1419 (2016)	262723	777093	451.35	0.10	-	-	U4a/OV27
Thursday, June 30, 2016	P7 CFJV PP1420 (2016)	262700	777150	450.65	0.25	-	-	U4a/U4b
Thursday, June 30, 2016	P7 CFJV PP1421 (2016)	262684	777140	446.50	0.00	-	-	U4a/OV27
Thursday, June 30, 2016	P7 CFJV PP1422 (2016)	262665	777147	446.79	0.19	-	-	H21a
Thursday, June 30, 2016	P7 CFJV PP1423 (2016)	262673	777149	446.58	0.76	-	-	H21a
Thursday, June 30, 2016	P7 CFJV PP1424 (2016)	262680	777154	447.79	0.35	-	-	U4a/OV27/H12a
Thursday, June 30, 2016	P7 CFJV PP1425 (2016)	262672	777167	447.66	1.09	-	-	U4a/OV27/H12a
Thursday, June 30, 2016	P7 CFJV PP1426 (2016)	262660	777175	446.65	0.49	-	-	H21a
Thursday, June 30, 2016	P7 CFJV PP1427 (2016)	262664	777180	447.38	1.24	-	-	H21a
Thursday, June 30, 2016	P7 CFJV PP1428 (2016)	262667	777187	447.71	0.00	-	-	U4a/OV27/H12a
Thursday, June 30, 2016	P7 CFJV PP1429 (2016)	262654	777195	445.93	0.63	-	-	U4a/OV27/H12a
Thursday, June 30, 2016	P7 CFJV PP1430 (2016)	262655	777219	447.40	0.10	-	-	U4a/OV27
Thursday, June 30, 2016	P7 CFJV PP1431 (2016)	262637	777238	445.94	0.10	-	-	U4a/OV27/H12a
Thursday, June 30, 2016	P7 CFJV PP1432 (2016)	262646	777255	448.94	0.00	-	-	U4a/OV27/H12a
Thursday, June 30, 2016	P7 CFJV PP1434 (2016)	262627	777269	445.81	0.80	-	-	U4a/OV27/H12a
Thursday, June 30, 2016	P7 CFJV PP1435 (2016)	262621	777292	446.25	0.18	-	-	U4a/OV27/H12a
Thursday, June 30, 2016	P7 CFJV PP1436 (2016)	262629	777299	448.04	1.46	-	-	U4a/OV27/H12a
Thursday, June 30, 2016	P7 CFJV PP1437 (2016)	262615	777302	445.17	0.30	-	-	U4a/OV27/H12a
Thursday, June 30, 2016	P7 CFJV PP1438 (2016)	262604	777319	445.19	0.18	-	-	U4a/OV27/H12a
Thursday, June 30, 2016	P7 CFJV PP1439 (2016)	262611	777336	447.82	0.10	-	-	U4a/OV27/H12a
Thursday, June 30, 2016	P7 CFJV PP1440 (2016)	262601	777341	445.46	0.26	-	-	U4a/OV27/H12a
Thursday, June 30, 2016	P7 CFJV PP1441 (2016)	262604	777375	448.23	0.00	-	-	U4a/OV27
Thursday, June 30, 2016	P7 CFJV PP1442 (2016)	262586	777419	445.27	1.28	-	-	U4a/OV27/H12a
Thursday, June 30, 2016	P7 CFJV PP1443 (2016)	262585	777446	447.26	0.41	-	-	U4a/OV27
Thursday, June 30, 2016	P7 CFJV PP1444 (2016)	262878	776842	456.83	0.00	-	-	U4/H12a/OV25/U5
Thursday, June 30, 2016	P7 CFJV PP1445 (2016)	262863	776886	457.50	0.00	-	-	U4/H12a/OV25/U5
Thursday, June 30, 2016	P7 CFJV PP1446 (2016)	262850	776901	454.91	0.00	-	-	U4/H12a/OV25/U5
Thursday, June 30, 2016	P7 CFJV PP1447 (2016)	262835	776933	454.35	0.10	-	-	M15b/U5/M15a/U4/M10/M11/M6d
Thursday, June 30, 2016	P7 CFJV PP1448 (2016)	262823	776966	453.81	0.10	-	-	M15b/U5/M15a/U4/M10/M11/M6d
Thursday, June 30, 2016	P7 CFJV PP1449 (2016)	262820	776977	454.41	0.10	-	-	M15b/U5/M15a/U4/M10/M11/M6d
Thursday, June 30, 2016	P7 CFJV PP1450 (2016)	262820	776977	454.41	0.10	-	-	M15b/U5/M15a/U4/M10/M11/M6d

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Comments	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Thursday, June 30, 2016	P7 CFJV PP1451 (2016)	262805	777016	460.00	0.10	-	-	H12a/U4/M11/M32
Thursday, June 30, 2016	P7 CFJV PP1452 (2016)	262803	777028	461.02	0.30	-	-	H12a/U4/M11/M32
Thursday, June 30, 2016	P7 CFJV PP1453 (2016)	262796	777026	458.60	0.20	-	-	U4/H12a/H10/OV24
Thursday, June 30, 2016	P7 CFJV PP1454 (2016)	262790	777041	457.80	0.20	-	-	U4/H12a/H10/OV24
Thursday, June 30, 2016	P7 CFJV PP1455 (2016)	262784	777044	455.20	0.20	-	-	U4/H12a/H10/OV24
Thursday, June 30, 2016	P7 CFJV PP1456 (2016)	262779	777057	457.69	0.05	-	-	U4/H12a/H10/OV24
Thursday, June 30, 2016	P7 CFJV PP1457 (2016)	262771	777081	457.41	0.05	-	-	H12a/U4/M11/M32
Thursday, June 30, 2016	P7 CFJV PP1458 (2016)	262758	777098	454.73	0.10	-	-	H12a/U4/M11/M32
Thursday, June 30, 2016	P7 CFJV PP1459 (2016)	262751	777114	454.89	0.00	-	-	U4/H12a/H10/OV24
Thursday, June 30, 2016	P7 CFJV PP1460 (2016)	262767	777083	457.13	0.05	-	-	H12a/U4/M11/M32
Thursday, June 30, 2016	P7 CFJV PP1461 (2016)	262782	777058	459.40	0.00	-	-	H12a/U4/M11/M32
Thursday, June 30, 2016	P7 CFJV PP1462 (2016)	262784	777038	453.95	0.20	-	-	U4/H12a/H10/OV24
Thursday, June 30, 2016	P7 CFJV PP1463 (2016)	262780	777039	453.45	0.10	-	-	U4/H12a/H10/OV24
Thursday, June 30, 2016	P7 CFJV PP1464 (2016)	262786	777023	453.62	0.20	-	-	U4/H12a/H10/OV24
Thursday, June 30, 2016	P7 CFJV PP1465 (2016)	262795	777077	462.83	0.30	-	-	H12a/U4/M11/M32
Thursday, June 30, 2016	P7 CFJV PP1466 (2016)	262808	776980	453.98	0.00	-	-	M15b/U5/M15a/U4/M10/M11/M6d
Thursday, June 30, 2016	P7 CFJV PP1467 (2016)	262824	776943	454.24	0.00	-	-	M15b/U5/M15a/U4/M10/M11/M6d
Thursday, June 30, 2016	P7 CFJV PP1468 (2016)	262841	776912	454.65	0.05	-	-	M15b/U5/M15a/U4/M10/M11/M6d
Thursday, June 30, 2016	P7 CFJV PP1469 (2016)	262858	776867	454.77	0.00	-	-	U4/H12a/OV25/U5
Thursday, June 30, 2016	P7 CFJV PP1470 (2016)	262876	776822	454.81	0.00	-	-	U4/H12a/OV25/U5

Equipment	120 cm Van Walt Utility Peat Probe with 92 cm extension rods, 30mm diameter gouge auger with 1.00m extensions
GPS Equipment (Accuracy)	Garmin eTrex 12-channel GPS (+/- 6.00 to 10.00 m)
Staff/ Contractor	Christopher Kirley (CH2M), Jennifer McLeod (CH2M), Harry Atkin (CH2M), Diarmuid O'Sullivan (CH2M), Sean Murchie (Fairhurst), Siobhan Warden (Fairhurst), Ruben Villalain (Fairhurst) and Sarunas Bartkus (Fairhurst)

Table 5: DMRB Stage 3 Supplementary Peat Survey (CFJV, December 2016) (Peat Depth Probes)

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Comments	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Tuesday, December 13, 2016	P7-3-PP235 (BALSP)	262650	779150	-	0.15	-	Balsporran Mast Access Track (now removed)	H12a/U4a
Tuesday, December 13, 2016	P7-3-PP237 (BALSP)	262640	779154	-	0.11	-	Balsporran Mast Access Track (now removed)	H12a/U4a
Tuesday, December 13, 2016	P7-3-PP238 (BALSP)	262635	779100	-	0.87	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H12c/M6a
Tuesday, December 13, 2016	P7-3-PP239 (BALSP)	262624	779100	-	0.90	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H12c/M6a
Tuesday, December 13, 2016	P7-3-PP241 (BALSP)	262622	779049	-	0.05	-	Balsporran Mast Access Track (now removed)	H12a/M17a/H21a
Tuesday, December 13, 2016	P7-3-PP243 (BALSP)	262610	779050	-	0.05	-	Balsporran Mast Access Track (now removed)	H12a/M17a/H21a
Tuesday, December 13, 2016	P7-3-PP244 (BALSP)	262608	779000	-	2.12	-	Balsporran Mast Access Track (now removed)	M15b/M17a/M6a
Tuesday, December 13, 2016	P7-3-PP245 (BALSP)	262597	779000	-	1.70	-	Balsporran Mast Access Track (now removed)	M15b/M17a/M6a
Tuesday, December 13, 2016	P7-3-PP247 (BALSP)	262593	778950	-	1.23	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP249 (BALSP)	262580	778950	-	0.79	-	Balsporran Mast Access Track (now removed)	M15b/M17a/M6a
Tuesday, December 13, 2016	P7-3-PP250 (BALSP)	262577	778901	-	0.34	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP251 (BALSP)	262562	778900	-	0.55	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP252 (BALSP)	262562	778850	-	0.10	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP253 (BALSP)	262551	778850	-	0.62	-	Balsporran Mast Access Track (now removed)	M19a
Tuesday, December 13, 2016	P7-3-PP254 (BALSP)	262547	778801	-	0.05	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP255 (BALSP)	262536	778800	-	0.67	-	Balsporran Mast Access Track (now removed)	M19a
Tuesday, December 13, 2016	P7-3-PP256 (BALSP)	262535	778751	-	1.43	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP257 (BALSP)	262523	778750	-	0.09	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP258 (BALSP)	262524	778701	-	3.80	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP259 (BALSP)	262510	778700	-	0.97	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP260 (BALSP)	262515	778652	-	0.18	At surface (ponded area)	Balsporran Mast Access Track (now removed), pond	M17a
Tuesday, December 13, 2016	P7-3-PP262 (BALSP)	262500	778600	-	0.10	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP263 (BALSP)	262490	778600	-	0.20	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP265 (BALSP)	262480	778550	-	0.43	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP266 (BALSP)	262490	778550	-	0.43	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP267 (BALSP)	262470	778550	-	0.52	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP268 (BALSP)	262457	778500	-	0.25	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP269 (BALSP)	262445	778500	-	0.10	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP270 (BALSP)	262480	778500	-	0.10	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP271 (BALSP)	262451	778450	-	1.05	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP272 (BALSP)	262460	778450	-	0.25	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP273 (BALSP)	262440	778450	-	0.55	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP274 (BALSP)	262450	778400	-	0.81	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP275 (BALSP)	262460	778400	-	0.50	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP276 (BALSP)	262440	778400	-	0.69	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP277 (BALSP)	262460	778350	-	0.00	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Tuesday, December 13, 2016	P7-3-PP278 (BALSP)	262470	778350	-	0.20	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Tuesday, December 13, 2016	P7-3-PP279 (BALSP)	262450	778352	-	0.00	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Tuesday, December 13, 2016	P7-3-PP280 (BALSP)	262476	778300	-	0.40	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Tuesday, December 13, 2016	P7-3-PP281 (BALSP)	262484	778300	-	0.38	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Tuesday, December 13, 2016	P7-3-PP282 (BALSP)	262467	778300	-	0.17	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Monday, December 12, 2016	P7-3-PP283 (BALSP)	262486	778250	-	0.20	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Monday, December 12, 2016	P7-3-PP285 (BALSP)	262476	778250	-	0.39	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Monday, December 12, 2016	P7-3-PP286 (BALSP)	262483	778197	-	0.58	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Monday, December 12, 2016	P7-3-PP287 (BALSP)	262476	778205	-	0.46	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Monday, December 12, 2016	P7-3-PP288 (BALSP)	262450	778250	-	2.55	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Tuesday, December 13, 2016	P7-3-PP289 (BALSP)	262450	778300	-	1.30	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Monday, December 12, 2016	P7-3-PP290 (BALSP)	262440	778200	-	1.63	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Comments	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Tuesday, December 13, 2016	P7-3-PP291 (BALSP)	262490	778450	-	0.45	-	Balsporran Mast Access Track (now removed)	H21a/U4a/H12a/U6a
Tuesday, December 13, 2016	P7-3-PP292 (BALSP)	262497	778370	-	0.55	-	Balsporran Mast Access Track (now removed)	-
Tuesday, December 13, 2016	P7-3-PP293 (BALSP)	262400	778400	-	1.98	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP294 (BALSP)	262400	778450	-	1.67	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP295 (BALSP)	262400	778500	-	0.10	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP296 (BALSP)	262428	778642	-	1.07	-	Balsporran Mast Access Track (now removed)	H12a/H21a/M17a/M6a
Tuesday, December 13, 2016	P7-3-PP297 (BALSP)	262450	778600	-	0.91	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP298 (BALSP)	262430	778520	-	0.18	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP299 (BALSP)	262420	778470	-	1.55	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP300 (BALSP)	262420	778420	-	1.12	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP301 (BALSP)	262400	778550	-	2.02	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP302 (BALSP)	262400	778600	-	0.09	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP303 (BALSP)	262366	778493	-	1.57	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP304 (BALSP)	262350	778450	-	1.71	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP305 (BALSP)	262400	778650	-	0.26	-	Balsporran Mast Access Track (now removed), on moraine	H12a/H21a/M17a/M6a
Tuesday, December 13, 2016	P7-3-PP306 (BALSP)	262346	778600	-	0.10	-	Balsporran Mast Access Track (now removed), on moraine	H12a/H21a/M17a/M6a
Tuesday, December 13, 2016	P7-3-PP307 (BALSP)	262350	778650	-	0.88	-	Balsporran Mast Access Track (now removed), on moraine	M17a/M15b/H12c/M6a
Tuesday, December 13, 2016	P7-3-PP308 (BALSP)	262350	778550	-	0.61	-	Balsporran Mast Access Track (now removed)	H12a/H21a/M17a/M6a
Tuesday, December 13, 2016	P7-3-PP309 (BALSP)	262450	778700	-	0.84	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP310 (BALSP)	262400	778700	-	0.05	-	Balsporran Mast Access Track (now removed), on moraine	M17a/M15b/H12c/M6a
Tuesday, December 13, 2016	P7-3-PP311 (BALSP)	262450	778750	-	0.14	-	Balsporran Mast Access Track (now removed), on moraine	H12a/M15b
Tuesday, December 13, 2016	P7-3-PP312 (BALSP)	262500	778750	-	0.34	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP313 (BALSP)	262500	778700	-	4.44	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP314 (BALSP)	262500	778710	-	1.94	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP315 (BALSP)	262510	778710	-	3.25	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP316 (BALSP)	262520	778710	-	1.98	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP318 (BALSP)	262530	778720	-	1.17	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP319 (BALSP)	262520	778720	-	1.02	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP320 (BALSP)	262500	778660	-	1.12	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP321 (BALSP)	262490	778660	-	1.08	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP322 (BALSP)	262490	778670	-	4.72	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP323 (BALSP)	262490	778680	-	3.98	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP324 (BALSP)	262490	778690	-	5.61	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP325 (BALSP)	262490	778700	-	0.80	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP326 (BALSP)	262490	778650	-	0.05	At surface (ponded area)	Balsporran Mast Access Track (now removed), ponded area	M17a
Tuesday, December 13, 2016	P7-3-PP327 (BALSP)	262500	778690	-	6.39	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP328 (BALSP)	262510	778690	-	5.36	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP329 (BALSP)	262510	778680	-	6.10	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP330 (BALSP)	262500	778680	-	6.30	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP331 (BALSP)	262500	778670	-	3.23	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP332 (BALSP)	262510	778670	-	5.20	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP333 (BALSP)	262520	778690	-	3.69	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP334 (BALSP)	262520	778680	-	5.23	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP337 (BALSP)	262470	778700	-	0.78	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP338 (BALSP)	262470	778680	-	5.20	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP339 (BALSP)	262470	778660	-	3.40	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP340 (BALSP)	262470	778720	-	0.11	-	Balsporran Mast Access Track (now removed), on moraine	M6a/M15b
Tuesday, December 13, 2016	P7-3-PP341 (BALSP)	262490	778720	-	0.83	-	Balsporran Mast Access Track (now removed)	M6a/M15b
Tuesday, December 13, 2016	P7-3-PP342 (BALSP)	262510	778720	-	1.20	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP343 (BALSP)	262500	778720	-	0.58	-	Balsporran Mast Access Track (now removed)	M17a

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Comments	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Tuesday, December 13, 2016	P7-3-PP344 (BALSP)	262510	778730	-	0.05	-	Balsporran Mast Access Track (now removed), on moraine	M6a/M15b
Tuesday, December 13, 2016	P7-3-PP345 (BALSP)	262520	778730	-	0.05	-	Balsporran Mast Access Track (now removed), on moraine	M17a
Tuesday, December 13, 2016	P7-3-PP346 (BALSP)	262530	778730	-	1.72	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP347 (BALSP)	262430	778690	-	0.72	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP348 (BALSP)	262420	778620	-	0.23	-	Balsporran Mast Access Track (now removed), on moraine	M17a
Tuesday, December 13, 2016	P7-3-PP349 (BALSP)	262410	778580	-	1.15	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP350 (BALSP)	262490	778640	-	0.05	At surface (ponded area)	Balsporran Mast Access Track (now removed), ponded area	M17a
Wednesday, December 14, 2016	P7-3-PP352 (BALSP)	262470	778640	-	2.37	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP353 (BALSP)	262470	778620	-	1.70	-	Balsporran Mast Access Track (now removed)	M6a
Tuesday, December 13, 2016	P7-3-PP354 (BALSP)	262470	778600	-	0.86	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP355 (BALSP)	262490	778620	-	0.05	At surface (ponded area)	Balsporran Mast Access Track (now removed), ponded area	M6a/SW
Tuesday, December 13, 2016	P7-3-PP357 (BALSP)	262500	778800	-	0.14	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP358 (BALSP)	262500	778850	-	0.84	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H12c/M6a
Tuesday, December 13, 2016	P7-3-PP359 (BALSP)	262540	778850	-	0.89	-	Balsporran Mast Access Track (now removed)	H12a/H21a
Tuesday, December 13, 2016	P7-3-PP360 (BALSP)	262530	778900	-	1.05	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H12c/M6a
Wednesday, December 14, 2016	P7-3-PP362 (BALSP)	262510	778640	-	0.20	At surface (ponded area)	Balsporran Mast Access Track (now removed), ponded area	M6a/SW
Wednesday, December 14, 2016	P7-3-PP363 (BALSP)	262490	778630	-	0.05	At surface (ponded area)	Balsporran Mast Access Track (now removed), ponded area	M17a
Wednesday, December 14, 2016	P7-3-PP365 (BALSP)	262510	778630	-	0.20	At surface (ponded area)	Balsporran Mast Access Track (now removed), ponded area	M6a/SW
Wednesday, December 14, 2016	P7-3-PP366 (BALSP)	262490	778610	-	0.10	At surface (ponded area)	Balsporran Mast Access Track (now removed), ponded area	M17a
Wednesday, December 14, 2016	P7-3-PP367 (BALSP)	262500	778610	-	0.25	At surface (ponded area)	Balsporran Mast Access Track (now removed), ponded area	M17a
Wednesday, December 14, 2016	P7-3-PP368 (BALSP)	262510	778610	-	0.12	At surface (ponded area)	Balsporran Mast Access Track (now removed), ponded area	M17a
Wednesday, December 14, 2016	P7-3-PP369 (BALSP)	262510	778620	-	0.23	-	Balsporran Mast Access Track (now removed), ponded area	M17a
Wednesday, December 14, 2016	P7-3-PP370 (BALSP)	262450	778620	-	0.69	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP371 (BALSP)	262450	778640	-	1.16	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP372 (BALSP)	262450	778660	-	1.16	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP373 (BALSP)	262450	778680	-	1.58	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP374 (BALSP)	262430	778600	-	0.80	-	Balsporran Mast Access Track (now removed)	M17a
Monday, December 12, 2016	P7-3-PP846 (BALSP)	262400	778000	-	0.13	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Monday, December 12, 2016	P7-3-PP847 (BALSP)	262400	778100	-	0.90	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Monday, December 12, 2016	P7-3-PP848 (BALSP)	262300	778100	-	0.62	-	Balsporran Mast Access Track (now removed)	U6d/U4a/U6a/H21a
Monday, December 12, 2016	P7-3-PP849 (BALSP)	262300	778000	-	0.10	-	Balsporran Mast Access Track (now removed)	H12a/H21a/M15b/U4a/U6a
Monday, December 12, 2016	P7-3-PP850 (BALSP)	262481	778100	-	0.28	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Monday, December 12, 2016	P7-3-PP851 (BALSP)	262483	778000	-	0.15	-	Balsporran Mast Access Track (now removed)	M17a/M15b/H21a
Monday, December 12, 2016	P7-3-PP852 (BALSP)	262400	778200	-	0.05	-	Balsporran Mast Access Track (now removed)	U6d/U4a/U6a/H21a
Monday, December 12, 2016	P7-3-PP853 (BALSP)	262300	778200	-	1.05	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP854 (BALSP)	262300	778300	-	1.35	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP855 (BALSP)	262300	778400	-	1.63	-	Balsporran Mast Access Track (now removed)	M17a
Tuesday, December 13, 2016	P7-3-PP856 (BALSP)	262300	778500	-	0.29	-	Balsporran Mast Access Track (now removed)	H12a/H21a/M17a/M6a
Tuesday, December 13, 2016	P7-3-PP857 (BALSP)	262343	778505	-	0.74	-	Balsporran Mast Access Track (now removed)	H12a/H21a/M17a/M6a
Tuesday, December 13, 2016	P7-3-PP882 (BALSP)	262585	778898	-	0.32	-	Balsporran Mast Access Track (now removed)	-
Tuesday, December 13, 2016	P7-3-PP883 (BALSP)	262614	778995	-	1.27	-	Balsporran Mast Access Track (now removed)	-
Tuesday, December 13, 2016	P7-3-PP884 (BALSP)	262556	778800	-	0.10	-	Balsporran Mast Access Track (now removed)	-
Tuesday, December 13, 2016	P7-3-PP885 (BALSP)	262601	778950	-	0.50	-	Balsporran Mast Access Track (now removed)	-
Tuesday, December 13, 2016	P7-3-PP886 (BALSP)	262632	779121	-	1.02	-	Balsporran Mast Access Track (now removed)	H12a/U4a
Tuesday, December 13, 2016	P7-3-PP887 (BALSP)	262633	779049	-	0.71	-	Balsporran Mast Access Track (now removed)	-
Tuesday, December 13, 2016	P7-3-PP888 (BALSP)	262588	779002	-	0.53	-	Balsporran Mast Access Track (now removed)	M15b/M17a/M6a
Wednesday, December 14, 2016	P7-3-PP889 (BALSP)	262485	778615	-	1.68	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP890 (BALSP)	262485	778630	-	1.32	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP891 (BALSP)	262485	778650	-	2.00	-	Balsporran Mast Access Track (now removed)	M17a
Wednesday, December 14, 2016	P7-3-PP892 (BALSP)	262517	778657	-	0.83	-	Balsporran Mast Access Track (now removed)	M17a

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Comments	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Wednesday, December 14, 2016	P7-3-PP893 (BALSP)	262524	778668	-	0.21	-	Balsporran Mast Access Track (now removed)	M17a

Equipment	1.20m Van Walt Utility Peat Probe with 0.92m extension rods, 1.00m Van Walt gouge auger with 1.00m extension rods
GPS Equipment (Accuracy)	Garmin eTrex 12-channel GPS (+/- 6.00 to 10.00 m)
Staff/ Contractor	Christopher Kirley (CFJV) and Harry Atkin (CFJV)

Table 6: Preliminary Ground Investigation (Raeburn, December 2016 to April 2017) (Peat Depth Probes)

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Thursday, March 16, 2017	P7-3-PP001	263214	780040	427	0.38	-	CP
Thursday, March 16, 2017	P7-3-PP002	263215	780010	427	0.29	-	CP
Thursday, March 16, 2017	P7-3-PP003	263225	780010	429	0.40	-	CP
Thursday, March 16, 2017	P7-3-PP004	263224	780040	425	0.84	-	CP
Wednesday, March 01, 2017	P7-3-PP005	262990	779960	-	0.40	DRY	M17a
Tuesday, February 28, 2017	P7-3-PP006	263010	779960	417	1.80	-	M17a
Tuesday, February 28, 2017	P7-3-PP007	263020	779940	416	0.20	-	M17a
Tuesday, February 28, 2017	P7-3-PP008	263020	779920	417	0.30	-	M17a
Tuesday, February 28, 2017	P7-3-PP009	262970	779960	415	1.50	-	M17a
Tuesday, February 28, 2017	P7-3-PP010	262950	779960	416	1.50	-	M17a
Tuesday, February 28, 2017	P7-3-PP011	262970	779920	415	0.40	-	M17a
Tuesday, February 28, 2017	P7-3-PP012	262980	779910	415	0.30	-	M17a
Tuesday, February 28, 2017	P7-3-PP013	262929	779500	-	4.35	DRY	M17a/M15b
Wednesday, March 01, 2017	P7-3-PP014	263005	779875	-	0.25	DRY	M4
Tuesday, February 28, 2017	P7-3-PP015	262950	780100	413	0.10	-	BG
Tuesday, February 28, 2017	P7-3-PP016	262950	780050	411	0.50	-	M15d
Tuesday, February 28, 2017	P7-3-PP017	263000	780100	412	1.00	-	M6a/M6c
Wednesday, March 01, 2017	P7-3-PP018	262980	780080	-	0.30	DRY	M17a
Tuesday, February 28, 2017	P7-3-PP019	262900	779950	416	0.50	-	U4a
Tuesday, February 28, 2017	P7-3-PP020	262880	779900	415	0.10	-	U4a
Tuesday, February 28, 2017	P7-3-PP021	262930	779850	417	2.20	-	M17a
Tuesday, February 28, 2017	P7-3-PP022	262920	779880	418	2.20	-	M17a
Tuesday, February 28, 2017	P7-3-PP023	262930	779810	417	2.10	-	U5a
Tuesday, February 28, 2017	P7-3-PP024	262940	779780	419	0.20	-	U4b
Tuesday, February 28, 2017	P7-3-PP025	262930	779750	421	0.10	-	U4b
Monday, March 06, 2017	P7-3-PP026	263120	779810	-	0.05	DRY	CP
Wednesday, March 15, 2017	P7-3-PP027	263200	779900	428	0.52	-	M15b/M6c/M2
Wednesday, March 15, 2017	P7-3-PP028	263200	779800	434	0.40	-	M15b/M6c/M2
Wednesday, March 15, 2017	P7-3-PP029	263200	779850	429	0.68	-	M15b/M6c/M2
Wednesday, March 15, 2017	P7-3-PP030	263140	779720	440	1.29	-	CP
Wednesday, March 15, 2017	P7-3-PP031	263090	779690	437	0.37	-	CP
Wednesday, March 15, 2017	P7-3-PP032	263050	779650	431	0.15	-	MP
Wednesday, March 15, 2017	P7-3-PP033	263050	779600	433	0.43	-	MP
Monday, March 06, 2017	P7-3-PP034	263050	779550	-	0.05	DRY	MP
Wednesday, March 15, 2017	P7-3-PP035	263100	779550	437	0.27	-	MP
Wednesday, March 15, 2017	P7-3-PP036	263020	779530	440	0.05	-	MP
Tuesday, March 28, 2017	P7-3-PP037	262980	779450	428	0.30	-	CP
Tuesday, March 28, 2017	P7-3-PP038	262970	779399	431	0.10	-	CP
Tuesday, March 28, 2017	P7-3-PP039	262950	779300	431	0.60	-	H21a/M19a/H12a/H10
Tuesday, March 28, 2017	P7-3-PP040	262950	779250	434	0.20	-	H21a/M19a/H12a/H10
Tuesday, March 28, 2017	P7-3-PP041	262900	779200	433	0.10	-	H21a/M19a/H12a/H10
Tuesday, March 28, 2017	P7-3-PP042	262860	779100	431	0.75	-	U4b/U6/U2a
Tuesday, March 28, 2017	P7-3-PP043	262850	779050	435	0.35	-	M17
Tuesday, February 28, 2017	P7-3-PP044	262551	778466	-	2.50	2.00	H12a
Tuesday, February 28, 2017	P7-3-PP045	262530	778510	430	0.10	-	M15b
Tuesday, March 28, 2017	P7-3-PP046	262570	777980	457	0.02	-	H12a/H21a
Tuesday, March 28, 2017	P7-3-PP047	262600	778000	459	0.60	-	H12a/BG/U4/MG1/H10
Tuesday, February 28, 2017	P7-3-PP048	262602	777937	-	0.19	DRY	BG
Tuesday, March 28, 2017	P7-3-PP049	262580	777900	452	0.10	-	M15b/U6

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Tuesday, March 28, 2017	P7-3-PP050	262580	777860	453	0.75	-	M15b/U6
Tuesday, March 28, 2017	P7-3-PP051	262590	777700	458	0.25	-	M15b/U6
Tuesday, March 28, 2017	P7-3-PP052	262590	777670	451	0.35	-	H12a/U4/U5/H10/M15a
Tuesday, March 28, 2017	P7-3-PP053	262600	777600	457	0.10	-	H12a/U4/U5/H10/M15a
Tuesday, March 28, 2017	P7-3-PP054	262610	777550	459	0.05	-	H12a/U4/U5/H10/M15a
Monday, February 27, 2017	P7-3-PP055	262851	776515	451	0.50	-	H12a/U4/U5/H10/M15a
Monday, February 27, 2017	P7-3-PP056	262824	776606	452	3.00	-	H12a/OV27
Monday, February 27, 2017	P7-3-PP057	262805	776661	451	3.10	-	M19
Friday, March 24, 2017	P7-3-PP058	262650	777420	462	0.10	-	M25a
Friday, March 24, 2017	P7-3-PP059	262670	777360	463	0.10	-	H12a/U4/U5/H10/M15a
Friday, March 24, 2017	P7-3-PP060	262760	777120	462	0.05	-	BG
Friday, March 24, 2017	P7-3-PP061	262830	777000	471	0.02	-	U4/H12a/H10/OV24
Friday, March 24, 2017	P7-3-PP062	262850	776950	467	0.02	-	H12/M11
Friday, March 24, 2017	P7-3-PP063	262890	776852	468	0.30	-	H12/M11
Friday, March 24, 2017	P7-3-PP064	262900	776800	462	0.20	-	H12/M11
Friday, March 24, 2017	P7-3-PP065	262930	776740	463	0.00	-	U4/H12a/OV25/U5
Tuesday, February 28, 2017	P7-3-PP066	262791	776812	-	1.50	DRY	H12/M29
Friday, March 24, 2017	P7-3-PP067	262970	776630	463	0.05	-	M15b
Friday, March 24, 2017	P7-3-PP068	262990	776620	464	0.30	-	H21a/H12a/U4/MG1
Friday, March 24, 2017	P7-3-PP069	262980	776600	466	0.10	-	H21a/H12a/U4/MG1
Friday, March 24, 2017	P7-3-PP070	263000	776580	463	0.40	-	H21a/H12a/U4/MG1
Friday, March 24, 2017	P7-3-PP071	263020	776560	470	0.20	-	H21a/H12a/U4/MG1
Friday, March 24, 2017	P7-3-PP072	263010	776540	469	0.20	-	CF
Friday, March 24, 2017	P7-3-PP073	263010	776520	-	-	-	H21a/H12a/U4/MG1
Friday, March 24, 2017	P7-3-PP074	263030	776520	464	0.20	-	-
Friday, March 24, 2017	P7-3-PP075	263010	776500	-	-	-	CF
Friday, March 24, 2017	P7-3-PP076	263030	776500	-	-	-	MG6
Friday, March 24, 2017	P7-3-PP077	263049	776490	459	0.00	-	H21a/H12a/U4/MG1
Friday, March 24, 2017	P7-3-PP078	263050	776470	-	-	-	CF
Friday, March 24, 2017	P7-3-PP079	263049	776450	464	0.00	-	BD - OHL
Friday, March 24, 2017	P7-3-PP080	263070	776450	463	0.20	-	H21a/H12a
Friday, March 24, 2017	P7-3-PP081	263060	776410	461	0.30	-	CP
Friday, March 24, 2017	P7-3-PP082	263070	776390	466	0.20	-	H21a/H12a
Friday, March 24, 2017	P7-3-PP083	263070	776370	460	0.20	-	H21a/H12a
Friday, March 24, 2017	P7-3-PP084	263080	776352	461	0.10	-	U5/H21a/M23b
Friday, March 24, 2017	P7-3-PP085	263090	776330	462	0.30	-	U5/H21a/M23b
Friday, March 24, 2017	P7-3-PP086	263090	776310	465	0.40	-	U5/H21a/M23b
Friday, March 24, 2017	P7-3-PP087	263100	776290	464	0.10	-	U5/H21a/M23b
Friday, March 24, 2017	P7-3-PP088	263100	776260	463	0.40	-	U5/H21a/M23b
Friday, March 24, 2017	P7-3-PP089	263118	776207	466	0.30	-	U5/H21a/M23b
Tuesday, February 28, 2017	P7-3-PP090	263051	776134	-	1.40	DRY	CP
Thursday, March 23, 2017	P7-3-PP091	263140	776160	467	0.90	-	H12a/M17a/H21a
Thursday, March 23, 2017	P7-3-PP092	263180	776060	472	0.40	-	CP
Thursday, March 23, 2017	P7-3-PP093	263180	776030	477	0.20	-	CP
Thursday, March 23, 2017	P7-3-PP094	263180	776000	472	0.10	-	CP
Thursday, March 23, 2017	P7-3-PP095	263200	775970	471	0.10	-	H21a/U5/M19a/M15a
Thursday, March 23, 2017	P7-3-PP096	263200	776000	474	0.10	-	H12/H21a
Thursday, March 23, 2017	P7-3-PP097	263200	776050	473	1.00	-	H21a/U5/M19a/M15a
Thursday, March 23, 2017	P7-3-PP098	263210	775940	470	0.10	-	H21a/U5/M19a/M15a
Thursday, March 23, 2017	P7-3-PP099	263220	775860	466	0.05	-	H12/H21a
Thursday, March 23, 2017	P7-3-PP100	263230	775840	462	0.00	-	H12/H21a

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Thursday, March 23, 2017	P7-3-PP101	263240	775800	470	0.10	-	M15b/U5/M1
Thursday, March 23, 2017	P7-3-PP102	263230	775820	461	0.00	-	H21a/H12
Thursday, March 23, 2017	P7-3-PP103	263233	775769	463	0.30	-	M15b/U5/M1
Thursday, March 23, 2017	P7-3-PP104	263240	775750	464	0.50	-	H21a/H12
Monday, February 27, 2017	P7-3-PP105	263191	775450	453	0.10	-	U5a/M15b/U4a
Monday, February 27, 2017	P7-3-PP106	263200	775500	456	0.20	-	H12a/U4a
Monday, February 27, 2017	P7-3-PP107	263210	775440	456	0.05	-	U4b/U4a/H12a
Monday, February 27, 2017	P7-3-PP108	263205	775410	455	0.05	-	U4a/M23a/CG10a/M6c
Thursday, March 23, 2017	P7-3-PP109	263360	775300	465	0.10	-	-
Friday, March 03, 2017	P7-3-PP110	263380	775300	-	0.05	DRY	M15b/M15a
Thursday, March 23, 2017	P7-3-PP111	263380	775280	470	0.05	-	M15b/M15a
Thursday, March 23, 2017	P7-3-PP112	263390	775260	470	0.05	-	M15b/M15a
Thursday, March 23, 2017	P7-3-PP113	263390	775240	466	0.30	-	U4b/MG1
Thursday, March 23, 2017	P7-3-PP114	263400	775200	464	0.20	-	U4b/MG1
Thursday, March 23, 2017	P7-3-PP115	263550	774950	477	0.40	-	U4b/MG1
Thursday, March 23, 2017	P7-3-PP116	263600	774850	-	-	-	CP
Thursday, March 23, 2017	P7-3-PP117	263650	774750	477	0.10	-	CP
Monday, February 27, 2017	P7-3-PP118	263520	774690	453	0.00	-	M25a/U5/U4/M17a/M15a
Monday, February 27, 2017	P7-3-PP119	263570	774580	449	0.20	-	U4a/CG10a
Monday, February 27, 2017	P7-3-PP120	263550	774580	442	0.10	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP121	263530	774580	439	0.10	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP122	263550	774560	443	0.05	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP123	263570	774560	445	0.05	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP124	263580	774540	447	0.25	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP125	263560	774540	443	0.05	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP126	263540	774540	441	0.05	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP127	263520	774540	439	0.05	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP128	263530	774520	441	0.20	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP129	263550	774520	-	0.05	DRY	U4a/U4b
Monday, February 27, 2017	P7-3-PP130	263520	774560	435	0.10	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP131	263570	774520	422	0.30	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP132	263590	774520	451	0.10	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP133	263590	774500	447	0.10	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP134	263570	774500	438	0.40	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP135	263550	774500	437	0.05	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP136	263550	774480	436	0.05	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP137	263550	774461	433	0.05	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP138	263570	774480	439	0.30	-	M15d/M6a
Monday, February 27, 2017	P7-3-PP139	263590	774480	442	0.10	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP140	263590	774460	439	0.20	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP141	263570	774460	435	0.20	-	M15d/M6a
Monday, February 27, 2017	P7-3-PP142	263611	774460	446	0.05	-	M15d/M6a
Monday, February 27, 2017	P7-3-PP143	263630	774350	444	0.10	-	-
Monday, February 27, 2017	P7-3-PP144	263650	774250	445	0.35	-	U4a/U4b
Monday, February 27, 2017	P7-3-PP145	263700	774150	439	0.20	-	U4a/U4b
Wednesday, March 15, 2017	P7-3-PP146	263950	773850	437	0.30	-	U4a/U4b
Wednesday, March 15, 2017	P7-3-PP147	264150	773600	434	0.08	-	U4a
Wednesday, March 15, 2017	P7-3-PP148	264251	773500	438	0.07	-	-
Wednesday, March 15, 2017	P7-3-PP149	264350	773400	432	0.31	-	-
Wednesday, March 15, 2017	P7-3-PP150	264430	773320	433	0.22	-	OV27/U4a
Wednesday, March 15, 2017	P7-3-PP151	264450	773320	434	0.49	-	M15b/M25a/OV27

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Wednesday, March 15, 2017	P7-3-PP152	264450	773300	432	0.13	-	M15b/M25a/OV27
Wednesday, March 15, 2017	P7-3-PP153	264470	773280	433	0.16	-	M15b/M25a/OV27
Wednesday, March 15, 2017	P7-3-PP154	264490	773260	435	0.14	-	M15b/M25a/OV27
Wednesday, March 15, 2017	P7-3-PP155	264510	773260	436	1.15	-	M15b/M25a/OV27
Wednesday, March 15, 2017	P7-3-PP156	264530	773260	438	0.26	-	CP
Wednesday, March 15, 2017	P7-3-PP157	264510	773280	436	1.52	-	CP
Wednesday, March 15, 2017	P7-3-PP158	264490	773281	437	0.91	-	M15b/M25a/OV27
Monday, February 27, 2017	P7-3-PP159	264490	773300	-	0.70	DRY	M15b/M25a/OV27
Wednesday, March 15, 2017	P7-3-PP160	264470	773320	435	1.04	-	M15b/M25a/OV27
Wednesday, March 15, 2017	P7-3-PP161	264530	773280	437	0.49	-	M15b/M25a/OV27
Wednesday, March 15, 2017	P7-3-PP162	264510	773320	443	0.12	-	CP
Wednesday, March 15, 2017	P7-3-PP163	264530	773320	-	-	-	M15b/M25a/OV27
Wednesday, March 15, 2017	P7-3-PP164	264530	773300	440	0.03	-	-
Wednesday, March 15, 2017	P7-3-PP165	264531	773590	470	0.10	-	-
Friday, March 03, 2017	P7-3-PP166	264520	773580	-	0.10	DRY	-
Wednesday, March 15, 2017	P7-3-PP167	264540	773600	473	0.31	-	M15b/H12
Wednesday, March 15, 2017	P7-3-PP168	264570	773560	469	0.07	-	H12a/M15b/U5/U4/U6
Wednesday, March 15, 2017	P7-3-PP169	264580	773570	469	0.20	-	-
Wednesday, March 15, 2017	P7-3-PP170	264560	773550	473	0.11	-	H12a/M15b/U5/U4/U6
Wednesday, March 15, 2017	P7-3-PP171	264610	773550	465	0.03	-	H12/H10
Wednesday, March 15, 2017	P7-3-PP172	264610	773540	463	0.13	-	-
Wednesday, March 15, 2017	P7-3-PP173	264610	773560	467	0.95	-	H12/M15b/U5/M6d/U4
Wednesday, March 15, 2017	P7-3-PP174	264650	773540	463	0.08	-	H12a/M15b/U5/U4/U6
Wednesday, March 15, 2017	P7-3-PP175	264660	773551	468	0.28	-	-
Wednesday, March 15, 2017	P7-3-PP176	264640	773530	462	0.21	-	H12a/M15b/U5/U4/U6
Wednesday, March 15, 2017	P7-3-PP177	264660	773500	458	1.44	-	M15b/H12
Wednesday, March 15, 2017	P7-3-PP178	264670	773500	456	0.50	-	M15b
Wednesday, March 15, 2017	P7-3-PP179	264650	773500	461	0.88	-	-
Wednesday, March 15, 2017	P7-3-PP180	264630	773460	452	1.10	-	M15b
Friday, March 03, 2017	P7-3-PP181	264620	773470	-	0.30	DRY	M6d/M11/M10
Wednesday, March 15, 2017	P7-3-PP182	264570	773520	463	1.01	-	M6d/M11/M10
Wednesday, March 15, 2017	P7-3-PP183	264550	773500	469	0.03	-	H12/M15b/U5/M6d/U4
Wednesday, March 15, 2017	P7-3-PP184	264600	773500	459	0.21	-	H12/M15b/U5/M6d/U4
Tuesday, March 28, 2017	P7-3-PP185	264700	773450	461	0.02	-	H12/M15b/U5/M6d/U4
Tuesday, March 28, 2017	P7-3-PP186	264710	773520	460	0.20	-	U5/M15b/M6d
Monday, March 27, 2017	P7-3-PP187	264720	773300	458	0.20	-	M15d/U5/U6a
Wednesday, March 15, 2017	P7-3-PP188	264550	773210	433	0.02	-	U5/H12/M6a
Monday, March 27, 2017	P7-3-PP189	264570	773190	429	0.15	-	U4/OV25/MG9
Monday, March 27, 2017	P7-3-PP190	264580	773190	429	0.15	-	U4/OV25/MG9
Monday, March 27, 2017	P7-3-PP191	264590	773170	428	0.35	-	U4/OV25/MG9
Monday, March 27, 2017	P7-3-PP192	264630	773150	426	0.40	-	U4/OV25/MG9
Monday, March 27, 2017	P7-3-PP193	264600	773190	431	0.15	-	U4/OV25/MG9
Monday, March 27, 2017	P7-3-PP194	264620	773190	431	0.55	-	U4/OV25/MG9
Monday, March 27, 2017	P7-3-PP195	264610	773170	430	0.15	-	U4/OV25/MG9
Monday, March 27, 2017	P7-3-PP196	264630	773170	426	0.20	-	U4/OV25/MG9
Monday, March 27, 2017	P7-3-PP197	264720	773072	430	0.15	-	U4/OV25/MG9
Monday, March 27, 2017	P7-3-PP198	264749	773050	431	0.10	-	M25a/M15b
Monday, March 27, 2017	P7-3-PP199	264670	773110	427	0.40	-	M6a
Monday, March 27, 2017	P7-3-PP200	264750	773270	456	0.15	-	M23b/M6/M23a/U6
Monday, March 27, 2017	P7-3-PP201	264800	773020	436	0.50	-	U5/H12/M6a
Monday, March 27, 2017	P7-3-PP202	264840	772990	438	0.15	-	M25a/M15b

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Monday, February 27, 2017	P7-3-PP203	264900	772950	-	0.50	DRY	M25a/M15b
Monday, March 27, 2017	P7-3-PP204	264960	772900	427	0.25	-	M25a
Monday, March 27, 2017	P7-3-PP205	265060	772840	425	0.50	-	U4a/CG10a
Monday, March 27, 2017	P7-3-PP206	265450	772700	433	0.10	-	M25a/M15d
Monday, March 27, 2017	P7-3-PP207	265390	772750	443	0.05	-	CG10a/OV27/U4/H12a/M32a
Monday, March 27, 2017	P7-3-PP208	265500	772700	442	0.10	-	OV27/H12a/MG1/W23/W24/U4/OV25
Monday, March 27, 2017	P7-3-PP209	265550	772650	432	0.30	-	CG10a/OV27/U4/H12a/M32a
Monday, March 27, 2017	P7-3-PP210	265550	772600	428	0.05	-	OV27/MG1/H12a/W23/W24/OV25/U4/CG10a
Monday, February 27, 2017	P7-3-PP211	265500	772600	-	0.10	DRY	U4a/U5/U6a
Monday, March 27, 2017	P7-3-PP212	265450	772600	419	0.15	-	U4a/MG10/M23a
Monday, March 27, 2017	P7-3-PP213	265450	772621	425	0.25	-	U4a/MG10/M23a
Monday, March 27, 2017	P7-3-PP214	265471	772600	423	0.15	-	U4a/MG10/M23a
Monday, March 27, 2017	P7-3-PP215	265471	772621	427	0.15	-	U4a/MG10/M23a
Monday, March 27, 2017	P7-3-PP216	265500	772620	431	0.10	-	U4a/MG10/M23a
Monday, March 27, 2017	P7-3-PP217	265520	772620	432	0.10	-	U4a/MG10/M23a
Monday, March 27, 2017	P7-3-PP218	265520	772600	431	0.05	-	U4a/MG10/M23a
Monday, March 27, 2017	P7-3-PP219	265450	772640	429	0.20	-	U4a/U5/U6a
Monday, March 27, 2017	P7-3-PP220	265470	772650	434	0.10	-	U4a/MG10/M23a
Monday, March 27, 2017	P7-3-PP221	265490	772640	429	0.05	-	U4a/MG10/M23a
Monday, March 27, 2017	P7-3-PP222	265500	772670	432	0.10	-	U4a/MG10/M23a
Monday, March 27, 2017	P7-3-PP223	265530	772610	429	0.05	-	CG10a/OV27/U4/H12a/M32a
Monday, March 27, 2017	P7-3-PP224	265600	772610	428	0.02	-	U4a/U5/U6a
Monday, March 27, 2017	P7-3-PP225	265600	772550	426	0.05	-	OV27/MG1/H12a/W23/W24/OV25/U4/CG10a
Monday, March 27, 2017	P7-3-PP226	265550	772550	424	0.02	-	U4a/U5/U6a
Monday, March 27, 2017	P7-3-PP227	265500	772550	422	0.05	-	U4a/U5/U6a
Monday, March 27, 2017	P7-3-PP228	265600	772500	420	0.02	-	U4a/MG10/M23a
Monday, February 27, 2017	P7-3-PP229	265650	772530	-	0.05	DRY	U4a/U5/U6a
Monday, March 27, 2017	P7-3-PP230	265590	772540	423	0.05	-	U4a/U5/U6a
Monday, March 27, 2017	P7-3-PP231	265570	772580	427	0.02	-	U4a/U5/U6a
Monday, March 27, 2017	P7-3-PP232	265560	772570	426	0.02	-	U4a/U5/U6a
Monday, March 27, 2017	P7-3-PP233	265605	772560	424	0.02	-	U4a/U5/U6a
Monday, March 27, 2017	P7-3-PP234	265620	772520	422	0.05	-	U4a/U5/U6a
Monday, February 27, 2017	P7-3-PP716	265600	772900	-	0.30	DRY	H12a/U4/CG10
Monday, February 27, 2017	P7-3-PP744	264200	774200	-	0.05	DRY	M15/U5/M6a/U4/U6/M3
Monday, February 27, 2017	P7-3-PP777	263141	776559	-	0.25	DRY	M15b/M17/M6
Monday, February 27, 2017	P7-3-PP786	262900	778800	-	0.80	DRY	H12a
Monday, February 27, 2017	P7-3-PP802	263484	775241	-	0.50	DRY	M23b/U5/U6/DG/U4
Tuesday, February 28, 2017	P7-3-PP814	262700	778000	-	0.12	DRY	H12a/M15a
Tuesday, February 28, 2017	P7-3-PP826	262985	776053	-	2.90	DRY	M4
Monday, February 27, 2017	P7-3-PP835	263133	775500	-	0.25	DRY	M17a
Tuesday, February 28, 2017	P7-3-PP841	262874	776438	-	0.65	DRY	M19
Tuesday, February 28, 2017	P7-3-PP845	262861	776562	-	4.50	DRY	S9a
Thursday, March 16, 2017	P7-3-PP882	263547	780360	445	0.42	-	M15b/H12a/M17/U5
Thursday, March 16, 2017	P7-3-PP883	263525	780384	438	0.44	-	BD - OHL
Thursday, March 16, 2017	P7-3-PP884	263556	780512	436	0.13	-	U5/H12a/U4/U6
Thursday, March 16, 2017	P7-3-PP885	263537	780478	434	0.27	-	U5/U4/H12a
Thursday, March 16, 2017	P7-3-PP886	263513	780434	437	0.06	-	U5a/U4a/H12a/CG10
Thursday, March 16, 2017	P7-3-PP887	263499	780406	438	0.44	-	M15b/M19a/M25a/U5/M15a
Thursday, March 16, 2017	P7-3-PP888	263492	780380	439	0.28	-	M15b/M19a/M25a/U5/M15a
Thursday, March 16, 2017	P7-3-PP889	263477	780338	445	0.33	-	BD - OHL
Thursday, March 16, 2017	P7-3-PP890	263563	780509	435	0.16	-	U5/H12a/U4/U6

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Thursday, March 16, 2017	P7-3-PP891	263551	780517	437	0.19	-	U5/H12a/U4/U6
Thursday, March 16, 2017	P7-3-PP892	263543	780474	434	0.21	-	U5/H12a/U4/U6
Thursday, March 16, 2017	P7-3-PP893	263531	780483	433	0.25	-	U5/U4/H12a
Thursday, March 16, 2017	P7-3-PP894	263519	780430	439	0.37	-	U5a/U4a/H12a/CG10
Thursday, March 16, 2017	P7-3-PP895	263506	780439	437	0.07	-	M15b/M19a/M25a/U5/M15a
Thursday, March 16, 2017	P7-3-PP896	263505	780402	436	0.26	-	M15b/M19a/M25a/U5/M15a
Thursday, March 16, 2017	P7-3-PP897	263491	780409	440	0.34	-	M15b/M19a/M25a/U5/M15a
Thursday, March 16, 2017	P7-3-PP898	263500	780379	440	0.38	-	M15b/M19a/M25a/U5/M15a
Thursday, March 16, 2017	P7-3-PP899	263484	780380	439	0.19	-	M15b/M19a/M25a/U5/M15a
Thursday, March 16, 2017	P7-3-PP900	263500	780330	437	0.42	-	M15b/H12a/M17/U5
Wednesday, March 15, 2017	P7-3-PP901	263460	780292	436	0.44	-	BD - OHL
Wednesday, March 15, 2017	P7-3-PP902	263460	780234	438	0.22	-	M17/M15b/M6/M3
Wednesday, March 15, 2017	P7-3-PP903	263438	780243	433	0.31	-	BD - OHL
Wednesday, March 15, 2017	P7-3-PP904	263442	780193	439	0.22	-	M15b/M6/M3
Wednesday, March 15, 2017	P7-3-PP905	263413	780205	437	0.51	-	BD - OHL
Wednesday, March 15, 2017	P7-3-PP906	263418	780153	437	0.28	-	M15b/M6/M3
Wednesday, March 15, 2017	P7-3-PP907	263389	780162	432	0.36	-	BD - OHL
Wednesday, March 15, 2017	P7-3-PP908	263405	780115	436	0.28	-	H12a/H21a/U5/U4
Wednesday, March 15, 2017	P7-3-PP909	263375	780122	435	0.25	-	BD - OHL
Wednesday, March 15, 2017	P7-3-PP910	263387	780064	436	0.38	-	M17/M15b/M6/M15a
Wednesday, March 15, 2017	P7-3-PP911	263359	780078	432	0.10	-	BD - OHL
Wednesday, March 15, 2017	P7-3-PP912	263371	780016	437	1.00	-	M17/M15b/M6/M15a
Wednesday, March 15, 2017	P7-3-PP913	263342	780028	433	0.21	-	BD - OHL
Wednesday, March 15, 2017	P7-3-PP914	263338	779971	434	0.65	-	M17/M15b/M6/M15a
Wednesday, March 15, 2017	P7-3-PP915	263317	779992	430	0.44	-	BD - OHL
Wednesday, March 15, 2017	P7-3-PP916	263298	779934	432	0.50	-	M17/M6/H12a/M3/U5
Wednesday, March 15, 2017	P7-3-PP917	263279	779954	432	0.23	-	M25a/M15b
Wednesday, March 15, 2017	P7-3-PP918	263293	779876	432	0.43	-	M17/M6/H12a/M3/U5
Wednesday, March 15, 2017	P7-3-PP919	263264	779875	432	0.12	-	M15b/M15a
Wednesday, March 15, 2017	P7-3-PP920	263295	779828	433	0.79	-	M17/M6/H12a/M3/U5
Wednesday, March 15, 2017	P7-3-PP921	263263	779831	433	1.24	-	M15b/M15a
Wednesday, March 15, 2017	P7-3-PP922	263260	779774	434	0.77	-	M15b/M15a
Wednesday, March 15, 2017	P7-3-PP923	263293	779721	438	0.75	-	M17/M6/H12a/M3/U5
Wednesday, March 15, 2017	P7-3-PP924	263260	779721	435	1.27	-	M15b/M15a
Wednesday, March 15, 2017	P7-3-PP925	263288	779667	439	0.98	-	M17/M6/H12a/M3/U5
Wednesday, March 15, 2017	P7-3-PP926	263260	779671	437	0.84	-	BG
Wednesday, March 15, 2017	P7-3-PP927	263256	779617	439	0.59	-	M17
Wednesday, March 15, 2017	P7-3-PP928	263235	779636	439	0.57	-	M15b/M6c/M2
Tuesday, March 28, 2017	P7-3-PP929	263236	779553	437	0.60	-	M17
Tuesday, March 28, 2017	P7-3-PP930	263210	779553	440	0.30	-	M15b/M6c/M2
Thursday, March 16, 2017	P7-3-PP931	263276	780011	432	0.19	-	M25a/M15b
Thursday, March 16, 2017	P7-3-PP932	263429	780462	430	0.14	-	U5/U4
Thursday, March 16, 2017	P7-3-PP933	263400	780400	433	0.30	-	M20/M2
Thursday, March 16, 2017	P7-3-PP934	263296	780058	434	0.42	-	M15
Thursday, March 16, 2017	P7-3-PP935	263322	780129	430	0.54	-	M15
Thursday, March 16, 2017	P7-3-PP936	263370	780287	435	0.27	-	M15b/M6a
Thursday, March 16, 2017	P7-3-PP937	263332	780368	432	0.29	-	M15
Thursday, March 16, 2017	P7-3-PP938	263306	780277	434	0.27	-	M15
Thursday, March 16, 2017	P7-3-PP939	263277	780163	433	0.50	-	M15
Tuesday, March 28, 2017	P7-3-PP940	263400	779900	441	0.20	-	H12a/H21a/M6a
Tuesday, February 28, 2017	P7-3-PP941	263600	780300	443	0.25	-	M15b/H12a/M17/U5

Date	Location ID	Easting	Northing	Ground Level (mAOD)	Probed/ Peat Depth (m)	Groundwater Level (m)	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
Thursday, March 30, 2017	P7-3-PP942	263400	779600	-	0.40	-	M15/H12a/M6/H21a/M17/M3
Monday, March 06, 2017	P7-3-PP943	263487	780283	-	0.30	DRY	M17/M15b/M6/M3
Monday, March 06, 2017	P7-3-PP944	263500	780100	-	0.05	DRY	H12a/H21a/U5/U4
Monday, March 06, 2017	P7-3-PP945	263295	779775	-	0.40	DRY	M17/M6/H12a/M3/U5
Monday, March 06, 2017	P7-3-PP946	263342	780196	-	0.30	DRY	M15
Monday, March 06, 2017	P7-3-PP947	263687	781394	-	1.45	DRY	M17/M15b
Tuesday, March 28, 2017	P7-3-PP948	263200	779400	444	0.35	-	-

Equipment	1.20m Van Walt Utility Peat Probe with 0.92m extension rods, 1.00m Van Walt Russian Corer with 1.00m extension rods
GPS Equipment (Accuracy)	Garmin eTrex 12-channel GPS (+/- 3.00 to 6.00 m)
Staff/ Contractor	Raeburn Drilling and Geotechnical Ltd (various)

Table 7: Preliminary Ground Investigation (Raeburn, December 2016 to April 2017) (Boreholes and Trial Pits)

Location ID	Easting	Northing	Ground Level (mAOD)	Thickness (m)	Basic Peat/ Peaty Soil Description	Groundwater Level (m)	Basic Substrate Description	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
BH7-3-100	265512.70	772618.70	428.55	0.20	PEAT	0.20	SAND and GRAVEL	U4a/MG10/M23a
BH7-3-101	263793.10	774347.00	466.95	0.00	-	-	-	M15b/M25a/U5
BH7-3-102	264539.80	773535.50	467.90	-	Dark brown pseudofibrous PEAT	7.40	-	H12/H10
BH7-3-102	264539.80	773535.50	467.90	2.00	Brown, sand slightly gravelly PEAT with medium cobble content	7.40	GRAVEL	H12/H10
BH7-3-103	264616.10	773329.50	437.76	0.20	Peaty TOPSOIL	DRY	TOPSOIL	U5/U4b/M15a
BH7-3-104	264619.40	773276.10	437.47	0.00	-	-	-	U20/OV27/W23/MG1/U4b/U2a
BH7-3-105	264172.70	773656.70	441.28	0.00	-	-	-	U4a/OV25/M6a
BH7-3-106	264185.20	773821.60	467.17	1.20	Dark brown pseudofibrous PEAT with roots	DRY	SAND	CP
BH7-3-107	263982.10	774098.20	468.25	0.25	Dark brown pseudofibrous PEAT with roots	2.65 / 4.50	SAND	M15b/M15a
BH7-3-108	263887.90	774166.10	460.76	0.00	-	-	-	M15b/M25a/U5
BH7-3-109	263814.10	774155.20	447.65	0.00	-	-	-	U4a/U4b
BH7-3-110A	263679.60	774436.20	460.84	0.00	-	-	-	H12a/U4b
BH7-3-111	263668.60	774479.70	459.29	0.00	-	-	-	H12a/U4b
BH7-3-112	263633.30	774614.20	457.43	0.00	-	-	-	H12/U4/U5/CG10
BH7-3-113	263565.00	774536.10	437.28	0.70	Dark brown gravelly amorphous PEAT with medium cobble content	DRY	SAND and GRAVEL	U4a/U4b
BH7-3-115	263361.10	775116.70	446.62	0.00	-	-	-	RTP
BH7-3-116	263286.80	775306.00	454.67	1.70	Dark brown fibrous PEAT with roots	12.40	SAND	U4a/M23a/CG10a/M6c
BH7-3-117	263277.50	775513.50	459.29	0.80	Dark brown gravelly pseudifibrous PEAT with roots and low cobble content	DRY	GRAVEL	H12/U4/U5
BH7-3-118	263218.10	775515.30	454.33	0.00	-	-	-	U4b/U4a/H12a
BH7-3-119	263181.90	775736.20	455.86	0.40	Dark brown pseudofibrous PEAT with roots	DRY	SAND	H21a/U4a/H12a/OV27
BH7-3-120	262948.30	776504.30	450.49	-	Dark brown fibrous PEAT with roots	3.50	-	S9a
BH7-3-120	262948.30	776504.30	450.49	4.10	Dark brown amorphous PEAT	3.50	SILT	S9a
BH7-3-121	262818.20	776850.70	449.91	1.10	Dark brown pseudofibrous PEAT with roots	1.20	GRAVEL	U4a/H12a
BH7-3-122	262746.30	777023.20	449.75	-	Dark brown amorphous PEAT with roots	4.00	GRAVEL	H21a/H12a/M15b
BH7-3-122	262746.30	777023.20	449.75	2.25	PEAT with traces of gravel	4.00	SAND and GRAVEL	H21a/H12a/M15b
BH7-3-123	262577.20	777473.40	448.14	0.00	-	-	-	-
BH7-3-124	262568.10	777518.50	447.15	0.00	-	-	-	-
BH7-3-125	262654.00	777433.00	464.54	0.00	-	-	-	BD - OHL
BH7-3-126	262625.90	777498.10	458.33	-	PEAT	11.20	-	H12a/U4/U5/H10/M15a
BH7-3-126	262625.90	777498.10	458.33	1.30	PEAT with gravel	11.20	SAND and GRAVEL	H12a/U4/U5/H10/M15a
BH7-3-127	262593.30	777729.10	453.92	0.90	PEAT with traces of gravel (drillers description)	6.25	SAND and GRAVEL	BG
BH7-3-128	262579.10	777890.90	449.37	1.00	Dark brown, gravelly amorphous PEAT with low cobble content	5.65	SAND and GRAVEL	M15b/U6
BH7-3-129	262593.40	778402.20	430.90	0.00	-	-	-	H12a/BG/U4/MG1/H10
BH7-3-130	262659.00	778541.70	435.49	0.00	-	-	-	H12a/BG/U4/MG1/H10
BH7-3-131	262830.60	779251.80	421.54	0.00	-	-	-	U5a/H12a/U4a/M6a/OV27

Location ID	Easting	Northing	Ground Level (mAOD)	Thickness (m)	Basic Peat/ Peaty Soil Description	Groundwater Level (m)	Basic Substrate Description	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
BH7-3-132	262907.00	779269.70	426.66	0.20	Peaty TOPSOIL	14.00	SAND	U4b/U6/U2a
BH7-3-133	262879.40	779317.20	424.26	0.50	Peaty TOPSOIL with boulders	4.40	SAND and GRAVEL	H12a/U4a
BH7-3-134	262983.60	779487.40	424.91	0.00	-	-	-	CP
BH7-3-135	262969.10	779549.10	421.75	-	Brown silty fine and medium sand with pockets of peat	1.20	-	M23a/M6a/M15b/M6d/U5a/U4a
BH7-3-135	262969.10	779549.10	421.75	1.70	Dark brown sandy silty pseudofibrous PEAT	1.20	SAND	M23a/M6a/M15b/M6d/U5a/U4a
BH7-3-135	262969.10	779549.10	421.75	1.00	Grey gravelly silty fine and medium SAND with pockets of peat	1.20	GRAVEL	M23a/M6a/M15b/M6d/U5a/U4a
BH7-3-136	263046.00	779879.50	417.46	-	Dark brown fibrous PEAT with roots	-	-	U4b/U4a
BH7-3-136	263046.00	779879.50	417.46	2.00	Dark brown gravelly sandy PEAT with pockets of sand and low cobble content	10.00	GRAVEL	U4b/U4a
BH7-3-137	263176.40	779812.50	426.11	2.00	Dark brown pseudofibrous PEAT	0.30	GRAVEL	M15b/M6c/M2
BH7-3-137	263176.40	779812.50	426.11	1.00	Brown sandy fine to coarse GRAVEL of mixed lithologies including psammite and quartz with PEAT	0.30	GRAVEL with PEAT	M15b/M6c/M2
BH7-3-138	263153.00	780260.60	417.23	0.60	Dark brown fibrous PEAT with roots	DRY	GRAVEL	M17a
BH7-3-139	263238.40	780527.80	417.21	0.00	-	-	-	H12a/U4a/OV27
BH7-3-140	263328.00	780678.70	417.57	0.00	-	-	-	U4a
BH7-3-141	263336.50	780594.40	419.23	0.00	-	-	-	M15b/M20/U5/JA
BH7-3-142	263515.90	780923.60	413.21	0.10	PEAT (DRILLERS Description)	DRY	SAND	H12/U5/U4/S9a
BH7-3-143	263465.80	780946.10	411.83	0.00	-	-	-	U4a/MG10a/U5a/H12c
BH7-3-144	263558.30	780994.20	410.72	0.00	-	-	-	H12/U5/U4/S9a
BH7-3-145	263580.60	781169.60	405.34	1.30	Dark brown gravelly sandy SILT with peat and medium cobble content, below 2m peat content increases	2.00	GRAVEL	M15b
BH7-3-146	263667.90	781365.50	403.01	-	Dark brown fibrous PEAT with roots	5.20	-	M15b
BH7-3-146	263667.90	781365.50	403.01	1.70	Dark brown, sandy gravelly PEAT with medium cobble content	5.20	GRAVEL	M15b
BH7-3-147	263717.70	781421.80	401.16	0.30	Dark brown pseudofibrous PEAT with roots	5.20	SAND	M15b
BH7-3-147	263717.70	781421.80	401.16	0.70	Brown gravelly silty fine and medium SAND with medium cobble content and occasional pockets of peat	5.20	GRAVEL with PEAT	M15b
BH7-3-148	263773.40	781413.60	402.51	1.60	Brown sandy silty medium and coarse subangular GRAVEL with pockets of PEAT	DRY	SAND	H12/U5/U4/S9a
BH7-3-149	263748.30	781471.70	401.50	0.00	-	-	-	U5a/U4b
BH7-3-150	264516.10	773344.40	442.29	0.25	Dark brown amorphous PEAT with roots	5.00	SAND	H12a/OV27/SWS/M25a
TP7-3-103	264948.40	772968.90	439.44	0.00	-	-	-	U4a/CG10a
TP7-3-104	264828.60	773058.90	434.96	0.00	-	-	-	U4a/CG10a
TP7-3-105	264756.70	773101.10	431.92	-	Black and brown silty gravelly peaty TOPSOIL with alternating peat horizons	-	-	M25a/M15b
TP7-3-105	264756.70	773101.10	431.92	1.40	Light brown PEAT	2.60	SAND and GRAVEL	M25a/M15b
TP7-3-106	264797.20	773213.40	454.31	0.10	Dark brown and black spongy peaty TOPSOIL	2.30	SAND	H12a/H10/U4/U5/M15b/M32a
TP7-3-107	264701.40	773145.20	431.68	0.40	Black peaty TOPSOIL with many rootlets	-	SAND and GRAVEL	U4/M15b
TP7-3-108	264711.60	773257.00	444.07	0.40	Dark brown and black fibrous peaty TOPSOIL	0.70	MADE GROUND	U5/H12/M6a
TP7-3-109	264605.40	773180.70	428.68	0.00	-	-	-	U4/OV25/MG9
TP7-3-110	264545.40	773504.70	467.36	0.40	Orange and dark brown sandy, slightly peaty TOPSOIL with rootlets	-	SAND	-
TP7-3-111	264679.50	773297.60	446.99	0.00	-	-	-	U5/H12/M6a
TP7-3-112	264627.30	773227.50	431.05	0.00	-	-	-	U4/OV25/MG9

Location ID	Easting	Northing	Ground Level (mAOD)	Thickness (m)	Basic Peat/ Peaty Soil Description	Groundwater Level (m)	Basic Substrate Description	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
TP7-3-112A	264492.70	773312.40	432.82	-	Dark brown slightly sandy pseudofibrous peat with roots, medium boulder content and fragments of glass	-		M15b/M25a/OV27
TP7-3-112A	264492.70	773312.40	432.82	1.80	Dark reddish brown pseudofibrous PEAT with roots	1.80	SAND	M15b/M25a/OV27
TP7-3-113	264574.60	773369.80	444.15	0.20	Black slightly gravelly sandy TOPSOIL with occasional peat	DRY	MADE GROUND	H12/M15b/U5/M6d/U4
TP7-3-114	264576.40	773400.00	445.16	1.80	Brown gravelly SAND with lenses of peat	2.00	COBBLES	H12/M15b/U5/M6d/U4
TP7-3-115	264513.20	773512.70	466.54	0.00	-	-	-	H12/H10
TP7-3-116	264431.30	773456.80	447.55	0.10	Dark brown fibrous peaty TOPSOIL	2.50	GRAVEL	U4b/H12/MG1/OV27
TP7-3-117	264413.20	773562.20	461.10	0.50	Dark brown Peat with rootlets	-	SAND	M17a
TP7-3-118	264301.30	773682.50	464.43	0.70	Dark brown PEAT with rootlets	1.60	SAND and GRAVEL	M15b/M25a/U5
TP7-3-119	264147.90	773875.00	465.15	0.60	Dark brown PEAT with rootlets	Surface	SAND	M17a/M3
TP7-3-120	264007.20	773871.00	437.73	0.40	Dark brown sandy slightly gravelly PEAT	0.70	SAND and GRAVEL	U4a/OV25/M6a
TP7-3-121	264107.60	773767.00	446.36	2.70	Dark brown sandy PEAT	3.70	SAND and GRAVEL	U4a/OV25/M6a
TP7-3-122	264014.00	774039.90	465.38	-	Dark brown PEAT with rootlets	3.60	-	M17a/M1/M3/M2
TP7-3-122	264014.00	774039.90	465.38	1.00	Brown gravelly peaty medium SAND	3.60	SAND	M17a/M1/M3/M2
TP7-3-123	263786.60	774220.10	454.26	0.00	-	-	-	U4a/U4b
TP7-3-124	263847.10	774261.20	468.05	-	Dark brown PEAT	0.80	-	M15b/M25a/U5
TP7-3-124	263847.10	774261.20	468.05	1.10	Dark brown gravelly PEAT with high cobble content and rootlets	0.80	SAND and GRAVEL	M15b/M25a/U5
TP7-3-125	263549.60	774782.20	457.94	0.30	Dark brown peaty TOPSOIL with a matrix of slightly gravelly fine to coarse sand and occasional rootlets	1.60	SAND	H12/U4/U5/CG10
TP7-3-126	263522.70	774932.50	472.20	-	Dark brown fibrous PEAT with roots	-	-	CP
TP7-3-126	263522.70	774932.50	472.20	2.00	Dark brown pseudofibrous PEAT with roots	1.40	SAND	CP
TP7-3-127	263478.90	775020.50	471.50	0.60	Dark brown amorphous PEAT with medium cobble content.	DRY	SAND and GRAVEL	H12/U4/U5/CG10
TP7-3-128	263372.70	775081.40	446.75	0.00	-	-	-	U4a/U4b/M23a
TP7-3-130	263385.10	775265.60	470.07	0.20	Dark brown sandy PEAT with rootlets and organic odour	DRY	SAND	U4b/MG1
TP7-3-131	263238.10	775402.20	453.13	0.90	Dark brown PEAT	-	SAND and GRAVEL	U4a/M23a/CG10a/M6c
TP7-3-132	263278.80	775611.20	465.70	0.00	-	DRY	-	H12a/H10b
TP7-3-133	263177.60	775723.50	455.65	0.20	Blackish brown gravelly peaty silty TOPSOIL	1.60	MADE GROUND	H21a/U4a/H12a/OV27
TP7-3-134	263121.00	775990.10	459.84	0.00	-	-	-	U4b
TP7-3-135	263000.80	776340.30	452.42	2.00	Dark brown slightly gravelly pseudofibrous PEAT	-	SAND	M4/M23a/M5/M6d
TP7-3-136	262891.90	776648.50	453.97	0.00	-	-	-	H12a/U4a/OV27/SWS
TP7-3-137	262881.70	776738.20	453.08	-	Black, gravelly amorphous PEAT	-	-	U4a/H12a
TP7-3-137	262881.70	776738.20	453.08	0.40	Brown slightly gravelly fine to coarse SAND with low cobble content, high organic content and organic fibres	1.90	SAND	U4a/H12a
TP7-3-138	262790.90	776942.20	453.21	0.00	-	-	-	H21a/H12a/M15b
TP7-3-139	262736.50	777047.20	449.06	1.50	Brown, spongy, pseudofibrous PEAT with occasional roots and branches	1.90	GRAVEL	H21a/H12a/M15b
TP7-3-140	262630.90	777283.40	448.37	-	Grey brown, silty, very sandy gravelly amorphous PEAT, becoming psuedo fibrous	-	-	U4a/OV27/H12a
TP7-3-140	262630.90	777283.40	448.37	2.35	Black and brown spongy pseudofibrous PEAT	2.90	GRAVEL	U4a/OV27/H12a
TP7-3-141	262650.80	777460.20	463.07	0.00	-	-	-	BG
TP7-3-142	262593.20	778073.60	447.88	0.00	-	-	-	BG

Location ID	Easting	Northing	Ground Level (mAOD)	Thickness (m)	Basic Peat/ Peaty Soil Description	Groundwater Level (m)	Basic Substrate Description	Vegetation/ Habitat based on NVC Surveys (MacArthur Green, 2015)
TP7-3-143	262595.40	778274.60	441.97	0.30	Dark greyish brown gravelly sandy pseudofibrous PEAT with roots.	3.10	SAND and GRAVEL	BG
TP7-3-144	262544.70	778413.30	432.18	0.40	Black plastic slightly gravelly amorphous PEAT with many roots	DRY	GRAVEL	M15b
TP7-3-145	262629.70	778469.50	433.52	0.00	-	DRY	-	H12a/BG/U4/MG1/H10
TP7-3-146	262615.40	778576.70	427.65	0.25	Brown and black sandy gravelly peaty TOPSOIL	1.70	GRAVEL	RTP
TP7-3-147	262703.30	778702.60	431.03	0.00	-	-	-	M16d/U4
TP7-3-148	262643.20	778741.90	425.18	0.50	Brown pseudofibrous PEAT with large branches	0.40 / 1.20	GRAVEL	H21a
TP7-3-149	262706.20	778894.00	425.91	0.25	Brown slightly gravelly pseudofibrous PEAT	2.90	SAND and GRAVEL	H21a/H12a/M15b
TP7-3-150	262787.90	779091.30	425.56	-	GRAVEL with 30 - 50% PEAT	1.00 to 3.20	-	OV27/U4a/H12a
TP7-3-150	262787.90	779091.30	425.56	2.20	GRAVEL with 30 - 50% black amorphous PEAT	1.00 to 3.20	GRAVEL	OV27/U4a/H12a
TP7-3-151	262823.30	779039.60	427.22	0.50	Dark brown peaty clay TOPSOIL	2.70	SAND and GRAVEL	H21a/M19a/H12a/H10
TP7-3-153	263042.40	779633.30	424.65	0.00	-	-	-	MP
TP7-3-154	263090.20	779773.30	425.10	0.60	Dark brown PEAT	-	SAND and GRAVEL	CP
TP7-3-155	263092.70	779778.70	426.08	0.50	Dark brown PEAT with rootlets and organic odour	DRY	SAND and GRAVEL	CP
TP7-3-156	263192.00	779823.80	426.62	0.70	Dark brown PEAT	0.60	GRAVEL	M15b/M6c/M2
TP7-3-157	263074.70	779949.30	418.79	0.00	-	-	-	U4a/H12c
TP7-3-158	262975.40	779919.90	416.62	0.40	Black and brown slightly silty peaty TOPSOIL with many rootlets	2.60	SAND and GRAVEL	M17a
TP7-3-159	263103.30	780171.00	419.96	0.20	Black silty, sandy peaty TOPSOIL with many rootlets	-	SAND and GRAVEL	M19a/M6a/U4a
TP7-3-160	263213.70	780282.70	421.22	0.55	Dark brown and black peaty TOPSOIL with matrix of slightly gravelly fine to coarse sand and occasional rootlets	DRY	SAND	M19a/H21a
TP7-3-161	263205.70	780414.50	418.18	1.40	Black and brown slightly sandy PEAT with many rootlets and low cobble content	-	SAND and GRAVEL	M17a
TP7-3-162	263313.30	780555.40	419.35	0.00	-	-	-	M15b/M20/U5/JA
TP7-3-163	263424.90	780776.90	417.11	0.00	-	-	-	H12/U5/U4/S9a
TP7-3-164	263439.80	780908.00	412.23	0.40	Black and brown, slightly silty peaty TOPSOIL with many rootlets and low cobble content	-	SAND	U4a/MG10a/U5a/H12c
TP7-3-165	263521.10	781071.50	408.21	0.00	-	-	-	U4a/MG10a/U5a/H12c
TP7-3-166	263661.70	781170.10	406.42	0.00	-	-	-	H12/U5/U4/S9a
TP7-3-168	263744.50	781346.40	403.87	0.00	-	-	-	H12/U5/U4/S9a
TP7-3-169	263722.30	781403.50	401.75	0.95	Dark brown and black peaty TOPSOIL with matrix of slightly gravelly fine to coarse sand and frequent rootlets.	DRY	SAND and GRAVEL	M15b
TP7-3-170	263828.00	781526.90	405.71	0.00	-	-	-	H12/M15/U5/M25/S9a
TP7-3-171	263876.30	781686.90	399.70	0.40	Dark brown and blueish grey fibrous PEAT and gravelly fine to coarse SAND	2.00	GRAVEL	H12/M15/U5/M25/S9a
TP7-3-172	263925.20	781846.20	400.82	0.00	-	-	-	H12/M25/S9a
HP7-3-103	264965.30	772981.80	446.50	0.00	-	DRY	-	OV27/U4b/U20/W23
HP7-3-104	264843.60	773088.50	446.99	0.00	-	DRY	-	OV27/U4b/U20/W23

Equipment	Variable (Hand Tools, Cable Percussion/ Rotary Drilling Rigs and Tracked Excavator)
GPS Equipment (Accuracy)	Total Station Theodolite
Staff/ Contractor	Raeburn Drilling and Geotechnical Limited (on behalf of CH2M Fairhurst Joint Venture and Transport Scotland)

Annex 10.1.3

Peat Characteristic Data

Table 1: Advanced Ground Investigation (Raeburn, August to December 2015) (Boreholes and Trial Pits)

Location ID	Easting	Northing	Depth to Top (m)	Depth to Bottom (m)	Thickness (m)	Basic Peat/ Peaty Soil Description	Von Post Classification	Groundwater Level (m)
BH7-002	264773.25	773214.38	0.00	0.20	0.20	Dark brown peaty topsoil	-	3.75
BH7-003	264538.13	773518.98	0.00	0.15	0.15	Dark brown peat	-	DRY
BH7-003A	264453.80	773568.45	0.00	0.40	-	Dark brown fibrous PEAT with high root content	H6, B4	-
BH7-003A	264453.80	773568.45	0.40	2.50	2.10	Brown clayey fine to coarse SAND and fine and medium subangular and subrounded GRAVEL of mixed lithologies with low cobble content and pockets of dark brown PEAT	-	DRY
BH7-004	264653.71	773366.41	0.20	1.00	0.80	Dark brown gravelly SAND with occasional pockets of pseudofibrous PEAT	-	1.20
BH7-005	264354.67	773640.11	0.00	0.50	-	Dark brown fibrous PEAT with high root content	H4, B3	-
BH7-005	264354.67	773640.11	0.50	1.10	1.10	Dark brown fibrous PEAT with high root content	H6, B3	0 to 1.10 (damp)
BH7-005A	264353.25	773641.30	0.00	0.50	-	Dark brown fibrous PEAT with high root content	H4, B3	-
BH7-005A	264353.25	773641.30	0.50	1.10	1.10	Dark brown fibrous PEAT with high root content	H6, B3	4.60
BH7-006	263970.26	773912.15	0.00	0.30	0.30	Dark brown peaty topsoil	-	-
BH7-006	263970.26	773912.15	0.30	0.70	0.70	Brown slightly clayey very gravelly fine to coarse SAND with medium cobble content and pockets of PEAT	-	5.00
BH7-007	263801.26	774434.86	0.00	0.50	0.50	Dark brown PEAT	-	DRY
BH7-007A	263799.78	774436.21	0.00	0.50	0.50	Dark brown PEAT	-	2.80
BH7-008	263586.20	774604.20	1.00	1.20	1.20	Dark brown pseudofibrous PEAT with medium root content and occasional pockets of light brown sand	-	DRY
BH7-010	263220.00	775433.67	2.80	4.10	-	Very soft dark brown mottled and faintly laminated clayey silty amorphous PEAT with roots and some wood	H5, B3	-
BH7-010	263220.00	775433.67	4.10	5.00	2.20	Very dense dark brown mottled peaty very sandy gravelly SILT with low cobble content	-	4.50
BH7-011	263217.88	775797.47	0.00	0.30	0.30	Dark brown sandy peaty TOPSOIL with high root content	-	-
BH7-011	263217.88	775797.47	1.20	1.50	0.30	Very dense brown silty very gravelly fine to coarse SAND with low cobble content and pockets of dark brown fibrous PEAT	-	DRY
BH7-011A	263216.70	775798.84	0.00	0.30	0.30	Dark brown sandy peaty topsoil with high root content	-	DRY
BH7-012	263061.28	776248.04	0.00	0.20	0.20	Dark brown peaty topsoil with rootlets and pockets of fine to coarse angular to subangular gravel	-	3.80
BH7-013	262639.86	777466.57	0.00	0.30	-	Very dark brown peaty topsoil	-	-
BH7-013	262639.86	777466.57	0.30	0.75	0.75	Soft very dark greyish brown gravelly psuedofibrous PEAT with roots and low cobble content	-	DRY
BH7-014	262583.17	777749.38	0.00	1.20	1.20	Soft very dark brown gravelly pseudofibrous PEAT with roots and medium cobble content	-	0.30
BH7-015	262599.81	778298.14	0.00	0.60	0.60	Dark brown sandy gravelly peaty TOPSOIL with medium cobble content	-	DRY
BH7-015A	262602.13	778300.60	0.00	0.70	0.70	Dark brown sandy gravelly peaty TOPSOIL with medium cobble content	-	DRY
BH7-016	262552.70	778436.10	0.00	1.00	-	Dark brown fibrous PEAT with high root content	H5, B3	-
BH7-016	262552.70	778436.10	1.00	1.70	1.70	Dense mottled dark brown and orange clayey very gravelly fine to coarse SAND with pockets of dark brown silty PEAT and low cobble content	-	2.00
BH7-017	262621.31	778663.62	0.00	0.60	0.60	Dark brown PEAT	-	2.90 (heavy groundwater at 6.00m)
BH7-019	263096.61	779992.78	0.00	0.50	0.50	Dark brown fibrous PEAT with cobbles	H2, B1	DRY
BH7-020	263699.95	781264.25	0.00	0.05	0.05	Dark brown PEAT	-	1.30
BH7-020A	263697.55	781257.25	0.00	0.05	0.05	Dark brown PEAT	-	1.30
BH7-023	264270.60	773555.32	0.00	0.30	0.30	Dark brown peaty topsoil	-	DRY
BH7-023A	264272.48	773554.11	0.00	0.30	0.30	Dark brown peaty topsoil	-	DRY
TP7-001	264662.85	773169.78	0.00	0.70	-	Dark greyish brown locally sandy fibrous plastic PEAT with high root content	H4, B3	-
TP7-001	264662.85	773169.78	0.70	1.20	1.20	Reddish brown psuedofibrous plastic PEAT with high root content	H4, B3	0.70
TP7-003	264475.74	773418.35	0.00	0.50	0.50	Dark brown psuedofibrous PEAT with lenses of light brown sand and medium root content	H4, B2	2.00

Location ID	Easting	Northing	Depth to Top (m)	Depth to Bottom (m)	Thickness (m)	Basic Peat/ Peaty Soil Description	Von Post Classification	Groundwater Level (m)
TP7-005	264232.49	773662.90	0.00	0.30	0.30	Dark greyish brown pseudofibrous PEAT with medium and high root content	H5, B3	2.40
TP7-005A	264326.51	773760.00	0.00	1.10	1.10	Dark brown psuedofibrous PEAT with lenses of light brown sand and medium root content	H4, B2	DRY
TP7-006	264144.61	773772.45	0.00	0.40	0.40	Dark brown locally orange brown slightly sandy pseudofibrous PEAT with pockets of gravel	-	DRY
TP7-008	263728.87	774323.07	1.30	1.90	0.60	Dark brown spongy fibrous locally plastic PEAT	H3, B1	DRY
TP7-008	263728.87	774323.07	2.40	3.10	0.70	Dark brown and black pseudo-fibrous fibrous locally plastic PEAT	H5, B1	DRY
TP7-009	263714.89	774443.87	0.00	0.70	-	Brown fibrous locally plastic PEAT with pockets of slightly gravelly sand and medium root content	H4, B4	-
TP7-009	263714.89	774443.87	0.70	1.30	1.30	Mottled greyish brown, locally blueish grey gravelly fine to coarse SAND with occasional pockets of PEAT	-	0.70
TP7-010	263590.86	774699.43	0.00	0.20	0.20	Very dark brown very gravelly peaty topsoil	-	DRY
TP7-011	263460.14	774824.74	0.00	0.70	0.70	Dark brown sandy gravelly peaty TOPSOIL with low root and cobble content	-	DRY
TP7-016	263126.02	776121.20	1.60	1.70	0.10	Dark brown peaty slightly gravelly fine and medium SAND with high root content (possible old topsoil horizon)	-	-
TP7-017	262991.03	776396.17	0.00	1.30	1.30	Brown fibrous PEAT with high root content	H4, B3	1.30
TP7-020	262836.01	776925.25	1.60	2.00	0.40	Brown slightly sandy fibrous spongy locally plastic PEAT with high root content	H3, B2	1.50
TP7-025	262586.49	778135.52	0.00	0.10	0.10	Dark greyish brown slightly clayey sandy gravelly peaty TOPSOIL with roots and low cobble content	-	1.50
TP7-026	262740.02	778847.40	0.00	0.80	0.80	Dark reddish brown locally dark greyish brown psuedofibrous PEAT with pockets of gravel, medium root and low cobble content	H5, B4	DRY
TP7-027	262789.04	778975.12	0.00	0.40	0.40	Dark greyish brown pseudofibrous PEAT with medium root content	H5, B3	DRY
TP7-028	262854.48	779123.26	0.00	0.80	0.80	Dark greyish brown slightly sandy gravelly peaty TOPSOIL with roots, medium cobble and low boulder content.	-	1.50
TP7-030	262947.72	779342.03	0.00	0.20	0.20	Dark grey sandy slightly gravelly peaty TOPSOIL with high root content	-	DRY
TP7-031	263097.94	779880.31	0.00	0.25	0.25	Very dark brown gravelly peaty TOPSOIL	-	DRY
TP7-032	263268.51	780449.58	0.00	0.70	0.70	Dark greyish brown slightly silty gravelly fine and medium SAND with roots, traces of PEAT	-	DRY
TP7-039	264514.88	773272.80	0.00	0.40	0.40	MADE GROUND (medium dense very dark greyish brown silty slightly gravelly peaty fine and medium sand with fragments of brick and medium cobble content)	-	DRY
TP7-041	264067.39	773782.16	0.60	1.80	1.20	Dark brown and black spongy fibrous PEAT with pockets of gravelly fine and medium sand	H2, B1	DRY
TP7-042A	263812.35	774001.32	3.20	3.60	0.40	Dark grey and black pseudo-fibrous locally plastic PEAT with roots and pockets of sand and gravel	H4, B1	DRY
TP7-046	263205.34	780400.14	0.00	1.10	1.10	Soft dark brown pseudofibrous PEAT	H3, B3	DRY
TP7-051	264002.86	773871.64	0.00	2.20	2.20	Dark brown and black pseudo-fibrous, locally plastic PEAT with roots and large pockets of sand	H4, B2	DRY

Table 2: DMRB Stage 3 Peat Survey (CFJV, July to August 2016) (Peat Cores)

Location ID	Easting	Northing	Depth to Top (m)	Depth to Bottom (m)	Acrotelm (m)	Basic Peat/ Soil Description	Von Post Classification	Groundwater Level (m)
P7 CFJV PP2 (2016)	265383	772679	0.00	0.25	-	Dark brown slightly sandy slightly peaty CLAY with frequent roots	-	-
-	-	-	0.25	0.45	-	Light brown to black sandy slightly gravelly CLAY with frequent roots	-	-
P7 CFJV PP31 (2016)	264764	773068	0.00	0.50	-	Firm dark brown fibrous PEAT	H2, B2, F1, R3, W0, A0	0.05
-	-	-	0.50	0.80	-	Plastic locally firm dark brown pseudo-fibrous PEAT	H2, B2, F1, R3, W0, A0	-
-	-	-	-	-	-	Substrate: Not confirmed - hard granular soil	-	-
P7 CFJV PP53 (2016)	263354	775049	0.00	0.50	0.12	Firm locally plastic dark brown to black fibrous PEAT	H3, B2, F1, R2, W0, A1	0.20
-	-	-	0.50	1.00	-	Plastic dark brown to black fibrous locally pseudo-fibrous PEAT	H4, B3, F2, R1, W0, A0	-
-	-	-	1.00	1.50	-	Plastic black pseudo-fibrous PEAT	H4, B2, F2, R2, W1, A1	-
-	-	-	-	-	-	Substrate: Not confirmed - hard granular soil	-	-
P7 CFJV PP1124 (2016)	262927	776563	0.00	0.50	-	Spongy locally plastic dark brown pseudo-fibrous PEAT	H5, B3, F1, R0, W0, A1	At/ near surface
-	-	-	0.50	1.00	-	Plastic dark brown and black amorphous PEAT	H8, B3, F1, R0, W1, A2	-
-	-	-	1.00	1.50	-	Plastic dark brown to black amorphous PEAT	H8, B3, F1, R0, W2, A1	-
-	-	-	1.50	1.70	-	Substrate: Dark brown slightly sandy slightly silty CLAY with traces of PEAT	-	-
P7 CFJV PP87 (2016)	262693	778859	0.00	0.50	0.21	Spongy locally plastic dark brown fibrous PEAT	H4, B2, F1, R1, W0, A0	-
-	-	-	0.50	0.54	-	Substrate: Brown SAND	-	-
P7 CFJV PP107 (2016)	262972	779905	0.00	0.50	0.20	Firm locally plastic dark brown to black pseudo-fibrous PEAT	H3, B2, F2, R2, W1, A1	At/ near surface
-	-	-	0.50	1.00	-	Firm locally plastic dark brown and black fibrous PEAT	H3, B2, F1, R2, W1, A1	-
-	-	-	1.00	1.10	-	No recovery	-	-
-	-	-	-	-	-	Substrate: Not confirmed - hard granular soil	-	-
P7 CFJV PP110 (2016)	262956	779927	0.00	0.50	0.15	Plastic dark brown pseudo-fibrous PEAT	H3, B2, F1, R3, W1, A1	At/ near surface
-	-	-	0.50	1.00	-	Plastic locally spongy dark brown pseudo-fibrous PEAT	H4, B3, F1, R1, W0, A1	-
-	-	-	1.00	1.50	-	Plastic brown and black pseudo-fibrous locally amorphous PEAT	H6, B3, F1, R1, W0, A2	-
-	-	-	1.50	1.85	-	Plastic brown and black pseudo-fibrous locally amorphous PEAT	H6, B3, F1, R1, W0, A2	-
-	-	-	-	-	-	Substrate: Gravelly SAND	-	-
P7 CFJV PP116 (2016)	262995	779920	0.00	0.50	-	Spongy dark brown pseudo-fibrous PEAT	H2, B2, F1, R2, W0, A1	At/ near surface
-	-	-	0.50	1.00	-	Plastic dark brown and black pseudo-fibrous PEAT	H3, B2, F2, R1, W1, A0	-
-	-	-	1.00	1.40	-	No recovery	-	-
-	-	-	-	-	-	Substrate: Not confirmed - hard granular soil	-	-
P7 CFJV PP119 (2016)	263107	780159	0.00	0.10	-	Firm brown pseudo-fibrous PEAT	H1, B1, F1, R1, W0, A0	DAMP
-	-	-	0.10	0.15	-	Substrate: Dark brown and black slightly sandy slightly peaty CLAY	-	-
P7 CFJV PP121 (2016)	263117	780197	0.00	0.50	0.05	Plastic dark brown and black pseudo-fibrous PEAT	H3, B1, F1, R3, W0, A1	-
-	-	-	0.50	0.60	-	Plastic dark brown and black pseudo-fibrous PEAT	H3, B1, F1, R3, W0, A1	-
-	-	-	-	-	-	Substrate: Not confirmed - hard granular soil	-	-
P7 CFJV PP130 (2016)	263123	780155	0.00	0.50	0.25	Spongy dark brown locally black pseudo-fibrous PEAT	H2, B2, F2, R2, W1, A1	0.10
-	-	-	0.50	1.00	-	Firm dark brown fibrous PEAT	H3, B2, F1, R3, W0, A1	-
-	-	-	-	-	-	Substrate: Not confirmed - hard granular soil	-	-
P7 CFJV PP198 (2016)	263078	780035	0.00	0.22	-	Firm dark brown locally black pseudo-fibrous PEAT	H1, B1, F1, R1, W0, A0	DAMP
-	-	-	0.22	0.25	-	Substrate: Dark brown and black slightly sandy gravelly CLAY, fragments of charcoal	-	-
P7 CFJV PP206 (2016)	262960	779842	0.00	0.50	0.23	Plastic dark brown and black fibrous PEAT	H2, B1, F2, R2, W0, A0	At/ near surface
-	-	-	0.50	1.00	-	Plastic locally firm black fibrous locally pseudo-fibrous PEAT	H3, B2, F2, R1, W1, A0	-
-	-	-	1.00	1.40	-	Plastic black pseudo-fibrous PEAT	H5, B2, F1, R1, W0, A0	-
-	-	-	-	-	-	Substrate: Black sandy slightly gravelly CLAY	-	-
P7 CFJV PP217 (2016)	262946	779496	0.00	0.15	-	Spongy dark brown to black pseudo-fibrous PEAT	H3, B2, F2, R3, W1, A1	-
-	-	-	-	-	-	Substrate: Not confirmed - hard granular soil	-	-

Location ID	Easting	Northing	Depth to Top (m)	Depth to Bottom (m)	Acrotelm (m)	Basic Peat/ Soil Description	Von Post Classification	Groundwater Level (m)
P7 CFJV PP221 (2016)	262879	779421	0.00	0.50	0.10	Firm dark brown to black fibrous PEAT	H3, B3, F1, R2, W0, A0	At/ near surface
-	-	-	0.50	0.95	-	Firm brown and black pseudo-fibrous PEAT	H5, B2, F1, R1, W1, A0	-
-	-	-	0.95	1.00	-	Substrate: SAND	-	-
P7 CFJV PP223 (2016)	262862	779424	0.00	0.57	-	Dark brown and black clayey slightly silty SAND	-	-
P7 CFJV PP224 (2016)	262895	779417	0.00	0.50	0.18	Spongy and plastic dark brown to black pseudo-fibrous PEAT	H3, B1, F1, R3, W0, A1	At/ near surface
-	-	-	0.50	1.00	-	Plastic dark brown to black pseudo-fibrous locally amorphous PEAT	H4, B2, F1, R2, W1, A1	-
-	-	-	1.00	1.50	-	Plastic dark brown and black amorphous locally pseudo-fibrous PEAT	H4, B2, F1, R1, W1, A2	-
-	-	-	1.50	2.00	-	Plastic black amorphous PEAT	H6, B3, F1, R1, W0, A2	-
-	-	-	2.00	2.20	-	Plastic dark brown and black amorphous PEAT	H6, B3, F1, R0, W0, A1	-
-	-	-	-	-	-	Substrate: Not confirmed - hard granular soil	-	-
P7 CFJV PP229 (2016)	262926	779451	0.00	0.50	0.14	Spongy dark brown pseudo-fibrous PEAT	H2, B1, F1, R2, W1, A1	At/ near surface
-	-	-	0.50	1.00	-	Firm dark brown to black fibrous PEAT	H4, B2, F2, R2, W1, A1	-
-	-	-	1.00	1.10	-	Firm dark brown fibrous PEAT	H5, B3, F2, R2, W1, A2	-
-	-	-	1.10	1.15	-	Substrate: Brown SAND	-	-
P7 CFJV PP267 (2016)	262582	778486	0.00	0.11	-	Firm brown to black fibrous PEAT	H1, B1, F2, R2, W1, A0	-
-	-	-	0.11	0.16	-	Firm dark brown pseudo-fibrous PEAT	H2, B1, F2, R1, W0, A0	-
-	-	-	0.16	0.19	-	Substrate: Brown and black sandy gravelly CLAY	-	-
P7 CFJV PP272 (2016)	262878	776729	0.00	0.50	0.20	Firm dark brown to black fibrous PEAT	H3, B2, F1, R3, W1, A1	0.30
-	-	-	0.50	1.00	-	Plastic dark brown and black fibrous PEAT	H4, B3, F1, R1, W0, A1	-
-	-	-	1.00	1.50	-	Plastic dark brown and black pseudo-fibrous PEAT	H6, B3, F1, R1, W0, A2	-
-	-	-	1.50	2.00	-	Plastic dark brown and black pseudo-fibrous PEAT	H7, B3, F0, R0, W0, A2	-
-	-	-	2.00	2.50	-	Plastic black pseudo-fibrous locally amorphous PEAT	H7, B3, F1, R0, W1, A2	-
-	-	-	2.50	3.00	-	Plastic black amorphous PEAT	H8, B2, F2, R0, W0, A3	-
-	-	-	-	-	-	Substrate: Not confirmed	-	-
P7 CFJV PP290 (2016)	262953	776499	0.00	0.50	0.17	Spongy dark brown pseudo-fibrous locally fibrous PEAT	H3, B3, F1, R2, W0, A2	0.12
-	-	-	0.50	1.00	-	Plastic dark brown oxidising to black pseudo-fibrous PEAT	H4, B2, F1, R1, W0, A2	-
-	-	-	1.00	1.50	-	Plastic dark brown oxidising to black pseudo-fibrous PEAT	H5, B2, F1, R1, W1, A1	-
-	-	-	1.50	1.90	-	No recovery	-	-
-	-	-	-	-	-	Substrate: Not confirmed	-	-
P7 CFJV PP1138 (2016)	262926	776485	0.00	0.50	0.30	Firm dark brown locally plastic pseudo-fibrous and fibrous PEAT	H3, B4, F1, R3, W1, A0	At/ near surface
-	-	-	0.50	1.00	-	Firm dark brown to black pseudo-fibrous and fibrous PEAT	H3, B4, F1, R3, W1, A0	-
-	-	-	1.00	1.50	-	Plastic black pseudo-fibrous PEAT	H4, B3, F1, R1, W0, A1	-
-	-	-	1.50	2.00	-	Plastic dark brown to black pseudo-fibrous PEAT (partial recovery)	H4, B3, F1, R1, W0, A1	-
-	-	-	2.00	2.50	-	Plastic dark brown to black pseudo-fibrous PEAT (partial recovery)	H6, B3, F1, R2, W1, A1	-
-	-	-	2.50	3.00	-	Dark brown to black amorphous PEAT (partial recovery)	H6, B2, F0, R1, W1, A2	-
-	-	-	3.50	4.00	-	Dark brown to black amorphous PEAT (partial recovery)	H7, B2, F0, R1, W1, A2	-
-	-	-	4.00	4.50	-	Dark brown to black amorphous PEAT (partial recovery)	H7, B2, F0, R1, W1, A2	-
-	-	-	4.50	5.00	-	Dark brown and black amorphous PEAT	H8, B3, F2, R0, W1, A2	-
-	-	-	5.00	5.50	-	Dark brown and black amorphous PEAT	H9, B2, F0, R0, W1, A3	-
-	-	-	5.50	6.00	-	Dark brown and black amorphous PEAT	H9, B2, F0, R0, W1, A3	-
-	-	-	6.00	6.50	-	Dark brown and black amorphous PEAT	H9, B2, F0, R0, W1, A3	-
-	-	-	6.50	7.00	-	Dark brown and black amorphous PEAT	H9, B2, F0, R0, W1, A3	-
-	-	-	7.00	7.40	-	No recovery	-	-
-	-	-	-	-	-	Substrate: Not confirmed	-	-
P7 CFJV PP304 (2016)	263113	775935	0.00	0.50	0.15	Firm locally plastic dark brown pseudo-fibrous PEAT	H2, B4, F1, R3, W2, A0	At/ near surface

Location ID	Easting	Northing	Depth to Top (m)	Depth to Bottom (m)	Acrotelm (m)	Basic Peat/ Soil Description	Von Post Classification	Groundwater Level (m)
-	-	-	0.50	1.00		Firm locally plastic dark brown pseudo-fibrous PEAT	H2, B4, F2, R2, W1, A1	-
-	-	-	1.00	1.20		Plastic dark brown and black pseudo-fibrous PEAT	H4, B4, F1, R1, W1, A1	-
-	-	-				Substrate: Not confirmed - hard granular soil	-	-
P7 CFJV PP309 (2016)	263027	775995	0.00	0.50	0.30	Firm locally plastic dark brown pseudo-fibrous PEAT	H2, B4, F1, R3, W2, A0	At/ near surface
-	-	-	0.50	1.00	-	Firm locally plastic dark brown pseudo-fibrous PEAT	H2, B4, F2, R2, W1, A1	-
-	-	-	1.00	1.50	-	Plastic dark brown and black pseudo-fibrous PEAT	H2, B4, F1, R1, W1, A1	-
-	-	-	1.50	2.00	-	Plastic dark brown and black pseudo-fibrous PEAT	H3, B4, F2, R1, W0, A0	-
-	-	-	2.00	2.50	-	Plastic dark brown and black pseudo-fibrous PEAT	H3, B4, F2, R1, W0, A1	-
-	-	-	2.50	3.00	-	Plastic dark brown and black pseudo-fibrous PEAT	H3, B4, F1, R1, W0, A2	-
-	-	-	-	-	-	Substrate: Not confirmed - hard granular soil	-	-
P7 CFJV PP691 (2016)	264660	773177	0.00	0.50	0.05	Firm locally plastic dark grey and dark brown fibrous PEAT	H4, B3, F2, R2, W0, A0	0.50
-	-	-	0.50	1.00	-	Plastic brown locally red pseudo-fibrous PEAT	H4, B3, F3, R1, W0, A0	-
-	-	-	1.00	1.20	-	Plastic brown locally red pseudo-fibrous PEAT	H4, B3, F3, R1, W0, A0	-
-	-	-	-	-	-	Substrate: Trace brown SAND at auger base	-	-
P7 CFJV PP348 (2016)	264681	773187	0.00	0.25	-	Firm locally plastic dark brown to black fibrous PEAT	H2, B2, F1, R3, W0, A0	-
-	-	-	-	-	-	Substrate: Not confirmed - hard granular soil	-	-
P7 CFJV PP358 (2016)	264462	773350	0.00	0.45	0.06	Firm dark brown fibrous PEAT	H2, B2, F1, R3, W0, A0	-
-	-	-	-	-	-	Substrate: Not confirmed - hard granular soil	-	-
P7 CFJV PP362 (2016)	264520	773481	0.00	0.10	-	Firm dark brown fibrous PEAT	H2, B2, F1, R3, W1, A1	-
-	-	-	0.10	0.20	-	Firm locally plastic dark brown fibrous PEAT	H2, B1, F1, R3, W1, A1	-
-	-	-	-	-	-	Substrate: Not confirmed - hard granular soil	-	-
P7 CFJV PP365 (2016)	264519	773549	0.00	0.50	0.20	Firm dark brown fibrous PEAT	H4, B4, F2, R3, W1, A0	At/ near surface
-	-	-	0.50	1.00	-	Firm locally plastic dark brown pseudo-fibrous PEAT	H5, B4, F1, R2, W0, A1	-
-	-	-	1.00	1.50	-	Substrate: Brown clayey SAND with occasional GRAVEL and traces of PEAT	-	-
P7 CFJV PP370 (2016)	264575	773483	0.00	0.40	-	Black and brown slightly sandy slightly clayey and peaty TOPSOIL	-	-
P7 CFJV PP421 (2016)	265331	772837	0.00	0.25	-	Firm dark brown and black fibrous PEAT	H2, B2, F2, R3, W0, A0	-
-	-	-	0.25	0.30	-	Substrate: Brown sandy gravelly SILT	-	-
P7 CFJV PP461 (2016)	263945	774058	0.00	0.20	-	Plastic dark brown to black fibrous PEAT	H2, B2, F1, R2, W1, A0	-
-	-	-	0.20	0.35	-	Substrate: Dark brown to black sandy slightly gravelly CLAY	-	-
P7 CFJV PP589 (2016)	263262	775576	0.00	0.10	-	Brown clayey peaty TOPSOIL	-	-
-	-	-	0.10	0.15	-	Light brown slightly clayey SAND with trace gravel	-	-
P7 CFJV PP629 (2016)	263222	775725	0.00	0.30	-	Dark brown sandy peaty TOPSOIL with high root content	-	-
P7 CFJV PP633 (2016)	262947	776137	0.00	0.50	0.23	Spongy dark brown to black pseudo-fibrous PEAT	H3, B2, F1, R2, W0, A0	At/ near surface
-	-	-	0.50	1.00	-	Spongy dark brown to black fibrous PEAT	H4, B2, F1, R2, W0, A1	-
-	-	-	1.00	1.35	-	Plastic dark brown and black amorphous PEAT	H6, B2, F1, R0, W0, A2	-
-	-	-	-	-	-	Substrate: Not confirmed - hard granular soil	-	-
P7 CFJV PP649 (2016)	263083	776288	0.00	0.16	-	Dark brown locally black slightly sandy gravelly TOPSOIL with roots	-	-
P7 CFJV PP713 (2016)	264337	773621	0.00	0.50	0.16	Firm dark brown fibrous PEAT	H4, B3, F2, R2, W1, A0	-
-	-	-	0.50	0.85	-	Firm dark brown fibrous PEAT	H6, B3, F1, R2, W0, A1	-
-	-	-	0.85	0.90	-	Substrate: Grey clayey SAND with trace GRAVEL	-	-
P7 CFJV PP724 (2016)	264069	773808	0.00	0.12	-	Firm dark brown fibrous PEAT	H2, B2, F0, R2, W2, A0	-
-	-	-	0.12	0.26	-	Substrate: Light brown sandy gravelly CLAY	-	-
P7 CFJV PP764 (2016)	262729	777177	0.00	0.05	-	Dark brown slightly sandy gravelly TOPSOIL with roots	-	-
P7 CFJV PP943 (2016)	262912	779277	0.00	0.30	-	Dark brown and black sandy gravelly CLAY	-	-
P7 CFJV PP996 (2016)	263610	781184	0.00	0.12	-	Dark brown sandy slightly gravelly and slightly peaty TOPSOIL	-	-

Table 3: DMRB Stage 3 Supplementary (CFJV, December 2016) (Peat Cores)

Location ID	Easting	Northing	Depth to Top (m)	Depth to Bottom (m)	Acrotelm (m)	Basic Peat/ Soil Description	Von Post Classification	Groundwater Level (m)
P7-3-PP244 (BALSP)	262608	779000	0.00	0.50	0.25	Firm dark brown fibrous PEAT	H1, B3, F1, R3, W0, A0	At/ near surface
-	-	-	0.50	1.00	-	Firm locally plastic dark brown oxidising to black pseudo-fibrous locally fibrous PEAT	H3, B3, F1, R3, W0, A0	-
-	-	-	1.00	1.50	-	Plastic locally spongy dark brown spongy pseudo-fibrous PEAT	H4, B3, F1, R2, W0, A0	-
-	-	-	1.50	1.83	-	Firm locally plastic dark brown to black pseudo-fibrous PEAT	H4, B2, F1, R3, W1, A0	-
-	-	-	1.83	1.85	-	Substrate: Light brown SAND	-	-
P7-3-PP256 (BALSP)	262535	778751	0.00	0.50	0.20	Firm locally plastic dark brown to black fibrous PEAT	H1, B1, F0, R3, W1, A0	At/ near surface
-	-	-	0.50	1.00	-	Plastic locally spongy dark brown to black pseudo-fibrous PEAT	H3, B2, F1, R2, W0, A0	-
-	-	-	1.00	1.50	-	Plastic dark brown to black amorphous PEAT	H4, B2, F2, R1, W1, A0	-
-	-	-	1.50	1.60	-	Plastic dark brown to black amorphous PEAT	H5, B2, F2, R1, W1, A0	-
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-
P7-3-PP258 (BALSP)	262524	778701	0.00	0.50	0.17	Firm locally spongy dark brown firm fibrous PEAT	H2, B2, F1, R3, W0, A0	At/ near surface
-	-	-	0.50	1.00	-	Plastic dark brown to black pseudo-fibrous locally fibrous PEAT	H2, B2, F1, R2, W1, A1	-
-	-	-	1.00	1.50	-	Plastic dark brown to black pseudo-fibrous PEAT	H4, B3, F1, R2, W1, A1	-
-	-	-	-	-	-	Substrate: Not confirmed - no recovery beyond 1.50m	-	-
P7-3-PP271 (BALSP)	262451	778450	0.00	0.50	0.12	Firm black to dark brown fibrous PEAT	H2, B3, F1, R3, W1, A1	0.15
-	-	-	0.50	1.00	-	Firm dark brown fibrous PEAT	H2, B2, F1, R2, W1, A0	-
-	-	-	1.00	1.10	-	Substrate: Light brown and grey gravelly SAND	-	-
P7-3-PP280 (BALSP)	262476	778300	0.00	0.40	0.10	Firm dark brown to black fibrous PEAT	H1, B1, F1, R3, W0, A0	0.10
-	-	-	-	-	-	Substrate: Not confirmed - hard granular soil	-	-
P7-3-PP290 (BALSP)	262440	778200	0.00	0.50	0.10	Firm dark brown fibrous PEAT	H2, B1, F1, R1, W1, A1	-
-	-	-	0.50	1.00	-	Firm dark brown to black fibrous PEAT	H2, B2, F1, R3, W1, A1	-
-	-	-	1.50	1.60	-	Firm dark brown to black locally red fibrous PEAT	H4, B3, F1, R3, W2, A1	-
-	-	-	-	-	-	Substrate: Traces of dark grey sandy SILT at auger base	-	-
P7-3-PP327 (BALSP)	262500	778690	0.00	0.50	0.30	Firm locally spongy dark brown to black fibrous PEAT	H2, B5, F1, R3, W0, A0	At/ near surface
-	-	-	0.50	1.00	-	Firm dark brown to black fibrous PEAT	H2, B5, F1, R3, W0, A0	-
-	-	-	1.00	1.50	-	Firm dark brown to black fibrous PEAT	H2, B5, F1, R3, W0, A0	-
-	-	-	1.50	2.00	-	Plastic locally firm dark brown to black fibrous locally amorphous PEAT	H4, B3, F1, R2, W1, A0	-
-	-	-	2.00	2.50	-	Plastic dark brown locally black amorphous PEAT	H4, B3, F1, R2, W1, A1	-
-	-	-	2.50	3.00	-	Plastic dark brown to black amorphous locally pseudo-fibrous PEAT	H5, B3, F1, R2, W1, A1	-
-	-	-	3.00	3.50	-	Plastic dark brown and black amorphous PEAT	H6, B3, F1, R2, W1, A1	-
-	-	-	3.50	4.00	-	Plastic dark brown and black amorphous PEAT	H5, B2, F1, R2, W2, A1	-
-	-	-	4.00	4.50	-	Plastic dark brown amorphous PEAT	H7, B2, F1, R1, W1, A1	-
-	-	-	4.50	5.00	-	Plastic dark brown and black amorphous PEAT	H8, B3, F1, R1, W1, A1	-
-	-	-	5.00	5.50	-	Plastic dark brown and black amorphous PEAT	H8, B2, F0, R0, W1, A2	-
-	-	-	5.50	6.00	-	Light brown to dark black amorphous PEAT	H9, B2, F0, R0, W1, A2	-
-	-	-	6.00	6.30	-	Light brown to dark black amorphous PEAT	H10, B2, F0, R0, W1, A2	-
-	-	-	6.30	6.50	-	Substrate: Grey sandy SILT	-	-
P7-3-PP369 (BALSP)	262510	778620	0.00	0.20	-	Dark brown to black gravelly clayey SAND with frequent roots	-	-
-	-	-	-	-	-	Dark brown locally black gravelly clayey SAND	-	-

Table 4: Preliminary Ground Investigation (Raeburn, December 2016 to April 2017) (Peat Cores)

Location ID	Easting	Northing	Depth to Top (m)	Depth to Bottom (m)	Acrotelm (m)	Basic Peat/ Soil Description	Von Post Classification	Troels-Smith Classification	Groundwater Level (m)
P7-PP005 (2017)	262990	779960	0.00	0.40	-	Dark brown pseudofibrous PEAT	H2, B2	nig3, stf0, elas2, sicc1, Th2, Dh+, As2	DRY
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP013 (2017)	262929	779500	0.00	0.50	-	Dark brown pseudofibrous PEAT	H3, B2	nig3, stf0, elas2, sicc3, Th2, As2	DRY
-	-	-	0.50	1.00	-	Dark brown pseudofibrous PEAT	H3, B2	nig3, stf0, elas2, sicc3, Th2, As2	-
-	-	-	1.00	1.40	-	Dark brown pseudofibrous PEAT	H3, B2	nig3, stf0, elas2, sicc3, Th2, As2	-
-	-	-	1.40	1.50	-	Light brown pseudofibrous PEAT with occasional darker, organic rich pockets	H4, B2	nig2, stf0, elas2, sicc2, lim2, Tb 2, Th1, As1	-
-	-	-	1.50	2.00	-	Light brown pseudofibrous PEAT with occasional darker, organic rich pockets	H4, B2	nig2, stf0, elas2, sicc2, lim2, Tb 2, Th1, As1	-
-	-	-	2.00	2.20	-	Light brown pseudofibrous PEAT with occasional darker, organic rich pockets	H4, B2	nig2, stf0, elas2, sicc2, lim2, Tb 2, Th1, As1	-
-	-	-	2.20	2.50	-	Brown pseudofibrous PEAT with occasional darker, organic rich pockets	H4, B4	nig3, stf2, elas2, sicc1, lim2, Tb2, Th1, As1	-
-	-	-	2.50	3.00	-	Brown pseudofibrous PEAT with occasional darker, organic rich pockets	H4, B4	nig3, stf2, elas2, sicc1, lim2, Tb2, Th1, As1	-
-	-	-	3.00	3.20	-	Brown pseudofibrous PEAT with occasional darker, organic rich pockets	H4, B4	nig3, stf2, elas2, sicc1, lim2, Tb2, Th1, As1	-
-	-	-	3.20	3.50	-	Brown pseudofibrous PEAT with occasional darker, organic rich pockets and silty lenses	H4, B4	nig3, stf3, elas2, sicc1, lim2, Tb2, Th1, As1, Ga+	-
-	-	-	3.50	4.00	-	Brown pseudofibrous PEAT with occasional darker, organic rich pockets and silty lenses	H4, B4	nig3, stf3, elas2, sicc1, lim2, Tb2, Th1, As1, Ga+	-
-	-	-	4.00	4.35	-	Brown pseudofibrous PEAT with occasional darker, organic rich pockets and silty lenses	H4, B4	nig3, stf3, elas2, sicc1, lim2, Tb2, Th1, As1, Ga+	-
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP014 (2017)	263025	779870	0.00	0.25	-	Brown amorphous PEAT	H1, B4	nig3, stf0, elas2, sicc0, Tb3, As1	DRY
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP018 (2017)	262980	780080	0.00	0.30	-	Dark brown pseudofibrous PEAT	H3, B2	nig4, stf0, elas2, sicc1, Th1, Tl1, Dh+, As2	DRY
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP026 (2017)	263120	779810	0.00	0.05	-	Hard soil from ground level	-	-	-
P7-PP034 (2017)	263050	779550	0.00	0.05	-	Hard soil from ground level	-	-	-
P7-PP044 (2017)	262551	778466	0.00	0.50	-	Brown fibrous PEAT	H2, B3	nig2, stf0, elas1, sicc1, Th2, As2	2.00
-	-	-	0.50	1.00	-	Brown fibrous PEAT	H2, B3	nig2, stf0, elas1, sicc1, Th2, As2	-
-	-	-	1.00	1.50	-	Dark brown pseudofibrous PEAT	H3, B3	nig3, stf0, elas1, sicc1, lim4, Th2, Tl+, As2	-
-	-	-	1.50	2.00	-	Dark brown pseudofibrous PEAT	H3, B3	nig3, stf0, elas1, sicc1, Th2, Tl+, As2	-
-	-	-	2.00	2.50	-	Greyish brown pseudofibrous slightly sandy PEAT with silty lenses	H3, B2	nig1, stf3, sicc1, elas2, lim3, Ag2, Gmin1, Tb1, Tl+	-
-	-	-	-	-	-	Substrate: Sandy silt substrate	-	-	-
P7-PP048 (2017)	262602.12	777937.30	0.00	0.19	-	Dark brown sandy pseudofibrous PEAT	H2, B3	nig2, stf0, elas0, sicc2, Tb1, Dh+, Ag1, Gmin2	DRY
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP066 (2017)	262791	776812	0.00	0.50	-	Dark brown pseudofibrous PEAT	H4, B5	nig3, stf0, elas2, sicc1, Tb2, Th1, As1	DRY
-	-	-	0.50	1.00	-	Dark brown pseudofibrous PEAT	H4, B5	nig3, stf0, elas2, sicc1, Tb2, Th1, As1	-
-	-	-	1.00	1.50	-	Dark brown pseudofibrous PEAT	H4, B5	nig3, stf0, elas2, sicc1, Tb2, Th1, As1	-
-	-	-	-	-	-	Substrate: Not confirmed - hard soil/ possible boulder	-	-	-
P7-PP090 (2017)	263051	776134	0.00	0.50	-	Dark brown pseudofibrous PEAT	H2, B3	nig3, stf0, elas2, sicc1, Th ² , Dh ¹ 2, As1	1.40
-	-	-	0.50	1.00	-	Dark brown pseudofibrous PEAT	H2, B3	nig3, stf0, elas2, sicc1, Th ² , Dh ¹ 2, As1	-
-	-	-	1.00	1.15	-	Dark brown pseudofibrous PEAT	H2, B3	nig3, stf0, elas2, sicc1, Th ² , Dh ¹ 2, As1	-
-	-	-	1.15	1.40	-	Dark brown sandy amorphous PEAT	H3, B4	nig3, stf0, elas2, sicc0, Dg ¹ 3, As2, Gmin1	-
-	-	-	-	-	-	Substrate: Not confirmed - hard soil/ possible boulder	-	-	-
P7-PP110 (2017)	263380.00	775300.00	0.00	0.05	-	Hard soil from ground level.	-	-	-
P7-PP129 (2017)	263550.00	774520.00	0.00	0.05	-	Hard soil from ground level.	-	-	-
P7-PP159 (2017)	264490.00	773300.00	0.00	0.30	-	Dark brown pseudofibrous PEAT	H6, B3	nig3, stf0, elas1, sicc2, Tl2, Dl1, As 1	DRY
-	-	-	0.30	0.50	-	Dark brown amorphous PEAT	H6, B4	nig3, stf0, elas1, sicc1, Tl2, As2	-
-	-	-	0.50	0.70	-	Dark brown amorphous PEAT	H6, B4	nig3, stf0, elas1, sicc1, Tl2, As2	-

Location ID	Easting	Northing	Depth to Top (m)	Depth to Bottom (m)	Acrotelm (m)	Basic Peat/ Soil Description	Von Post Classification	Troels-Smith Classification	Groundwater Level (m)
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP166 (2017)	264520.00	773580.00	0.00	0.10	-	Dark brown sandy pseudofibrous PEAT	H2, B2	nig3, stf0, elas2, sicc3, Th2, As1, Gmin1	DRY
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP181 (2017)	264620.00	773470.00	0.00	0.30	-	Dark brown slightly sandy pseudofibrous PEAT	H2, B2	nig3, stf0, elas2, sicc2, Th2, As2, Gmin+	DRY
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP203 (2017)	264900.00	772950.00	0.00	0.15	-	Dark brown pseudofibrous PEAT	H4, B3	nig3, stf0, elas1, sicc1, Tl2, Ld2, As+	DRY
-	-	-	0.15	0.50	-	Dark brown pseudofibrous PEAT	H4, B4	nig3, stf0, elas1, sicc0, lim2, Tl 2, Ld 1, As1, Gg+	-
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP211 (2017)	265500.00	772600.00	0.00	0.10	-	Dark brown pseudofibrous PEAT	H4, B3	nig3, stf0, elas1, sicc1, Tl 2, Ld2; As+	DRY
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP229 (2017)	265650.00	772530.00	0.00	0.05	-	Hard soil from ground level	-	-	-
P7-PP716 (2017)	265600.00	772900.00	0.00	0.30	-	Dark brown slightly sandy pseudofibrous PEAT	H5, B5	nig3, stf0, elas1, sicc1, Tb2, Th1, Ga1	DRY
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP744 (2017)	264200.00	774200.00	0.00	0.05	-	Hard soil from ground level.	-	-	-
P7-PP777 (2017)	263141.25	776558.75	0.00	0.25	-	Dark brown pseudofibrous PEAT	H2, B2	nig3, stf0, elas2, sicc3, Tl2, As2	DRY
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP786 (2017)	262900.00	778800.00	0.00	0.50	-	Dark brown pseudofibrous PEAT	H4, B3	nig3, stf0, elas2, sicc1, Th2, As2	DRY
-	-	-	0.50	0.80	-	Dark brown pseudofibrous PEAT	H4, B3	nig3, stf0, elas2, sicc1, Th2, As2	-
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP802 (2017)	263484.11	775241.29	0.00	0.50	-	Dark brown slightly sandy amorphous PEAT	H2, B4	nig3, stf0, elas2, sicc0, Th'1, As2, Gmin1	DRY
-	-	-	-	-	-	Substrate: Not confirmed - hard soil or possible boulder	-	-	-
P7-PP814 (2017)	262700.00	778000.00	0.00	0.12	-	Dark brown slightly sandy pseudofibrous PEAT	H2, B2	nig3, stf0, elas0, sicc2, Tl1 Td1 Ld1, Gmin1, Ag+	DRY
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP826 (2017)	262984.60	776052.57	0.00	0.50	-	Dark brown pseudofibrous PEAT	H2, B4	nig4, stf0, elas2, sicc1, Th'2, DI'1, Ld+, As1	DRY
-	-	-	0.50	1.00	-	Dark brown pseudofibrous PEAT	H2, B4	nig4, stf0, elas2, sicc1, Th'2, DI'1, As1	-
-	-	-	1.00	1.50	-	Dark brown pseudofibrous PEAT	H2, B4	nig4, stf0, elas2, sicc1, Th'2, DI'2, As1	-
-	-	-	1.50	2.00	-	Dark brown slightly sandy pseudofibrous PEAT	H3, B4	nig3, stf0, elas2, sicc0, Th'2, DI'3, Dh'3, As1, Gmin+	-
-	-	-	2.00	2.50	-	Dark brown slightly sandy pseudofibrous PEAT	H3, B4	nig3, stf0, elas2, sicc0, Th'2, DI+3, Dh'3, As1, Gmin+	-
-	-	-	2.50	2.90	-	Dark brown sandy pseudofibrous PEAT	H3, B4	nig3, stf0, elas2, sicc0, DI'3 Dh'3, As1, Gmin1, Gmaj+	-
-	-	-	-	-	-	Substrate: Not confirmed - hard soil or possible boulder	-	-	-
P7-PP835 (2017)	263133.00	775500.00	0.00	0.25	-	Dark brown slightly sandy amorphous PEAT	H6, B1	nig3, stf0, elas2, sicc2, Ld1, As2, Ga1, DI+	DRY
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP841 (2017)	262873.65	776438.36	0.00	0.50	-	Dark brown amorphous PEAT	H5, B3	nig3, stf0, elas2, sicc2, Dh1, Tl1, As2	DRY
-	-	-	0.50	0.65	-	Dark brown amorphous PEAT	H5, B3	nig3, stf0, elas2, sicc2, Dh1, Tl1, As2	-
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP845 (2017)	262861.00	776562.00	0.00	0.15	-	Brown pseudofibrous PEAT	H3, B4	nig2, stf0, elas1, sicc1, Th1, Ld1, As2	DRY
-	-	-	0.15	0.50	-	Dark brown pseudofibrous PEAT	H4, B4	nig3, stf0, elas2, sicc1, lim2, Th2, As2	-
-	-	-	0.50	1.00	-	Dark brown pseudofibrous PEAT	H4, B4	nig3, stf0, elas2, sicc1, Th2, As2	-
-	-	-	1.00	1.50	-	Dark brown pseudofibrous PEAT	H4, B4	nig3, stf0, elas2, sicc1, Th2, As2	-
-	-	-	1.50	1.80	-	Dark brown pseudofibrous PEAT	H4, B4	nig3, stf0, elas2, sicc1, Th2, As2	-
-	-	-	1.80	2.00	-	Brown fibrous PEAT	H3, B4	nig3, stf0, elas2, sicc1, lim2 Th3, As1	-
-	-	-	2.00	2.50	-	Brown fibrous PEAT	H3, B4	nig3, stf0, elas2, sicc1, Th3, As1	-
-	-	-	2.50	3.00	-	Brown fibrous PEAT	H3, B4	nig3, stf0, elas2, sicc1, Th3, As1	-
-	-	-	3.00	3.10	-	Brown fibrous PEAT	H3, B4	nig3, stf0, elas2, sicc1, Th3, As1	-

Location ID	Easting	Northing	Depth to Top (m)	Depth to Bottom (m)	Acrotelm (m)	Basic Peat/ Soil Description	Von Post Classification	Troels-Smith Classification	Groundwater Level (m)
-	-	-	3.10	3.50	-	Brown pseudofibrous PEAT with pockets of clay	H4, B3	nig3, stf3, elas3, sicc2, lim3, Tl1, As2, Ga+	-
-	-	-	3.50	4.00	-	Brown pseudofibrous PEAT with pockets of clay	H4, B3	nig3, stf3, elas3, sicc2, Tl1, As2, Ga+	-
-	-	-	4.00	4.50	-	Brown pseudofibrous PEAT with pockets of clay	H4, B3	nig3, stf3, elas3, sicc2, Tl1, As2, Ga+	-
-	-	-	-	-	-	Substrate: Not confirmed - hard soil	-	-	-
P7-PP943 (2017)	263487.12	780282.84	0.00	0.10	-	Light brown fibrous PEAT	H1, B2	nig2, stf0, elas1, sicc2, Tb ³ 1 Tl+1, As1	DRY
-	-	-	0.10	0.30	-	Dark brown pseudofibrous PEAT	H3, B3	nig3, stf0, elas2, sicc2, lim3, Tl12, Ld ¹ Dh ² , As1, Gmin+	-
-	-	-	-	-	-	Substrate: Sand and gravel substrate	-	-	-
P7-PP944 (2017)	263500.00	780100.00	0.00	0.05	-	Hard soil from ground level.	-	-	-
P7-PP945 (2017)	263294.51	779775.37	0.00	0.10	-	Light brown pseudofibrous PEAT	H2, B3	nig2, stf0, elas1, sicc1, Tb ² 1, Th ¹ 1, As1	DRY
-	-	-	0.10	0.40	-	Dark brown pseudofibrous PEAT	H3, B2	nig3, stf0, elas3, sicc2, lim3, Th ² , Dh ² , As2, Gmin+	-
-	-	-	-	-	-	Substrate: Sand and gravel substrate or possible boulder	-	-	-
P7-PP946 (2017)	263341.87	780195.79	0.00	0.05	-	Light brown fibrous PEAT	H1, B2	nig2, stf0, elas1, sicc2, Tb ³ 1 Tl+1, As1	DRY
-	-	-	0.05	0.30	-	Dark brown sandy pseudofibrous PEAT	H3, B2	nig3, stf0, elas2, sicc2, lim3, Th ² , Tl ¹ 1 Dh2, As1, Gmin1	-
-	-	-	-	-	-	Substrate: Sand and gravel substrate or possible boulder	-	-	-
P7-PP947 (2017)	263687.41	781393.96	0.00	0.10	0.10	Light brown pseudofibrous PEAT	H3, B3	nig2, stf0, elas2, sicc1, Tb ² 1, Th ¹ 1, As1	DRY
-	-	-	0.10	0.50	-	Dark brown pseudofibrous PEAT	H4, B2	nig3, stf0, elas2, sicc1, Th ² 2, Tl ² 2, As1	-
-	-	-	0.50	1.00	-	Dark brown pseudofibrous PEAT	H4, B2	nig3, stf0, elas2, sicc1, Th ² 2, Tl ² 2, As1	-
-	-	-	1.00	1.45	-	Dark brown pseudofibrous PEAT	H4, B2	nig3, stf0, elas2, sicc1, Th ² 3, Tl ³ 3, Dh2, As1	-
-	-	-	-	-	-	Substrate: Not confirmed - hard soil or possible boulder	-	-	-

Table 4: Preliminary Ground Investigation (Raeburn, December 2016 to April 2017) (Boreholes and Trial Pits)

Location ID	Easting	Northing	Thickness (m)	Basic Peat/ Peaty Soil Description	Von Post Classification	Troels-Smith Classification	Groundwater Level (m)
BH7-3-100	265512.70	772618.70	0.20	PEAT	-	-	0.20
BH7-3-102	264539.80	773535.50	-	Dark brown pseudofibrous PEAT	H6, B2	nig3, stf0, elas1, sicc1, TI'2, DI2	7.40
BH7-3-102	264539.80	773535.50	2.00	Brown, sand slightly gravelly PEAT with medium cobble content	H6, B2	nig3, stf0, elas1, sicc1, TI2, DI2	7.40
BH7-3-103	264616.10	773329.50	0.20	Peaty TOPSOIL	-	-	DRY
BH7-3-106	264185.20	773821.60	1.20	Dark brown pseudofibrous PEAT with roots	H5, B3	nig3, stf0, elas1, sicc2, TI2, DI2	DRY
BH7-3-107	263982.10	774098.20	0.25	Dark brown pseudofibrous PEAT with roots	H4, B2	nig3, stf0, elas0, sicc3, DI1, TI3	2.65 / 4.50
BH7-3-113	263565.00	774536.10	0.70	Dark brown gravelly amorphous PEAT with medium cobble content	H7, B2	nig3, stf0, elas1, sicc0, Dg4	DRY
BH7-3-116	263286.80	775306.00	1.70	Dark brown fibrous PEAT with roots	H4, B2	nig4, stf0, elas1, sicc3	12.40
BH7-3-117	263277.50	775513.50	0.80	Dark brown gravelly pseudofibrous PEAT with roots and low cobble content	H6, B2	nig3, stf0, sicc3	DRY
BH7-3-119	263181.90	775736.20	0.40	Dark brown pseudofibrous PEAT with roots	H4, B2	nig3, stf0, elas1, sicc3, DI3, TI1	DRY
BH7-3-120	262948.30	776504.30	-	Dark brown fibrous PEAT with roots	H4, B3	nig3, stf0, elas0, sicc3, TI2, Dg2	3.50
BH7-3-120	262948.30	776504.30	4.10	Dark brown amorphous PEAT	H7, B2	nig3, stf0, elas1, sicc1, Dg3, DI1	3.50
BH7-3-121	262818.20	776850.70	1.10	Dark brown pseudofibrous PEAT with roots	H4, B3	nig3, stf0, elas1, sicc2, DI3, Dh1	1.20
BH7-3-122	262746.30	777023.20	1.20	Dark brown amorphous PEAT with roots	H7, B2	nig4, stf0, elas2, sicc1, TI3, Dg1	4.00
BH7-3-122	262746.30	777023.20	1.15	PEAT with traces of gravel	-	-	4.00
BH7-3-126	262625.90	777498.10	-	PEAT	-	-	11.20
BH7-3-126	262625.90	777498.10	1.30	PEAT with gravel	-	-	11.20
BH7-3-127	262593.30	777729.10	0.90	PEAT with traces of gravel (drillers description)	-	-	6.25
BH7-3-128	262579.10	777890.90	1.00	Dark brown, gravelly amorphous PEAT with low cobble content	H7, B2	nig4, stf0, elas1, sicc3, Ld3, TI1	5.65
BH7-3-132	262907.00	779269.70	0.20	Peaty TOPSOIL	-	-	14.00
BH7-3-133	262879.40	779317.20	0.50	Peaty TOPSOIL with boulders	-	-	4.40
BH7-3-135	262969.10	779549.10	0.90	Brown silty fine and medium sand with pockets of PEAT	-	-	1.20
BH7-3-135	262969.10	779549.10	0.80	Dark brown sandy silty pseudofibrous PEAT	H7, B2	nig3, stf1, elas1, sicc3, Dh4	1.20
BH7-3-135	262969.10	779549.10	1.00	Grey gravelly silty fine and medium SAND with pockets of PEAT	-	-	1.20
BH7-3-136	263046.00	779879.50	1.20	Dark brown fibrous PEAT with roots	H5, B2	nig3, stf0, elas0, sicc3, TI3, Dh1	10.00
BH7-3-136	263046.00	779879.50	0.80	Dark brown gravelly sandy PEAT with pockets of sand and low cobble content	H6, B7	nig3, stf0, elas0, sicc2, TI2, Dh2	10.00
BH7-3-137	263176.40	779812.50	2.00	Dark brown pseudofibrous PEAT	H5, B3	nig3, stf0, elas0, sicc2, Dh4	0.30
BH7-3-137	263176.40	779812.50	1.00	Brown sandy GRAVEL of mixed lithologies including psammite and quartz with PEAT	H5, B3	nig3, stf0, elas0, sicc2, Dh4	0.30
BH7-3-138	263153.00	780260.60	0.60	Dark brown fibrous PEAT with roots	H5, B2	nig3, stf0, elas0, TI4	DRY
BH7-3-142	263515.90	780923.60	0.10	PEAT (DRILLERS Description)	-	-	DRY
BH7-3-145	263580.60	781169.60	1.30	Dark brown gravelly sandy SILT with PEAT, below 2.00m PEAT content increases	-	-	2.00
BH7-3-146	263667.90	781365.50	1.00	Dark brown fibrous PEAT with roots	H5, B4	nig4, stf0, elas0, sicc2, TI4	5.20
BH7-3-146	263667.90	781365.50	0.70	Dark brown, sandy gravelly PEAT with medium cobble content	H5, B4	nig4, stf0, elas0, sicc2, TI4	5.20
BH7-3-147	263717.70	781421.80	0.30	Dark brown pseudofibrous PEAT with roots	H4, B2	nig3, stf0, elas0, sicc3, TI3, Dh1	5.20
BH7-3-147	263717.70	781421.80	0.70	Brown gravelly silty fine and medium SAND with occasional pockets of PEAT	-	-	5.20
BH7-3-148	263773.40	781413.60	1.60	Brown sandy silty medium and coarse subangular GRAVEL of mixed lithologies including quartz and schist with medium cobble content.....below 2.20m: with pockets of PEAT	-	-	DRY
BH7-3-150	264516.10	773344.40	0.25	Dark brown amorphous PEAT with roots	H7, B2	nig3, stf0, elas1, sicc1, Dg3, TI1	5.00
TP7-3-105	264756.70	773101.10	-	Black and brown silty gravelly peaty TOPSOIL with alternating peat horizons	-	-	-
TP7-3-105	264756.70	773101.10	1.40	Light brown PEAT	-	-	2.60
TP7-3-106	264797.20	773213.40	0.10	Dark brown and black spongy peaty TOPSOIL	-	-	2.30
TP7-3-107	264701.40	773145.20	0.40	Black peaty TOPSOIL with many rootlets	-	-	-
TP7-3-108	264711.60	773257.00	0.40	Dark brown and black fibrous peaty TOPSOIL	-	-	0.70
TP7-3-110	264545.40	773504.70	0.40	Orange and dark brown sandy, slightly peaty TOPSOIL with rootlets	-	-	-

Location ID	Easting	Northing	Thickness (m)	Basic Peat/ Peaty Soil Description	Von Post Classification	Troels-Smith Classification	Groundwater Level (m)
TP7-3-112A	264492.70	773312.40	-	Dark brown slightly sandy pseudofibrous PEAT with roots and fragments of glass	-	-	-
TP7-3-112A	264492.70	773312.40	1.80	Dark reddish brown pseudofibrous PEAT with roots	-	-	1.80
TP7-3-113	264574.60	773369.80	0.20	Black slightly gravelly sandy TOPSOIL with occasional peat	-	-	DRY
TP7-3-114	264576.40	773400.00	1.80	Brown gravelly SAND with lenses of PEAT	-	-	2.00
TP7-3-116	264431.30	773456.80	0.10	Dark brown fibrous peaty TOPSOIL	-	-	2.50
TP7-3-117	264413.20	773562.20	0.50	Dark brown PEAT with rootlets	H9, B3	-	-
TP7-3-118	264301.30	773682.50	0.70	Dark brown PEAT with rootlets	H5, B3	-	1.60
TP7-3-119	264147.90	773875.00	0.60	Dark brown PEAT with rootlets	H8, B2	-	Surface
TP7-3-120	264007.20	773871.00	0.40	Dark brown sandy slightly gravelly PEAT	H6, B3	-	0.70
TP7-3-121	264107.60	773767.00	2.70	Dark brown sandy PEAT	H4, B2	-	3.70
TP7-3-122	264014.00	774039.90	-	Dark brown PEAT with rootlets	H9, B2	-	3.60
TP7-3-122	264014.00	774039.90	1.00	Brown gravelly peaty medium SAND	-	-	3.60
TP7-3-124	263847.10	774261.20	0.80	Dark brown PEAT	H7, B3	-	0.80
TP7-3-124	263847.10	774261.20	0.30	Dark brown gravelly PEAT with high cobble content and rootlets	H9 B4	-	0.80
TP7-3-125	263549.60	774782.20	0.30	Dark brown peaty TOPSOIL with a matrix of slightly gravelly fine to coarse sand and occasional rootlets	-	-	1.60
TP7-3-126	263522.70	774932.50	-	Dark brown fibrous PEAT with roots	-	-	-
TP7-3-126	263522.70	774932.50	2.00	Dark brown pseudofibrous PEAT with roots	-	-	1.40
TP7-3-127	263478.90	775020.50	0.60	Dark brown amorphous PEAT with medium cobble content.	-	-	DRY
TP7-3-130	263385.10	775265.60	0.20	Dark brown sandy PEAT with rootlets and organic odour	H9, B2	-	DRY
TP7-3-131	263238.10	775402.20	0.90	Dark brown PEAT	H4, B1	-	-
TP7-3-133	263177.60	775723.50	0.20	Blackish brown gravelly peaty silty TOPSOIL	-	-	1.60
TP7-3-135	263000.80	776340.30	2.00	Dark brown slightly gravelly pseudofibrous PEAT	-	-	-
TP7-3-137	262881.70	776738.20	-	Black, gravelly amorphous PEAT	-	-	-
TP7-3-137	262881.70	776738.20	0.40	Brown slightly gravelly fine to coarse SAND with high organic content and organic fibres	-	-	1.90
TP7-3-139	262736.50	777047.20	1.50	Brown, spongy, pseudofibrous PEAT with occasional roots and branches	-	-	1.90
TP7-3-140	262630.90	777283.40	-	Grey brown, silty, very sandy gravelly amorphous PEAT, becoming psuedo fibrous from 0.90m	-	-	-
TP7-3-140	262630.90	777283.40	2.35	Black and brown spongy pseudofibrous PEAT	-	-	2.90
TP7-3-143	262595.40	778274.60	0.30	Dark greyish brown gravelly sandy pseudofibrous PEAT with roots.	-	-	3.10
TP7-3-144	262544.70	778413.30	0.40	Black plastic slightly gravelly amorphous PEAT with many roots	-	-	DRY
TP7-3-146	262615.40	778576.70	0.25	MADE GROUND (Brown and black sandy gravelly peaty TOPSOIL)	-	-	1.70
TP7-3-148	262643.20	778741.90	0.50	Brown pseudofibrous PEAT with large branches	-	-	0.40 / 1.20
TP7-3-149	262706.20	778894.00	0.25	Brown slightly gravelly pseudofibrous PEAT	-	-	2.90
TP7-3-150	262787.90	779091.30	-	GRAVEL with 30 - 50% PEAT	-	-	1 / 3.2
TP7-3-150	262787.90	779091.30	2.20	GRAVEL with 30 - 50% black amorphous PEAT	-	-	3.20
TP7-3-151	262823.30	779039.60	0.50	Dark brown peaty clay TOPSOIL	-	-	2.70
TP7-3-154	263090.20	779773.30	0.60	Dark brown PEAT	H7, B3	-	-
TP7-3-155	263092.70	779778.70	0.50	Dark brown PEAT with rootlets and organic odour	H7, B2	-	DRY
TP7-3-156	263192.00	779823.80	0.70	Dark brown PEAT	H7, B3	-	0.60
TP7-3-158	262975.40	779919.90	0.40	Black and brown slightly silty peaty TOPSOIL with many rootlets	-	-	2.60
TP7-3-159	263103.30	780171.00	0.20	Black silty, sandy peaty TOPSOIL with many rootlets	-	-	-
TP7-3-160	263213.70	780282.70	0.55	Dark brown and black peaty TOPSOIL with matrix of slightly gravelly sand and occasional rootlets.	-	-	DRY
TP7-3-161	263205.70	780414.50	1.40	Black and brown slightly sandy PEAT with many rootlets and low cobble content	-	-	-
TP7-3-164	263439.80	780908.00	0.40	Black and brown, slightly silty peaty TOPSOIL with many rootlets and low cobble content	-	-	-
TP7-3-169	263722.30	781403.50	0.95	Dark brown and black peaty TOPSOIL with slightly gravelly sand and frequent rootlets.	-	-	DRY
TP7-3-171	263876.30	781686.90	0.40	Dark brown and blueish grey fibrous PEAT and gravelly fine to coarse SAND	-	-	2.00

Table 5: Laboratory Testing (Raeburn, December 2016 to April 2017) (Boreholes, Trial Pits and Peat Cores)

Location ID	Easting	Northing	Vegetation based on NVC Surveys (MacArthur Green, 2015)	Basic Peat/ Peaty Soil Description	Sample Depth (m)	Moisture Content (%)	Bulk Density (Mg/m ³)	Dry Density (Mg/m ³)	Loss on Ignition (%)	Total Organic Carbon (%)	Total Carbon Content (%)	pH (Units)
Peaty Soil and Topsoil												
BH7-3-103	264616.10	773329.50	U5/U4b/M15a	Peaty TOPSOIL	0.20	33	-	-	-	<0.05	2.7	3
BH7-3-107	263982.10	774098.20	M15b/M15a	Dark brown pseudofibrous PEAT with roots	0.10	613	-	-	-	45	44	3.8
BH7-3-119	263181.90	775736.20	H21a/U4a/H12a/OV27	Dark brown pseudofibrous PEAT with roots	0.10	106	-	-	-	8	6	5.4
BH7-3-142	263515.90	780923.60	H12/U5/U4/S9a	PEAT (DRILLERS Description)	0.10	18	-	-	-	1	1.6	5.5
BH7-3-147	263717.70	781421.80	M15b	Dark brown pseudofibrous PEAT with roots	0.10	359	-	-	-	36	41	4.6
BH7-3-147	263717.70	781421.80	M15b	Brown gravelly silty fine and medium SAND with occasional pockets of PEAT	0.50	54	-	-	-	4.6	5	4.7
BH7-3-150	264516.10	773344.40	H12a/OV27/SWS/M25a	Dark brown amorphous PEAT with roots	0.10	28	-	-	-	1.5	1.4	5.2
P7-PP211	265500.00	772600.00	U4a/MG10/M23a	Dark brown pseudofibrous PEAT	0.00-0.10	1250	0.57	0.27	-	-	-	-
P7-PP716	265600.00	772900.00	H12a/U4/CG10	Dark brown slightly sandy pseudofibrous PEAT	0.00-0.30	1481	0.2	0.09	16	5.8	5.1	5.1
P7-PP835	263133.00	775500.00	M17a	Dark brown slightly sandy amorphous PEAT	0.00-0.35	885	0.78	0.08	91.6	45	50	3.6
P7-PP943	263487.12	780282.84	M17/M15b/M6/M3	Light brown fibrous PEAT	0.00-0.30	378	0.6	0.13	92.6	40	39	3.8
TP7-3-105	264756.70	773101.10	M25a/M15b	Black and brown silty gravelly peaty TOPSOIL with alternating peat horizons	0.50	46	-	-	-	3	3.7	5.6
TP7-3-107	264701.40	773145.20	U4/M15b	Black peaty TOPSOIL with many rootlets	0.10	388	-	-	-	47	44	4
TP7-3-107	264701.40	773145.20	U4/M15b	Black peaty TOPSOIL with many rootlets	0.40	403	-	-	-	-	-	-
TP7-3-108	264711.60	773257.00	U5/H12/M6a	Dark brown and black fibrous peaty TOPSOIL	0.10	95	-	-	-	4.2	4.7	5.5
TP7-3-116	264431.30	773456.80	U4b/H12/MG1/OV27	Dark brown fibrous peaty TOPSOIL	0.10-0.15	8	-	-	-	0.3	0.3	6.7
TP7-3-120	264007.20	773871.00	U4a/OV25/M6a	Dark brown sandy slightly gravelly PEAT	0.10	71	-	-	-	5.3	3.9	5.9
TP7-3-120	264007.20	773871.00	U4a/OV25/M6a	Dark brown sandy slightly gravelly PEAT	0.10	-	-	-	-	0.3	4.3	-
TP7-3-125	263549.60	774782.20	H12/U4/U5/CG10	Dark brown peaty TOPSOIL with sand and occasional rootlets	0.10	-	-	-	-	1	1.1	5.1
TP7-3-130	263385.10	775265.60	U4b/MG1	Dark brown sandy PEAT with rootlets and organic odour	0.10	221	-	-	-	25	38	3.8
TP7-3-130	263385.10	775265.60	U4b/MG1	Dark brown sandy PEAT with rootlets and organic odour	0.10	-	-	-	-	>15	46	-
TP7-3-133	263177.60	775723.50	H21a/U4a/H12a/OV27	Blackish brown gravelly peaty silty TOPSOIL	0.10	-	-	-	-	-	-	-
TP7-3-149	262706.20	778894.00	H21a/H12a/M15b	Brown slightly gravelly pseudofibrous PEAT	0.10	365	-	-	-	26	32	5.9
TP7-3-158	262975.40	779919.90	M17a	Black and brown slightly silty peaty TOPSOIL with many rootlets	0.10	482	-	-	-	45	51	3.8
TP7-3-160	263213.70	780282.70	M19a/H21a	Dark brown and black peaty TOPSOIL with sand and occasional rootlets.	0.50	128	-	-	-	6.8	7.3	4.2
TP7-3-169	263722.30	781403.50	M15b	Dark brown and black peaty TOPSOIL with sand and frequent rootlets.	0.50	498	-	-	-	48	57	3.6
Shallow Peat												
BH7-3-113	263565.00	774536.10	U4a/U4b	Dark brown gravelly amorphous PEAT with medium cobble content	0.50	75	-	-	-	3.4	4.8	5.1
BH7-3-135	262969.10	779549.10	M23a/M6a/M15b/M6d/U5a/U4a	Brown silty fine and medium sand with pockets of PEAT	0.50	64	-	-	-	-	-	5.6
BH7-3-146	263667.90	781365.50	M15b	Dark brown fibrous PEAT with roots	0.50	994	-	-	-	39	39	4.2
P7-PP159	264490.00	773300.00	M15b/M25a/OV27	Dark brown pseudofibrous PEAT	0.00-0.25	315	0.57	0.08	-	-	-	-
P7-PP159	264490.00	773300.00	M15b/M25a/OV27	Dark brown amorphous PEAT	0.50-0.70	714	0.7	0.09	55.7	45	42	5
P7-PP203	264900.00	772950.00	M25a	Dark brown pseudofibrous PEAT	0.30-0.50	64	0.79	0.48	42.7	29	28	5.2

Location ID	Easting	Northing	Vegetation based on NVC Surveys (MacArthur Green, 2015)	Basic Peat/ Peaty Soil Description	Sample Depth (m)	Moisture Content (%)	Bulk Density (Mg/m ³)	Dry Density (Mg/m ³)	Loss on Ignition (%)	Total Organic Carbon (%)	Total Carbon Content (%)	pH (Units)
P7-PP786	262900.00	778800.00	H12a	Dark brown pseudofibrous PEAT	0.42-0.90	532	0.94	0.15	26.8	15	16	5.3
P7-PP802	263484.11	775241.29	M23b/U5/U6/DG/U4	Dark brown slightly sandy amorphous PEAT	0.00-0.50	425	0.98	0.19	80.8	15	14	4.4
P7-PP841	262873.65	776438.36	M19	Dark brown amorphous PEAT	0.35-0.55	506	0.6	0.1	96.6	49	62	3.4
TP7-3-105	264756.70	773101.10	M25a/M15b	Light brown PEAT	1.00	583	-	-	-	50	51	5.4
TP7-3-118	264301.30	773682.50	M15b/M25a/U5	Dark brown PEAT with rootlets	0.10	820	-	-	-	46	56	5.7
TP7-3-118	264301.30	773682.50	M15b/M25a/U5	Dark brown PEAT with rootlets	0.50	186	-	-	-	5	6.4	4.9
TP7-3-119	264147.90	773875.00	M17a/M3	Dark brown Peat with rootlets	0.10	847	-	-	-	45	56	4.5
TP7-3-122	264014.00	774039.90	M17a/M1/M3/M2	Dark brown Peat with rootlets	0.10	741	-	-	-	46	58	3.9
TP7-3-127	263478.90	775020.50	H12/U4/U5/CG10	Dark brown amorphous PEAT	0.10	275	-	-	-	41	43	3.8
TP7-3-127	263478.90	775020.50	H12/U4/U5/CG10	Dark brown amorphous PEAT	0.50	322	-	-	-	12	12	3.3
TP7-3-154	263090.20	779773.30	CP	Dark brown PEAT	0.10	640	-	-	-	54	43	3.5
TP7-3-154	263090.20	779773.30	CP	Dark brown PEAT	0.50	501	-	-	-	52	36	3.7
TP7-3-155	263092.70	779778.70	CP	Dark brown PEAT with rootlets and organic odour	0.10	307	-	-	-	21	24	3.5
TP7-3-156	263192.00	779823.80	M15b/M6c/M2	Dark brown PEAT	0.50	436	-	-	-	35	24	5.1
Deep Peat												
BH7-3-106	264185.20	773821.60	CP	Dark brown pseudofibrous PEAT with roots	0.10	927	-	-	-	46	56	4.1
BH7-3-106	264185.20	773821.60	CP	Dark brown pseudofibrous PEAT with roots	0.50	1000	-	-	-	1	51	4.1
BH7-3-106	264185.20	773821.60	CP	Dark brown pseudofibrous PEAT with roots	1.00	859	-	-	-	41	44	3.7
BH7-3-116	263286.80	775306.00	U4a/M23a/CG10a/M6c	Dark brown fibrous PEAT with roots	0.10	856	-	-	-	42	47	4.2
BH7-3-116	263286.80	775306.00	U4a/M23a/CG10a/M6c	Dark brown fibrous PEAT with roots	0.50	683	-	-	-	22	19	4.1
BH7-3-116	263286.80	775306.00	U4a/M23a/CG10a/M6c	Dark brown fibrous PEAT with roots	1.00	709	-	-	-	50	50	3.8
BH7-3-120	262948.30	776504.30	S9a	Dark brown fibrous PEAT with roots	0.10	553	-	-	-	20	23	4.7
BH7-3-120	262948.30	776504.30	S9a	Dark brown fibrous PEAT with roots	0.10	-	-	-	-	12	12	-
BH7-3-120	262948.30	776504.30	S9a	Dark brown fibrous PEAT with roots	0.50	386	-	-	-	33	34	5.2
BH7-3-120	262948.30	776504.30	S9a	Dark brown fibrous PEAT with roots	0.50	-	-	-	-	11	11	-
BH7-3-120	262948.30	776504.30	S9a	Dark brown amorphous PEAT	2.00	-	-	-	-	34	-	5
BH7-3-121	262818.20	776850.70	U4a/H12a	Dark brown pseudofibrous PEAT with roots	0.50	431	-	-	-	11	14	6.3
BH7-3-121	262818.20	776850.70	U4a/H12a	Dark brown pseudofibrous PEAT with roots	1.00	373	-	-	-	12	13	5.4
BH7-3-122	262746.30	777023.20	H21a/H12a/M15b	Dark brown amorphous PEAT with roots	0.10	640	-	-	-	22	26	5.1
BH7-3-122	262746.30	777023.20	H21a/H12a/M15b	Dark brown amorphous PEAT with roots	0.50	469	-	-	-	42	46	5.1
BH7-3-122	262746.30	777023.20	H21a/H12a/M15b	Dark brown amorphous PEAT with roots	1.00	879	-	-	-	59	56	5.1
BH7-3-128	262579.10	777890.90	M15b/U6	Dark brown, gravelly amorphous PEAT with low cobble content	0.50	-	-	-	-	4.8	5	4.9
BH7-3-137	263176.40	779812.50	M15b/M6c/M2	Dark brown pseudofibrous PEAT	0.10	797	-	-	-	42	34	3.7
BH7-3-137	263176.40	779812.50	M15b/M6c/M2	Dark brown pseudofibrous PEAT	0.10	-	-	-	-	>15	51	
BH7-3-137	263176.40	779812.50	M15b/M6c/M2	Dark brown pseudofibrous PEAT	0.50	4912	-	-	-	42	36	3.6

Location ID	Easting	Northing	Vegetation based on NVC Surveys (MacArthur Green, 2015)	Basic Peat/ Peaty Soil Description	Sample Depth (m)	Moisture Content (%)	Bulk Density (Mg/m ³)	Dry Density (Mg/m ³)	Loss on Ignition (%)	Total Organic Carbon (%)	Total Carbon Content (%)	pH (Units)
BH7-3-137	263176.40	779812.50	M15b/M6c/M2	Dark brown pseudofibrous PEAT	0.50	-	-	-	-	>15	47	-
BH7-3-137	263176.40	779812.50	M15b/M6c/M2	Dark brown pseudofibrous PEAT	1.00	-	-	-	-	3	4.2	6.2
BH7-3-137	263176.40	779812.50	M15b/M6c/M2	Dark brown pseudofibrous PEAT	1.00	-	-	-	-	2.2	2.2	
P7-PP013	262929	779500	M17a/M15b	Dark brown pseudofibrous PEAT	0.00-0.50	750	0.82	0.1	79.6	11	11	3.7
P7-PP013	262929	779500	M17a/M15b	Dark brown pseudofibrous PEAT	1.00-1.50	1034	0.93	0.08	96.3	53	57	3.2
P7-PP013	262929	779500	M17a/M15b	Light brown pseudofibrous PEAT with occasional darker, organic rich pockets	1.50-2.00	886	0.82	0.08	94	54	58	3.5
P7-PP013	262929	779500	M17a/M15b	Brown pseudofibrous PEAT with occasional darker, organic rich pockets	2.50-3.00	1189	0.81	0.06	96.2	57	55	4.1
P7-PP013	262929	779500	M17a/M15b	Brown pseudofibrous PEAT with occasional darker, organic rich pockets	3.00-3.50	1051	-	-	95.6	57	64	4.3
P7-PP044	262551	778466	M15b	Brown fibrous PEAT	0.00-0.19	1,122	0.93	0.08	-	-	-	-
P7-PP044	262551	778466	M15b	Dark brown pseudofibrous PEAT	1.00-1.50	659	0.7	0.09	62.3	38	38	4.4
P7-PP044	262551	778466	M15b	Greyish brown pseudofibrous slightly sandy PEAT with silty lenses	2.00-2.50	130	0.79	0.34	12.3	3.5	3.7	4.9
P7-PP066	262791	776812	M15b	Dark brown pseudofibrous PEAT	0.00-0.50	1250	-	-	88.1	35	35	4.5
P7-PP066	262791	776812	M15b	Dark brown pseudofibrous PEAT	0.50-1.00	1,479	0.5	0.03	89.1	40	44	4.5
P7-PP066	262791	776812	M15b	Dark brown pseudofibrous PEAT	1.00-1.50	1,082	0.81	0.07	88.5	51	57	4.6
P7-PP090	263051	776134	H12a/M17a/H21a	Dark brown pseudofibrous PEAT	0.00-0.50	928	0.77	0.07	96.3	47	56	3.8
P7-PP090	263051	776134	H12a/M17a/H21a	Dark brown pseudofibrous PEAT	0.50-1.00	984	0.77	0.07	95.4	46	62	4.7
P7-PP090	263051	776134	H12a/M17a/H21a	Dark brown sandy amorphous PEAT	1.00-1.40	1,051	0.2	0.02	93.5	47	60	5
P7-PP826	262984.60	776052.57	M4	Dark brown pseudofibrous PEAT	0.00-0.50	1,409	0.59	0.04	96.2	47	43	3.7
P7-PP826	262984.60	776052.57	M4	Dark brown pseudofibrous PEAT	0.50-1.00	594	0.57	0.08	98.2	45	52	3.7
P7-PP826	262984.60	776052.57	M4	Dark brown slightly sandy pseudofibrous PEAT	1.50-2.00	1,204	0.82	0.06	96.8	47	54	4.1
P7-PP826	262984.60	776052.57	M4	Dark brown sandy pseudofibrous PEAT	2.50-2.95	449	0.72	0.13	93.2	63	60	4.6
P7-PP845	262861.00	776562.00	S9a	Brown pseudofibrous PEAT	0.00-0.50	906	0.78	0.08	78	41	35	4.2
P7-PP845	262861.00	776562.00	S9a	Dark brown pseudofibrous PEAT	1.00-1.50	106	0.57	0.28	78.5	40	53	4.8
P7-PP845	262861.00	776562.00	S9a	Brown fibrous PEAT	2.00-2.50	115	0.2	0.09	89.7	40	49	4.8
P7-PP845	262861.00	776562.00	S9a	Brown pseudofibrous PEAT with pockets of clay	3.00-3.50	114	0.94	0.44	33	17	17	5.1
P7-PP845	262861.00	776562.00	S9a	Brown pseudofibrous PEAT with pockets of clay	4.00-4.50	700	0.34	0.04	28	13	15	4.8
P7-PP947	263687.41	781393.96	M15b	Light brown pseudofibrous PEAT	0.00-0.50	410	0.91	0.18	95.4	51	51	3.7
P7-PP947	263687.41	781393.96	M15b	Dark brown pseudofibrous PEAT	0.50-1.00	1,164	0.78	0.06	98.1	56	59	3.8
P7-PP947	263687.41	781393.96	M15b	Dark brown pseudofibrous PEAT	1.00-1.45	574	0.81	0.12	98.6	53	44	3.8
TP7-3-121	264107.60	773767.00	U4a/OV25/M6a	Dark brown sandy PEAT	2.00	158	-	-	-	6.7	6.2	5.5
TP7-3-124	263847.10	774261.20	M15b/M25a/U5	Dark brown PEAT	0.10	545	-	-	-	35	41	4.5
TP7-3-124	263847.10	774261.20	M15b/M25a/U5	Dark brown PEAT	0.50	627	-	-	-	34	36	4.7
TP7-3-124	263847.10	774261.20	M15b/M25a/U5	Dark brown gravelly PEAT with high cobble content and rootlets	1.00	322	-	-	-	15	13	5
TP7-3-126	263522.70	774932.50	CP	Dark brown fibrous PEAT with roots	0.10	784	-	-	-	48	60	3.2
TP7-3-126	263522.70	774932.50	CP	Dark brown fibrous PEAT with roots	0.50	1106	-	-	-	22	32	3.4

Location ID	Easting	Northing	Vegetation based on NVC Surveys (MacArthur Green, 2015)	Basic Peat/ Peaty Soil Description	Sample Depth (m)	Moisture Content (%)	Bulk Density (Mg/m ³)	Dry Density (Mg/m ³)	Loss on Ignition (%)	Total Organic Carbon (%)	Total Carbon Content (%)	pH (Units)
TP7-3-126	263522.70	774932.50	CP	Dark brown pseudofibrous PEAT with roots	1.00	-	-	-	-	1.8	3.5	5
TP7-3-135	263000.80	776340.30	M4/M23a/M5/M6d	Dark brown slightly gravelly pseudofibrous PEAT	0.10	964	-	-	-	17	19	4.6
TP7-3-135	263000.80	776340.30	M4/M23a/M5/M6d	Dark brown slightly gravelly pseudofibrous PEAT	0.50	607	-	-	-	22	25	5.6
TP7-3-135	263000.80	776340.30	M4/M23a/M5/M6d	Dark brown slightly gravelly pseudofibrous PEAT	1.00	1133	-	-	-	23	19	5.5
TP7-3-137	262881.70	776738.20	U4a/H12a	Black, gravelly amorphous PEAT	1.60	302	-	-	-	42	46	5.5
TP7-3-139	262736.50	777047.20	H21a/H12a/M15b	Brown, spongy, pseudofibrous PEAT with occasional roots and branches	0.50	735	-	-	-	56	45	3.6
TP7-3-139	262736.50	777047.20	H21a/H12a/M15b	Brown, spongy, pseudofibrous PEAT with occasional roots and branches	1.00	920	-	-	-	48	49	3.9
TP7-3-161	263205.70	780414.50	M17a	Black and brown slightly sandy PEAT with many rootlets	0.40	250	-	-	-	-	-	-
TP7-3-161	263205.70	780414.50	M17a	Black and brown slightly sandy PEAT with many rootlets	0.50	126	-	-	-	21	21	4.5
TP7-3-161	263205.70	780414.50	M17a	Black and brown slightly sandy PEAT with many rootlets	1.00	-	-	-	-	19	20	4.5

Annex 10.1.4

Peat Depth Model Methodology

Peat Depth Model Methodology

The peat depth model has been generated using ArcGIS 10.3.1 geographical information system (GIS) software, a widely available, industry standard software package. ArcGIS provide several different methods of interpolating a surface with varying values (in this case peat depths) across an area from real, measured data points.

The method used to create the peat depth model for this project has involved creating a Triangular Irregular Network (TIN) which connects real measured data points via a series of edges to form a network of triangles (ESRI, 2016). The TIN is subsequently converted from a TIN into a 'Raster' (i.e. a grid of cells of equal dimensions bases on a specified resolution, such as 1m by 1m) to allow further analysis (RWE, 2013)).

This method has been chosen following detailed analysis at the Carnedd Wen Wind Farm site in Mid-Wales, which showed that, of the various methods available in ArcGIS, the TIN to raster method was preferable due to:

- Its mathematical simplicity
- The reduced likelihood of it reducing the size of, or 'smoothing out' completely, smaller areas of deeper peat
- It being true to the measured dataset from which it is created, in that the value of the peat model surface at a measured data point will always be equivalent to the value at that data point (RWE, 2013).

Additionally, work at Carnedd Wen found there to be little discernible impact on the model between specified raster resolutions of 5m, 10m and 20m. At Carnedd Wen, a raster resolution of 5m was used so that the peat depth can be more accurately represented where data points are closely spaced, such as at known infrastructure locations.

For the peat model created for the Scheme, a resolution of 1m has been used. It is acknowledged that such a resolute raster may 'over-represent' the resolution of the survey, i.e. give an impression that more data has been collected than is actually the case. However, by using such a resolution, sudden step changes in peat depth (where none is present in reality) are avoided, calculations of volumes are more straightforward as each raster grid cell represents a 1m² area (rather than a 25m³ area) and inaccuracy in volume calculation caused when the footprint of infrastructure elements overlaps partially with a grid cell.

At the Carnedd Wen site, 'barriers' were introduced to the model to reduce the peat depth to zero where streams were known to be incised to substrate, and where lakes and streams existed. Such barriers have not been employed for the Scheme here, as this technique was resulting in areas being interpolated as zero peat depth, where this might not be the case. Instead, any such features including watercourses incised to substrate, existing road or tracks where no peat is present, have been 'reduced to zero' from the peat model. Embankments and cutting slopes have deliberately not been 'reduced to zero' peat depth to account for the possibility that dressing of these slopes has been undertaken with peat or peaty soil.

Peat Depth Model Iterations and Testing

Numerous peat model iterations have been produced as new data has been acquired at various stages of survey. Whilst no specific testing has been undertaken to verify the accuracy of the peat model using 'redundant' points, where new data has been collected in areas where peat depth has been interpolated the change has usually been marginal and the new data has broadly

confirmed rather than contradicted interpolated peat depths. Nonetheless, as new data becomes available, the model should be updated to ensure the highest accuracy possible.