

Subject Summary of material described as peat descriptions from factual reports (excluding Vertase 2022)
Job No/Ref 234639-15
Date 23 February 2023
Issue No. Issue 2

Ground Investigation	Borehole ID	Peat		
		Description	Depth to top (m)	Thickness (m)
RSK 2012/2013	RSKWS1	Dark brown peat with very rare fine subrounded gravel and numerous rootlets with occasional glass	0.5	2.1
	RSKWS2	Dark brown/black peat with rootlets	0.5	1.6
	RSKWS3	Dark brown peat with numerous rootlets and some plastic wire	0.5	1.8
	RSKWS4	Dark brown peat with very rare fine subrounded gravel and numerous rootlets with occasional glass	0.5	2.1
	RSKWS5	Dark brown peat with rootlets and glass	0.3	2.1
	RSKWS6	Dark brown peat with some wood fragments	0.1	2.3
	RSKWS7	Dark brown peat with numerous rootlets	0.9	1.5
	RSKWS9	Grey/brown peat with clay pipe fragments and numerous rootlets (sulphur odour)	0.5	1.3
	RSKWS10A	Brown peat with numerous rootlets and some wood	0.5	1.4
	RSKWS11	Dark brown/grey peat with numerous rootlets and occasional wood	1	2.6
	RSKWS12	Brown peat with numerous rootlets	0.8	1.0
	RSKWS13	Brown peat with numerous roots and wood shards	0.6	1.7
	RSKWS202	Brown clayey peat	1.1	0.25
	RSKS10	Brown fibrous peat	0.45	0.15

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		Description	Depth to top (m)	Thickness (m)
	RSKS69	Black slightly gravelly peat	0.4	0.4
	RSKS94	Dark brown peat sandy clayey silt	0.9	0.6
	RSKTP34	Dark brown fibrous peat	0	0.2
	RSKTP35	Brown fibrous peat		
AEG 2015	ARP-BH547	Soft brown very fibrous peat	0.3	2
	ARP-TP533	Firm and spongy dark brown peat. Slightly solvent odour noted/	0.35	0.75
	ARP-TP536	Firm and spongy dark brown peat	0.85	0.35
	ARP-WS542	Soft and firm brown fibrous peat with thin and thick interlaminations of fine to coarse sand	1.15	0.95
	ARP-WS545	Soft and firm brown fibrous peat	0.75	2
	ARP-BH654	Dark brown to brown fibrous peat	1.05	1.8
	ARP-BH748	Soft to firm brown fibrous peat	0.4	2.1
	ARP-BH750	Peat	0.5	1.2
	ARP-BH753	Brown spongy peat	0.5	2

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		Description	Depth to top (m)	Thickness (m)
	ARP-BH761	Black spongy peat	0.5	2
	ARP-TP741	Firm and spongy dark brown pseudo fibrous peat. Fibrous organic matter includes stems, moss and other plant material.	0.35	1.65
	ARP-TP742	Firm and spongy dark brown pseudo fibrous peat. Fibrous organic matter includes stems, moss and other plant material.	0.3	1.4
	ARP-TP743	Firm and spongy dark brown pseudo fibrous peat. Fibrous organic matter includes stems, moss and other plant material.	0.3	1.55
	ARP-TP745	Firm and spongy dark brown pseudo fibrous peat.	0.4	1.45
	ARP-TP752	Firm and spongy dark brown pseudo fibrous peat	0.3	0.55
	ARP-TP754	Firm and dark spongy dark brown pseudo fibrous peat. Fibrous organic material includes stems and other plant material	0.4	1.15
	ARP-TP758	Firm and spongy dark brown pseudo fibrous peat. Fibrous organic mottling includes stems, roots and other plant materials.	0.25	0.40
	ARP-WS647	Firm dark brown fibrous slightly sandy peat	1.8	1.9
	ARP-WS738	Dark brown fibrous to pseudo fibrous peat	0.25	0.8
	ARP-WS739	Dark brown fibrous to pseudo fibrous peat	0.3	0.6

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		Description	Depth to top (m)	Thickness (m)
	ARP-WS740	Firm brown fibrous peat	0.25	1.75
	ARP-WS744	Soft to firm brown fibrous slightly sandy peat	0.3	1.7
	ARP-WS746	Firm brown fibrous peat	0.4	2.1
	ARP-WS747	Firm brown fibrous peat	0.2	1.9
	ARP-WS749	Firm brown fibrous slightly sandy peat	0.25	1.6
	ARP-WS751	Firm brown fibrous peat	0.2	1.2
	ARP-WS755	Firm brown fibrous peat	0.6	0.6
	ARP-WS759	Firm brown slightly sandy fibrous peat	0.4	0.6
	ARP-WS728	Soft brown spongy fibrous peat	1.34	0.30
	ARP-BH761	Black spongy peat with partially decomposed wood (twig/branches with organic odour)	1.7	0.8
	ARP-TP578	Firm and spongy dark brown pseudo fibrous peat. Fibrous organic mottling includes stems, roots and other plant materials.	0.25	0.4
	ARP-WS702	Firm brown fibrous peat	1.5	0.1
	ARP-WS704	Firm brown fibrous peat	2	1.3

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Ground Investigation	Borehole ID	Peat		
		Description	Depth to top (m)	Thickness (m)
	ARP-WS604	Brown plastic fibrous peat	1.4	0.35
	ARP-TP516	Firm dark brown fibrous slightly clayey peat	0.65	0.15
	ARP-TP517	Firm and spongy dark brown peat	0.45	0.4
	ARP-TP533	Firm and spongy dark brown peat	0.35	0.75
	ARP-WS647	Firm dark brown fibrous slightly sandy peat	1.8	0.1
	ARP-TP642	Firm and spongy dark brown peat	0.5	1
E3P Common Lane 2018	e3p_CL_BH101	Soft brown peat	0	2.5
	e3p_CL_BH102	Brown spongy pseudo fibrous peat (organic odour)	0.2	2.4
	e3p_CL_TP101	Brown spongy pseudo fibrous peat (organic odour)	0.4	1.5
	e3p_CL_TP102	Brown spongy pseudo fibrous peat (organic odour)	0.3	1.2
	e3p_CL_TP103	Brown spongy pseudo fibrous peat (organic odour)	0.4	1.5
	e3p_CL_TP104	Brown spongy pseudo fibrous peat (organic odour)	0.3	1
	e3p_CL_TP105	Brown spongy pseudo fibrous peat (organic odour)	0.4	1.2

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Ground Investigation	Borehole ID	Peat		
		Description	Depth to top (m)	Thickness (m)
	e3p_CL_TP106	Brown spongy pseudo fibrous peat (organic odour)	0.35	1.35
	e3p_CL_TP107	Brown spongy pseudo fibrous peat (organic odour)	0.3	0.7
	e3p_CL_TP108	Brown spongy pseudo fibrous peat (organic odour)	0.3	1.3
	e3p_CL_TP109	Brown spongy pseudo fibrous peat (organic odour)	0.3	1.5
	e3p_CL_TP110	Brown spongy pseudo fibrous peat (organic odour)	0.3	1.3
	e3p_CL_TP111	Brown spongy pseudo fibrous peat (organic odour)	0.7	0.7
	e3p_CL_TP112	Brown spongy pseudo fibrous peat (organic odour)	0.4	1
	e3p_CL_TP113	Brown spongy pseudo fibrous peat (organic odour)	0.3	1.6
	e3p_CL_TP115	Brown spongy pseudo fibrous PEAT. (Organic odour)	0.3	1.2
	e3p_CL_TP116	Brown spongy pseudo fibrous PEAT. (Organic odour)	0.3	0.8
	e3p_CL_TP117	Brown spongy pseudo fibrous PEAT. (Organic odour)	0.3	1.1
	e3p_CL_TP118	Brown spongy pseudo fibrous PEAT. (Organic odour)	0.25	1.15
	e3p_CL_TP119	Brown spongy pseudo fibrous PEAT. (Organic odour)	0.3	1

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Ground Investigation	Borehole ID	Peat		
		Description	Depth to top (m)	Thickness (m)
	e3p_CL_TP120	Brown spongy fibrous PEAT. (Organic odour)	0.3	1.1
	e3p_CL_WS101	Brown spongy fibres of PEAT.	0.3	1.4
	e3p_CL_WS102	Brown spongy fibres of PEAT.	0.4	1.9
	e3p_CL_WS103	Brown spongy fibres of PEAT. (Organic odour)	0.4	1.4
	e3p_CL_WS103	Brown spongy fibres of PEAT. (Organic odour)	2	0.3
	e3p_CL_WS104	Brown spongy fibres of PEAT. (Organic odour)	0.5	1.2
	e3p_CL_WS104	Dark reddish brown fibrous PEAT.	2	0.3
	e3p_CL_WS105	Brown spongy fibres of PEAT. (Organic odour)	0.2	1.5
	e3p_CL_WS105	Brown spongy fibres of PEAT. (Organic odour)	2	0.2
	e3p_CL_WS106	Brown spongy fibres of PEAT. (Organic odour)	0.3	1.4
	e3p_CL_WS106	Brown spongy fibres of PEAT. (Organic odour)	2	0.2
	BGS	BGS SJ79SE821	Peaty Soil	0.3
BGS SJ79SE822		Dark Peat	0.1	1.9

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Ground Investigation	Borehole ID	Peat		
		Description	Depth to top (m)	Thickness (m)
	BGS SJ79SW23	Black peat	0.3	0.31
	BGS SJ79SW24	Brown peat	0.3	0.31
	BGS SJ79SW25	Brown peat	0.46	0.15
	BGS SJ79SW26	Brown peat	0.61	0.15
	BGS SJ79SW27	Brown peat	1.22	1.52
	BGS SJ79SW29	Light and dark peat	0.38	2.06
	BGS SJ79SW30	Brown PEAT	0.61	1.52
	BGS SJ79SW31	Brown peat	0.61	1.53
	BGS SJ79SW32	Brown peat	0.61	2.74
	BGS SJ79SW33	Brown peat	0.61	2.44
	BGS SJ79SW34	Dark peat	0.3	0.61
	BGS SJ79SW34	Light brown peat	0.91	1.22
	BGS SJ79SW406	Dark peat	0.1	1.9

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Ground Investigation	Borehole ID	Peat		
		Description	Depth to top (m)	Thickness (m)
	BGS SJ79SW42	Dark peat	0.15	1.22
	BGS SJ79SW43	Dark peat	0.3	0.31
	BGS SJ79SW5	Peat	0.15	0.31

Notes:

This table summarises descriptions for material reported as peat and location, depth and thickness reported from factual ground investigation reports.

Only information from the following ground investigations is included (British Geological Survey, AEG 2015, E3P Common Lane 2018, RSK 2012/2013).

These investigations (undertaken on behalf of Arup and other consultants) did not differentiate between nightsoil and peat material in the factual reporting logs. As such some of the material reported as peat may be nightsoil but recorded on factual reporting as peat due to difficulties distinguishing between nightsoil material and natural peat deposits.