

Appendix B Exploratory Hole Logs: Trial Pits

Key to legends

Composite materials, soils and lithology					
	Topsoil		Made Ground		Boulders
	Clay		Coal		Cobbles
	Gravel		Limestone		Mudstone
	Sand		Sandstone		Silt
					Siltstone
					Chalk
					Concrete
					Peat

Note: Composite soil types are signified by combined symbols.

Key to 'test results' and 'sampling' columns

Test result		Sampling	
Depth	Records depth that the test was carried out (i.e.: at 2.10m or between 2.10m and 2.55m)	From (m) To (m)	Records depth of sampling
	PP – Pocket penetrometer result reported as an equivalent undrained shear strength (kN/m ²) by applying a factor of 50.		D Disturbed sample
			B Bulk disturbed sample
			ES Environmental sample
Result	SV – Hand held shear vane result reported as an undrained shear strength (kN/m ²). Where multiple readings are taken at the same level the average value is shown on the log. * Signifies that instrument limit reached.	Type	W Water sample
			U Undisturbed thick-walled sample 100mm diameter sampler
			UT Undisturbed thin walled sample 100mm diameter sampler
			UTF Failed undisturbed sample

Water observations

Described at foot of log and shown in the 'water strike' column.

▼ Water level observed after specified delay in drilling

∇ Water strike

Density

Density recorded in brackets determined by qualitative field assessment or inferred from density testing and soil descriptions from across the site (i.e.: [Medium dense]).

STV5936

environmental • geotechnical • building fabric

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Blackish brown slightly clayey very sandy fine to coarse, angular to subrounded GRAVEL of brick, clinker, glass, clayware, ceramic and sandstone. Frequent metal and timber fragments. (MADE GROUND)	0.30						0.10		ES
TRIAL PIT TERMINATED AT 0.30m									

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number
			Level (m OD)	Logged by	Revision
			Co-ordinates	Status	SL01
	No groundwater strike recorded		-	FINAL	

STV5936

soiltechnics
environmental • geotechnical • building fabric

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Blackish brown slightly clayey very sandy fine to coarse, angular to subrounded GRAVEL of brick, clinker, glass, clayware, ceramic and sandstone. Frequent metal and timber fragments. Occasional plasterboard fragments. (MADE GROUND)	0.30						0.10		ES
TRIAL PIT TERMINATED AT 0.30m									

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number
			Level (m OD)	Logged by	Revision
			Co-ordinates	Status	SL02
	No groundwater strike recorded		-	FINAL	

STV5936

environmental • geotechnical • building fabric

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown slightly sandy slightly gravelly CLAY with frequent rootlets. Gravel is fine to coarse subangular to subrounded sandstone. (TOPSOIL) TRIAL PIT TERMINATED AT 0.30m	0.30						0.10		ES

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number
			Level (m OD)	Logged by	Revision
			Co-ordinates	Status	SL03
	No groundwater strike recorded		-	FINAL	

STV5936

soiltechnics
environmental • geotechnical • building fabric

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto loose dark brown slightly clayey slightly gravelly fine to medium SAND. Gravel is fine to coarse subangular to subrounded sandstone. (TOPSOIL)	0.30						0.10		ES
TRIAL PIT TERMINATED AT 0.30m									

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number
			Level (m OD)	Logged by	Revision
			Co-ordinates	Status	SL04
	No groundwater strike recorded		-	FINAL	

STV5936

soiltechnics
environmental • geotechnical • building fabric

[illegible]

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number
			Level (m OD)	Logged by	Revision
			Co-ordinates	Status	SL05
	No groundwater strike recorded		-	FINAL	

STV5936

environmental ■ geotechnical ■ building fabric

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto loose dark brown slightly clayey slightly gravelly fine to medium SAND. Gravel is fine to coarse subangular to subrounded sandstone. (TOPSOIL)	0.30						0.10		ES
TRIAL PIT TERMINATED AT 0.30m									

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number Sheet 1 of 1
			Level (m OD) -	Logged by TT	Revision 01
			Co-ordinates -	Status FINAL	SL06
No groundwater strike recorded					

STV5936

soiltechnics
environmental • geotechnical • building fabric

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto loose dark brown slightly clayey slightly gravelly fine to medium SAND. Gravel is fine to coarse subangular to subrounded sandstone. (TOPSOIL)	0.30						0.10		ES
TRIAL PIT TERMINATED AT 0.30m									

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number
			Level (m OD)	Logged by	Revision
			Co-ordinates	Status	SL07
	No groundwater strike recorded		-	FINAL	

STV5936

soiltechnics
environmental • geotechnical • building fabric

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto loose dark brown slightly clayey slightly gravelly fine to medium SAND. Gravel is fine to coarse subangular to subrounded sandstone. (TOPSOIL)	0.30						0.10		ES
TRIAL PIT TERMINATED AT 0.30m									

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number
			Level (m OD)	Logged by	Revision
			Co-ordinates	Status	SL08
	No groundwater strike recorded		-	FINAL	

STV5936

environmental • geotechnical • building fabric

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto loose dark brown slightly clayey slightly gravelly fine to medium SAND. Gravel is fine to coarse subangular to subrounded sandstone. Rare glass fragments. (TOPSOIL - MADE GROUND)	0.30						0.10		ES
TRIAL PIT TERMINATED AT 0.30m									

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number
			Level (m OD)	Logged by	Revision
			Co-ordinates	Status	SL09
	No groundwater strike recorded		-	FINAL	

STV5936

environmental ■ geotechnical ■ building fabric

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown slightly sandy slightly gravelly CLAY with frequent rootlets. Gravel is fine to coarse subangular to subrounded sandstone. (TOPSOIL)	0.30						0.10		ES
TRIAL PIT TERMINATED AT 0.30m									

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number
			Level (m OD)	Logged by	Revision
			Co-ordinates	Status	SL10
	No groundwater strike recorded		-	FINAL	

STV5936

environmental • geotechnical • building fabric

[illegible]

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number
			Level (m OD)	Logged by	Revision
			Co-ordinates	Status	SL11
	No groundwater strike recorded		-	FINAL	

STV5936

environmental • geotechnical • building fabric

[illegible]

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number Sheet 1 of 1
			Level (m OD)	Logged by	Revision
			-	TT	01
	No groundwater strike recorded		Co-ordinates	Status	SL12
		-	FINAL		

STV5936

environmental ■ geotechnical ■ building fabric

[illegible]

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number
			Level (m OD)	Logged by	Revision
			Co-ordinates	Status	SL13
	No groundwater strike recorded		-	FINAL	

STV5936

environmental • geotechnical • building fabric

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto loose dark brown slightly clayey slightly gravelly fine to medium SAND. Gravel is fine to coarse subangular to subrounded sandstone. (TOPSOIL)	0.30						0.10		ES
TRIAL PIT TERMINATED AT 0.30m									

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number
			Level (m OD)	Logged by	Revision
			Co-ordinates	Status	SL14
	No groundwater strike recorded		-	FINAL	

STV5936

environmental • geotechnical • building fabric

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto loose dark brown slightly clayey slightly gravelly fine to medium SAND. Gravel is fine to coarse subangular to subrounded sandstone. (TOPSOIL)	0.30						0.10		ES
TRIAL PIT TERMINATED AT 0.30m									

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number
			Level (m OD)	Logged by	Revision
			Co-ordinates	Status	SL15
	No groundwater strike recorded		-	FINAL	

STV5936

environmental ■ geotechnical ■ building fabric

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto loose dark brown slightly clayey slightly gravelly fine to medium SAND. Gravel is fine to coarse subangular to subrounded sandstone. (TOPSOIL)	0.30						0.10	0.40	ES
TRIAL PIT TERMINATED AT 0.30m									

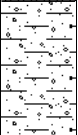
Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number
			Level (m OD)	Logged by	Revision
			Co-ordinates	Status	SL16
	No groundwater strike recorded		-	FINAL	

STV5936

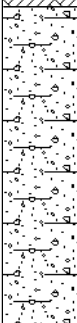
environmental ■ geotechnical ■ building fabric

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto loose dark brown slightly clayey slightly gravelly fine to medium SAND. Gravel is fine to coarse subangular to subrounded sandstone. (TOPSOIL)	0.30						0.10	0.40	ES
TRIAL PIT TERMINATED AT 0.30m									

Notes Terminated at scheduled depth.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	m x m	24/07/2024
			Method	Plant used	Sheet number
			Level (m OD)	Logged by	Revision
			Co-ordinates	Status	SL17
	No groundwater strike recorded		-	FINAL	

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto dark brown slightly silty slightly gravelly fine to medium SAND with frequent rootlets. Occassional clinker fragments. (TOPSOIL)	0.30	177.66					0.10 0.10 0.30	0.60	D B B
Light brown mottled orange brown clayey slightly gravelly medium SAND with low cobble content of angular sandstone. Gravel is medium to coarse angular sandstone. Occassional 150mm thick lenses of clay. Occassional glass and brick fragments. (MADE GROUND)	0.60	177.36			PP 0.70 PP 0.80 PP 0.90	PP 83 PP 204 PP 192	0.60	1.50	B
Firm to stiff brown mottled grey slightly sandy slightly gravelly CLAY. Gravel is fine to medium subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)					PP 1.20	PP 138			
Light brown mottled orange brown clayey slightly gravelly medium SAND with low cobble content of angular sandstone. Gravel is medium to coarse angular sandstone. Occassional 150mm thick lenses of clay. (HUMMOCKY GLACIAL DEPOSITS)	1.50	176.46					1.60	2.00	B
Firm brown slightly sandy slightly gravelly CLAY. Gravel is fine to coarse angular sandstone and coal. (HUMMOCKY GLACIAL DEPOSITS)	2.00 2.10	175.96 175.86							
TRIAL PIT TERMINATED AT 2.10m									

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	0.70m x 2.80m	15/07/2024
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 177.96	Logged by	Revision 01
			Co-ordinates 389174E, 410493N	Status FINAL	TP01
	No groundwater encountered				

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto dark brown slightly silty slightly gravelly fine to medium SAND with frequent rootlets. (TOPSOIL)	0.40	177.06					0.10	1.00	D
Light brown mottled orange brown clayey slightly gravelly medium SAND with low cobble content of angular sandstone. Gravel is medium to coarse angular sandstone. Occasional 150 mm lenses of clay. (HUMMOCKY GLACIAL DEPOSITS)							0.50		B
							1.00		B
TRIAL PIT TERMINATED AT 2.50m	2.50	174.96							

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	0.70m x 2.30m	15/07/2024
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 177.46	Logged by	Revision 01
			Co-ordinates 389222E, 410479N	Status FINAL	TP02
	No groundwater encountered				

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto dark brown slightly silty slightly gravelly fine to medium SAND with frequent rootlets. Occassional clinker and brick fragments. (TOPSOIL - MADE GROUND)	0.20	175.90					0.10 0.10 0.20	0.70	B D B
Black very sandy slightly silty fine to coarse subrounded to subangular GRAVEL of clinker, brick and ceramic, with high cobble content of angular brick and ceramic. Occassional metal and glass fragments. (MADE GROUND)	0.70	175.40			PP 0.80	PP 0	0.70	1.30	B
Very soft dark brown slightly sandy SILT with occasional roots. (MADE GROUND)					PP 1.10	PP 0			
...at 1.1m depth, from 1.10m depth, hydrocarbon odour.	1.30	174.80			PP 1.40	PP 17	1.30	1.80	B
Soft light grey sandy slightly gravelly SILT. Gravel is fine to medium angular sandstone and coal. (HUMMOCKY GLACIAL DEPOSITS)					PP 1.60	PP 0			
Firm dark brown mottled orange and grey slightly sandy slightly gravelly CLAY. Gravel is fine to medium subrounded to subangular sandstone and coal (HUMMOCKY GLACIAL DEPOSITS)	1.80	174.30			PP 1.90	PP 63	1.80	2.50	B
					PP 2.10	PP 63			
					PP 2.30	PP 58			
					PP 2.50	PP 42			
					PP 2.60	PP 46			
TRIAL PIT TERMINATED AT 2.60m	2.60	173.50							

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title Trial pit record	Dimensions (w x l) 0.70m x 2.50m	Date(s) 15/07/2024
	Strike (m)	Comments			
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 176.10	Logged by	Revision 01
	No groundwater encountered		Co-ordinates 389206E, 410484N	Status FINAL	TP03

Cowm Top
STV5936

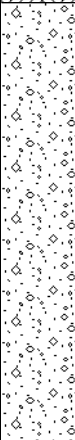
STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING			
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE	
Dark brown slightly gravelly clayey fine to medium SAND with frequent rootlets. Gravel is medium subrounded to subangular sandstone. (TOPSOIL)	0.30	170.54			SV 1.40 SV 1.60 SV 1.80 SV 2.00 SV 2.20 SV 2.40	SV 11 SV 51 SV 23 SV 25 SV 26 SV 12	0.10 0.10 0.30	1.30	ES B B	
Light brown slightly gravelly silty fine SAND with low cobble content of subrounded sandstone. Gravel is fine to medium subrounded to subangular sandstone and coal. Occasional 100mm thick lenses of firm clay. (HUMMOCKY GLACIAL DEPOSITS)										
Firm dark brown slightly gravelly sandy CLAY with low cobble content of subrounded sandstone. Gravel is fine to coarse subrounded to subangular sandstone and coal. (HUMMOCKY GLACIAL DEPOSITS)	1.30	169.54						1.30	2.40	B
TRIAL PIT TERMINATED AT 2.40m	2.40	168.44								
	</									

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	0.70m x 2.60m	15/07/2024
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 170.84	Logged by	Revision 01
			No groundwater encountered		389381E, 410403N

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Dark brown slightly gravelly clayey fine to medium SAND with frequent rootlets. Gravel is medium subrounded to subangular sandstone. (TOPSOIL)	0.30	169.41					0.10		ES
Soft friable light brown mottled orangish brown slightly gravelly slightly sandy CLAY. Gravel is fine to coarse subangular to subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)							0.50	0.90	B
Light grey mottled brown gravelly slightly silty fine to medium SAND with frequent 100mm to 200mm thick lenses of soft silt and low boulder content of 500mm to 700mm diameter subrounded sandstone. Gravel is fine to coarse subangular to subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)	0.90	168.81					1.00	2.00	B
TRIAL PIT TERMINATED AT 2.00m	2.00	167.71							

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title Trial pit record	Dimensions (w x l) 0.70m x 3.00m	Date(s) 15/07/2024
	Strike (m)	Comments			
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 169.71	Logged by	Revision 01
	No groundwater encountered		Co-ordinates 389383E, 410384N	Status FINAL	TP05

Cowm Top
STV5936

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto dark brown slightly clayey slightly gravelly fine to medium SAND with frequent rootlets. Gravel is fine to coarse subangular to rounded sandstone. (TOPSOIL)	0.30	171.71					0.10		ES
Light brown gravelly fine to coarse SAND with low cobble content of subrounded sandstone. Gravel is fine to coarse subangular to rounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)							1.20		B
							2.50		B
TRIAL PIT TERMINATED AT 3.20m	3.20	168.81							

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	0.70m x 2.60m	16/07/2024
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 172.01	Logged by	Revision 01
			Co-ordinates 389400E, 410372N	Status FINAL	TP06
	No groundwater encountered				

Cowm Top
STV5936

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft slightly sandy slightly gravelly CLAY with frequent rootlets. Gravel is fine to coarse subangular to subrounded sandstone. Rare plastic fragments. (TOPSOIL - MADE GROUND)	0.25	167.55					0.10		ES
Firm dark brown slightly sandy slightly gravelly CLAY with low cobble content of subrounded sandstone and angular brick. Gravel is fine to coarse subangular to subrounded sandstone and coal. Rare timber fragments. (MADE GROUND)					SV 0.40	SV 70	0.40		ES
					SV 0.70	SV 66			
Firm dark brown slightly gravelly slightly gravelly CLAY with low cobble content of subrounded sandstone. Gravel is fine to coarse angular to subangular sandstone and coal. (HUMMOCKY GLACIAL DEPOSITS)	0.90	166.90			SV 1.00	SV 61			
					SV 1.30	SV 78	1.20		B
					SV 1.60	SV 104			
					SV 1.80	SV 89			
					SV 2.10	SV 81			
					SV 2.40	SV 73			
					SV 2.60	SV 64			
Brown slightly gravelly very clayey medium SAND. Gravel is fine to coarse subangular to rounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)	2.70	165.10					2.80		B
	2.90	164.90							
TRIAL PIT TERMINATED AT 2.90m									

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title Trial pit record	Dimensions (w x l) 0.70m x 2.70m	Date(s) 16/07/2024
	Strike (m)	Comments			
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 167.80	Logged by	Revision 01
	No groundwater encountered		Co-ordinates 389435E, 410280N	Status FINAL	TP07

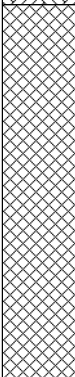
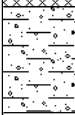
STV5936

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown slightly sandy slightly gravelly CLAY with frequent roots and rootlets. Gravel is fine to coarse subrounded sandstone. (TOPSOIL)	0.20	164.77			SV 1.60 SV 1.80	SV 107 SV 65	0.20		ES
Firm dark brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium subangular sandstone. Rare brick fragments. (MADE GROUND)	0.60	164.37					0.50		ES
Dark gray slightly sandy slightly gravelly CLAY. Gravel is fine to medium subangular sandstone. Rare brick fragments. (MADE GROUND)	1.05	163.92					0.90 1.00		ES B
Light orangish brown slightly gravelly very clayey medium to coarse SAND, with low cobble content of subrounded to rounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)	1.50	163.47					1.40		B
Firm to stiff light grey mottled orange slightly sandy slightly gravelly CLAY. Gravel is medium to coarse subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)	1.80	163.17					1.60		B
Light orangish brown slightly gravelly very clayey medium to coarse SAND, with low cobble content of subrounded to rounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)							2.00		B
TRIAL PIT TERMINATED AT 3.00m	3.00	161.97							

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	0.70m x 2.50m	16/07/2024
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 164.97	Logged by	Revision 01
			Co-ordinates 389403E, 410253N	Status FINAL	TP08
	No groundwater encountered				

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown slightly sandy slightly gravelly CLAY with frequent roots and rootlets. Gravel is fine to coarse subrounded sandstone. (TOPSOIL)	0.30	165.51					0.10		ES
Firm to stiff brown slightly sandy slightly gravelly CLAY with low cobble content of subangular sandstone. Gravel is fine to coarse subangular to subrounded sandstone and coal. Occassional bricks and brick fragments. Rare timber fragments. (MADE GROUND)			SV 0.50		SV 126				
			SV 0.80		SV 134				
			SV 1.10		SV 115	1.00	ES		
			SV 1.30		SV 137				
			SV 1.50		SV 60	1.50	1.50	B	
Soft dark brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium subrounded to rounded sandstone. Rare 100mm thick lenses of soft black organic clay. (HUMMOCKY GLACIAL DEPOSITS)	1.60	164.21			SV 1.70	SV 41			
					SV 1.90	SV 44			
					SV 2.10	SV 45			
					SV 2.40	SV 67			
					SV 2.70	SV 43	2.80		B
					SV 3.00	SV 45			
TRIAL PIT TERMINATED AT 3.20m	3.20	162.61							

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	0.70m x 3.20m	18/07/2024
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 165.81	Logged by	Revision 01
			Co-ordinates 389436E, 410228N	Status FINAL	TP09
	No groundwater encountered				

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING			
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE	
Grass onto soft dark brown slightly sandy slightly gravelly CLAY with frequent roots and rootlets. Gravel is fine to coarse subrounded sandstone. (TOPSOIL)	0.30	166.40					0.10		ES	
Firm to stiff brown slightly sandy slightly gravelly CLAY with low cobble content of subangular sandstone. Gravel is fine to coarse subangular to subrounded sandstone and coal. Occasional whole bricks and brick fragments. Rare timber fragments. (MADE GROUND)					SV 0.50	SV 166	0.80			ES
			SV 0.70		SV 144					
			SV 0.90		SV 123					
			SV 1.20		SV 59					
			SV 1.50		SV 71					
			SV 1.80		SV 62	2.00			B	
			SV 2.10		SV 33					
SV 2.30	SV 87									
Soft dark brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium subrounded to rounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)	2.80	163.90			SV 2.50	SV 13	2.20		ES	
			SV 2.80		SV 126					
			SV 3.00		SV 21					
			SV 3.20		SV 64					
TRIAL PIT TERMINATED AT 3.50m	3.50	163.20			SV 3.40	SV 27	3.00		B	
			SV 3.50		SV 24					

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	0.70m x 2.90m	18/07/2024
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 166.70	Logged by	Revision 01
			Co-ordinates 389491E, 410215N	Status FINAL	TP10
	No groundwater encountered				

Cowm Top
STV5936

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING					
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE			
Grass onto soft dark brown slightly sandy slightly gravelly CLAY with frequent roots and rootlets. Gravel is fine to medium subangular to subrounded sandstone. (TOPSOIL)	0.30	164.90					0.10		ES			
Firm dark brown slightly sandy slightly gravelly CLAY. Gravel is fine to coarse subrounded to angular sandstone. Occassional bricks and brick fragments. Rare concrete boulders, plastic fragments and timber fragments. (MADE GROUND)									0.60		ES	
										1.50	1.50	B
										2.20		ES
Firm brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium subangular to subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)	2.40	162.80										
										2.80		B
TRIAL PIT TERMINATED AT 3.30m	3.30	161.90										

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title Trial pit record	Dimensions (w x l) 0.70m x 3.10m	Date(s) 18/07/2024
	Strike (m)	Comments	Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 165.20	Logged by JT	Revision 01
			Co-ordinates 389450E, 410202N	Status FINAL	TP11
	No groundwater strike recorded				

STV5936

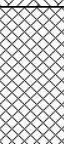
environmental ■ geotechnical ■ building fabric

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING			
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE	
Grass onto soft dark brown slightly sandy slightly gravelly CLAY with frequent roots and rootlets. Gravel is fine to medium subrounded to subangular sandstone. (TOPSOIL)	0.30	159.95					0.10	1.00	ES B B	
Soft orangish brown slightly sandy slightly gravelly CLAY. Gravel is fine to coarse subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)			0.10 0.30							
Firm to stiff dark brown slightly sandy slightly gravelly CLAY. Gravel is fine subrounded to subangular sandstone. (HUMMOCKY GLACIAL DEPOSITS)	1.40	158.85			SV 1.20 SV 1.30 SV 1.40 SV 1.50	SV 17 SV 12 SV 78 SV 146	1.60	2.00	B	
	1.60	158.65								
	Very soft dark brown slightly sandy slightly gravelly SILT. Gravel is fine subrounded to subangular sandstone. (HUMMOCKY GLACIAL DEPOSITS)					SV 1.80				SV 31
					SV 2.10	SV 19				
					SV 2.40	SV 19				
TRIAL PIT TERMINATED AT 2.50m	2.50	157.75								
					</					

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	0.70m x 3.30m	18/07/2024
			Method	Plant used	Sheet number
			Machine excavated	13t machine excavator	Sheet 1 of 1
			Level (m OD)	Logged by	Revision
	160.25	JT	01		
No groundwater strike recorded		Co-ordinates	Status	TP12	
		389394E, 410172N	FINAL		

STV5936

environmental • geotechnical • building fabric

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING			
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE	
Grass onto soft dark brown slightly sandy slightly gravelly CLAY with frequent roots and rootlets. Gravel is fine to medium subrounded sandstone. (TOPSOIL)	0.30	163.25			SV 1.50	SV 64	0.10		ES	
Soft to firm dark brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium subangular to subrounded sandstone, concrete, coal and brick fragments. Occasional brick cobbles and rare concrete boulders. (MADE GROUND)							0.60			B
							1.00			B
Soft black slightly sandy slightly gravelly CLAY. Gravel is medium subrounded sandstone. (MADE GROUND)	1.30	ES								
Firm dark brown slightly sandy slightly gravelly CLAY. Gravel is fine to coarse angular to subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)	1.35									
		2.00	B							
										
										
										
										
TRIAL PIT TERMINATED AT 2.40m	2.40	161.15		SV 2.40	SV 38					
				</						

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	0.70m x 3.10m	18/07/2024
			Method	Plant used	Sheet number
			Machine excavated	13t machine excavator	Sheet 1 of 1
			Level (m OD)	Logged by	Revision
			163.55	JT	01
No groundwater strike recorded		Co-ordinates	Status	TP13	
		389426E, 410191N	FINAL		

Cowm Top
STV5936

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Vegetation onto soft dark brown slightly sandy slightly gravelly CLAY with frequent roots and rootlets. Gravel is fine to medium subrounded sandstone. (TOPSOIL)	0.25	161.08					0.10 0.10		ES B
Soft to firm dark brown slightly sandy slightly gravelly CLAY. Gravel is fine to medium subangular to subrounded sandstone and brick fragments. Occasional cobbles of brick. (MADE GROUND)	0.70	160.63					0.40 0.40		ES B
Soft to firm dark brown slightly sandy slightly gravelly CLAY with frequent relic roots. Gravel is fine to medium subangular to subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)					SV 0.80	SV 117		2.00	B
					SV 1.00	SV 40			
					SV 1.30	SV 36			
					SV 1.60	SV 31			
...between 1.8m and 2.4m depth, low cobble content of subangular sandstone.					SV 1.90	SV 37			
					SV 2.20	SV 127			
TRIAL PIT TERMINATED AT 2.40m	2.40	158.93							

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title Trial pit record	Dimensions (w x l) 0.70m x 3.40m	Date(s) 18/07/2024
	Strike (m)	Comments			
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 161.33	Logged by JT	Revision 01
	No groundwater strike recorded		Co-ordinates 389451E, 410154N	Status FINAL	TP14

Cowm Top
STV5936

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Vegetation onto dark brown slightly clayey slightly gravelly fine to medium SAND with frequent roots and rootlets. Gravel is fine to medium angular sandstone. (TOPSOIL)	0.30	154.99					0.10	1.20	ES B B
Light brown slightly silty fine to coarse SAND. (HUMMOCKY GLACIAL DEPOSITS)							0.10		
							0.30		
Light brown gravelly slightly silty fine to coarse SAND with medium cobble content of rounded sandstone. Gravel is fine to coarse rounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)	1.20	154.09					1.20	2.30	B
TRIAL PIT TERMINATED AT 2.30m	2.30	152.99							

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title Trial pit record	Dimensions (w x l) 0.70m x 2.40m	Date(s) 18/07/2024
	Strike (m)	Comments	Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 155.29	Logged by JT	Revision 01
			Co-ordinates 389394E, 410114N	Status FINAL	TP15
	No groundwater strike recorded				

Cowm Top
STV5936

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown slightly gravelly sandy CLAY with frequent rootlets. Gravel is fine to medium subrounded sandstone. Rare plastic fragments (TOPSOIL)	0.25	177.56					0.10		ES
Brown slightly clayey slightly gravelly fine to coarse SAND. Gravel is fine to coarse subangular to subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)	0.80	177.01			SV 0.90	SV 36	0.60		B
Firm brown slightly gravelly sandy CLAY with low cobble content of subrounded sandstone. Gravel is fine to coarse subangular to subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)	1.30	176.51			SV 1.20	SV 61	1.10		B
Brown slightly clayey slightly gravelly fine to coarse SAND. Gravel is fine to coarse subangular to subrounded sandstone. Occassional 100-150mm thick lenses of clay. (HUMMOCKY GLACIAL DEPOSITS)	3.40	174.41					1.80		B
Brown slightly gravelly very silty fine to coarse SAND. Gravel is fine to coarse subangular to subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)	4.70	173.11					3.20		B
Firm dark brown slightly sandy slightly gravelly SILT. Gravel is fine subangular sandstone. (HUMMOCKY GLACIAL DEPOSITS)	4.90	172.91					4.10		B
TRIAL PIT TERMINATED AT 4.90m							4.80		B

Notes Terminated due to instability/collapse.	Groundwater observations		Title Trial pit record	Dimensions (w x l) 0.70m x 2.30m	Date(s) 18/07/2024
	Strike (m)	Comments	Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 177.81	Logged by TT	Revision 01
	No groundwater strike recorded		Co-ordinates 389101E, 410463N	Status FINAL	TP16

Cowm Top
STV5936

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Vegetation onto very soft dark brown slightly sandy CLAY with frequent rootlets. Rare brick fragments. (TOPSOIL)	0.30	152.20			SV 0.40 SV 0.60 SV 0.80	SV 6 SV 6 SV 8	0.10 0.60 		

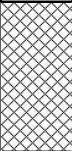
Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	0.70m x 2.90m	25/07/2024
	2.00	Slow seepage insufficient to fill base of pit after 20 minutes.	Method	Plant used	Sheet number
			Machine excavated	13t machine excavator	Sheet 1 of 1
			Level (m OD)	Logged by	Revision
			152.50	TT	01
			Co-ordinates	Status	TP17
			389008E, 410269N	FINAL	

Cowm Top
STV5936

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto dark brown slightly clayey slightly gravelly fine to medium SAND with frequent rootlets. Gravel is fine to medium subrounded to rounded sandstone. (TOPSOIL)	0.40	153.13					0.10		ES B
Orangish brown slightly gravelly silty fine to medium SAND. Gravel is fine to medium subangular to subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)							0.10		
Greyish brown slightly gravelly very silty fine SAND. Gravel is fine to coarse subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)	1.70	151.83					2.20		B
TRIAL PIT TERMINATED AT 2.80m	2.80	150.73							

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title Trial pit record	Dimensions (w x l) 0.70m x 3.10m	Date(s) 25/07/2024
	Strike (m)	Comments	Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 153.53	Logged by TT	Revision 01
			Co-ordinates 389001E, 410284N	Status FINAL	TP18
	No groundwater strike recorded				

Cowm Top
STV5936

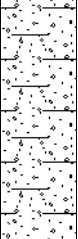
STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto blackish brown slightly clayey very sandy fine to coarse, angular to subrounded GRAVEL of brick, clinker, glass, clayware, ceramic and sandstone. Frequent metal and timber fragments. (MADE GROUND)	1.05	151.33					0.10		ES
Very soft dark brown slightly sandy SILT. Occasional relic roots. (ALLUVIUM)					SV 1.10	SV 13	1.20		ES
Stiff dark grey mottled orange slightly sandy slightly gravelly SILT with low cobble content of subrounded sandstone. Gravel is fine to coarse, subrounded to rounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)	1.60	150.78			SV 1.40	SV 12	1.50		B
					SV 1.70	SV 96	1.90		B
					SV 1.90	SV 93			
TRIAL PIT TERMINATED AT 2.30m	2.30	150.08			SV 2.20	SV 84			

Notes	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Strike (m)	Comments	0.70m x 3.20m	25/07/2024
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 152.38	Logged by TT	Revision 01
		No groundwater strike recorded	Co-ordinates 389002E, 410251N	Status FINAL	TP19

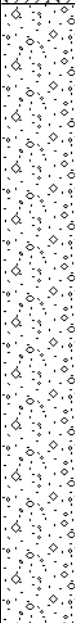
Cowm Top
STV5936

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Vegetation onto very soft dark brown slightly sandy slightly gravelly CLAY with frequent roots and rootlets. Gravel is fine to medium subrounded to rounded sandstone. Occasional plastic fragments. (TOPSOIL - MADE GROUND)	0.40	152.12					0.10		ES
Soft brown mottled grey slightly gravelly sandy CLAY. Gravel is fine to medium subrounded to rounded sandstone. Occasional brick fragments. (MADE GROUND)					SV 0.50	SV 21	0.60		ES
					SV 0.80	SV 16			
					SV 1.10	SV 13	1.00		B
Soft dark grey slightly sandy slightly gravelly SILT. Gravel is fine to medium subrounded to rounded sandstone. Low cobble content of subrounded sandstone. (ALLUVIUM)	1.40	151.12			SV 1.30	SV 16			
			SV 1.50		SV 19				
			SV 1.80		SV 29	1.80		B	
			SV 2.10		SV 31				
TRIAL PIT TERMINATED AT 2.30m	2.30	150.22			SV 2.30	SV 31			

Notes Terminated due to instability/collapse.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	0.70m x 3.20m	25/07/2024
	1.95	Slow	Method	Plant used	Sheet number
			Machine excavated	13t machine excavator	Sheet 1 of 1
			Level (m OD)	Logged by	Revision
			152.52	TT	01
			Co-ordinates	Status	TP20
			388993E, 410229N	FINAL	

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Dark brown slightly clayey slightly gravelly fine to coarse SAND with frequent rootlets. Gravel is fine to medium subrounded sandstone. Rare brick and ceramic fragments. (TOPSOIL)	0.40	153.29					0.10 0.30 0.50	1.50	ES B B
Light brown slightly gravelly clayey fine to coarse SAND. Gravel is fine to medium subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)	2.10	151.59					2.20		B
Light grey slightly gravelly clayey medium to coarse SAND. Gravel is fine to medium subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)	2.50	151.19							
TRIAL PIT TERMINATED AT 2.50m									

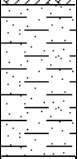
Notes Terminated due to instability/collapse.	Groundwater observations		Title Trial pit record	Dimensions (w x l) 0.70m x 3.10m	Date(s) 25/07/2024
	Strike (m)	Comments			
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 153.69	Logged by	Revision 01
	No groundwater encountered		Co-ordinates 388958E, 410253N	Status FINAL	TP21

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown very sandy slightly gravelly CLAY with frequent rootlets. Gravel is fine to coarse angular to subrounded sandstone. (TOPSOIL)	0.40	165.22					0.10		ES
Light brown slightly gravelly fine to coarse SAND with low cobble content of angular to subrounded sandstone. Gravel is medium to coarse subangular to subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)							0.80		B
							1.60		B
							2.80		B
							3.60		B
	4.50	161.12					4.20		B
TRIAL PIT TERMINATED AT 4.50m									

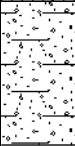
Notes Terminated due to instability/collapse.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	0.70m x 2.80m	25/07/2024
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 165.62	Logged by	Revision 01
			Co-ordinates 388988E, 410326N	Status FINAL	TP22
	No groundwater encountered				

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto dark brown slightly clayey slightly gravelly fine to medium SAND with frequent rootlets. Gravel is medium to coarse subrounded sandstone. (TOPSOIL)	0.40						0.10		ES
Light brown slightly gravelly fine to coarse SAND. Gravel is fine to coarse subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)							0.50		B
TRIAL PIT TERMINATED AT 1.20m	1.20								

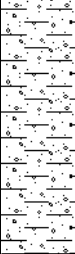
Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	0.70m x 2.80m	25/07/2024
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) -	Logged by	Revision 01
			Co-ordinates -	Status FINAL	TP23
	No groundwater encountered				

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Dark brown slightly sandy slightly gravelly CLAY with frequent rootlets. Gravel is fine to medium subangular to subrounded sandstone. (TOPSOIL)	0.40	163.79					0.10		ES
Soft light grey mottled orange slightly sandy CLAY. (HUMMOCKY GLACIAL DEPOSITS)							0.60		B
TRIAL PIT TERMINATED AT 1.40m	1.40	162.79							

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	0.70m x 2.10m	25/07/2024
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 164.19	Logged by	Revision 01
			Co-ordinates 389319E, 410299N	Status FINAL	TP24
	No groundwater encountered				

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown slightly sandy slightly gravelly CLAY with frequent rootlets. Gravel is fine to medium subangular to subrounded sandstone. (TOPSOIL)	0.35	166.47					0.10		ES
Orangish brown slightly clayey slightly gravelly fine to medium SAND. Gravel is fine to coarse subangular to subrounded sandstone. (HUMMOCKY GLACIAL DEPOSITS)							0.60		B
TRIAL PIT TERMINATED AT 1.30m	1.30	165.52							

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title	Dimensions (w x l)	Date(s)
	Strike (m)	Comments	Trial pit record	0.70m x 2.10m	25/07/2024
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 166.82	Logged by	Revision 01
			Co-ordinates 389063E, 410415N	Status FINAL	TP25
	No groundwater encountered				

STRATA				WATER STRIKES	IN SITU TESTING		SAMPLING		
DESCRIPTION	DEPTH (m)	REDUCED LVL (m OD)	LEGEND		TYPE / DEPTH (m)	RESULT	FROM (m)	TO (m)	TYPE
Grass onto soft dark brown slightly sandy slightly gravelly CLAY with frequent rootlets. Gravel is fine to medium subrounded to subangular sandstone. Rare plastic fragments. (TOPSOIL)	0.30	166.43							
Firm grey mottled orange slightly sandy slightly gravelly CLAY. Gravel is fine subangular coal. (HUMMOCKY GLACIAL DEPOSITS)									
TRIAL PIT TERMINATED AT 2.00m	2.00	164.73							

Notes Terminated at scheduled depth. Trial pit remained upright and stable upon completion.	Groundwater observations		Title Trial pit record	Dimensions (w x l) 0.70m x 2.30m	Date(s) 25/07/2024
	Strike (m)	Comments			
			Method Machine excavated	Plant used 13t machine excavator	Sheet number Sheet 1 of 1
			Level (m OD) 166.73	Logged by	Revision 01
	No groundwater encountered		Co-ordinates 389079E, 410416N	Status FINAL	TP26