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TEST PIT: TPUA-06

Project: Pioneer-Burdekin PHES

Location: Netherdale/Dalrymple Heights

Client: Queensland Hydro

Job No.: PS138693

Position: Upper Reservoir

Coords: 657138.3 m E 7667165.6 m N MGA2020-55

Contractor: Seaforth Civil

Machine: Backhoe Bucket Size: 0.6 m toothed

Sheet 1 of 1

Date: 17/4/2024

Logged: NW

Excavation				Sampling		Field Material Description													
METHOD	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	GROUP SYMBOL	SOIL/ROCK MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY	DENSITY	DCP TEST						
													Blows per 100 mm						
													0	5	10	15	20	25	
BH	E	Groundwater Not Encountered	0.0		D 0.00-0.10 m			CI	TOPSOIL Sandy CLAY: medium plasticity, dark brown, sand is fine to medium grained.		F								
			0.10		B 0.10-0.40 m D 0.10-0.40 m			CL-ML	Clayey SILT: low to medium plasticity, brown, with fine to medium grained sand; with rootlets, with charcoal (Possible COLLUVIUM).										
					0.40						Dark brown.	St	St						
			0.5		D 0.80-1.10 m														
					1.10					CL-ML	Clayey SILT: low to medium plasticity, pale brown, trace fine grained sand; (Probably RESIDUAL SOIL).	w<PL - w=PL	VSt	VSt					
	1.5			B 1.50-2.00 m D 1.50-2.00 m															
	F-H				2.90		B 2.90-3.20 m D 2.90-3.20 m			CL-CI	Silty CLAY: low to medium plasticity, dark brown, with fine to medium grained sand; (RESIDUAL SOIL).	w<PL	H						
	H				3.0														
					3.5														
					4.0		B 3.80-4.20 m D 3.80-4.20 m				Pale brown mottled grey and brown, trace fine grained sand.								
				4.20					Hole Terminated at 4.20 m Maximum machine reach depth. Backfilled.										
				4.5															
				5.0															
Comments													Checked GEM						
													Date 30/11/2024						



TPUA-06 - 1: Test pit excavation



TPUA-06 - 2: Test pit excavated spoil



TITLE
Queensland Hydro
Netherdale
Pioneer-Burdekin Pumped Hydro Energy
Storage
Photos - TPUA-06

DRAWN	TH	DATE	8/7/2024
CHECKED	GEM	DATE	30/11/2024
SCALE	Not To Scale		A4
PROJECT No	PS138693	FIGURE No	1/1