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TEST PIT: TPUA-05

Sheet 1 of 1

Project: Pioneer-Burdekin PHES

Location: Netherdale/Dalrymple Heights

Client: Queensland Hydro

Job No.: PS138693

Position: Upper Reservoir

Coords: 657541.3 m E 7667468.3 m N MGA2020-55

Contractor: Seaforth Civil

Machine: Backhoe Bucket Size: 0.9 m toothed

Date: 14/6/2024

Logged: PT

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	0.10	D 0.00-0.10 m			CI	TOPSOIL Sandy CLAY: medium plasticity, dark brown, sand is fine to medium grained.	w=PL	S									
	F-H		1.80	D 1.20-1.30 m			CL-ML	Clayey SILT: low to medium plasticity, brown and red-brown, with fine to medium grained sand; (RESIDUAL SOIL).	w=PL	St										
			2.20	B 2.10-2.40 m			CL-ML	Clayey Gravelly SILT: low to medium plasticity, red-brown, pale orange and pale brown, gravel is medium to coarse grained; (RESIDUAL SOIL).	w<PL	H										
			3.90	B 3.40-3.70 m				GRANITE: medium to coarse grained, red-brown, pale brown and pale orange, crystalline, massive, very low strength; extremely weathered grading to highly weathered at base of test pit. (EXTREMELY WEATHERED MATERIAL).												
							</													

WSP-AU 5.06.1 LUB GLB Log IS AU TEST PIT 3C PIONEER_NIP_2024060608TH_GEM_04072024.GPJ <<DrawingFile>> 8/7/2024 19:28 10.03.00.09 Datagel Lab and In Situ Tool - DGD | Lib: WSP 5.06.1 2023-06-14




TPUA-05 - 1: Test pit excavation



TPUA-05 - 2: Test pit excavated spoil

P:\BPHE\LIB\GLB_G4\74 PHOTO TEST PIT 2 PER PAGE A4P TPUA-05.GPJ - c:\DrawingFiles> 23/5/2024 09:57 10/03/00.08 D:\gpl\Lab and in Situ_Tod - DGD [Lib: WSP 5.07 2 2023 10-30 Proj: WSP 5.04 1 2023-06-14

	TITLE Queensland Hydro Netherdale Pioneer-Burdekin Pumped Hydro Energy Storage Photos - TPUA-05	DRAWN TH		DATE 8/7/2024		
		CHECKED GEM		DATE 30/11/2024		
		SCALE Not To Scale				A4
		PROJECT No PS138693			FIGURE No 1/1	