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TEST PIT: TPUA-04

Sheet 1 of 1

Project: Pioneer-Burdekin PHES

Location: Netherdale/Dalrymple Heights

Client: Queensland Hydro

Job No.: PS138693

Position: Upper Reservoir

Coords: 658630.5 m E 7667664.1 m N MGA2020-55

Contractor: Graeme Harte

Machine: 16t excavator Bucket Size: 0.9 m toothed

Date: 13/6/2024

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		
E	E	Groundwater Not Encountered	0.0	0.10	D 0.00-0.10 m			CI	Silty CLAY: medium plasticity, brown, trace fine grained sand; TOPSOIL.	w>PL	F									
			0.10	B 0.20-0.50 m		CL-ML	Clayey SILT: low to medium plasticity, brown.	w>PL	F											
			0.50				Red brown.													
			1.0						St											
			1.5																	
			2.0						w=PL	St - VSt										
			2.5	B 2.50-3.00 m																
			3.0																	
			3.40						St											
			3.5	D 3.50-3.60 m			Trace medium grained sand.	w>PL												
			4.0	4.10	D 4.10-4.20 m		Pale brown and red brown, trace fine grained sand.	w=PL	St - VSt											
4.50				Hole Terminated at 4.50 m Maximum machine reach depth. Backfilled.																
Comments													Checked GEM Date 30/11/2024							

WSP-AU 5.06.1 LUB GLB Log IS AU TEST PIT 3C PIONEER_NIP_20240608TH_GEM_04072024.GPJ <<DrawingFile>> 8/7/2024 16:12 10.03.00.09 Datagel Lab and In Situ Tool - DGD [Lib: WSP 5.06.1 2023-09-13 Pj: WSP 5.04.1 2023-06-14]




TPUA-04 - 1: Test pit excavation



TPUA-04 - 2: Test pit excavated spoil

P:\PHSES\LIB\GLB_G4\74 PHOTO TEST PIT 2 PER PAGE AAP TPUA-04.GPJ - <DrawingFile> 23/5/2024 09:57 10/03/00/08 D:\gepi\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-04	DRAWN	TH	DATE	8/7/2024					
		CHECKED	GEM	DATE	30/11/2024					
		SCALE				Not To Scale		A4		
		PROJECT No			PS138693			FIGURE No	1/1	