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TEST PIT: TPUA-20

Sheet 1 of 1

Project: Pioneer-Burdekin PHES

Location: Netherdale/Dalrymple Heights

Client: Queensland Hydro

Job No.: PS138693

Position: Upper Reservoir

Coords: 658323.1 m E 7667798.2 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	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	TOPSOIL Sandy CLAY: high plasticity, dark brown, sand is fine to medium grained.	w=PL	St								
			0.5	0.70	B 0.80-1.10 m		CL-ML	Clayey SILT: low to medium plasticity, brown and red brown, with fine to medium grained sand; (RESIDUAL SOIL).	w=PL									
	F		1.0					Dark brown and red brown.		St								
			1.5	1.30	D 1.50-1.60 m			Pale brown, trace fine grained sand.										
	F-H		2.0		B 2.00-2.30 m					VSt								
			2.5		D 2.50-2.60 m					St								
			3.0		B 3.10-3.40 m				w<PL									
			3.5															
			4.0								VSt							
			4.5	4.20	B 4.20-4.50 m			Low plasticity, red brown and pale brown, trace fine to medium grained sand.										
		4.70		D 4.50-4.60 m D 4.60-4.70 m														
		5.0					Hole Terminated at 4.70 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 20240606 TH\_GEM\_04072024.GPJ <<DrawingFile>> 8/7/2024 19:29 10.03.00.09 Datagel Lab and In Situ Tool - DGD [Lib: WSP 5.06.1 2023-06-14 Proj: WSP 5.04.1 2023-06-14]


P:\BPHE\LIB\GLB\_G4\74 PHOTO TEST PIT 2 FER PAGE A4P TPUA-08.GPJ - <DrawingFile> 23/5/2024 09:57 10/03/00/08 D:\gep\Lab and in Situ\_Tod - DGD [Lib: WSP 5.07 2 2023-10-30 Proj: WSP 5.04 1 2023-06-14



TPUA-20 - 1: Test pit excavation



TPUA-20 - 2: Test pit excavated spoil

	TITLE Queensland Hydro Netherdale Pioneer-Burdekin Pumped Hydro Energy Storage Photos - TPUA-20	DRAWN TH	DATE 8/7/2024
		CHECKED GEM	DATE 30/11/2024
		SCALE Not To Scale	A4
		PROJECT No PS138693	FIGURE No 1/1