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TEST PIT: TPL-10

Project: Pioneer-Burdekin PHES

Location: Netherdale/Dalrymple Heights

Client: Queensland Hydro

Job No.: PS138693

Position: Netherdale

Coords: 660058.9 m E 7661535.9 m N MGA2020-55

Surface RL: 155.8 m AHD

Contractor: Seaforth Civil

Machine: Hitachi Zaxis 135US Bucket Size: 900mm toothed

Sheet 1 of 1

Date: 4/12/2023

Logged: AV

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 (AS 1289.6.3.2-1997) Blows per 100 mm					
													0	5	10	15	20	25
				0.0	155.77	B 0.00-1.00 m PB-TPL-10-001		GM	FILL Silty Sandy GRAVEL: fine to coarse, well graded, sub-rounded, dark brown, sand is fine to coarse grained; silt is low plasticity; trace roots, trace bricks.			D - VD						
				0.70	155.07			GP	Sandy GRAVEL: fine to coarse, sub-rounded, dark brown to black, sand is fine to coarse grained, brown; with cobbles of point load strength index - Is(50) ranging 2.90 to 6.20 MPa; trace non-plastic silt. (ALLUVIAL SOIL).				M	Refusal on hard object				
				1.0		ES 1.00-1.10 m PB-TPL-10-002						MD - D						
				1.5		ES 1.40-1.50 m PB-TPL-10-003 B 1.40-1.50 m PB-TPL-10-004												
				2.0		B 1.80-2.00 m PB-TPL-10-005 ES 1.80-2.00 m PB-TPL-10-006						M - W						
				2.5														
				3.0								D						
				3.20	152.57				Hole Terminated at 3.20 m Target depth sidewall collapse occurred below 0.9 m depth Backfilled									
				3.5														
				4.0														
				4.5														
				5.0														
Comments													Checked GEM Date 9/10/2024					




TPL-10-1 - Test pit excavation - sidewall collapse occurring below 0.9 m below ground level



TPL-10-2 Test pit excavated spoil

P:\PHES\LIB\G.L.B. G4\74 PHOTO TEST PIT 2 PER PAGE AAP TPL-10.GPJ --DrawingFile-- 5/6/2024 10:31 10.03.00.09 D:\ppl\Lab and in Situ Tool - DGD Lib: WSP 5.07 2 2023-10-30 P:\ WSP 5.04.1 2023-06-14

	TITLE Queensland Hydro Netherdale Pioneer-Burdekin Pumped Hydro Energy Storage TPL-10	DRAWN TH	DATE 6/06/2024
		CHECKED GEM	DATE 6/06/2024
		SCALE Not To Scale	A4
		PROJECT No PS138693	FIGURE No 1/1