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TEST PIT: TPL-16

Project: Pioneer-Burdekin PHES

Location: Netherdale/Dalrymple Heights

Client: Queensland Hydro

Job No.: PS138693

Position: Netherdale

Coords: 660176.9 m E 7662387.5 m N MGA2020-55

Surface RL: 236.8 m AHD










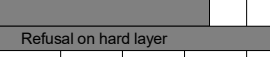

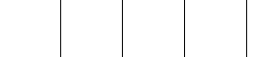

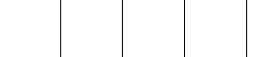

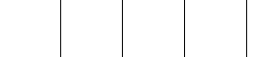

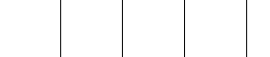

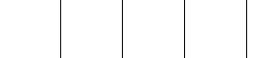
Contractor: Seaforth Civil

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
E	E		0.0	236.76				SP	TOPSOIL Silty Gravelly SAND: fine to coarse grained, dark brown, gravel is fine to medium grained; with roots and root fibres.									
			0.20	236.56				GC	Sandy GRAVEL: fine to coarse, well graded, sub-angular to sub-rounded, pale yellow brown, sand is fine to coarse grained, pale brown; (RESIDUAL SOIL).									
	F-H		0.5															
			1.0		ES 0.90-1.00 m PB-TPL-16-001 B 0.90-1.00 m PB-TPL-16-002													
			1.5															
			2.0		ES 1.90-2.00 m PB-TPL-16-003 B 1.90-2.00 m PB-TPL-16-004				M	VD								
			2.5															
			3.0		ES 2.90-3.00 m PB-TPL-16-005 B 2.90-3.00 m PB-TPL-16-006													
			3.5															
			4.0	4.00 232.76	ES 3.90-4.00 m PB-TPL-16-007 B 3.90-4.00 m PB-TPL-16-008					Hole Terminated at 4.00 m Refusal on hard rocky layer, partial sidewall collapse below 2.7m Backfilled								
			4.5															
			5.0															
Comments													Checked		GEM			
													Date		9/10/2024			

PPHES.LIB.GLB Log IS AUTEST PIT 3C PIONEER\_NIP\_MASTER\_2024.007.GPJ <<DrawingFile>> 9/10/2024 18:11 10.03.00.09 Duggei Lab and In Situ Tool - DGD | Lib: WSP 5.07.2.2023-10-30 Pit WSP 5.04.1 2023-06-14



TPL-16-1 Test pit excavation - sidewall collapse occurring below 2.7 m below ground level



TPL-16 - 2 Test pit excavated spoil



TITLE  
Queensland Hydro  
Netherdale  
Pioneer-Burdekin Pumped Hydro Energy  
Storage  
TPL-16

DRAWN	TH	DATE	6/06/2024
CHECKED	GEM	DATE	6/06/2024
SCALE	Not To Scale		A4
PROJECT No	PS138693	FIGURE No	1/1