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TEST PIT: TPL-25

Project: Pioneer-Burdekin PHES

Location: Netherdale/Dalrymple Heights

Client: Queensland Hydro

Job No.: PS138693

Position: Netherdale

Coords: 659909.0 m E 7660322.0 m N MGA2020-55

Surface RL: 210.0 m AHD

Contractor: Twin Hills Engineering & Drilling

Machine: Backhoe Bucket Size: 900mm toothed

Sheet 1 of 1

Date: 31/8/2023

Logged: SB

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				
BH	E	Groundwater Not Encountered	0.0	210.00	D 0.00-0.40 m PB-TPL-25-001			GM	TOPSOIL Silty GRAVEL WITH COBBLES: medium to coarse, sub-rounded, dark brown, silt is low pasticity; cobbles are are to 200 mm in diameter sub-rounded; with medium to high plasticity clay; with ash and rootlets.	D	L											
			0.20	209.80				ML					Gravelly Sandy SILT: low plasticity, dark brown, sand is fine to coarse grained sub-rounded; gravel is fine to coarse sub-angular; with boulders coarse sub-angular (ALLUVIAL SOIL).	w<PLF - St								
	0.5		0.70	209.30	GM		Sandy GRAVEL: coarse, sub-rounded, grey brown and dark brown, sand is fine to coarse sub-angular; with boulders to 600 mm in diameter sub-rounded moderately weathered granodiorite (ALLUVIAL SOIL).															
	1.0																					
	1.5																					
	2.0										increasing moisture											
	2.5																					
	2.90		207.10									M	VD									
					3.0							Hole Terminated at 2.90 m Refusal on boulder, Backfilled										
					3.5																	
			4.0																			
			4.5																			
			5.0																			

Comments

Checked GEM

Date 9/10/2024

PEPHES LIB GLB Log IS AU TEST PIT 3C PIONEER\_NIP\_MASTER\_20241007.GPJ <<DrawingFile>> 10/10/2024 09:19 10.03.00.09 Ddgel Lab and In Situ Tool - DGD | Lib: WSP 5.07.2 2023-10-30 Proj: WSP 5.04.1 2023-06-14



TPL-25-1 Test pit excavation



TPL-25-2 Test pit excavated spoil



<b>TITLE</b> <b>Queensland Hydro</b> <b>Netherdale</b> <b>Pioneer-Burdekin Pumped Hydro Energy</b> <b>Storage</b> <b>TPL-25</b>	<b>DRAWN</b> <b>TH</b>	<b>DATE</b> <b>6/06/2024</b>
	<b>CHECKED</b> <b>GEM</b>	<b>DATE</b> <b>6/06/2024</b>
	<b>SCALE</b> <b>Not To Scale</b>	<b>A4</b>
	<b>PROJECT No</b> <b>PS138693</b>	<b>FIGURE No</b> <b>1/1</b>