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TEST PIT: TPL-06 Position: Netherdale Sheet 1 of 1 Pioneer-Burdekin PHES Coords: 660346.3 m E 7661024.2 m N MGA2020-55 Project: Netherdale/Dalrymple Heights Surface RL: 196.0 m AHD Location: Client: Queensland Hydro Twin Hills Engineering & Drilling Date: 30/8/2023 Contractor: Job No.: PS138693 Machine: Backhoe Bucket Size: 600mm toothed JG Logged: Excavation Sampling **Field Material Description** MOISTURE CONDITION CONSISTENCY DENSITY **3ROUP SYMBOL** DCP TEST RECOVERED SAMPLE OR GRAPHIC LOG SOIL/ROCK MATERIAL DESCRIPTION Blows per 100 mm WATER DEPTH (metres) FIELD TEST DEPTH RL 25 10 15 20 0.0 196.00 *0.10* 195.90 D 0.00-0.10 m PB-TPL-06-001 D 0.10-1.00 m PB-TPL-06-002 VSt H CL TOPSOIL Silty CLAY: low plasticity, grey. Н СН FILL Sity CLAY: high plasticity, yellow brown, with fine grained gravel; trace medium grained sand; excavated extremely weathered granite used as fill. VSt 0.5 PP 0.50 m =340 kPa 1.0 D 1.00-1.40 m PB-TPL-06-003 PP 1.10 m >600 kPa St 1.30 194.70 Sandy Sitty CLAY: high plasticity, yellow red, sand is fine grained; (inferred COLLUVIUM). B 1.40-2.00 m PB-TPL-06-004 PP 1.40 m =550 kPa 1.5 w<PL VSt 2.0 B 2.00-3.50 m PB-TPL-06-005 ВН Š 2.5 PP 2.50 m =450 kPa VSt H 3.0 3.50 192.50 B 3.50-4.50 m Clayey SAND: fine grained, pale brown and yellow brown, clay is high plasticity; with relic crystal structure, some biotite, (inferred RESIDUAL SOIL). PB-TPL-06-006 M - D D -VD 4.0 4.50 191.50 Hole Terminated at 4.50 m Target depth Backfilled 5.0 Comments Checked GEM Date 9/10/2024



TPL-06 - 1 Depth Range: 0.00 m - Test pit excavation



TPL-06 - 2 Depth Range: 0.00 m - Test pit excavated spoil



Queensland Hydro
Netherdale
Pioneer-Burdekin Pumped Hydro Energy
Storage
TPL-06

TH	6/06/2024	
GEM	6/06/2024	
Not To Scale		A4
PROJECT No PS138693	FIGURE No 1/1	