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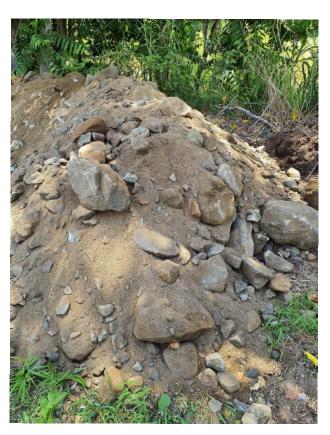
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TEST PIT: TPL-11 Position: Netherdale Sheet 1 of 1 Pioneer-Burdekin PHES Coords: 660745.1 m E 7661313.0 m N MGA2020-55 Project: Netherdale/Dalrymple Heights Surface RL: 147.3 m AHD Location: Queensland Hydro 5/12/2023 Client: Contractor: Seaforth Civil Date: Job No.: PS138693 Machine: Hitachi Zaxis 135US Bucket Size: 900mm toothed ΑV Logged: Excavation Sampling **Field Material Description** MOISTURE CONDITION CONSISTENCY DENSITY SROUP SYMBOL DCP TEST RECOVERED (AS 1289.6.3.2-1997) Blows per 100 mm SAMPLE OR GRAPHIC LOG SOIL/ROCK MATERIAL DESCRIPTION WATER DEPTH (metres) FIELD TEST DEPTH RL 25 5 10 15 20 0.0 147.26 SM TOPSOIL Silty SAND: fine grained, brown, with fine to medium grained gravel; trace roots. MD 0.20 147.06 Gravelly SAND: fine grained, poorly graded, sub-angular, brown, gravel is fine to coarse grained dark grey ro brown; with non plastic silt; with roots (ALLUVIAL SOIL). Ö Refusal on hard object without roots 0.5 Ö a ES 0.90-1.00 m PB-TPL-11-001 B 0.90-1.00 m PB-TPL-11-002 1.0 a 0 1.5 O D Ò 0 ES 1.90-2.00 m PB-TPL-11-003 B 1.90-2.00 m 0 ш E-F 2.0 0 D -VD PB-TPL-11-004 2.20 145.06 MIXTURE OF Sandy GRAVEL WITH COBBLES AND BOULDERS / COBBLES: gravel is fine to coarse, poorly graded, sub-rounded, brown, sand is fine to coarse grained brown; cobbles are medium to coarse sub-rounded; with boulders of point load strength index - Is(50) ranging 6.60 to 11.00 MPa; trace non-plastic silt; Boulders is to 500 mm, sub-rounded, mostly clast supported (ALLUVIAL SOIL). 2.5 ES 2.90-3.00 m PB-TPL-11-005 B 2.90-3.00 m 3.0 3.5 М ES 3.90-4.00 m PB-TPL-11-007 B 3.90-4.00 m 4.00 143.26 -4.0Hole Terminated at 4.00 m PB-TPL-11-008 Refusal on cobbles and boulders Sidewall collapse below 3.0 m depth 4.5 Comments Checked GEM Date 9/10/2024



TPL-11-1 Test pit excavation - sidewall collapse occurring below 3.0 m below ground level



TPL-11-2 Test pit excavated spoil



Queensland Hydro Netherdale Pioneer-Burdekin Pumped Hydro Energy Storage TPL-11

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