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TEST PIT: TPUA-17

CLIENT: SMEC
PROJECT: Pioneer Burdekin PHES GI
LOCATION: Dalrymple Heights / Netherdale
JOB NO: 23117.000.001

COORDS: 660321.8 m 7667664.4 m MGA Zone 55
SURFACE RL: 915.00 m DATUM: AHD
PIT DEPTH: 1.60 m
BUCKET TYPE: Tooth Bucket

SHEET: 1 OF 1
MACHINE: 2-4t Excavator
CONTRACTOR: Twin Hills
LOGGED: BF DATE: 20/6/23
CHECKED: SF DATE: 28/6/23

Excavation				Sampling		Field Material Description					
METHOD / SUPPORT	EXCAVATION RESISTANCE	WATER	DEPTH (metres)	DEPTH RL	SAMPLE OR FIELD TEST	RECOVERED	GRAPHIC LOG	GROUP SYMBOL	MATERIAL DESCRIPTION	MOISTURE CONDITION	CONSISTENCY DENSITY
											DCP TEST (AS1289.6.3.2) Blows per 100 mm
											0 3 6 9 12 15
TB	EP		0.0	914.90	B 0.20-0.50 m Fines ($\mu\text{m}<75$) = 92% LL(%) = 54 PI(%) = 15 LS(%) = 10.0 MC(%) = 42.3 ECN = 5 MDD(t/m^3) = 1.26 B 1.00-1.30 m Fines ($\mu\text{m}<75$) = 59% LL(%) = 46 PI(%) = 17 LS(%) = 9.5 MC(%) = 30.9 ECN = 5 CBR(%) = 3.5 MDD(t/m^3) = 1.41			ML	TOPSOIL: Sandy SILT dark red brown, fine to coarse grained sand, trace fine to medium grained, sub-angular gravel	w < PL	S
	MP		0.5	914.10				MH	Clayey SILT high liquid limit, dark red brown, high plasticity clay, trace fine to coarse grained sand, trace fine to coarse grained, sub-angular gravel, sand decomposed from XW granitic cobble sized corestone (RESIDUAL SOIL)	w < PL	St
	DP		1.0	913.70				ML	Clayey Sandy SILT dark red brown, fine to coarse grained, sub-angular sand, low plasticity clay, with fine to coarse grained, sub-angular gravel, with sub-angular cobbles (EXTREMELY WEATHERED MATERIAL)	M	VSt
	PR		1.5	913.40					GRANITE fine to coarse grained, crystalline, pale brown and orange, highly to moderately weathered, very low to low strength, FeO staining on open defects.		St - VSt
			2.0						TEST PIT DISCONTINUED @ 1.60 m REFUSAL ON ROCK GROUNDWATER NOT OBSERVED BACKFILLED SAMPLES HAVE BEEN DESTROYED BY LABORATORY		

Photographs



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