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BOREHOLE RECORD

HOLE

BH11

SHEET 2

OF 4

PROJECT LANG PARK STADIUM REDEVELOPMENT

LOGGED BY PBF

DATE/S 25.10.00

CONTRACTOR SP & KF CHRISTENSEN

ANGLE Vertical

GROUND LEVEL -RL 10.4m

DRILL MODEL JACRO 350

BEARING -

LOCATION See Figure 2

MOUNTING 4x4 TRUCK

DIAMETER 50/75/100mm

DRILLING		STRATA			MATERIAL DESCRIPTION	CONDITION		OBSERVATION									
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER / MOISTURE	CONSISTENCY										SOIL ORIGIN, STRUCTURE, ETC.
	AHD	m					COHESIVE					NON COHESIVE					
							VS	SL	ST	VST	H	VL	ML	MD	VD		
					CLAY: Dark grey, high plasticity												ALLUVIAL ALLUVIAL
SPT @ 9.0m 1/2/3 N = 5		9			CLAY: Grey with some orange brown mottling, high plasticity, soft												
$\gamma_s(50) = 0.72$		10			some gravel noted												
SPT @ 10.5m 1/2/5 N = 7		11			as at 9m, some slickensided joints at 45 to 60 degrees												
	-1.20	11.60			becoming stiffer, gravel content increasing												RESIDUAL
SPT @ 12.0m 5/7/9 N = 16		12			CLAY: Grey mottled orange brown, some gravel												
	-2.30	12.70			XW PHYLLITE: Mottled orange brown and grey												XW ROCK
	-3.10	13.50															
		14															
		15															

NOTES

1) Groundwater encountered at approximately 7.5m below ground level

JOB

12215

CORED BOREHOLE RECORD

HOLE

BH11

SHEET 3

OF 4

PROJECT LANG PARK STADIUM REDEVELOPMENT

LOGGED BY PBF

DATE/S 25.10.00

CONTRACTOR SP & KF CHRISTENSEN

ANGLE Vertical

DRILL MODEL JACRO 350


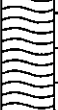
BEARING -

MOUNTING 4x4 TRUCK

DIAMETER 50/75/100mm

GROUND LEVEL ~RL 10.4m

LOCATION See Figure 2

DRILLING			STRATA		MATERIAL DESCRIPTION							DISCONTINUITIES				
CASING RUN, REC. (%)	WATER	SAMPLE TEST	R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH			FREQUENCY (per m)	SPECIFIC		GENERAL DESCRIPTION		
			AHD	m				EL	M	EH		TYPE	ANGLE	THICKNESS (mm)	Planarity, Roughness, Coating, Infill	
				9												
				10												
				11												
				12												
				13												
		Is(50) = 0.29 Is(50) = 0.3 Is(50) = 0.96		14		PHYLLITE: Dark blue grey with white foliation bands, some orange brown iron staining	DW/ SW					Jo Jo Jo Cl Jo Jo Cr Cr Cl	0 0 0 0 0 0 0 0 45	0 15 20 20 20 0 90 30 5	yellow brown clay and some crushed rock light grey brown Orange brown firm clay seam light grey brown iron stained DW rock crushed XW rock in yellow clay and some quartz	
				15		Clay seam 140mm thick	SW					Jo Jo Jo Cl Jo	0 0 0 0 0	5 90 0 2 0	DW Rock iron stained iron stained XW Rock with quartz fragments Yellow brown clay XW rock	

NOTES

- Groundwater encountered at approximately 7.5m below ground level

TYPE OF DISCONTINUITY

Jo JOINT
Be BEDDING PLANE PARTING
Fo FOLIATION PARTING
Cl CLAY SEAM
We WEATHERED SEAM
Cr CRUSHED SEAM
Sh SHEARED ZONE
Qr QUARTZ SEAM

JOB

12215

CORED BOREHOLE RECORD

HOLE

BH11

SHEET 4

OF 4

PROJECT LANG PARK STADIUM REDEVELOPMENT

LOGGED BY PBF

DATE/S 25.10.00

CONTRACTOR SP & KF CHRISTENSEN

ANGLE Vertical

DRILL MODEL JACRO 350

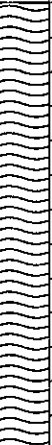
BEARING -

MOUNTING 4x4 TRUCK

DIAMETER 50/75/100mm

GROUND LEVEL -RL 10.4m

LOCATION See Figure 2

DRILLING			STRATA			MATERIAL DESCRIPTION							DISCONTINUITIES						
CASING RUN, REC. (%)	WATER	SAMPLE TEST	R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	ESTIMATED ROCK STRENGTH			FREQUENCY (per m)	SPECIFIC			GENERAL DESCRIPTION				
			AHD	m				EL	M	EH		TYPE	ANGLE	THICKNESS (mm)					
100%				17		PHYLLITE: Dark blue grey with white foliation bands, some orange brown iron staining					1				Jo	0	0	iron stained iron stained SW rock iron stained joined on one side and detached on the other (joint) orange brown clayey XW rock staggered	
												3				Jo	30		0
												10				Jo	10		0
												60				Jo	60		0
																Jo	30		0
																Jo	80		0
																Cr	10		30
																Qr	45		10
																Jo	10		0
																Jo	0		0
																Jo	10		0
				18										Cr	0	5	orange brown clayey XW rock staggered		
														Jo	0	0			
														Jo	0	0			
														Jo	45	0			
		Is(50) = 1.36	-8.35	18.75															
				19		BH11 END													
				20															
				21															
				22															
				23															



Borehole 11

13.5m - 18.75m

Box 1 of 1