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AKUI BOR					R	DREHOLE RECORD	BH-			4	SHEE	ET 1
Geo	techn	iics			- \			Di	ł	ì	OF 4	
PROJE	CT I	LANG F	PARK ST	ADIU	M REDI	EVELOPMENT		GGED BY	,	PBF		
CONTE		- CD	& KF CH) O T C	NOCH	ANGLE Vertical		TE/S ROUND LE		25.10		
1	RACTOR MODEL		RO 350	11012	INSEN	BEARING -		CATION	VEL	L ~RL 10.4m See Figure 2		
WOUN.			TRUCK			DIAMETER 50/75/100mm						
DRILL	DRILLING STRATA					MATERIAL DESCRIPTION	1	COND	OITIO	1	овя	ERVATION
				1BOL				CON	SISTE	NCY		
SAMPLE BIT, SUF	PPORT,	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER/ MOISTURE	COHEST	/E	NON OHESIV	ST	IIL ORIGIN, RUCTURE,
ET	c.	AHD	m	HOU	별		ĕŞ	VS S F ST	.			ETC.
		711.0				Clayey SAND/sandy CLAY: Brown, some glass and grave!	\vdash	> % 11 %			FILL	
		Ţ	_				1				'	•
Ţ		I]					-
·		1	-									
-		+	-1				-					-
<u> </u>		†	-				1					
SPT @ 1.5	im	1				Gravelly CLAY: Mottled orange and cream brown, high plasticty]					
3/2/4 N=6]]					-
-		4	-2				м					-
` -		+	-				- "					•
•		†	-				1					-
-		1	•]					•
]	-3			· -]					_
SPT @ 3.0 - 2/1/1 N=2)m	+	-			Heavy brown rusty soil, slag, rust, ash, and clay						
14=2		+	-				+					-
<u> </u>		†	-									•
]	-4			· -]					_
 		ļ					1					-
-		1					-					
SPT @ 4.5 3/2/2	5m	i				as at 3m	-					-
N=4		1	_				1					•
. []	-5]ww					-
		-	•	•		colour grading to dark grey to black, possibly hydrocarbons, some	-					-
}	ŀ	+				organics					.	
-			-				1					•
SPT @ 6.0	mú	1	-6			•]					-
N = 7			_									
S (50) = 0.0	04	-	-				-					
-	ŀ	+	-				-					-
78.GD -		-	-7				1					-
S (50) = 0.0	31	†]					<u>.</u>
SPT @ 7.5							w					
교 1/1/3 의 N=4 때		2.60	7.80			CLAY: Dark grey, high plasticity	-					<u> </u>
ROTES			<u> </u>		Щ	out groy) man products			+	JOB	<u> </u>	
E NOTES						makely 7 Fee below many 4 land				JUB		
FI PI	1) Groun	ngwater	encounte	red at	approxi	mately 7.5m below ground level					400	4 F
EVIES											122	75
NEHOLETTEST PIT BOREHOLE GPJ ARUP AUS GDT 11/01/01 NO N												
<u>ğ</u>												

A Kulling Seotechi	∬ nics			В	OREHOLE RECORD	но	В	H	1 1		SHEET 2	
PROJECT		.	ADIUI	M RED	EVELOPMENT		GGED	BY		PBF		
CONTRACTOR DRILL MODEL MOUNTING	SP JAC	& KF CHI CRO 350			ANGLE Vertical BEARING - DIAMETER 50/75/100mm	GF	TE/S ROUND CATIO			25.10.00 - ~RL 10.4m See Figure 2		
DRILLING		STRAT	ГΑ		MATERIAL DESCRIPTION		co	NDIT	ION		OBSERVATION	
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	HT430		SOIL TYPE Colour, Plasticity, Grain Size, Minor Components	WATER/ MOISTURE S S S COHESIVE H			COH	ION IESIVE	1	
	AHD	m	<u>o</u>		CLAY: Dark grey, high plasticity	-	<u>×</u> ∞ π	S × 3		∑	ALLUVIAL ALLUVIAL	
SPT @ 9.0m /2/3 N=5		9			CLAY: Grey with some orange brown motiling, high plasticity, soft							
s(50) = 0.72	-	10			some gravel noted	-						
SPT @ 10.5m /2/5 l=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 /7/9 I = 16	- -	12			CLAY: Grey mottled orange brown, some gravel							
	2.30	12.70			XW PHYLLITE: Mottled orange brown and gey	-					XWROCK	
	-3.10	13.50				-						
	-	14			- -							
		 - -				-						
		15				-						
		1										
NOTES 1) Gro	undwater	encounte	ered at	approx	rimately 7.5m below ground level				J	ОВ	12215	

G	eo	RU	J P	C	OI	RED BOREHOLE R	ECOR	D	·	3ł		1		SHEET 3	
PROJECT LANG PARK STADIU					ΓΑDIUI	IM REDEVELOPMENT				GED E/S	BY		PBF 25.10.00		
CONTRACTOR DRILL MODEL MOUNTING		JAC	& KF CH CRO 350 TRUCK	RISTE	NSEN ANGLE Vertical BEARING - DIAMETER 50/75/100mm			GROUND LEVEL				L ~RL 10.4m See Figure 2			
	DRII	LING	,	STRATA	:	MATERIAL DESCRIPTIO	N				D	ISC	ONTINUI	TIES	
ASING , REC. (%)	RUN, REC. (%) WATER LSSAL AMATER		R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components	WEATHERING	(pe) TYPE ANGLE							
S S			AHD	m		Millor Components	STRENGTH				THIC T	Coating, Infill			
				10											
*— 100% — 100%		s(50) = 0.29 s(50) = 0.3 s(50) = 0.96	-	14		PHYLLITE: Dark blue grey with white foliation bands, some orange brown iron staining -	DW/ SW			Jo Jo Ci Ci Ci Ci	0000000045	0 15 20 20 0 90 30 5	\light grey \Orange i light grey	some crushed rock / brown prown firm clay sear / brown ned DW rock XW rock in yellow c	
- 100%			-	15		- - -	-			Jo Cr Jo	0 0 45	5 90 0	iron stair		
100%			-	† 		Clay seam 140mm thick	sw			10 10 10 10 10 10 10 10 10 10 10 10 10 1	200000	20040 1400	XW Rock with qua Yellow b	k riz fragments rown clay XW rock	
	NOTES 1) Groundwater encountered at approximately 7.5m below ground level							TYPE OF DISCONTINUITY Jo JOINT Be BEDDING PLANE PARTING FO FOLIATION PARTING CI CLAY SEAM WB WEATHERED SEAM Cr CRUSHED SEAM Sh SHEARED ZONE OR QUARTZ SEAM				J	^{ЈОВ} 12215		

HOLE SHEET 4 **CORED BOREHOLE RECORD BH11 Geotechnics** OF 4 LOGGED BY PRE PROJECT LANG PARK STADIUM REDEVELOPMENT DATE/S 25.10.00 CONTRACTOR SP & KF CHRISTENSEN ANGLE Vertical GROUND LEVEL ~RL 10.4m JACRO 350 LOCATION DRILL MODEL **BEARING** See Figure 2 MOUNTING 4x4 TRUCK DIAMETER 50/75/100mm DRILLING STRATA MATERIAL DESCRIPTION DISCONTINUITIES GENERAL DESCRIPTION SPECIFIC WEATHERING 3 EGEND ROCK TYPE Colour, Grain Size, Structure, Minor Components REC. WATER DEPTH ESTIMATED ROCK R.L. SAMPLE ANGLE je (Planarity, Roughness, TEST STRENGTH Coating, Infill AHD m PHYLLITE: Dark blue grey with white foliation bands, some orange brown iron staining 30 ٥ 10 iron stained 60 ٥ 30 0 80 ō iron stained Jo C. 10 30 SW rock fron stained joined on one side and detached on the other (joint) 10 45 Jo 0 10 ٥ Jo Cr 0 5 orange brown clayey XW rock 0 0 staggered 0 45 ls(50) = -8.35 18.75 BH11 END 19 NOTES JOB TYPE OF DISCONTINUITY JOINT 1) Groundwater encountered at approximately 7.5m below ground level BEDDING PLANE PARTING FOLIATION PARTING CLAY SEAM Ве Fo CI We 12215 WEATHERED SEAM Cr Sh CRUSHED SEAM SHEARED ZONE QUARTZ SEAM

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Borehole 11

13.5m - 18.75m

Box 1 of 1



Project: Lang Park Redevelopment

Job No: 12215

Title: Core Box Photographs

Plate No: 4

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