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M ID II)				ноі	LE		
				E	BOREHOLE RECORD		BH	3 3	SHEET 1
Geotech	nics	1				ļ			OF 3
PROJECT	LANG I	PARK RED	DEVEI	-OPME	٠. ٢٠		GGED BY	PBF 23.11.00	n
CONTRACTOR	SP	& KF Chri	istense	ın	ANGLE Vertical	+	ROUND LEVE		
DRILL MODEL		cro 350			BEARING -	ΓO	CATION	Refer	Borehole Plan
MOUNTING	4W	VD Truck			DIAMETER 50/75/100mm	-			
DRILLING	<u> </u>	STRA			MATERIAL DESCRIPTION	ļ .	CONDIT	ON	OBSERVATION
SAMPLE, TEST, BIT, SUPPORT,	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE	WATER / MOISTURE	CONSIS	STENCY	SOIL ORIGIN,
ETC.		<u> </u>	- Roup	LEG	Colour, Plasticity, Grain Size, Minor Components	WAT	COHESIVE	COHESIVE	STRUCTURE, ETC.
	AHD	m	Ö		Asphalt		 Som p S :	≖녹→ <i></i> 통교상	
<u> </u>	14.70	0.30	<u> </u>		Gravel Road Base 300mm Gravelly/Silty CLAY: Brown to orange brown	4			PAVEMENT
		<u> </u>			Gravelly/Sitty CLAY: Brown to biange brown	1			FILL
-		<u> </u>			,	-			
†	13.80	1 1,20			ŗ .	-			j
<u> </u>		ļ .			XWPHYLLITE: Mottled orange brown and grey	1			XWROCK
SPT @ 1.5m 33 / 150mm		· ·			 	-			
N = Refusa!	.	† '			ţ ·				
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SPT @ 3.0m 8 / 17 / 20		[" '			-]			
N = 37		 			t -	-			
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COT ON A Em		† !			j				
SPT @ 4.5m 7 / 30 / 110mm N = Refusal	7	<u> </u>			increasing to strength]			
-		-5			-	-			
<u> </u>		<u> </u>			i	1			
ţ	9.45	5.55	<u> </u>		Roller bit refusal at 5.55m	-			
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NOTES					·		<u> </u>	JOB	·
1) No g	roundwate	ar encount	ered p	rior to wa	ashboring at 1.5m.				
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	<u>[</u>]	CORED BOREHOLE RECORD								BH33						SHEET 2	
5	eotechnics								OF 3					OF 3	_		
F	ROJ	ECT	LANG I	PARK RE	DEVEL	OPMENT					GGE TE/S		SY		PBF 23.11.00		
CONTRACTOR SP & KF Christense					istense						OUN			ĒĻ.			
DRILL MODEL Jacro 350 MOUNTING 4WD Truck						BEARING - DIAMETER 50/7	75/10)Omi	m	LOCATION Refer Borehole Plan							
┢	DRI	LLING		STRATA	MATERIAL DESCRIPTION							DISC	ONTINUITIE	······································	_		
					0				ξ	7	SP	SPECIFIC			AL DESCRIPTION	_	
CASING RUN, REC. (%)	WATER TEST		R.L.	DEPTH	LEGEND	ROCK TYPE Colour, Grain Size, Structure, Minor Components		WEATHERING	ESTIMATED ROCK STRENGTH	뜐		TYPE ANGLE		THICKNESS (mm)	Planarity, Roughness, Coating, Infil!		
			AHD	I III			$^{+}$	<u> </u>	<u> </u>	- mº	#	_		 -			_
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			<u>-</u>	-5		<u>.</u>	1										.
				<u> </u>			-										
100%		Is(50)=1.62				PHYLLITE; Blue grey with white quartitic foliations, and some orange brown staining	10	w			Ħ.		_		11.21.0		•
400			-	-6			-				•	°	50	2	Undulating, s	mooin	_
*						Quartz band, 70mm thick, high to very high strength	}					it	-	70	Quartz band		•
100%			_	-			-				J		70	1	Undulating		
7		ls(50)=1.17	_	- -7													-
100%				-			4				J	ا ا	30	4	Undulating		-
1							}				J	1	50	1	Undulating, s	mooth	-
100%			-]				c	1	-	10	Orange brown	n clay	
TON	ES		7.00	8.00		<u> </u>	+	TY	PE OF DISCO	NTINUIT	L Y	_1_		<u> </u>	ОВ		-
		1) No gr	oundwate	er encount	ered pr	or to washboring at 1.5m.		Jo Be	JOINT BEDDING F			ING	i				
								Fo Cl We	FOLIATION CLAY SEAM	PARTII	PARTING				12	215	
								Cr Sh	WEATHERS CRUSHED SHEARED	SEAM ZONE	avi						
								Qr	QUARTZ SI	EAM							

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Geotechnics Co						C	ORED BOREHOLE RECO	E	3 H	┨;	33	3	SHEET 3 OF 3			
.		ROJ			=!	DEVEL	OPMENT	LOGGED BY PBF DATE/S 23.11.00								
CONTRACTOR SP & KF Christense						stense	n ANGLE Vertice	al		GROU		LEVE	<u></u>			
DRILL MODEL Jacro 350							BEARING -				TION	1		Refer Borehole Plan		
MOUNTING 4WD Truck							. DIAMETER 50/75/									
	DRILLING STRATA					,	MATERIAL DESCRIPTION					DISC	ONTINUIT	ries		
١	(%)	~	m l			٥		SING		incy (in	Si	PECI	_		ERAL DESCRIPTION	
	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)	TYPE	GLE	KNES(Pla	narity, Roughness,	
	RUN	^		AHD	m] =	wind: Components	N N	ii ≥ ii			₹	THICKNESS (mm)		Coating, Infill	
ļ	Ţ						PHYLLITE: Blue grey with white quartzitic foliations	sw								
	100%			6.65	8.35			-			_	┢	ļ	<u> </u>		
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ORED BOREHOLE LANGP2.GPJ ARUP_AUS.GDT 04/01/01	NO.	NOTES								ONTINUITY	,		J	ОВ		
Ĭ		No groundwater encountered prior to washboring at 1.5m.								PLANE PA		G				
뷡	Fo CI We Cr								CLAY SEA	N PARTINO				12215		
8									CRUSHED		l					
SEE EE								Qr								



Borehole BH33

5.55m - 8.65m

Box 1 of 1



Project: Lang Park Redevelopment

Title: Core Box Photographs

Job No: 12215

Plate No: 13