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TMR.GLB Log A\_ENGINEERING BOREHOLE LOG W LITHOLOGY JINGI JINGI BH LOGS.GPJ <<DrawingFile>> Datgel CPT Tool glint Add-In 18/12/2014 13:31

## ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No	BH06						
SHEET	_1_ of _3_						
REFERENCE No	11840						

PRO	JECT	<u>J</u> i	ngi .	Jingi Cree	ek Br	idgesite Investigation						
						<u>Side</u>					СО	ORDINATES <u>287078.9 E; 7024291.3 N</u>
PROJECT No_FG6169						SURFACE R.L. 315.38m PLUNGE _						14 GRID DATUM MGA 94 Zone 56
JOB	No	_2	22/1	8C/5		HEIGHT DATUM AHD BEARING				DATE COMPLETED 1	5/6/	14 DRILLER North Coast Drilling
DEPTH (m)	R.L. (m)		/ASH BORING ORE DRILLING		SAMPLE	MATERIAL DESCRIPTION	LITHOLOGY	nsc	/EATHERING	INTACT DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA  AND TEST RESULTS  WARRED  ADDITIONAL DATA  AND TEST RESULTS
0	315.38 314.98		<b>&gt;</b> 0	REC %	S	Silty CLAY (TOPSOIL) Dark grey black, moist, soft. Medium to low plasticity. Some sand, gravel and organic matter. Silty CLAY (ALLUVIAL)		(C	- 1		9	<i>σ</i> -
- - - 1 - - - - -					Α	Dark grey, moist, soft to firm. High plasticity. Trace organic matter.		(Cl	H)			1,1,3 N=4
- - - 2 - - - - 2.40	312.98	_			В	2.00m: Becoming firm to stiff.  Sandy CLAY (ALLUVIAL)						2,3,5 N=8 N=8
- - - -3 - -					С	Grey brown, moist, very stiff. Low plasticity. Fine to medium grained sand.		(C	:L)			5,10,11 N=21 SPT -
3.80	311.58	-			D	Clayey SAND (ALLUVIAL) Pale grey brown, moist, medium dense to mainly dense. Fine to medium grained sand. Trace gravel.						10,16,19 N=35
- - - - - - - - - -					E			(Si	C)	<u>+</u>		11,14,17 N=31 SPT =
- - - - - - - - -					F					± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ± ±		5,11,22 N=33 SPT =
- 7 - - - - - - - - 7.80	307.58				G	Becoming dark brown.				<b>*</b>		10,12,14 N=26 SPT
- -8 - - - - -					Н	CLAYSTONE (J_Kk) XW: Recovered as pale grey, brown, moist, hard, silty clay. Low to medium plasticity. Some medium gravel.						11,22,30/90 SPT -
- -9 - - - -					J	9.00 - 9.50m brown, moist hard, medium plasticity.		Χ\	w	‡ ‡		30/120mm SPT
10										<u>::::::</u>		
R	EMARK			= Kumba this spec		Beds n, the load cell used does not comply with the test	 	_ od	_ red	quirements.	 	LOGGED BY MS



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# **ENGINEERING**BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No \_\_\_\_BH06 \_\_\_

SHEET \_\_2\_\_ of \_\_3\_\_

REFERENCE No \_\_\_1840 \_\_\_

PRO	JECT													
											287078.9 E; 7024291			
					SURFACE R.L. 315.38m PLUNGE								ATUM MGA 94 Zone	<u> 56</u>
JOB	No	222/1	8C/5		HEIGHT DATUM <u>AHD</u> BEARING			D	ATE COM	IPLETED	15/6	<u>/14</u> DR	LLER North Coast [	<u> Drilling</u>
DEPTH (m)	R.L. (m)	R NG H BORING DRILLING	RQD ( )%	LE	MATERIAL DESCRIPTION	LITHOLOGY	ONGER	S	INTACT TRENGTH	DEFECT SPACING (mm)	- VW - EW GRAPHIC LOG	ADDITI	ONAL DATA AND	LES
日 10	305.38	AÚGE CASIN WASH CORE	CORE REC %	SAMPLE	2200	H	USC	H	≟≖≅¬≥¤	UO W>O∑≷	EW GRAF	TEST	RESULTS	SAMPLES
- 10	305.36	1	IXEO 70	K	CLAYSTONE (J_Kk)	Ē	- -		<del></del>		:		24,30/120mm	
- - - - - - - -					XW: (Cont'd) Coulour change to pale grey cream. Low plasticity.								,	- - - - - -
- ''   -  -  -  -  -				L									22,30/120mm	SPT ]
- 12 				M			xw	<i>y</i>					30/140mm	SPT -
- - 13 - - - - -				N									30/140mm	SPT -
- - -14 - - - 14.40	300.98		(82)	Р	Colour change to yellow grey.								30/100mm	SPT -
- 15 	000.00		100 (90)		CLAYSTONE (J_Kk) HW: Pale grey, pale yellow, cream, fine grained, thickly bedded, very low to low strength. Some inclusions of dark brown iron oxide precipitate throughout.  Defects: - Js; 70° (1/m);								UCS=760kPa	UCS -
- -16 - - - - - - - - - -					Defects are generally irregular, rough, weathered and clay infilled.		HW	v					Is(50) = 0.06MPa; * Is(50) = 0.04MPa; *	D (16.34m) A (16.38m)
- - - - - 17.55	297.83		(23)										Is(50) = 0.06MPa; * Is(50) = 0.02MPa; *	D <sub>(17.20m)</sub> A <sub>(17.24m)</sub>
- 18 - 18 			100 (0)		CLAYSTONE (J_Kk) XW: Recovered as grey white with dark brown patches, dry, hard, silty clay. Low plasticity. Dark brown iron oxide precipitae throughout.		xw	<i>y</i>					In(EQ) = 0.00MDc : *	
- - - - -										-: : : : : : : : : : : : : : : : : : :		_ 19.80m-20.00m. HW Sandstone	Is(50) = 0.02MPa; * Is(50) = 0.02MPa; * Is(50) = 0.11MPa; * Is(50) = 0.07MPa; *	A <sub>(19.20m)</sub>
20		O I KI	= Kumba	rilla	Reds		1			<u> </u>	<u>:  ::</u>	HW Sandstone	Is(50) = 0.07MPa; *	A <sub>(19 84m)</sub>
К	KEIVIAKK				n, the load cell used does not comply with the test	– – meth	— – nod r	eau	rements			-	MS	
					., with the test			<u> - 4u</u>				-		



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## ENGINEERING BOREHOLE LOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM F:GEOT 017/8-2014

BOREHOLE No	BH06
SHEET	_3_ of _3_
REFERENCE No	11840

PRO	ROJECTJingi Jingi Creek Bridgesite Investigation												
LOC	OCATION <u>Pier 4 - Right Hand Side</u> COORDINATES <u>287078.9 E; 7024291.3 N</u>										<u>.3 N</u>		
PRO	JECT No	_FG61	69		SURFACE R.L315.38m PLUNGE _			DATI	E ST	ARTED 1	<u>1/6/</u>	14 GRID DATUM <u>MGA 94 Zone</u>	<u> 56</u>
JOB					HEIGHT DATUM <u>AHD</u> BEARING _								
	R.L.	,,O	RQD					INTACT		DEFECT		ADDITIONAL DATA	
DEPTH (m)	(m)	R IG I BORING DRILLING	()%		MATERIAL	<u>}</u>		STRENG	IH	SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA	
PTH		IR NG HBOI		밀	DESCRIPTION	LITHOLOGY					HIC	AND	SAMPLES
<u> </u>	295.38	AUGE SASIP VASIP SORE	CORE REC %	SAMPLE		Ħ	USC	HH		0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	SRAF	TEST RESULTS	SAMPLE
20	295.38		100	0)		Ė	XW		1			lense, fine grained, low strength.	- O
20.20	293.10		100		Borehole terminated at 20.2m		7						-
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17	V=1811/41/4/					— — meth	nod r	eguiremen				MS	
* For this specimen, the load cell used does not comply with the test method requirements.													