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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	BH11
SHEET	_1_ of _3_
REFERENCE No	11845

	JECT ATION					idgesite Investigation									 287024	.5 E; 7024317	 .1 N
	ATION <u>Pier 10 - Left Hand Side</u> COORDIN JECT No <u>FG6169</u> SURFACE R.L. <u>315.23m</u> PLUNGE DATE STARTED <u>29/6/14</u>																
JOB																North Coast I	
DEPTH (m)	R.L. (m)	R VG VG VG VG VG VG VG VG VG VG VG VG VG	DRILLING	RQD ()%		MATERIAL DESCRIPTION			USC	INTACT	DEF	FECT ACING nm)	GRAPHIC LOG		TIONAL I	DATA	'LES S
0	315.23	AUGE CASII	CORE	CORE REC %	SAMPLI			H	USC WEA	ᄪᆃᄑᄝᄀᆿᇳ			GRAF	TES	ST RESU	LTS	SAMPLES
-						Silty CLAY (TOPSOIL) Dark brown, black, moist, soft. plasticity. Some sand, gravel at matter.	Low		(CI)								
- - -1 - - - - -					A	Silty CLAY (ALLUVIAL) Dark grey, moist, stiff to very st High plasticity.	iff.		(CH)							3,5,8 N=13	SPT :
- 2 - 2 2.50	312.73	4			В											7,12,15 N=27	SPT -
- - - -3 - -					С	Clayey SAND (ALLUVIAL) Grey, brown, moist, dense. Fine to medium grained sand. Trace gravel. 3.00m high content of clay.										11,12,20 N=32	SPT -
-4					D				(SC)							15,20,26 N=46	SPT -
- 5 	309.43				Е											10,15,16 N=31	SPT :
- 6 - - - - -					F	Silty CLAY (ALLUVIAL) Dark brown, moist, very stiff. Low plasticity.			(CL)							5,8,12 N=20	SPT :
6.90 - 7 - - - - - - - - - - - - -	308.33				G	Clayey SAND (ALLUVIAL) Brown, moist, dense. Fine to medium grained sand.			(SC)							14,21,26 N=47	SPT =
- 8 8 	301.10				Н	CLAYSTONE (J_Kk) XW: Recovered as grey, pale be moist, hard, silty clay. Low to medium plasticity.	rown,									19,18,29 N=47	SPT :
- - - - - - - - - - - - - - - - - - -					J				XW						10,	25,30/120mm	SPT -
REMARKS J_Kk = Kumbarilla Beds * For this specimen, the load cell used does not comply with the test method requirements.										L	OGGED BY						



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ENGINEERING BOREHOLE LOG

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

BOREHOLE No	BH11
SHEET	_2_ of _3_
REFERENCE No	11845

SURFACE RL 315,23m PLUNGE DATE STARTED 29,814 GRID DATUM MGA,94,23m 29,804 DATE COMPLETED 30,614 DRILLER North Coast Drill	PROJECT	_Jingi_	Jingi Cree	ek Br	idgesite Investigation							
108 No	LOCATION	ATION <u>Pier 10 - Left Hand Side</u> COORDINATES <u>287024.5 E; 7024317.1 N</u>										
RIL	PROJECT N	o <u>FG61</u>	<u>69</u>		SURFACE R.L. <u>315.23m</u> PLUNGE _			DATE S	14 GRID DATUM MGA 94 Zone	<u> </u>		
MATERIAL DESCRIPTION Recomming white, pale yellow, pale pink, dry, hard, silly sandy dray. Low platicity. Some HW Claystone/Sandstone zones. Some HW Prock Tragments. HW Sandsmore/Claystone Very low to low everygin. 14 20m; Becoming white, pale yellow, pale pink, dry, hard, silly sandy dray. Low platicity. Some HW Claystone/Sandstone zones. HW Sandsmore/Claystone, Very low to low everygin. 100	JOB No <u>222/18C/5</u>				HEIGHT DATUM AHD BEARING			DATE COM	IPLETED 3	0/6/	14 DRILLER North Coast [<u> Drilling</u>
CLAYSTONE (J, Kk) N 9,16,23 N 13,19,29 Colour change to white, pale grey. Mainly low to medium plasticity. 13,19,29 N 16,30130mm 3 N 16,30130mm 3 N 16,30130mm 3 N 16,30130mm 3 N 16,30130mm 3 N 16,30130mm 3 N 16,30130mm 3 N 16,30130mm 3 N 16,30130mm 3 N 16,30130mm 3 N 16,30130mm 3 N 16,30130mm 3 N 16,30130mm 3 N 16,30130mm 3 N N 16,30130mm 3 N N N N N N N N N	(m) (m)	AUGER CASING WASH BORING CORE DRILLING	()%	SAMPLE		LITHOLOGY	USC			GRAPHIC LOG	AND	SAMPLES
14	- 10 303.23	1	1120 70		CLAYSTONE (J_Kk)		- 1-				9.16.23	-
13, 19,29 Ns-48 N 16,30/130mm 3 14,20m; Becoming white, pale yellow, pale pink, dry, hard, sity sandy day. Low pasticly Same HW rock fragments. HW 15,10m-15,20m; HW 15,10m-15,20m; HW 10 low strength. WW 15,10m-15,20m; HW 15,	- - - - - -			K	Colour change to white, pale grey.						N=39	SPT]
14.20m: Becoming white, pale yellow, pale pink, dry, hard, slifty sandy clay. Low plasticity. Some HW Claystone/Sandstone zones. Some HW rock fragments. HW UCS=345kPa 18.10m-18.40m: HW Sandstone/Claystone Very low to low strength. 18.10m-18.40m: HW In Sandstone Claystone Very low to low strength. 19.50 = 0.10MPa; Description of the part of the pa	11 			L							13,19,29 N=48	SPT :
14.20m: Becoming white, pale yellow, pale pink, dry, hard, silty sandy clay. Low plasticity. Some HW Claystone/Sandstone zones. Some HW rock fragments. 15.10m-15.20m: HW Sandstone Claystone. Very low to low steragin. 17.	- 12 - - - - -			M			ΥW				16,30/130mm	SPT]
14.20m: Becoming white, pale yellow, pale pink, dry, hard, slity sandy clay. Low plasticity. Some HW Claystone/Sandstone zones. Some HW rock fragments. HW 15.10m-15.20m: HW Sandstone/Claystone. Very low to low strength. UCS=345kPa W HW 18.10m-18.40m: HW Sandstone/Claystone. Very low to low strength. Isom-15.20m: HW Sandstone/Claystone. Very low to low strength. Isom-16.20m: HW Sandstone/Claystone. Very low to low strength. Isom-18.40m: HW Sandstone/Claystone. Very low to low strength. Isom-18.40m: HW Sandstone/Claystone. Very low to low strength.	- - - - 13 - -			N			AVV				30/140mm	SPT -
pink, dry, hard, silfty sandy clay. Low plasticity. Some HW Claystone/Sandstone zones. Some HW rock fragments. HW 100 XW UCS=345kPa 45.10m-15.20m: HW Sandstone/Claystone. Very low to low strength. UCS=345kPa INDEX INDE	- - - - - - 14											-
HW Sandstone/Claystone. Very low to low strength. UCS=345kPa U	- - - - - - - - - -				pink, dry, hard, silty sandy clay. Low plasticity. Some HW Claystone/Sandstone zones.						15.10m-15.20m: HW	-
The strength of the strength o	- - - - -		100	×			HW				Sandstone/Claystone. Very low to low	-
93 (20)	— 16 - - - - - -						xw				UCS=345kPa	UCS -
HW Sandstone/Claystone. Very low to low strength. 18.10m-18.40m: HW Sandstone/Claystone. Very low to low strength. Is(50) = 0.10MPa; * Is(50) = 0.06MPa; * A	- 17 - - - - - -											-
[19]	- - - - - - - -	П					HW			::	Sandstone/Claystone. Very low to low	- - - - -
			100				xw				Is(50) = 0.10MPa; * Is(50) = 0.06MPa; *	D (18.64m)- A (18.72m)-
REMARKS J_Kk = Kumbarilla Beds * For this specimen, the load cell used does not comply with the test method requirements. LOGGED BY MS												



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	BH11
SHEET	_3_ of _3_
REFERENCE No	11845

PRO	ROJECT Jingi Jingi Creek Bridgesite Investigation											
LOC	DCATION Pier 10 - Left Hand Side COORDINATES 287024.5 E; 7024317.1 N											
PROJECT No <u>FG6169</u> SURFACE R.L. <u>315.23m</u> PLUNGE DATE STARTED <u>29/6/14</u> GRID										14 GRID DATUM MGA 94 Zone	<u> </u>	
JOB No <u>222/18C/5</u> HEIGHT DATUM <u>AHD</u> BEARING												
(E	R.L. (m)	R IG I BORING DRILLING	RQD ()%		MATERIAL		٣	INTACT STRENGTH	DEFECT SPACING (mm)	90	ADDITIONAL DATA	
DEPTH (m)		3 BOR DRIL		ш		LITHOLOGY	1 1 1		(mm)	GRAPHIC LOG	AND	S
DEP	295.23	IGER SINC SSH I	CORE	SAMPLE	DESCRIPTION	걸	S F	 EE	UO (=>>>	× APH	TEST RESULTS	SAMPLES
20	295.23	₩	REC %	S		5	USC			9		
20.20		' '	100		CLAYSTONE (J_Kk) XW: (Cont'd)	=	XW				Is(50) = 0.06MPa; * Is(50) = 0.03MPa; *	D _(20.10m) - A _(20.15m) -
					Borehole terminated at 20.2m	1			Ī:::::::::::::::::::::::::::::::::::::		()	20.1511)_
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* For this specimen, the load cell used does not comply with the test method requirements.									-			