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: SOUTH EAST TRANSIT PROJECT - SECTION 1

PROJECT

# ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM BQF 075:191/95

BOREHOLE	No	:	102								
SHEET		:	1 OF 3								
REFERENCE	No		н8248								

LOCA	TION	:2	2066.85	7E	164644.536N									
PROJ	ECT NO : C60128 SURFACE R.L. : 4.14 DRILLER : DALY BROTHERS PTY LTD													
ЈОВ		: DATUM : AHD DATE DRILLED : 25/3/9									73/98			
									· 					0000
Ê	R.L.	g	RQD				INTA		DEFECT		7.	DDITIONAL	DATA .	
E _	R.L. (m)	<u> </u>	( )%		HATERIAL		STRE	NGTH	SPACING (mm)	507		DDITIONAL	DATA	
DEPTH			}	щ					\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \			AND		ES
Ы			CORE	SAMPL	DESCRIPTION	o F	S I		000 000 000 000 000 000	GRAPHIC		TEST RESUI	JTS	SAMPLES
0	4.14	<u>₹88</u> 56	REC%	SA		Sn.		:⊠⊸⊳ ↓↓↓↓	88888					SA
					FILL Dark brown moist soft, a mixture of gravels and silt and clay.							on the to		-
-1					(Probable engineered type fill)	GC			†					-
	2.64												1,2,1 N=3	SPT
-					SILTY CLAY		TII							
- - 2				#85%;	Pale grey to brown grey, moist firm to stiff; low to medium plasticity; freque- nt orange brown mottled and iron concre- ted zones throughout; some friable, fis- sured and cubic structures decreasing						Mr- 27 7	p 7. un - 2 0	PSu=154kPa	
-					sured and cubic structures decreasing with depth;  (Probable alluvial type material).				+ + - -		C = 12.0	; 24.0°DE	PSu=154kPa ; DD= 1.57 G.	U48 -
:					triobable attaviat type materialy.				<u> </u>					=
-3							: :	-	$\mathbb{F}[i]$				PPSu=90kPa i	
- 1								-	‡		LL= 59.0	; PI= 36.	PPSu=90kPa 6; LS=14.0	U48 -
- 1							1	HE	<u> </u>					=
:	0.25			Ш					:		19/05/9	8		' ]
-4							: 11		<del>[</del> : : : :		Friablec	8 1& fissur		
:			j						‡::::I		clay.		3,3,6 N=9	SPT _
-									<u> </u>				,	
:				H				-	‡!!!!!!					
:				$\  \cdot \ $				-	‡!!!!!!					
- 5									<b>7</b>			Pi	PSu=119kPa	4
:							E		‡!!!!!		LL= 69.2	; PI=44.0	; LS =17.4	υ48
-		1							Hiiiil					
						CL	8 20		$\pm$					]
									£		Slightly	fissured	clay.	
: "						İ			‡∷∷∷				2,3,5 N=8	SPT
:								1 1 1	‡!!!!!!				N=8	SF 1
-								: : [-	‡∷∷∷					-
.		1							Ŧ:::::					]
7				,					<del>[</del> ::::::					
									‡		C=24,0;	): PI= 26.4	PPSu=98kPa 4, LS=13.3 5; DD=1.48	U48 -
_						ĺ			<u> </u>		MC= 32.1	; WD =1.9	5; DD=1.48	
:						İ			‡!!!!!!!					
									‡!!!!!					
8				***				1 -	Ŧ:::::I		Vertical	vellow	3 3 5	[[]
						1			<u> </u>		Vertical sheared	zones.	3,3,5 N=8	SPT
-				Second				HE	#					
:								-	‡!!!!!!				-	
9									‡!!!!!!					
:								:	‡!!!!!			Pi	PSu=109kPa .	
								<del> </del>	<u> </u>			•		U48 -
[								HE	Ŧijijij				1	]
10								-	‡!!!!!					
	MADICA	1 1 1	1				1::		<u> </u>			-	OGGED BY	
KE	MARKS	1500				•••••	•••••	•••••					Diss	



# ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM BQF 075:191/95 BOREHOLE NO: 102

SHEET: 2 OF 3

REFERENCE NO: H8248

PROJECT LOCATION			164644.536N				•		
PROJECT No			surface r.l.: 4.14			DE	RILLER	: DALY BROTHERS PTY LTD	·····
JOB No	:		DATUM : AHD			DATE DE	RILLED	: 25/3/98	
(E) (E) (E)	AUGER CASHE DRILLING CASHE DOTHER SOOTHER SEC	*	MATERIAL DESCRIPTION	THERING	INTACT STRENGTH	DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA	SAMPLES
10 -5.86	NEC SEC	1 100		USC WEA	莊·z	88888	GRAF	TEST RESULTS	SAMPLI
-11			SILTY CLAY (same as above.).					3,4,7 N=11	\$P1 -
-12								3,3,5 N=8	SPT :
-14								4,5,5 N=10	U48 -
-15			SANDY CLAY Drak brown to red brown moist to wet, firm.	CL				1,3,3 N=6	SPT :
- 16 16			SILTY CLAY Brown moist stiff.					4,6,7 N=13	SPT :
-13.36			SANDY SILTY CLAY						U48 -
-18 -14.36	1		Grey brown to orange brown, moist stiff. Interfingered sand & silty clay layers; sandy layers - orange brown; silty clay layers - grey brown.  SILTY CLAY					5,7,7 N=14	SPT
- 19									U48 -
REMARKS								LOGGED BY	
(c) State (	of Queenslan	d (Der	partment of Transport and Main Roads) 2020, CC BY 4.0	) Ple	ase note co	novright and	 I limitatio	Diss on of liability notices on attached co	over page



# ENGINEERING BORELOG

FOR GEOTECHNICAL TERMS AND SYMBOLS REFER FORM BQF 075:191/95

BOREHOLE No: 102

SHEET: 3 OF 3

REFERENCE NO: H8248

PROJ	ECT	;	SOUT	H E	AST	TRANSIT PROJECT - SECTION 1									
LOCA	TION		: 2066.857E 164644.536N												
PROJ	ECT No		: C60128 SURFACE R.L.: 4.14 DRILLER: DALY BROTHERS PTY LTD												
JOB		:									DRI	LLE	ED: 25	/3/98	
							T 1	_			_				2425
(E)	R.L. (m) -15.86	စ္	R	מכָ					VTACT	DEFECT SPACING			AT	DITIONAL DATA	
	(m)	] =	(	) %		MATERIAL	1	ກ (S)	RENGIII	(mm)		ğ			
THE !		్డ్రా	œ		삘	THE STATE OF THE S	USC			, ,		GRAPHIC LOG		AND	SAMPLES
△		왕병		ORE EC%	SAMPLE	DESCRIPTION	SC		₹⊤≥¬₹	88888		AP		TEST RESULTS	SAMPL
20	-15.86	₹00	0		Ø,	<u> </u>		1	<del> </del>	1111	4	ত			Ø F
-	-16.11					SILTY CLAY (same as above).	CL	1			+			3,5,6 N=11	SPT ]
-						ARGILLITE (rock definition in remarks) XW : Generally exhibits engineering pro-								4-11	
-						perties of grey brown to blue brown, moist, stiff to very stiff silty clay.					-				
						moist, stiff to very stiff silty clay.	XW								-
-21										Filiii				2.10.20	PDT 7
-														2,10,20 N=30	SPT
- - -	-17.46							4		711111	. ļ.				_
-						The :									
- - 22			4			Grey brown to blue grey rock kernels and corestones in grey brown silty clay				Hilli					
						matrix.			1					35,30/60 N=>60	SPT
-					استما										
-								1							
-															
- 23							HW								]
-															
-								1							=
-															
- 24															-
-															]
-	-20.46							1							
-	20.40					SW :		+			†-				
-						Dark grey to blue grey. Occasional red- brown iron staining only along defects; Polished, slikensided and minor secondary mineralization along foliation			-					Is(50)=1.40MPa	[ x
- 25						prown iron staining only along defects; Polished, slikensided and minor								,	]
-						secondary mineralization along foliation partings.								Is(50)=1.39 <b>MP</b> a	x =
-										-					-
-				0%)		Defects : Major - FP <20 deg. (20/m) Minor - 60 deg. (1/3m)									
-26			1	00		Minor - 60 deg. (1/3m) - 80-90 deg. (1/3m)	SW			- L				To/501-0 61MDo	, -]
														Is(50)=0.61MPa Is(50)=0.62MPa Is(50)=2.76MPa Is(50)=0.66MPa	X -
_														Is(50)=0.66MPa	× ±
-									<u> </u>	ا ال	X	XXX			
- 25									E		*	₩	Highly b	roken zone.	l 3
- 27 -			(4	2%)							×	<b>※</b>	mighty 2	ORGIT EDITOR	
	-23.26		9	3	in an			4			×	<b>XXX</b>			
-						END OF HOLE									=
									]						
-28															-
-															
-															
															]
- - 29															
-															
-										EHH					3
- 30															]
	MADY.C		DAT.	·. t		DARK GREY TO BLUE GREY FINE GRAINED FOLIA	The state of the s	Name of	TA CENT	MENIN DU	<u>-</u>			LOGGED BY	
R.E	MARKS	: 4	T.C.			NAVE CENT IN DURE GEST LINE GENTUED LODI'S		Die St	TUBBLI	T ARLE				POSSED BI	

ROCK. BEDDING <25 DEGREES. OCCASIONAL CONCORDANT QUARTZ VEINS.

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