

COPYRIGHT NOTICE

This geotechnical log and its associated data (the Document) is licensed by the Queensland Department of Transport and Main Roads under the [Creative Commons Attribution 4.0 Licence](#) (CC BY 4.0). When reusing the Document, in whole or in part, please attribute the Department as follows: "*(c) State of Queensland (Department of Transport and Main Roads) 2020, licensed under the CC BY 4.0 Licence*". This licence does not apply to the Queensland Government logo or trademarks.

LIMITATION OF LIABILITY

The CC BY 4.0 Licence contains a comprehensive Disclaimer of Warranties and Limitation of Liability. In addition, please note that this Document was prepared for Departmental use only. Reuse of the Document by anyone for any other purpose could result in error and/or loss. You should obtain professional advice before making decisions based on the contents of the Document.

When reproducing any part of this Document, you must also reproduce this limitation of liability notice in addition to the italicised attribution statement above.

Retrieved from the Queensland Geotechnical Database <http://qgd.org.au/>



ENGINEERING BORELOG

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

BOREHOLE No :	127
SHEET :	1 OF 1
REFERENCE No :	H8194

PROJECT : SOUTH EAST TRANSIT PROJECT- SECTION 1
 LOCATION : 2510.801E 163711.656N
 PROJECT No : C60128 SURFACE R.L. : 15.24 DRILLER : DALY BROTHERS PTY LTD
 JOB No : DATUM : AHD DATE DRILLED : 15/1/98

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE CASING OTHER	RQD (%)	CORE REC%	SAMPLE	MATERIAL DESCRIPTION	INTACT STRENGTH					DEFECT SPACING (mm)	GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS		
							USC	WEATHERING	EH	VT	IL					ML	VL
0	15.24					FILL Mainly consisting firm to stiff moist fine to medium coal ash and gravelly silty clay. (Probable engineered type fill).											
1																	
2	12.94																
3						PHYLITE GREY GREEN TO BLUE GREY MEDIUM TO COARSE GRAINED FOLIATED METASEDIMENTARY ROCK. COARSE GRAINED CONCORDANT AND DISCORDANT QUART VEINS; FOLIATION PLANE 50-70 DEG. XW : Generally exhibits engineering properties of orange brown to brown, moist gravelly sandy silty clay. Frequent cobble to pebble size particles.											
4	11.49					HW : Brown to green brown core stones & rock kernals in minor silty clay matrix.											
5	11.14					MW : Grey brown to orange brown. Red brown ironstaining mainly concentrated to defects. High strength quartz veins : Concordant - Common & up to 20mm. Discordant - Occasional & up to 40mm.											
6			(36%)	100		Defects : Major - Joints 30-40 deg. - Fractures <20 deg. Minor - Joints at 70 deg.											
7	8.29		(60%)	100													
7						END OF HOLE											
8																	
9																	
10																	

REMARKS : Please refer attached list for defect descriptions.

LOGGED BY
DISS

DEFECT DESCRIPTIONS OF BORELOGS

[FOR GEOTECHNICAL TERMS AND SYMBOLS

REFER FORM BQF 075:191/95]

BOREHOLE NO : BH127

SHEET : 1 of 1

REFERENCE NO : H8194

PROJECT : SOUTH EAST TRANSIT PROJECT - SECTION 1

LOCATION : 2510.801E 163711.656N

PROJECT NO : C60128

SURFACE R.L. : 15.24

DRILLER : DALY BROTHERS P/L

JOB NO :

DATUM : AHD

DATE DRILLED : 15/01/98

DEPTH	DEFECT TYPE	APPROX. DIP ANGLE (deg°)	PLANARITY	ROUGHNESS	APERTURE	WALL ALTERATION	OTHER
4.24	Fr	<10	Ir	R	O	PW	
4.33	Fr	<10	Ir	R	O	PW	
4.39	Fr	<10	Ir	R	O		
4.49	Fr	20	Ir	R	O	PW	
4.60	J	40	P	St	O	PW	
4.65	Fr	30	Ir	R	T		
4.9	Fr	<10	Ir	R	O		
5.12 -5.35							HFBZ
5.4	J	30	P		T	CFeSt	
5.5	J	70	P	Sm	T	CFeSt	
5.54	J	70	P	Sm	O	CFeSt	
5.6	J	30	P	Sm	O	CFeSt	
5.64	J	30	P	Sm	T	PFeSt	
5.76	J	30	I	R	T	CFeSt	
5.90 -5.96							Discordant QZ
6.14	J	30	I	R	O	CFeSt	
6.28	J	30	P	S	T	CFeSt	
6.3 - 6.43			Cu				Curved QZ
6.5	J	30	P	St	T	CFeSt	
6.59	J	30	P	Sm	O		
6.8	J	30	St	Sm	O	CFeSt	

Abbreviations

ROUGHNESS		WALL ALTERATIONS		TYPE		OTHER	
R	Rough	FeSt	Iron Stained	J	Joint	P	Partly
Sm	Smooth	W	Weathered	B	Bedding	QZ	Quartz Vein
SL	Slickensided			FP	Foliation Parting	Co	Completely
				Fr	Fracture	In	Incipient
				SZ	Sheared Zone	SI	Sand Infill
PI	Planar	C	Closed	WS	Weathered Seam	H	Horizontal
St	Stepped	O	Open	CZ	Crushed Zone	V	Vertical
Un	Undulating	F	Filled	SM	Secondary Mineralisation	CI	Clay Seam
Cu	Curved	T	Tight	BZ	Broken Zone	Cn	Clean
Ir	Irregular			HFZ	Highly Fractured Zone		

NOTE: This sheet should be read in conjunction with appropriate Engineering Borelog.

SOUTH EAST TRANSIT PROJECT
SECTION ONE

HOLE 127
START 4.10
END 6.95
H 8194
1 OF 1
JAN 1998
C60128

