

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 :	116
SHEET :	1 OF 2
REFERENCE No :	H8185

PROJECT : SOUTH EAST TRANSIT PROJECT-SECTION 1
 LOCATION : 2247.245E 164159.364N
 PROJECT No : C60128 SURFACE R.L. : 5.40 DRILLER : DALY BROTHERS PTY LTD
 JOB No : DATUM : AHD DATE DRILLED : 7/1/98

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CORE CASING OTHER	RQD (%)	CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH				DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
								EH	VM	HM	VL	20	80	200	600			
0	5.40					FILL Pale grey brown to dark brown, moist, firm to very stiff, a mixture of gravel sand, silt and clay. (Generally grains<silty clay matrix). Frequent concrete fragments, coal ash gravel size rock fragments & asphalt zones. First 100mm concrete slab; then silty clay layer up to 200mm. (Probable engineered type fill)	GC											
1																11,6,3 N=9	SPT	
2																C(kPa)=57.0 MC%=27.0 WD=1.98;DD=1.56 PPSu =165kpa Friction=2.50deg	U48	
3																WD=2.12;DD=1.76 MC%=20.0 PPSu =227kpa	U48	
4																4,4,3 N=7	SPT	
5	0.40					SILTY CLAY Dark grey to black, moist, firm to stiff frequent organic particles/peaty materials; medium to high plasticity. (Probable younger type alluvium)	OH											
6																PPSu =45kpa WD=1.70;DD=1.10 MC%=53.2	U48	
7																PPSu =35kpa WD=1.62;DD=1.02 MC%=60.6	U48	
8																PPSu =61kpa WD=1.56;DD=0.92 MC%=71.0	U48	
9																PPSu =25kpa WD=1.42;DD=0.72 OC%=14.0 MC%=98.6	U48	
10	-4.25					GRAVELLY SILTY CLAY -Dark grey to black, wet, firm to stiff; feldspar and other rock fragments.	OH								PPSu =26kPa WD=1.56;DD=0.90 MC%=73.8	U48		

REMARKS : PHYLLITE : GREEN GREY TO BROWN GREY MEDIUM TO COARSE GRAINED FOLIATED METASEDIMENTARY ROCK. FOLIATION PLANE 40-60 DEG. CONCORDANT & DISCORDANT QTZ

LOGGED BY
DISS



ENGINEERING BORELOG

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

BOREHOLE No :	116
SHEET :	2 OF 2
REFERENCE No :	H8185

PROJECT : SOUTH EAST TRANSIT PROJECT-SECTION 1
 LOCATION : 2247.245E 164159.364N
 PROJECT No : C60128 SURFACE R.L. : 5.40 DRILLER : DALY BROTHERS PTY LTD
 JOB No : DATUM : AHD DATE DRILLED : 7/1/98

DEPTH (m)	R.L. (m)	AUGER CORE DRILLING CASING OTHER	RQD (%) CORE REC%	SAMPLE	MATERIAL DESCRIPTION	USC WEATHERING	INTACT STRENGTH					DEFECT SPACING (mm)				GRAPHIC LOG	ADDITIONAL DATA AND TEST RESULTS	SAMPLES TESTS
							EH	VH	H	M	LV	20	60	200	600			
10	-4.60				GRAVELLY SILTY CLAY As above..													
11						OH											3,4,5 N=9	SPT
12	-6.35				PHYLITE XW : Exhibits engineering properties of orange brown to green brown, moist, hard sandy silty clay. Medium to coarse grained sand.	XW											7,18,30/100=>50	SPT
13			(100) 100		HW : Grey brown to orange brown; frequent core stones and rock kernels in sandy silty clay matrix; Frequent medium to coarse grained quartz bands. Medium to coarse sand in matrix. Defects: Mainly foliation partings.												Quartz layer.	
14			(12%) 12			HW											Quartz layer.	
15	-9.50		(12%) 12															
15					END OF HOLE													
16																		
17																		
18																		
19																		
20																		

REMARKS : VEINS ARE PRESENT.

LOGGED BY
DISS

SOUTH EAST TRANSIT PROJECT
SECTION ONE

HOLE 116
START 12.55
END 14.90

H 8185
1 OF 1
JAN 1998

C60128

