

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 and author as follows: "*(c) State of Queensland (Department of Transport and Main Roads) 2020, licensed under the CC BY 4.0 Licence, prepared by Arup*". 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/>

This log has been contributed to the Queensland Geotechnical Database with the permission of Arup.

CLIENT	DMR	LOGGED BY	ACS
PROJECT	IPSWICH MOTORWAY UPGRADE - WACOL TO DARRA	CHECKED BY	GWB
		DRILLED DATE	02-Oct-07
CONTRACTOR	Terratest	ANGLE	Vertical
DRILL MODEL	Edson 3000	BEARING	-
DRILLER	Brent Ormsby	HOLE DIAMETER	100mm ()
		GROUND LEVEL	RL 12.56m
		LOCATION	31134 E 149522 N
		ELEVATION DATUM	Australian Height Datum
		COORDINATE SYSTEM	Local Grid

DRILLING	STRATA		GROUP SYMBOL	LEGEND	MATERIAL DESCRIPTION	WATER/MOISTURE	CONDITION										OBSERVATION				
	SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.					DEPTH	SOIL TYPE	Plasticity / Grain Size, Colour, Minor Components	CONSISTENCY										SOIL ORIGIN, STRUCTURE, ETC.	
		m					m			COHESIVE	NON COHESIVE										
						VS	S	L	ST	VST	H	VL	L	MD	D	VD					
			SW		SAND (SW) very loose, fine to coarse grained, grey, with a trace of rootlets.	D-M												NONCO			
				 1.00 grey mottled light brown																
			SP		SAND (SP) very loose to loose, fine to medium grained, light brown, with a trace of quartz gravel, fine grained, sub-angular.	W												NONCO			
				 2.00 grey-black																
				 2.50 with silt and a trace of clay (CL)																
			SP		SAND (SP) medium dense, fine to coarse grained, grey-black, with silt and a trace of clay, low plasticity.													NONCO			
			CL		Sandy CLAY (CL) soft to firm, grey, sand fine to coarse grained, with a trace of gravel, fine grained, sub-rounded.													COHES			
			SP		SAND (SP) medium dense, fine to coarse grained, grey with a trace of gravel, fine grained, sub-rounded.													NONCO			
			SP		SAND (SP) medium dense, fine to coarse grained, grey, with fine gravel, fine grained, sub-rounded, with silt and a trace of clay.													NONCO			
			CL		Sandy CLAY (CL) very stiff, grey, sand fine grained, with a trace of gravel, fine grained, sub-rounded.													COHES			
			SP		SAND (SP) medium dense, dense, then very dense, fine to coarse grained, grey, with fine gravel, fine grained, sub-rounded, with silt and a trace of clay.													NONCO			
				 7.95 trace of gravels coarse grained, sub-angular																
				 8.30 rods vibrating to 8.5m, probable gravel band, fine grained, sub-angular to sub-rounded																

NOTES	Hole Diameter 100mm to 16.50m depth. (Solid Flight Augering to 3m. HW casing to 4.5m. HQ casing to 12m. Washboring with 100mm diameter tri-blade bit from 3m to 12m, 75mm diameter tri-blade bit from 12m to 16.5m. Groundwater below 1.65m.)	JOB	86015
	Hole collapsed at 16.5m by 1.5m		

gINT v8.1.013. Licensed to ARUP
 Project : j:\68000\86015\test\m\geotechnics\gint\master_w2d\14.12.07.gip
 Library : j:\68000\86015\test\m\geotechnics\gint\library\Aus_library\12_04.10.007.glb
 Log : 1.0.1 AUSTRALIA GENERAL BOREHOLE LOG (rev 12Dec07 checked AB/ACP Feb 2006)
 gINT output page 1 of 2. Made 22Jan08 10:50

