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# ARUP

# BOREHOLE RECORD

HOLE

SHEET 1

**T-BH07**

OF 3

CLIENT	Port of Brisbane Pty Ltd	
PROJECT	Port Drive Upgrade	
CONTRACTOR	Hydrapower Scout	ANGLE Vertical
DRILL MODEL	Douglas Partners	BEARING -
DRILLER		HOLE DIAMETER 75mm (W)

LOGGED BY	Kieran Toon
CHECKED BY	Jon Gerig
DRILLED DATE	30-Aug-16 to 31-Aug-16
GROUND LEVEL	RL 4.13m
LOCATION	516343 E 6968754 N
ELEVATION DATUM COORDINATE SYSTEM	

DRILLING	STRATA				MATERIAL DESCRIPTION  SOIL TYPE Plasticity / Grain Size, Colour, Minor Components	WATER / MOISTURE	CONDITION										OBSERVATION		
	SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	GROUP SYMBOL			LEGEND	COHESIVE					NON COHESIVE					SOIL ORIGIN, STRUCTURE, ETC.	
		mAHD	m					VS	SL	ST	VST	H	VL	LD	VD	SOIL ORIGIN, STRUCTURE, ETC.			
J 0.0-0.2	4.03	0.10			Clayey SAND fine to medium grained, dark brown.	D													FILL
J 0.5-0.6					Gravelly SAND fine to coarse grained, pale brown, gravel is fine grained, sub-angular, with some clay.	D													FILL
J 0.9-1.1 SPTLS SPT01 N=9 4,4,5		1				M													
SPTLS D#1	2.63	1.50			Sandy CLAY high plasticity, dark brown, sand is medium grained.	M													FILL
SPTLS D#2 D+J 1.9-2.1	2.43	1.70			SAND medium grained, brown.	M													FILL
J 2.5-2.8 SPTLS SPT02 N=8 2,3,5	1.53	2.60			SAND fine to medium grained, grey, with trace silt.	W													HLCN
D 2.9-3.1	1.03	3.10			CLAY high plasticity, grey, with trace fine grained sand.	M													HLCN
	0.63	3.50			CLAY high plasticity, pale grey.	M													HLCN
	0.43	3.70			CLAY high plasticity, dark grey, with some fine grained sand.	M													HLCN
D+J 3.9-4.1 D+J 4.0-5.0 SPTLS SPT03 N=0 0,0,0	0.23	3.90			Clayey SAND fine to medium grained, grey, clay is high plasticity.	W													HLCN
SPTLS SPT04 N=0 0,0,0																			
SPTLS SPT05 N=8 3,4,4	-2.67	6.80			Clayey SAND fine to medium grained, brown, clay is high plasticity.	M													HLCN
NOTES													JOB						
													249964						

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 Log: 1.0.1 AUSTRALIA GENERAL BOREHOLE LOG (rev 15Jun11 checked AB/ACP Feb 2006)  
 gINT output page 1 of 3. Made 16May17 14:54

CLIENT	Port of Brisbane Pty Ltd	LOGGED BY	Kieran Toon
PROJECT	Port Drive Upgrade	CHECKED BY	Jon Gerig
		DRILLED DATE	30-Aug-16 to 31-Aug-16
CONTRACTOR	Hydrapower Scout	ANGLE	Vertical
DRILL MODEL	Douglas Partners	BEARING	-
DRILLER		HOLE DIAMETER	75mm (W)
		GROUND LEVEL	RL 4.13m
		LOCATION	516343 E 6968754 N
		ELEVATION DATUM	
		COORDINATE SYSTEM	

DRILLING	STRATA				MATERIAL DESCRIPTION	CONDITION								OBSERVATION				
SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH	GROUP SYMBOL	LEGEND	SOIL TYPE Plasticity / Grain Size, Colour, Minor Components	WATER / MOISTURE	CONSISTENCY								SOIL ORIGIN, STRUCTURE, ETC.			
	mAHD	m					COHESIVE				NON COHESIVE							
							VS	SL	ST	VST	H	VL	LD	VD				
SPTLS SPT06 N=10 3,4,6	-4.07	8.20			Clayey SAND fine to medium grained, brown, clay is high plasticity. <i>(continued)</i>	M												HLCN
SPTLS SPT07 N=22 6,9,13	-5.37	9.50			CLAY high plasticity, grey with occasional brown mottling, with some fine grained sand.	M												PLSTNC
SPTLS SPT08 N=18 4,7,11	-6.87	11.10			CLAY medium plasticity, grey with significant brown mottling, with some silt, trace fine grained sand.	M												PLSTNC
SPTLS SPT09 N=18 4,8,10						M												
SPTLS SPT10 N=8 4,4,4						M												

NOTES	JOB <b>249964</b>
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CLIENT	Port of Brisbane Pty Ltd	LOGGED BY	Kieran Toon
PROJECT	Port Drive Upgrade	CHECKED BY	Jon Gerig
		DRILLED DATE	30-Aug-16 to 31-Aug-16
CONTRACTOR	Hydrapower Scout	ANGLE	Vertical
DRILL MODEL	Douglas Partners	BEARING	-
DRILLER		HOLE DIAMETER	75mm (W)
		GROUND LEVEL	RL 4.13m
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DRILLING	STRATA			MATERIAL DESCRIPTION	CONDITION	OBSERVATION							
	SAMPLE, TEST, BIT, SUPPORT, ETC.	R.L.	DEPTH				SOIL TYPE Plasticity / Grain Size, Colour, Minor Components	WATER / MOISTURE	CONSISTENCY	SOIL ORIGIN, STRUCTURE, ETC.			
	mAHD	m	GROUP SYMBOL	LEGEND	VS	SL	ST	VST	H	VL	LD	VD	
SPTLS SPT11 N=11 4,4,7					CLAY medium plasticity, pale grey with large bands of brown weathering.. (continued)	M							PLSTNC
		17											
		-13.17	17.30		CLAY medium plasticity, grey - brown with brown weathering, with some silt.	D-M							RS/XW
SPTLS SPT12 N=50 16,22,28													
		18											
		19											
SPTLS SPT13 N=60* 12,30/150													
		20											
		21											
		-17.57	21.70		BASALT brown, residual soil, extremely low strength.								RS/XW
SPTLS SPT14 N=60* 20,30/150													
		22											
		23											
SPTLS SPT15 N=41 13,18,23													
		-19.67	23.80		Borehole completed at 23.8m depth								

NOTES	JOB
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