



Borehole No.
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BOREHOLE LOG

Client: DESIGNINC SYDNEY PTY LTD
Project: NEW ULTIMO PYRMONT PUBLIC SCHOOL
Location: ULTIMO PUBLIC SCHOOL, QUARRY ROAD, ULTIMO, NSW

Job No.: 30361SB **Method:** SPIRAL AUGER **R.L. Surface:** ~16 m
Date: 11/4/17 TO 12/4/17 **Datum:** AHD
Plant Type: JK205 **Logged/Checked By:** M.S./D.B.

Groundwater Record	SAMPLES				Field Tests	RL (m AHD)	Depth (m)	Graphic Log	Unified Classification	DESCRIPTION	Moisture Condition/ Weathering	Strength/ Rel Density	Hand Penetrometer Readings (kPa)	Remarks
	ES	U50	DB	DS										
DRY ON COMPLETION OF AUGERING ON COMPLETION OF CORING					N = 22 9,12,10	15	1			SYNTHETIC SURFACE: 10mm.t FILL: Gravelly sand, fine to medium grained, dark brown, fine to medium grained igneous gravel. FILL: Silty sand, fine to medium grained, dark grey, with fine to medium grained igneous, sandstone and ironstone gravel.	M		APPEARS MODERATELY TO WELL COMPACTED	
					N = 13 12,6,7	14	2		as above, but brown and grey, trace of fine to medium grained igneous, sandstone and ironstone gravel, brick fragments, slag and ash.					
					N = 13 6,7,6	13	3		as above, but brown.					
					N = 22 9,10,12	12	4							
					N = 15 7,8,7	11	5							
						10	6		as above, but with sandstone cobbles and igneous, and ironstone gravel.					

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Groundwater Record	SAMPLES				Field Tests	RL (m AHD)	Depth (m)	Graphic Log	Unified Classification	DESCRIPTION	Moisture Condition/ Weathering	Strength/ Rel Density	Hand Penetrometer Readings (kPa)	Remarks
	ES	U50	DB	DS										
										FILL: Silty sand, fine to medium grained, brown, with sandstone cobbles and igneous and ironstone gravel.	M			
						8	8			SANDSTONE: fine to medium grained, light grey. REFER TO CORED BOREHOLE LOG	SW	M - H		HIGH 'TC' BIT RESISTANCE
							7	9						
							6	10						
							5	11						
							4	12						
							3	13						

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Borehole No.
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CORED BOREHOLE LOG

Client: DESIGNINC SYDNEY PTY LTD
Project: NEW ULTIMO PYRMONT PUBLIC SCHOOL
Location: ULTIMO PUBLIC SCHOOL, QUARRY ROAD, ULTIMO, NSW

Job No.: 30361SB **Core Size:** NMLC **R.L. Surface:** ~16 m
Date: 11/4/17 TO 12/4/17 **Inclination:** VERTICAL **Datum:** AHD
Plant Type: JK205 **Bearing:** N/A **Logged/Checked By:** M.S./D.B.

Water Loss Level	Barrel Lift	RL (m AHD)	Depth (m)	Graphic Log	CORE DESCRIPTION Rock Type, grain characteristics, colour, structure, minor components.	Weathering	Strength	POINT LOAD STRENGTH INDEX I _s (50)	DEFECT DETAILS	
									DEFECT SPACING (mm)	DESCRIPTION Type, inclination, thickness, planarity, roughness, coating.
			8		START CORING AT 8.02m					
			7		SANDSTONE: fine to medium grained, light grey mottled red and yellow brown, with quartz inclusions. as above, but light grey, with dark brown laminae.	SW	H			(8.99m) XWS, 5°, 20 mm.t
			6		as above, but light grey and brown.					(9.24m) XWS, 0°, 20 mm.t
			5		as above, but light grey, with dark brown laminae.					(10.18m) J, 50°, P, R
			5		END OF BOREHOLE AT 10.97 m					

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JOB NO: 30361SB

BH 7

START CORING AT: 8.04m

8

9

10

FINISH AT 10.97m



Borehole No.
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CORED BOREHOLE LOG

Client: DESIGNINC SYDNEY PTY LTD
Project: NEW ULTIMO PYRMONT PUBLIC SCHOOL
Location: ULTIMO PUBLIC SCHOOL, QUARRY ROAD, ULTIMO, NSW

Job No.: 30361SB **Core Size:** NMLC **R.L. Surface:** ~15.9 m
Date: 11/4/17 **Inclination:** VERTICAL **Datum:** AHD
Plant Type: JK205 **Bearing:** N/A **Logged/Checked By:** M.S./D.B.

Water Loss/Level	Barrel Lift	RL (m AHD)	Depth (m)	Graphic Log	CORE DESCRIPTION Rock Type, grain characteristics, colour, structure, minor components.	Weathering	Strength	POINT LOAD STRENGTH INDEX I _s (50)	DEFECT DETAILS	
									DEFECT SPACING (mm)	DESCRIPTION Type, inclination, thickness, planarity, roughness, coating.
			10 6		START CORING AT 6.22m					
			9 7		SANDSTONE: fine to medium grained, red brown mottled light grey and yellow brown, bedded at 0-15°.	DW	H			(7.16m) J, 45°, P, R (7.22m) J, 45°, P, R (7.34m) Be, 10°, P, R
	0% RETURN		8 8		as above, but light grey, with dark brown laminae, bedded at 0-20°.	FR				(8.22m) XWS, 10°, 10 mm.t (8.25m) J, 70°, Un, R (8.59m) XWS, 5°, 5 mm.t
			7 9		END OF BOREHOLE AT 9.08 m					
			6 10							
			5 11							
			4							

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JOB NO: 30361SB

BH8

START CORING AT: 6.22m

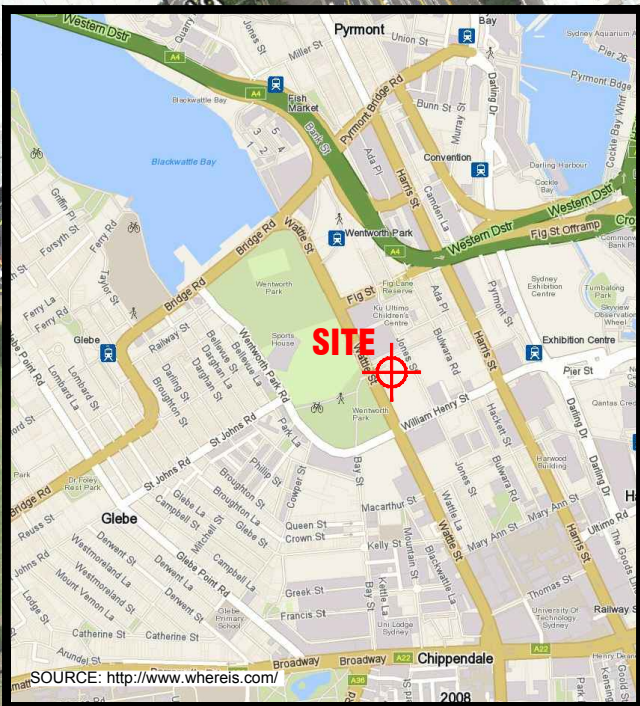
6

7

8

9

FINISH AT 9.08m



AERIAL IMAGE SOURCE: GOOGLE EARTH PRO 7.1.5.1557
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Title: SITE LOCATION PLAN	
Location: ULTIMO PUBLIC SCHOOL QUARRY ROAD, ULTIMO, NSW	
Report No: 30361SB	Figure No: 1



This plan should be read in conjunction with the JK Geotechnics report.

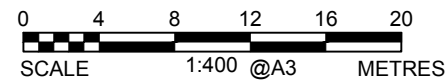
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PLOT DATE: 24/04/2017 10:40:55 AM DWG FILE: S:\8 GEOTECHNICAL\8F GEOTECHNICAL\JOBS\30361SB\ULTIMO\CAD\30361SB.DWG



LEGEND

- BOREHOLE, CURRENT INVESTIGATION
- BOREHOLE, 2015 INVESTIGATION (NSW PUBLIC WORKS)
- BOREHOLE, 2001 INVESTIGATION (NSW PUBLIC WORKS)



This plan should be read in conjunction with the JK Geotechnics report.

Title: BOREHOLE LOCATION PLAN	
Location: ULTIMO PUBLIC SCHOOL QUARRY ROAD, ULTIMO, NSW	
Report No: 30361SB	Figure No: 2
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