



URS Cored Borehole

BOREHOLE MW3D

URS Australia PT	Y LTD	Project Preliminary Reference: Geotechnical		Client:	Costco Wholesale (Australia) Pty Ltd				
Drilling Contract	or: Terratest Pty Lt	td	Assessment Project No.: 43217997		Location:	17-21 Parramatta Road, Lidcombe			
Logged By:	J Kor	Bore Size: 100mm mm	Relative Leve	el: mRL	Drill Type:	HQ triple tube, wire line coring			
Checked By: Date Started:	V Tandjiria 1-8-09	Casing Size: mm Total Depth: 13.00 m Borehole Inclination and	Coordinates:	6252885.00 mN 319631.00 mE	Drill Model:	EDSON 3000			
Date Finished:	1-8-09	Bearing: 90° from horizonta at ° True North	Permit No:		Drill Fluid:	Water			



60/6/2 SYD GEOTECH & MINING CORED J: JOBS/43217997/5 WORKS/GEOTECHNICAL INVESTIGATION/LOGS/LIDCOMBE MW CORED LOG.GPJ URS1.GDT

BOREHOLE MW3D

URS Australia PTY LTD

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Phone: Fax:

Cored Borehole

Project **43217997** No.:

Project Reference: Preliminary Geotechnical Assessment

OPHIN VIEW OP OPHIN DESCRIPTION OF STRATA STRENGTH (50) MPa (50) Strength (50) MPa (50)	Image: Second
	BG, 5°-10°, PI, S, KL
	—BG, 0°-5°, PI, S, KL
	-
12.3 5 6 12.3 12.3 10 10 10 10 10 10 10 10 10 10	
	-
	-

SYD GEOTECH & MINING CORED J: UOBSV43217997/5 WORKS/GEOTECHNICAL INVESTIGATIONLOGS/LIDCOMBE MW CORED LOG: GPJ URS1. GDT 7/9/09

Sheet 2 of 2

URS Non	-cored Hole	Sheet Of She				
URS Australia Pty Ltd Lvl 3, 116 Miller Street, North Sydney NSW Drilling Contractor: Terratest Pty L			Client:Costco Wholesale (Australia) Pty LtdLocation:17-21 Parramatta Rd, Lidcombe			
Logged By: J Kor	Bore Size: 100mm mm	Relative Level: mRL	Drill Type: SFA "V" Bit, Hand Augering			
Checked By: V Tandjiria	Total Depth: 13.80 m	Coordinates: 6252971.00 mN	Drill Model: EDSON 3000			
Date Started: 1-8-09	Casing Size: mm	319673.00 mE				
Date Finished: 2-8-09		Permit No:	Drill Fluid: N/A			

SAMPLE TYPE		RUN (m)	FIELD SHEAR STRENGTH (kPa)	PENETROMETER BLOWS (N)	SAMPLING AND OTHER TESTING	GROUND WATER DATA AND COMMENTS	 • DEPTH (m)	GRAPHIC LOG	DESCRIPTION OF STRATA	MOISTURE	nscs	CONSISTENCY/ DENSITY	GEOLOGICAL
		C					-		CONCRETE (140mm thick)				
		Hand Auger					-	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	FILL, clayey sand, uniformly graded, fine grained, dark brown, with a trace of glass, dry to moist	D/M			FILL
	SPT			N=4	SPT @ 1.0m 2,2,2		- 1 - - - - - -		CLAY, medium to high plasticity, dark brown, with a trace of sand, dry to moist, soft Becoming reddish brown at 1.5m			S	ALLUVIUM
	SPT			N=31	SPT @ 2.0m 5,13,18		- 2 		Very stiff, with iron staining, becoming mottled reddish brown grey, and dry at 2m			VSt	
	SPT	V Bit		N=38	SPT @ 3.0m 9,15,23		- 3 - - - - -		Hard, shaley, brownish grey, and with some ironstone fragments at 3m	D/M		Н	
	SPT			N=64	SPT @ 4.0m 16,27,37		- 4 		Hard and shaley at 4m			Н	RESIDUAL

URS

Non-cored Hole

BOREHOLE MW4D

Sheet 2 of 2

URS Australia Pty Ltd Lvl 3, 116 Miller Street, North Sydney NSW 2060

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⁰ Project **43217997** 5 No.: Project **Prelim** Reference:

pject Preliminary Geotechnical Assessment

	SAMPLE TYPE	RUN (m)	FIELD SHEAR STRENGTH (kPa)	PENETROMETER BLOWS (N)	SAMPLING AND OTHER TESTING	GROUND WATER DATA AND COMMENTS	 9 DEPTH (m)	GRAPHIC LOG	DESCRIPTION OF STRATA	MOISTURE CONDITION	nscs	CONSISTENCY/ DENSITY	GEOLOGICAL DESCRIPTION
-	SPT			N=35	SPT @ 5.0m 7,11,24		- - - - -		Hard at 5m SHALE, extremely weathered, extremely low strength, with iron staining			н	
-	SPT			N=101	SPT @ 6.0m 19,44,57		- 6 - - -		Hard at 6m			н	
-							 - - - - 7		V Bit refusal at 6.45m, continues with NMLC coring				
6							-						
.GPJ URS1.GDT 7/9/0							- - - 8 - -						
SYDNEY_GEOTECH J:JOBS/43217997/5 WORKS/GEOTECHNICAL INVESTIGATIONLOGS/LIDCOMBE MW.GPJ URS1.GBT 7/9/09							- - - - - - - 9 -						
SIGEOTECHNICAL INVESTI							- - - - - - - -						
H J:\JOBS\43217997\5 WORK							- - - - - -						
SYDNEY_GEOTECH	Remark	s: Cir	 Run (r (r	n)" colur	nn represents Co	oncrete Cutting	_						