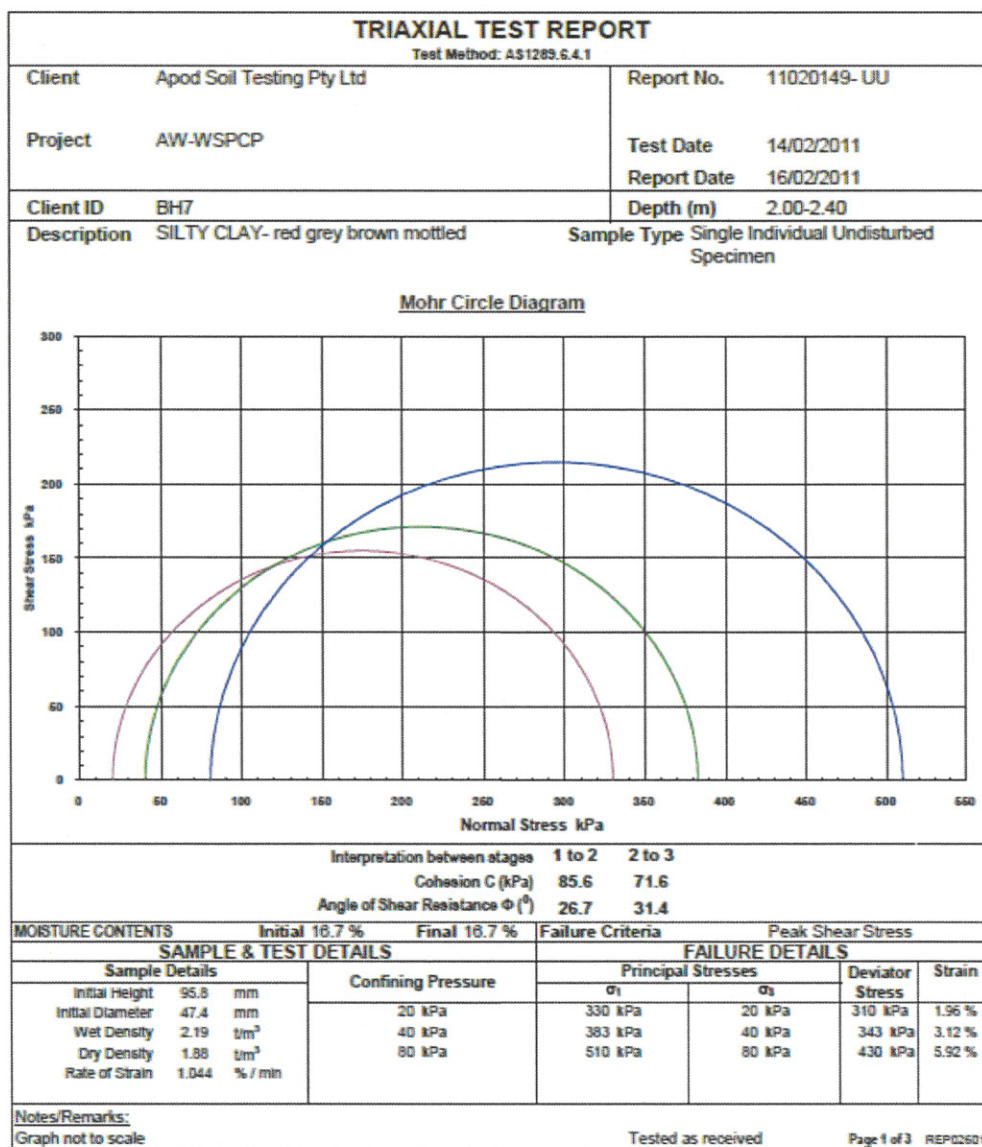


Borehole Log		Hole ID. BH9	
 WSP WSP Environment & Energy Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 5700 www.wspenvironmental.com	Project Name:	Columbia Precinct, Homebush	Date Started: 28/01/2011
	Project Number:	15742	Date Completed: 28/01/2011
	Location / Site:	Cnr Parramatta Rd & Columbia Ln, Homebush NSW	Hole Depth: 6.20 m
	Client:		Ground Level: -----
	Drilling Company:	Auswide Geotechnical	Easting: 0323312
	Drill Method:	Solid Flight Auger	Northing: 6251042
	Logged By:	Aaron Young	Sheet: 1 of 1

Method	Water Level	Depth (m)	RL (m)	Graphic Log	USCS Symbol	Material Type	Material Description	DCP blows / 300mm	Pocket Penetrometer MPa	Moisture	Samples / Tests	Observations / Comments
											ID No.	
							Surface: Concrete					
							CONCRETE - 200mm.					
						Fill	FILL - Sandy Clay, red / orange / grey, non plastic.			Dry	BH9 / 0.3m	No odour.
						CL	FILL - Sand, black, with clay and brick content.	3			BH9 / 0.5m	Hydrocarbon odour. Black staining.
						CL	CLAY - grey, firm, non plastic, with red ironstone content.	8		Damp		No odour.
						CL	CLAY - white / light orange, stiff, non plastic, with ironstone content.	24	300	Damp	BH9 / 1.0m	
						CL	CLAY - grey / light orange, very stiff, non plastic, with ironstone content.	50				
						Natural		70+		Damp		
						CL		UTP	600+			
									600+			
						Bedrock	Extremely Weathered SHALE - brown, non cohesive, no plasticity, dense, some beading due to moisture content, XW Rock.			Dry to Moist		
							Extremely Weathered SHALE - brown, very dense, XW Rock.			Dry		
							Refusal at 6.20 m Auger refusal in Shale. DW Rock.					

Observations		Notes	
Asbestos	No visual evidence of asbestos noted during drilling.		
Staining	Visual evidence of contamination (e.g. staining) noted during drilling.		
Odour	Olfactory (e.g. hydrocarbon odour) evidence of contamination noted during drilling.		
Groundwater	No groundwater encountered during drilling.		
		Log Drawn By: Laurie White	Checked By:
		Contact: laurie.white@raumad.com.au	Date:

Triaxial Test Results



Notes/Remarks:

Graph not to scale

Tested as received

Page 1 of 3 REP02601

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Authorized Signatory

 J. Russell



Laboratory No. 9926

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Trilab Pty Ltd ABN 25 065 630 506

ACCURATE QUALITY RESULTS FOR TOMORROW'S ENGINEERING



tel 7 3357 5635 www.trilab.com.au 10104 Newmarket Rd, Windsor QLD 4030

TRIAXIAL TEST REPORT																																																		
Test Method: AS1288 8.4.1																																																		
Client	Apod Soil Testing Pty Ltd	Report No.	11020151- UU																																															
Project	AW-WSPCP	Test Date	14/02/2011																																															
		Report Date	16/02/2011																																															
Client ID	BH10	Depth (m)	2.00-2.40																																															
Description	CLAY- grey and brown		Sample Type Single Individual Undisturbed Specimen																																															
Mohr Circle Diagram																																																		
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Authorised Signatory
James Russell
J. Russell



Laboratory No. 9928

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ACCURATE QUALITY RESULTS FOR TOMORROW'S ENGINEERING

Test Method: AS1289.6.4.1

Site Sketch



Source: NearMaps (February, 2011)

Site Boundary
Approximate Scale
0 20
Metres

BH01 Borehole Location
MW01 Monitoring Well Location

Borehole and Monitoring Well Locations
Preliminary Contamination and Geotechnical Investigation, Homebush, NSW
FIGURE 3



APPENDIX D Site Photographs

Site Photographs – Columbia Precinct, Homebush NSW



Photo 1: Stormwater drain looking south.



Photo 2: Location of UST



Photo 3: General rubbish looking east at 20 Parramatta Road



Photo 4: Chemical Storage at 11 – 13 Columbia Lane



Photo 5: Auto Mechanic at rear of 18 Parramatta Road



Photo 6: Electricity substation located on adjacent property, south of site