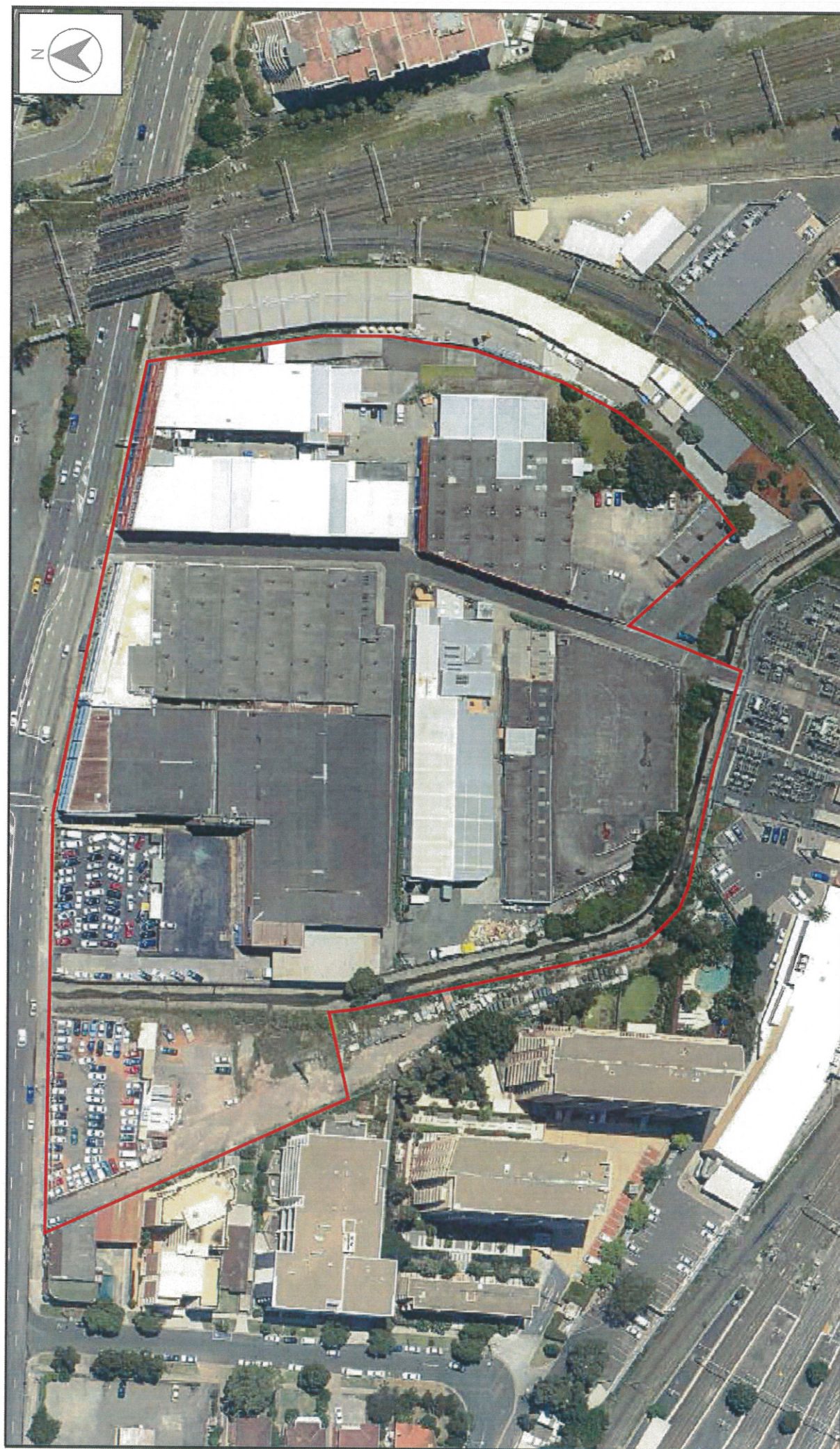




Source: NearMaps (February, 2011)

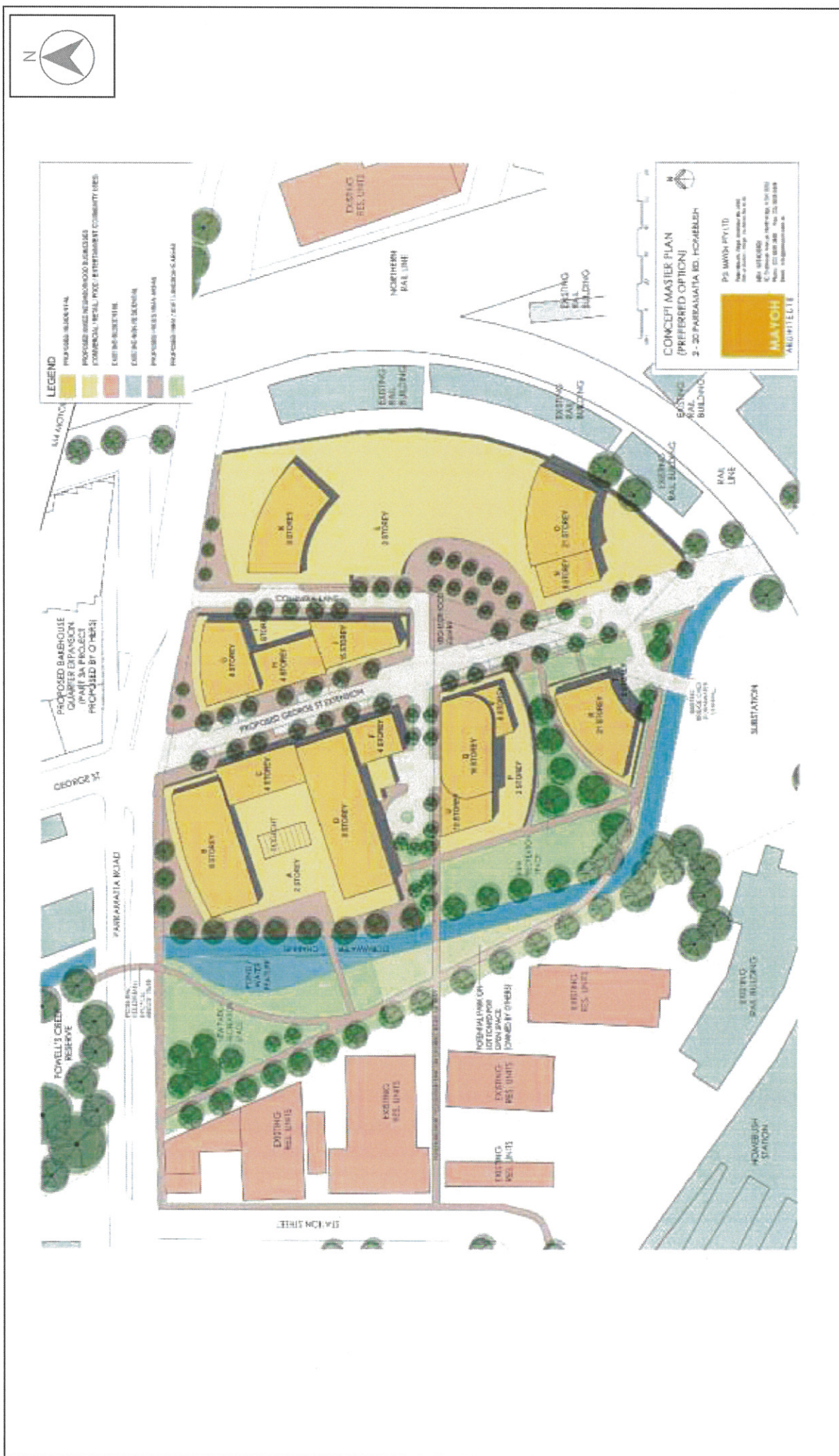
Site Boundary

0 Approximate Scale 20
Metres

Site Boundary

Preliminary Contamination and Geotechnical Investigation, Homebush, NSW

FIGURE 2



Source: Colston Budd Hunt & Kafes with Mayoh Architects (2010)



Borehole and Monitoring Well Locations

Preliminary Contamination and Geotechnical Investigation, Homebush, NSW

FIGURE 6

APPENDIX B

Borehole Logs

Solid Flight AugerREUMAD

WSP LOG LT 15742 HOMEBUSH.GPJ WSP LOG.GDT 10/2/11 12:50:25 PM

Groundwater Well Log				Hole ID. BH2/GW1	
WSP Environment & Energy Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspenvironmental.com	Project Name: Columbia Precinct, Homebush		Date Started: 27/01/2011		
	Project Number: 15742		Date Completed: 27/01/2011		
	Location / Site: Cnr Parramatta Rd & Columbia Ln, Homebush NSW		Hole Depth: 6.30 m		
	Client:		Ground Level: -----		
	Drilling Company: Auswide Geotechnical		Easting: 0323192		
Drill Method: Solid Flight Auger		Northing: 6251109		Sheet: 1 of 1	
Logged By: Aaron Young					

Method	Water Level	Depth (m)	RL (m)	Graphic Log	USCS Symbol	Material Type	Material Description	DCP blows / 300mm	Pocket Penetrometer kPa	Moisture	Samples / Tests		Observations / Comments	Well Details	Well Construction
											PID ppm	ID No.			
							Surface: Asphalt								
						Fill	ASPHALT - 50mm.	13		Dry	0.0	BH2 / 0.0m			
							FILL - Broken Asphalt / Sand, black, fine to coarse grained.	6		Dry	0.0	BH2 / 0.5m			
							FILL - Silty Clay, orange, non plastic, with rock content.	9		Dry	0.0	BH2 / 1.0m			
						CL	FILL - Clay, orange / black, with rock content.	19		Dry	0.0	BH2 / 1.0m			
							CLAY - grey / orange, stiff, non plastic.	25	230						
								27							
								48	250		0.0	BH2 / 2.0m			
						Natural	CLAY - orange / grey, stiff, non plastic, with ironstone and silt content.	68		Dry to Moist					
								70	200						
								END							
						CL	CLAY - red, stiff, iron rich.		300	Dry	0.0	BH2 / 3.0m			
						CL	Silty CLAY - orange / grey / red, stiff, non plastic.		280	Moist	0.0	BH2 / 4.0m			
						Bedrock	Extremely Weathered SHALE - brown, beaded, becoming wet at 4.6m, XW Rock.		350	Dry to Wet					
							Distinctly Weathered SHALE - brown, DW Rock.			Wet					
							Refusal at 6.30 m Auger refusal in Shale. DW Rock.								

Observations		Notes	
Asbestos	No visual evidence of asbestos noted during drilling.		
Staining	No visual evidence of contamination (e.g. staining) noted during drilling.		
Odour	No olfactory (e.g. hydrocarbon odour) evidence of contamination noted during drilling.		
Groundwater	Groundwater encountered during drilling.		

Log Drawn By: Laurie White	Checked By:	Date:
Contact: laurie.white@reumad.com.au		

WSP LOG LT 15742 HOMEBUSH.GPJ WSP LOG.GDT 10/2/11 12:50:28 PM



Borehole Log		Hole ID. BH3
WSP Environment & Energy Level 1, 41 McLaren Street North Sydney NSW 2060 Office: +61 (0)2 8925 6700 www.wspenvironmental.com	Project Name: Columbia Precinct, Homebush	Date Started: 27/01/2011
	Project Number: 15742	Date Completed: 27/01/2011
	Location / Site: Cnr Parramatta Rd & Columbia Ln, Homebush NSW	Hole Depth: 5.60 m
	Client:	Ground Level: -----
	Drilling Company: Auswide Geotechnical	Easting: 0323180
	Drill Method: Solid Flight Auger	Northing: 6251104
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 kPa	Moisture	Samples / Tests		Observations / Comments
											PID ppm	ID No.	
							Surface: Asphalt						
						Fill	ASPHALT - 50mm.	14		Dry	---	BH3 / 0.1m	
							FILL - Broken Asphalt.			Dry	---		
							FILL - Sandy Clay, brown / black, with crushed brick.	5			---	BH3 / 0.5m	
							Silty CLAY - grey, stiff.	13		Dry	---		
						CL		20	350		---	BH3 / 1.0m	
							very stiff.	29	500				
								47					
								67	550		---	BH3 / 2.0m	
							Silty CLAY - brown / grey, very stiff, non plastic.	70+		Moist			
						CL		END	550				
											---	BH3 / 3.0m	
							Silty CLAY - brown / orange, stiff, non plastic, with ironstone content, becoming wet at 3.5m.			Moist			
						CL							
							becoming very stiff.						
						Bedrock	Extremely Weathered SHALE / SILTSTONE - brown / grey, dense, XW Rock.			Dry			
							Refusal at 5.60 m Auger refusal in Shale/Siltstone. DW Rock.						

Observations		Notes
Asbestos	No visual evidence of asbestos noted during drilling.	1. No PID samples collected. PID malfunction.
Staining	No visual evidence of contamination (e.g. staining) noted during drilling.	
Odour	No olfactory (e.g. hydrocarbon odour) evidence of contamination noted during drilling.	
Groundwater	Groundwater encountered during drilling.	

Log Drawn By: Laurie White
 Contact: laurie.white@reumad.com.au

Checked By: _____

Date: _____

WSP LOG LT 15742 HOMEBUSH.GPJ WSP LOG.GDT 10/2/11 12:50:30 PM

Groundwater Well Log

Hole ID.

BH4/GW2



WSP Environment & Energy

Level 1, 41 McLaren Street
North Sydney NSW 2060
Office: +61 (0)2 8925 6700
www.wspenvironmental.com



Project Name: **Columbia Precinct, Homebush**

Project Number: **15742**

Location / Site: **Cnr Parramatta Rd & Columbia Ln, Homebush NSW**

Client:

Drilling Company: **Auswide Geotechnical**

Drill Method: **Solid Flight Auger**

Logged By: **Aaron Young**

Date Started: **27/01/2011**

Date Completed: **27/01/2011**

Hole Depth: **7.50 m**

Ground Level: **-----**

Easting: **0323162**

Northing: **6251086**

Sheet: **1 of 1**

Method	Water Level	Depth (m)	RL (m)	Graphic Log	USCS Symbol	Material Type	Material Description	DCP blows / 300mm	Pocket Penetrometer kPa	Moisture	PID ppm	ID No.	Samples / Tests	Observations / Comments	Well Details	Well Construction
DT							Surface: Concrete									
							CONCRETE - 200mm.	5		Moist	0.0	BH4 / 0.3m				
							FILL - Clayey Sand, brown, soft.	13			4.3	BH4 / 0.6m				
							with loose rick fragments below 0.8m.	7								
							FILL - Sandy Clay, brown, with brick fragments, uncontrolled.	8		Moist to Wet	3.6	BH4 / 1.2m		No odour.		
								5								
								4		Wet	1.6	BH4 / 2.0m				
								11								
								25								
								25								
							Silty CLAY - orange / grey, stiff, with ironstone banding.	40	200	Wet	0.1	BH4 / 3.0m		No odour.		
								70+	250							
							IRONSTONE banding - red, very stiff.			Dry to Moist	0.0	BH4 / 4.0m				
							CLAY - orange / brown, very stiff, some beading.			Moist	0.0	BH4 / 5.0m				
							Extremely Weathered SHALE / SILTSTONE - dark grey / orange, dense, fine to medium grained, XW Rock.			Moist						
							Refusal at 7.50 m									
							Auger refusal in Shale/Siltstone.									
							DW Rock.									

Observations

Asbestos | No visual evidence of asbestos noted during drilling.
Staining | No visual evidence of contamination (e.g. staining) noted during drilling.
Odour | No olfactory (e.g. hydrocarbon odour) evidence of contamination noted during drilling.
Groundwater | Groundwater encountered during drilling.

Notes



Log Drawn By: Laurie White
Contact: laurie.white@reumad.com.au

Checked By:

Date:

WSP LOG LT 15742 HOMEBUSH GPJ WSP LOG.GDT 10/2/11 12:50:31 PM