











1.0 M HIGH FRAME-LESS GLASS BALUSTRADE WITH TIMBER HANDRAIL TFD



POLISHED CONCRETE PANELS CAST ON SITE TFD



ALUMINIUM FRAME SLIDING DOORS AND SLIDING WINDOWS WITH DOUBLE GLAZED PILKINGTON LOW "E" GLASS



ZINC INTERLOCKING CLADDING PANNELS 600x2000MM (VMZINC) -PIGMENTO - LICHEN GREEN

LANDSCAPING - REFER TO LANDSCAPE ARCHITECT'S PLAN





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ANONDISED ALUMINIUM SCREEN WITH DETAILED LASER CUT-OUTS IN PANELS 2500x3000 MM.

	MOJECT		
	175-177	175-177 CLEVELAND	
GHAZIAI AII	(JUBA)		
ARCHITECT	HIGHQUAI	HIGH QUALITY BUILDING	
E.office@ahazia.com	anos	DATE	
	1:200	21/05/2014	
THATHFIELD, NSW 2135	DRAWABY	CHECKED 1: C	
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175-177	^{⊔B™} HIGH QUAL	300E 1:200	DRAWNBY:

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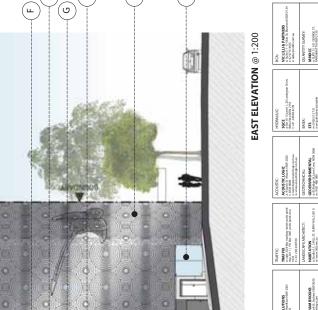
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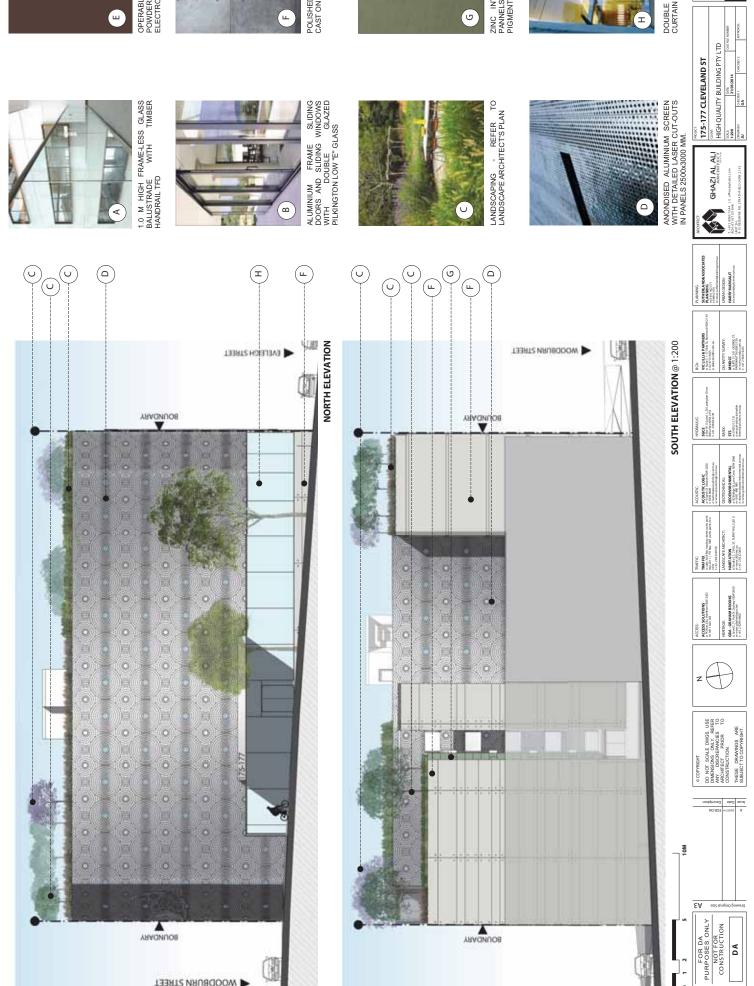
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■ WOODBURN STREET



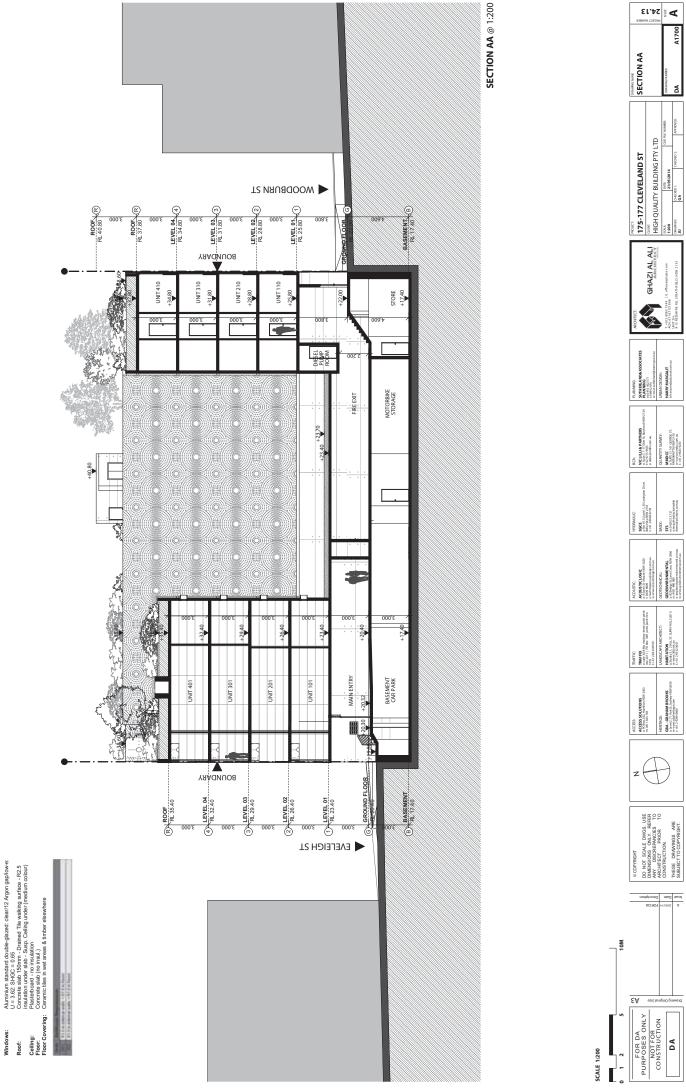
ZINC INTERLOCKING CLADDING PANNELS 600x2000MM (VMZINC) -PIGMENTO - LICHEN GREEN



DOUBLE GLAZED LOW E GLASS CURTAIN WALL

£1.42 ₹	
ATERIAL HEDULE	

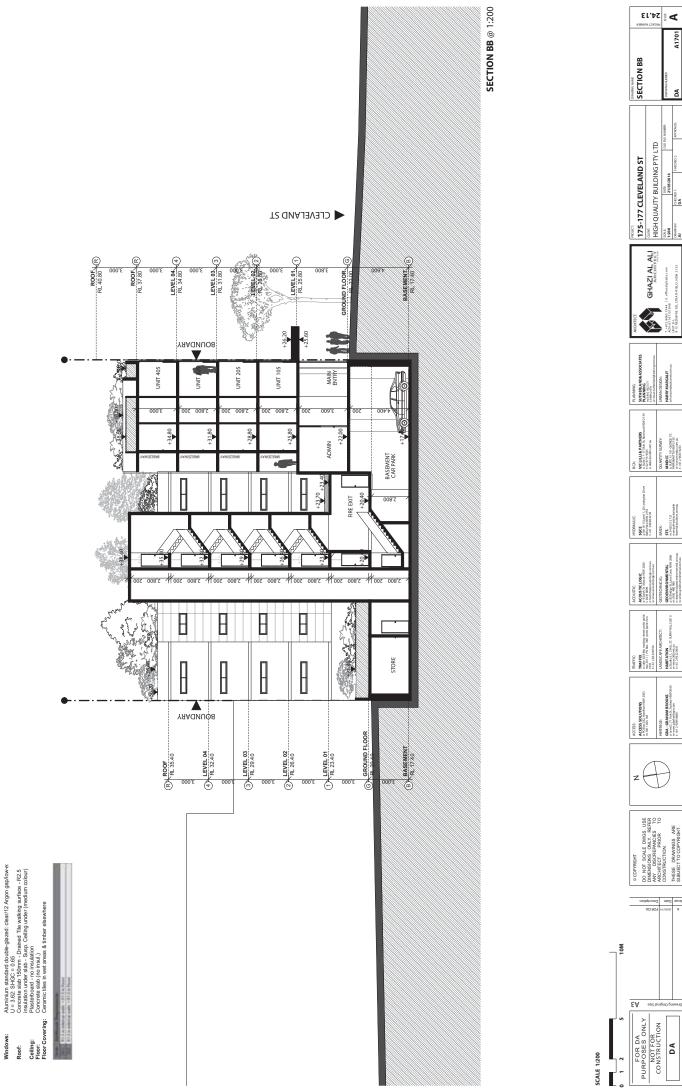
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Concrete Block (190mm): air gap: plasterboard (uninsulated) - medium colour

External Walls: Internal Walls:

Within each unit: single skin brick: wet plaster both sides
 Party wall between units: 2 layers of AAC 70mm with R1.0 between. Plasterboard lines both sides



External Walls: Concrete Block (190mm): air gap; plasterboard (uninsulated) - medium colour

Internal Walls:

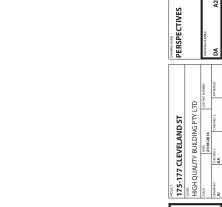
Within each unit: single skin brick: wet plaster both sides
 Party wall between units: 2 layers of AAC 70mm with R1.0 between. Plasterboard lines both sides

THESE DRAWINGS ARE SUBJECT TO COPYRIGHT.









£1.42 ₹

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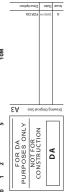






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SCALE 1:200



APPENDIX B

Borehole Logs

Groundwater Well Log Report

Geo Environmental Engineering Pty Ltd 82 Bridge Street Lane Cove NSW 2066

T 02 8964 6045



BH1 Hole ID.

7.40 m Hole Depth:

1 of 1 Sheet:

E14002RED Stage 1 and 2 Environmental Site Assessment Project Name: Project Number:

Location / Site: 175-177 Cleveland Street, Redfern Client: High Quality Building Pty Ltd

Ground Technologies Date Started: 1/05/2014 Drilling Company: Ground Level: RL22.8m (approx) Drill Method: Solid Flight Auger - TC Bit Date Completed: 1/05/2014 Easting:

4WD Utility Rig Equipment: Northing:

Equipment: 41						40	Utility Rig				Northing:		
Method	Water Level	Depth (m)	RL (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Consistency / Density	Moisture	Samples / Tests	Observations / Comments	Well Details	Well Construction
							Surface: Asphalt						
		F	-	$\times\!\!\times\!\!\times$			FILL- Asphalt, 40mm.	compacted	moist	SM010514	0.00	4 4	4
		1.0	_ - - - 22.0				FILL- Sandy Gravel, Road Base, dark grey, fine to coarse grained sand and gravel. FILL- Sandy Gravel / Gravelly Sand, orange brown and brown, fine to coarse grained sand and gravel, with crushed sandstone and brick as well as some	compacted	moist	- 01 / 0.1-0.3m SM010514 - 02 / 0.5-0.7m	slight hydrocarbon odour at 0.1 - 0.8m		Satic Cover with Concrete -
		- - - - -	21.0			Ē	wood fragments.			SM010514 - 03 / 1.5-1.8m /			Gatic Cc
		2.0								1.5-1.611	2.50		Bentonite _
TC Bit		3.0	20.0 - - - - - -			-	FILL- Gravelly Silty Clay, grey / brown, low to medium plasticity, fine to coarse grained gravel, with some sand.	compacted	very moist moist	SM010514 - 04 / 2.9-3.0m SM010514	concrete or rock boulder encountered at 2.7 - 2.9m		
Solid Flight Auger - TC Bit	<u></u>	4.0			CL		SILTY CLAY- pale grey with red brown streaks, low to medium plasticity.			- 05 / 3.3-3.5m			Coarse Sand
		5.0 - - - -	- - - - - -			Natural	SHALE- grey / brown, extremely weathered to distinctly weathered and estimated to be very low to low strength. becoming dark grey.			SM010514 - 06 / \ 5.0-5.3m /			
19/5/14 9:28:40 AM		6.0	17.0 - - - - - - - - - - - - - - - - - - -										50mm Ø Screen
.GPJ GEE.GD1 18		-	- - - - - 15.0				Hole Terminated at 7.40m Target depth reached				7.20		Cave-in _
_اي		8.0											
4002KED	Moi	sture	;				Additional Comments						
	<u> </u>	Dn											

GEE DAVIES BH LOG E14002RED.GPJ GEE.GDT 19/5/14 9:28:40 AM

Dry Damp Slightly Moist D Dp SM M VM VM Moist Very Moist Wet Sd

> Stephen McCormack Date: 1/05/2014 Checked By: Stephen McCormack Date: 13/05/2014 Logged By:

Geo Environmental Engineering Pty Ltd 82 Bridge Street Lane Cove NSW 2066

T 02 8964 6045



BH2 Hole ID.

Hole Depth: 3.00 m

1 of 1 Sheet:

E14002RED Stage 1 and 2 Environmental Site Assessment Project Name: Project Number:

Location / Site: 175-177 Cleveland Street, Redfern Client: High Quality Building Pty Ltd

Ground Technologies Date Started: 1/05/2014 Ground Level: Drilling Company: RL22.1m (approx) Drill Method: Solid Flight Auger - TC Bit Date Completed: 1/05/2014 Easting:

Equipment: Northing: **4WD Utility Rig**

	4VVD Othity Rig		Northing.	
Method Water Level Depth (m) RL (m) Graphic Log USCS Symbol	Material Description	Consistency / Density	Samples / Tests ID No.	Observations / Comments
22.0	Surface: Asphalt FILL- Asphalt, 40mm. FILL- Sandy Gravel, Road Base, dark grey, fine to coarse grained sand and gravel. FILL- Sandy Clay, dark grey and brown, low plasticity, fine to medium grained sand, with some minor gravel. Silty CLAY- orange brown and slightly dark grey, low plasticity, with some fine to medium grained sand. Silty CLAY- orange brown and red brown, medium to high plasticty. becoming pale grey with red brown streaks from 2.2m. Hole Terminated at 3.00m Target depth reached	compacted m firm m	SM010514	
Moisture D Dry Damp	Additional Comments			
Dp Damp SM Slightly Moist M Moist VM Very Moist W Wet Sd Saturated				
Logged By:	Stephen McCormack Date: 1/05/2014	Checked E	By: Stephen Mo	Cormack Date: 13/05/2014

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4				
Mc	pisture	Additional Comments		
M W WG dd d	Dry Damp Slightly Moist Moist Very Moist Wet Saturated			

Groundwater Well Log Report

Geo Environmental Engineering Pty Ltd 82 Bridge Street Lane Cove NSW 2066

T 02 8964 6045



Hole ID. BH3

Hole Depth: 7.50 m

Sheet: 1 of 1

Project Name: Stage 1 and 2 Environmental Site Assessment Project Number: E14002RED

Location / Site: 175-177 Cleveland Street, Redfern Client: High Quality Building Pty Ltd

Equipment: 4WD Utility Rig Northing: -------

Equipi	1110	111.			77	VD Utility Rig				Northing:		
Method Water Level	Depth (m)	RL (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Consistency / Density	Moisture	Samples / Tests	Observations / Comments	Well Details	Well Construction
Solid Flight Auger - TC Bit Method Method	0	(E)	Graphi	SOSN SC CL	己	Surface: Asphalt FILL- Asphalt, 40mm. FILL- Sandy Gravel, Road Base, dark grey / brown, fine to coarse grained sand and gravel. FILL- Gravelly Sand, dark grey and brown, fine to coarse grained sand and gravel, with some clay and crushed sandstone as well as glass and ceramic fragments. Sandy CLAY- yellow brown, low plasticity, fine to medium grained sand. Silty CLAY- red brown / orange brown, medium to high plasticty, with some fine to medium grained sand. becoming pale grey with some red brown streaks.	compacted compacted stiff	moist moist moist	SM010514 -15 / 0.1-0.2m SM010514 -16 / 0.5-0.6m SM010514 -17 / 1.0-1.2m SM010514 -18 / 1.2-1.4m SM010514 -19 / 1.6-1.8m	3	Q	Bentonite Gatic Cover with Concrete
So 19/5/14 9:28:42 AM So So	0	-18.0 			Natural	SHALE- brown / grey, extremely weathered and estimated to be extremely low to very low strength. becoming dark grey, becoming very low to low strength.			SM010514 - 20 / 4.5-5.0m	,	.40	50mm Ø Screen Coarse Sand
Moistu	.0	- - -				Hole Terminated at 7.50m Target depth reached						Cave-in-
H Moistu						Additional Comments						

GEE DAVIES BH LOG E14002RED GPJ GEE GDT 19/5/14 9:28:42 AM

Moisture Additional Comments

D Dry
Dp Damp
SM Slightly Moist

D Dry
Dp Damp
SM Slightly Moist
M Moist
VM Very Moist
W Wet
Sd Saturated

Logged By: Stephen McCormack Date: 1/05/2014 Checked By: Stephen McCormack Date: 13/05/2014

Geo Environmental Engineering Pty Ltd 82 Bridge Street Lane Cove NSW 2066

T 02 8964 6045



BH4 Hole ID.

Hole Depth: 3.00 m

1 of 1 Sheet:

E14002RED Stage 1 and 2 Environmental Site Assessment Project Name: Project Number:

Location / Site: 175-177 Cleveland Street, Redfern Client: High Quality Building Pty Ltd

Ground Technologies 1/05/2014 Ground Level: Drilling Company: RL22.5m (approx) Drill Method: Solid Flight Auger - TC Bit Date Completed: 1/05/2014 Easting:

Date Started:

Equipment: **4WD Utility Rig** Northing:

Equipment. 444D chirty Rig Northing									
Method Water Level Depth (m)	RL (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Consistency / Density	Moisture	Samples / Tests ID No.	Observations / Comments
	-				Surface: Asphalt FILL- Asphalt, 40mm.	compacted	moist	SM010514	
TC Bit	-22.0 - - - - - -			≣	FILL- Sandy Gravel, Road Base, dark grey, fine to coarse grained sand and gravel. FILL- Clayey Sand With Some Gravel, dark brown / brown, fine to coarse grained gravel, fine to coarse grained sand.	compacted	moist	- 21 / 0.1-0.3m SM010514 - 22/23 / 0.5-0.7m	
Solid Flight Auger - TC Bit	21.0			a	Silty CLAY- orange brown and red brown, medium to high plasticty.	stiff to very stiff	moist	SM010514 - 24 / 1.3-1.5m	
-	20.0		СН	Natural	becoming pale grey with red brown streaks from 2.2m.			SM010514 - 25 / \2.2-2.5m/	
-3.0 - - - - - - -	19.0				Hole Terminated at 3.00m Target depth reached				
4.0 - - - - - -	18.0)							
- - - 5.0	-								
6.0	_17.0)							
7.0)							
	_ - _ _15.0 _ - -)							
8.0	<u> </u>				Additional Comments				
SM SI M M VM Ve W W		ist			Additional Comments				
L	ogge	d By:	,	Ste	phen McCormack Date: 1/05/2014	Check	ed By:	Stephen Mo	cCormack Date: 13/05/2014

Dp Damp Sightly Moist M Moist VM Very Moist W Wet	~ L		0.0					
D Dry Dp Damp D SM Slightly Moist M Moist T VM Very Moist W Wet	ή_ 1							
Dp Damp SM Slightly Moist M Moist VM Very Moist W Wet	702	Mois	sture	Additional Comments				
	VIES BH LOG E14(Dp SM M VM W	Damp Slightly Moist Moist Very Moist Wet					

Groundwater Well Log Report

Geo Environmental Engineering Pty Ltd 82 Bridge Street Lane Cove NSW 2066

T 02 8964 6045



BH5 Hole ID.

7.50 m Hole Depth:

1 of 1 Sheet:

E14002RED Stage 1 and 2 Environmental Site Assessment Project Name: Project Number:

Location / Site: 175-177 Cleveland Street, Redfern Client: High Quality Building Pty Ltd

Ground Level: **Ground Technologies** Date Started: 1/05/2014 Drilling Company: RL19.2m (approx)

Drill Method: Solid Flight Auger - TC Bit Date Completed: 1/05/2014 Easting: **4WD Utility Rig** Northing: Equipment:

pou	Water Level	Depth (m)	m)	Graphic Log	USCS Symbol	Material Type	Material Description	Consistency / Density	Moisture	Sample / Tests		Observations / Comments	Well Details	Well Construction
Method	Wate	Dept	RL (m)	Grap	OSO	Mate	Surface: Concrete	Con	Mois	ID No.	DCP blows/100mm		Well	
		- - - - - - -1.0			SC	ī	FILL- Concrete, 110mm. FILL- Sand, pale grey brown, fine to coarse grained, with a trace of clay. Sandy CLAY- mid brown / orange brown, low plasticity, fine to medium grained.	firm to stiff	moist moist	SM010514 - 26 / 0.1-0.2m SM010514 - 27/28 / 0.2-0.4m		0.3	4 00	A STATE OF THE STA
		- - - - - - -2.0	- - - - - - - - - - - - - - - - - - -				Silty CLAY- orange brown and red brown, medium to high plasticty. becoming red to pale grey.	stiff to very stiff	moist	SM010514 - 29 / 1.3-1.5m				
-TC Bit	<u> </u>	3.0					becoming predominantly pale grey.	very stiff		SM010514 - 30 / 2.4-2.6m		DCP terminated at 2.6m, very slow to progress	0	
Solid Flight Auger - I C Bit		4.0 - - - - - -			СН	Natural				SM010514 - 31 / \4.0-4.3m/		3.5	0	
		5.0 - - - - - - - - - - - - - - - - - - -												
		7.0				_	SHALE- grey / brown, extremely weathered and estimated to be extremely low to very low strength.			SM010514 - 32 / 7.0-7.5m		7.0	•	
		- - - 8.0					Hole Terminated at 7.50m Target depth reached							
D Dr SN M VN W	о И	Moi Ver We	mp Intly M ist ry Moi	st			Additional Comments							
Sc	i		gge	d By:	,	Ste	phen McCormack Date: 1/05/201	4	Chec	cked By: St	ephen M	cCormack Date: 13/05/2	2014	

Geo Environmental Engineering Pty Ltd 82 Bridge Street Lane Cove NSW 2066

T 02 8964 6045



BH6 Hole ID.

Hole Depth: 1.10 m

1 of 1 Sheet:

E14002RED Stage 1 and 2 Environmental Site Assessment Project Name: Project Number:

Location / Site: 175-177 Cleveland Street, Redfern Client: High Quality Building Pty Ltd

Geo Environmental Engineering Date Started: 1/05/2014 Ground Level: Drilling Company: RL18.9m (approx)

Drill Method: **Hand Auger** Date Completed: 1/05/2014 Easting:

Equipment: Manual Northing:

Equipment. Interest												
٥	Water Level	(m)		Graphic Log	USCS Symbol	Material Type	Material Description	Consistency / Density	J.E	Sample / Tests	es s	Observations / Comments
Method	Water	Depth (m)	RL (m)	Graph	nscs	Materi		Consis	Moisture	ID No.	DCP blows/100mm	
							Surface: Concrete				5 10	
П				74		Ē	FILL- Concrete, 80mm.	1155				
gei		- - -	- - -				Sandy CLAY- mid brown / orange brown, low plasticity, fine to medium grained.	stiff	moist	SM010514 - 33 / 0.1-0.2m		
ומוות אמאפו		- - -	- - -		sc	Natural	becoming predominantly pale grey with red mottling.			SM010514 - 34 / 0.5-0.6m		
18.0 Line 18.0 Hole Terminated at 1.10m										SM010514 - 35 / 1.0-1.1m		
		- - -	- -				Target depth reached			1.0-1.1m		
		_	_ _ _									
		2.0	17.0 - -									>> >> >>
		_	_									DCP terminated at 2.3m, very slow to progress
		_										
		3.0	16.0									
		_ -	- -									
		- - -	- - -									
		4.0	15.0									
Moisture Additional Comments D Dry Dp Damp SM Slightly Moist M Moist W Wet Sd Saturated Logged By: Stephen McCormack Date: 1/05/2014 Checked By: Stephen McCormack Date: 13/05/2014												
N	op SM 1 M M	Mo Vei We	mp jhtly M ist y Moi:	st								
_				d By:		Sto	phen McCormack Date: 1/05/2014	ı	Chec	ked By: St	tenhen M	cCormack Date: 13/05/2014

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707	Moisture		Additional Comments
VIES BH LOG E140	D Dp SM M VM W Sd	Dry Damp Slightly Moist Moist Very Moist Wet Saturated	
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Geo Environmental Engineering Pty Ltd 82 Bridge Street Lane Cove NSW 2066

T 02 8964 6045



BH7 Hole ID.

0.90 m Hole Depth:

1 of 1 Sheet:

E14002RED Stage 1 and 2 Environmental Site Assessment Project Name: Project Number:

Location / Site: 175-177 Cleveland Street, Redfern Client: High Quality Building Pty Ltd

Geo Environmental Engineering Date Started: 1/05/2014 Ground Level: Drilling Company: RL20.2m (approx)

Drill Method: **Hand Auger** Date Completed: 1/05/2014 Easting:

Equipment: Manual Northing:

Equipment.	iai iuai					
Method Water Level Depth (m) RL (m) Graphic Log USCS Symbol	Material Description	Consistency / Density	Moisture	Sample / Tests ID No.	DCP	Observations / Comments
1.0	Surface: Concrete FILL- Concrete, 130mm. FILL- Gravelly Sand, dark brown / dark grey, fine to coarse grained sand and gravel, with large fragments of brick up to 150mm thick and a trace of silt. FILL- Gravelly Sandy Clay, dark brown / dark grey, low to medium plasticity, fine	firm	moist moist	SM010514 - 42 / 0.2-0.3m SM010514 - 43 / 0.5-0.6m SM010514 - 44 / 0.8-0.9m	5 10	DCP terminated at 2m
Moisture	Additional Comments					

GEE DAVIES BH LOG E14002RED.GPJ GEE.GDT 19/5/14 9:28:47 AM Dry Damp Slightly Moist D Dp SM M VM VM W Sd Moist Very Moist Wet

Logged By: Stephen McCormack Date: 1/05/2014 Checked By: Stephen McCormack Date: 13/05/2014

RL20.2m (approx)

Geo Environmental Engineering Pty Ltd 82 Bridge Street Lane Cove NSW 2066

T 02 8964 6045

Drilling Company:



BH8 Hole ID.

1.10 m Hole Depth:

1 of 1 Sheet:

Ground Level:

E14002RED Stage 1 and 2 Environmental Site Assessment Project Name: Project Number:

Geo Environmental Engineering

Location / Site: 175-177 Cleveland Street, Redfern Client: High Quality Building Pty Ltd

Drill Method: **Hand Auger** Date Completed: 1/05/2014 Easting:

Date Started:

1/05/2014

Manual Equipment: Northing:

_	Equipment: Manual Northing:									
Method	Water Level	Depth (m)	RL (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests	Observations / Comments
							Surface: Concrete			
		_	20.0				FILL- Concrete, 150mm. FILL- Gravelly Sand, dark brown / dark grey, fine to coarse	moist	SM010514	
iger		- -	-				FILL- Gravelly Sand, dark brown / dark grey, fine to coarse grained sand and gravel, with large fragments of brick up to 150mm thick and a trace of silt. FILL- Gravelly Sandy Clay, dark brown / dark grey, medium plasticity, fine to medium grained sand and gravel.	moist	- 36/37 / 0.2-0.3m	
Hand Auger		_	-			臣	plasticity, fine to medium grained sand and gravel.		SM010514 - 38 / 0.5-0.6m	
		1.0							SM010514	
		-	19.0 -				Practical Hand Auger Refusal at 1.10m Refusal likely caused by slab of concrete		- 39 / 1.0-1.1m	
		_	-							
		- -	-							
		2.0								
		_	_18.0 _							
		_	-							
		- - -	-							
		3.0	- - 17.0							
		_ _ _	-							
		-	-							
		4.0	-							
	Mois	sture	;				Additional Comments			
	Op Op SM M /M /W	Dry Dar Slig Mo Ver We	np htly M ist y Moi:	st			- Auditional Community			
N V S				d By:		Ste	phen McCormack Date: 1/05/2014 Ch	ecked By:	Stephen Mo	cCormack Date: 13/05/2014

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Moisture			Additional Comments	
WIES BH LOG E140	D Dp SM M VM W Sd	Dry Damp Slightly Moist Moist Very Moist Wet Saturated		
△-				

Geo Environmental Engineering Pty Ltd 82 Bridge Street Lane Cove NSW 2066

T 02 8964 6045



BH9 Hole ID.

Hole Depth: 0.55 m

1 of 1 Sheet:

E14002RED Project Name: Stage 1 and 2 Environmental Site Assessment Project Number:

Location / Site: 175-177 Cleveland Street, Redfern Client: High Quality Building Pty Ltd

1/05/2014 Drilling Company: **Geo Environmental Engineering** Ground Level: RL20.4m (approx) Drill Method: **Hand Auger** Date Completed: 1/05/2014 Easting:

Date Started:

Equipment: Manual Northing:

Equipment:						Manual			Northing:	
Method	Water Level	Depth (m)	RL (m)	Graphic Log	USCS Symbol	Material Type	Material Description	Moisture	Samples / Tests ID No.	Observations / Comments
Hand Auger	-	-	-				Surface: Wooden floor boards over concrete gap between floor boards and underlying concrete slab. FILL- Concrete, 250mm.			
Han	- - - - 1.	.0	20.0	A d d			FILL- Gravelly Sand, pale brown / brown, fine to coarse grained sand and gravel, with large fragments of brick up to 150mm thick and a trace of silt. Practical Hand Auger Refusal at 0.55m Refusal likely caused by slab of concrete	moist	SM010514 - 40/41 / 0.5-0.6m	
		-	19.0							
		3.0	18.0							
			17.0							

GEE DAVIES BH LOG E14002RED.GPJ GEE.GDT 19/5/14 9:28:48 AM Additional Comments Moisture Dry Damp Slightly Moist D Dp SM M VM VM Moist Very Moist Wet Sd

Stephen McCormack Date: 1/05/2014 Checked By: Stephen McCormack Date: 13/05/2014 Logged By: