Appendix B Site Photographs



Photo 1: Old Scottish Hospital Entrance off Cooper Street



Photo 2: Old Scottish Hospital - Cooper Street

Scottish Hospital	Project No	
Nield Street	71484	February-10
Paddington		



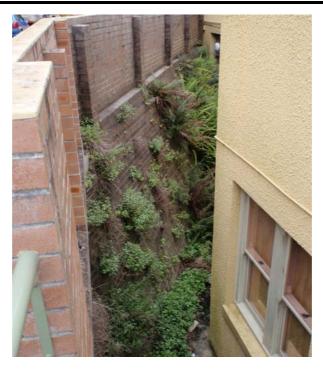


Photo 3: Retaining Wall on the Cooper street Boundary (eastern side)



Photo 4: Retaining Wall on the Cooper Street boundary (western side)

Scottish Hospital	Project No	
Nield Street	71484	February-10
Paddington		





Photo 5: Old tank on southern side of property

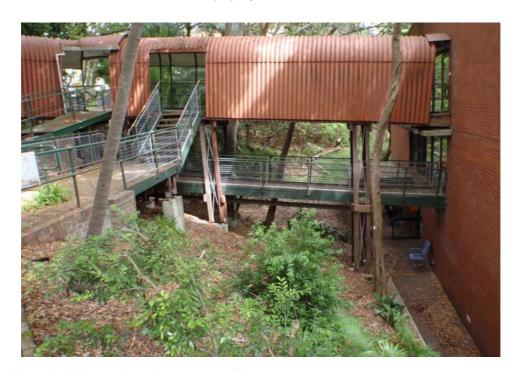


Photo 6: Walkways in south-west corner of the property

Scottish Hospital	Project No	
Nield Street	71484	February-10
Paddington		





Photo 7: Rock outcrop in south-west corner of the site



Photo 8: Floaters present adjacent to rock outcrop

Scottish Hospital	Project No	
Nield Street	71484	February-10
Paddington		





Photo 9: Rock outcrop at the base of the Morton Bag Fig Tree



Photo 10: Retaining Wall on the western boundary

Scottish Hospital	Project No	
Nield Street	71484	February-10
Paddington		



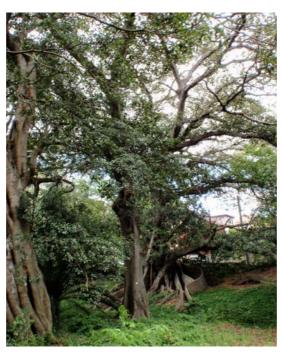


Photo 11: Fig trees on the western boundary



Photo 12: Pine Tree on western boundary

Scottish Hospital	Project No	
Nield Street	71484	February-10
Paddington		





Photo 13: Western boundary embankment sloping down from Brown Street. Existing hospital on left (east) side



Photo 14: Slope in the central section of the property. Car park at base. Operating Theatre to the left (east). Existing Hospital to the right(west).

Original hospital at the top of the slope (south).

Scottish Hospital	Project No	
Nield Street	71484	February-10
Paddington		





Photo 15: Slope in the central section of the property



Photo 16: Slope in the central section of the site

Scottish Hospital	Project No	
Nield Street	71484	February-10
Paddington		



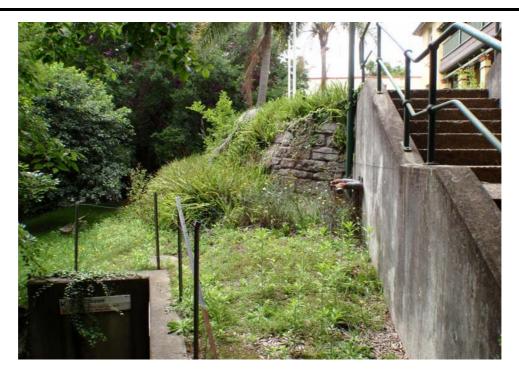


Photo 17: Retaining wall at the top of the slope



Photo 18: Old Scottish Hospital (northern side)

Scottish Hospital	Project No	
Nield Street	71484	February-10
Paddington		





Photo 19: Old Scottish Hospital (northern side) & garden terrace

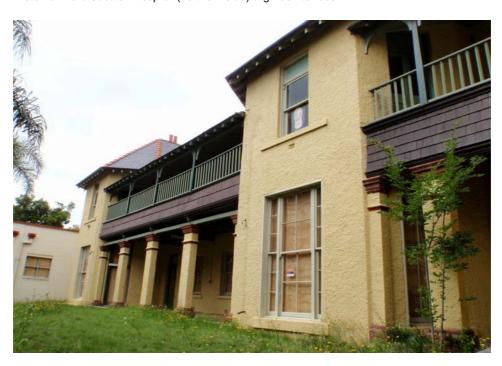


Photo 20: Old Scottish Hospital (northern side)

Scottish Hospital	Project No	
Nield Street	71484	February-10
Paddington		





Photo 21: Operating Theatre on the eastern side of the site



Photo 22: Piers below the Operating Theatre.

Scottish Hospital	Project No	
Nield Street	71484	February-10
Paddington		





Photo 23: Piers below the Theatre



Photo 24: Piers below the Theatre showing erosional channel

Scottish Hospital	Project No	
Nield Street	71484	February-10
Paddington		



Appendix C

Results of Douglas Partners Pty Ltd's (DP) Geotechnical Investigation and Environmental Assessment for the Scottish Hospital, Paddington dated May 2000 (Ref: DP Project 28538A)

CLIENT: PRESBYTERIAN AGED CARE

PROJECT: ENVIRONMENTAL/GEOTECHNICAL ASSESSMENT LOCATION: SCOTTISH HOSPITAL, PADDINGTON

PROJECT No: 28538A

SURFACE LEVEL: 15.6 AHD

DIP OF HOLE: 90'

BORE No: 1

DATE: 25-26/5/00

SHEET | OF 2

AZIMUTH:

)epth	Description	Log	Soil Cahesive	Nan- Cohes ive	Rock Strength		Sampling & In Situ Testing
(m)	of Strata	Graphic Log		Very Loase Loase Med. Dense Dense Very Dense	Ex. Low Very Low Low High Very High Ex. High	Sample Type Core Rec. %	Test Results & Comments
0.3-	BITUMINOUS CONCRETE FILLING - gravel and clayey silt filling FILLING - gravel and crushed sandstone filling FILLING - grey sand filling FILLING - poorly compacted, light grey to grey brown crushed sandstone filling.					A S	3,3,3 N=6
2 3 3.1	SAND - loose, humid, yellow brown, fine to					S	2,5,3 N=8
1	SAND — loose, humid, yellow brown, fine to medium grained sand					S	1,3,4 N=7
5.7	CLAYEY SAND — medium dense, humid, light brown yellow, fine to medium grained clayey sand					S	3,5,6 N=11
7.4 7.5	- 7.0m - orange yellow SANDSTONE - extremely low strength, extremely weathered, fractured to slightly					S	2,5,13 N=18
7.65	SANDSTONE – extremely low strength, extremely weathered, fractured to slightly fractured, light golden yellow and brown, fine and medium grained sandstone (hard sandy clay properties) with high strength ironstone bands Core loss 150mm					C 93	PL (A)=1.6MPa PL (A)=1.4MPa
9.8	SANDSTONE - see next page					-	PL (A)=1.5MPa

TYPE OF BORING: SFA TO 7.5m, NMLC CORING TO 12.0m

WATER OBSERVATIONS: FREE GROUNDWATER OBSERVED AT 7.3m WHILST AUGERING **REMARKS:**

SAMPLING & IN SITU TESTING LEGEND

A auger sample

PL point load strength I_{S} (50)MPa S standard penetration test

B bulk sample -C core drilling

Ux x mm dia. tube pp pocket penetrometer (kPa) V Shear Vane (kPa) Initials: GB Date: 22-6



CLIENT: PRESBYTERIAN AGED CARE

PROJECT: ENVIRONMENTAL/GEOTECHNICAL ASSESSMENT

LOCATION: SCOTTISH HOSPITAL, PADDINGTON

PROJECT No: 28538A

SURFACE LEVEL: 15.6 AHD

DIP OF HOLE: 90'

DATE: 25-26/5/00

SHEET 2 OF 2

AZIMUTH:

BORE No: 1

	Description	Do:	Soil	Nan-	Rock Strength	5	ampling & In Situ Testing
Depth (m)	of Strata	Graphic Log	Cohes ive	Loose SA Med. Dense SA Med. Dense SA Med. Dense A Mery Dense A Mery Dense Mery Dense		Sample Type Core Rec. %	Test Results S Comments
10	SANDSTONE - high strength, moderately and slightly weathered, fractured to slightly fractured, light yellow brown and grey white, medium to coarse grained sandstone with medium strength bands						PL (A)=0.5MPa
-11 - - - - - -	- 10.81m: 25-30mm carbonaceous laminae					100 8	PL (A)=2.5MPa
-12 12.0 1-12 12.0	TEST BORE DISCONTINUED AT 12.0 METRES						
-1 3							
-14							
- 15							
-16 -	·						
-1 7							
-18 							
-19 -19 							

RIG: TWIN STEER

DRILLER: DRIVER

LOGGED: PARMAR

TYPE OF BORING: SFA TO 7.5m, NMLC CORING TO 12.0m

WATER OBSERVATIONS: FREE GROUNDWATER OBSERVED AT 7.3m WHILST AUGERING **REMARKS:**

SAMPLING & IN SITU TESTING LEGEND

A auger sample B bulk sample C core drilling

PL point load strength I_s (50)MPa S standard penetration test

Ux x mm dia. tube

pp pocket penetrometer (kPa)

V Shear Vane (kPa)





CLIENT: PRESBYTERIAN AGED CARE

PROJECT: ENVIRONMENTAL/GEOTECHNICAL ASSESSMENT

LOCATION: SCOTTISH HOSPITAL, PADDINGTON

PROJECT No: 28538A

SURFACE LEVEL: 15.8 AHD

DIP OF HOLE: 90'

DATE: 25-26/5/00

SHEET 1 OF 2

AZIMUTH:

BORE No: 2

De	epth	Description	Log	_	Cahesive	So	Non- Cohes	ive	Rock Streng				Samp	oling & In Situ Testing
	(m)	of Strata	Graphic Log	Ser.		را ا الازار	نوا انو		Ex. Low Very Low Low Hedium	Kery High Ex. High	Sample Type	Core Rec. %	RQD %	Test Results S Comments
0	0.04 0.1 0.3	# BITUMINOUS CONCRETE FILLING - blue metal gravel FILLING - grey sand filling FILLING - sand and crushed sandstone filling		X X X X X X X X X X X X X X X X X X X		X		8 5 1 1 1 1 1 1 1 1 1				U.		7,13,11
-2		brown, fine to medium grained sand									S			N=24
	2.7	SAND — medium dense, damp to humid, light brown yellow and orange yellow, fine to medium grained, slightly clayey sand						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			N			N=14
4						1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1		1			S			3,8,8 N=16
6	5.4 6.45	SANU - medium dense, numid, light orange red and yellow, fine to medium grained sand with a trace of clay									S			8,10,16 N=26
	7.65	Core loss 300mm					11				С	82	11	
8		SANDSTONE - medium then high strength, moderately and slightly weathered, slightly fractured, light yellow brown and grey, fine and medium grained sandstone with extremely low strength bands - 8.4m:J 85' rough planar - 8.48m:J 60' slightly rough planar infilled with 2-3mm sandy clay				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1				С	100	82	PL (A)=0.5MPa PL (A)=0.6MPa
)	- 9.62m:J 70° rough planar				1 1		 						PL (A)=1.3MPa

DRILLER: DRIVER

LOGGED: PARMAR

CASING: GL TO 5.5m

TYPE OF BORING: SFA-5.5m, ROTARY (MUD)- 6.4m, NMLC CORING-10.55m WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED WHILST AUGERING

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A auger sample

PL point load strength I_s (50)MPa S standard penetration test

B bulk sample C core drilling

Ux x mm dia. tube

pp pocket penetrometer (kPa) V Shear Vane (kPa) Initials: $\mathcal{G}\mathcal{B}$



CLIENT:

PRESBYTERIAN AGED CARE

PROJECT No: 28538A

SURFACE LEVEL: 15.8 AHD

BORE No: 2 DATE: 25-26/5/00

PROJECT: ENVIRONMENTAL/GEOTECHNICAL ASSESSMENT

SHEET 2 OF 2

LOCATION: SCOTTISH HOSPITAL, PADDINGTON

DIP OF HOLE: 90'

AZIMUTH:

Rock Sampling & In Situ Testing ρ̈́

Depth	Description	Ĭ		Cahes	ive	D	Non- ohesiv	re		Stre	ength	1				ping a in Situ resting
(m)	of	Graphic Log	# S	1 1	Stiff	Loose	len l	Dense	8 8	1 1	 	Very High Ex. High	Sample Type	Core Rec. %	D %	Test Results & Comments
	Strata	Ğ	e le		Stiff Very Stif	ا دور ا دور		Yer Je	ر اور اور) š	종 포 원 원	E e	Sar	ŭě	œ	Comments
10	SANDSTONE - as above		1	1 1		1	1 1		1	1 1		1 1		100		
	- 10.3m to 10.55m - very low to low		1 :	1 1		1 1	 	- 1		H	-		С	100	82	PL (A)=0,1MPa
10.55	strength TEST BORE DISCONTINUED AT 10.55	ــــــــــــــــــــــــــــــــــــــ	Ħ	+-+		+	; ;		\pm	-		\vdash			-	FL (A)-O, IMI B
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RIG: TWIN STEER

DRILLER: DRIVER

LOGGED: PARMAR

TYPE OF BORING: SFA-5.5m, ROTARY (MUD)- 6.4m, NMLC CORING-10.55m

WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED WHILST AUGERING **REMARKS:**

SAMPLING & IN SITU TESTING LEGEND

A auger sample B bulk sample

PL point load strength I_s (50)MPa

S standard penetration test

C core drilling

Ux x mm dia. tube pp pocket penetrometer (kPa) V Shear Vane (kPa)





CLIENT: PRESBYTERIAN AGED CARE

PROJECT: ENVIRONMENTAL/GEOTECHNICAL ASSESSMENT

LOCATION: 74 BROWN STREET, PADDINGTON

PROJECT No: 28538A

SURFACE LEVEL: 19.3 AHD

DIP OF HOLE: 90'

BORE No: 3 **DATE: 15/6/00** SHEET 1 OF 2

AZIMUTH:

	Description	D.	SOII Cahesive Cahesive	Rock Strength		Samp	oling & In Situ Testing
Depth (m)	of Strata	Graphic Log	إين الوالواليوا اليل		Sample Type Core Rec. %	RGD %	Test Results & Comments
0.6	FILLING – dark grey sand filling FILLING – very loose to loose, dark brown to brown, very fine grained sand filling with a trace of clay and root				S		1,2,3 N=5
2.5	SAND — medium dense, light yellow, brown, fine to medium grained sand				S		2,5,6 N=11
4					S		7,10,15 N=25
· · · · · · · · · · · · · · · · · · ·					S		9,14,14 N=28
7 7.0	SANDSTONE – extremely low strength, extremely weathered, light yellow brown sandstone				S		12,19,18 N=37
-8 - -9 8.99	- 8.6m - 8.89m - Iow to medium strength - 8.84m:J 30° rough planar - 8.95m:Core loss 1200mm due to extremely low strength sandstone				S 65	48	PL (A)=0.3MPa

DRILLER: KIERNAN

LOGGED: PARMAR

CASING: HW TO 2.5m

TYPE OF BORING: SFA-2.5m,ROTARY (MUD)-8.6m,NMLC CORING TO 16.0m WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED WHILST AUGERING REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A auger sample B bulk sample

PL point load strength $I_{\rm S}$ (50)MPa S standard penetration test

C core drilling

Ux x mm dia. tube V Shear Vane (kPa) pp pocket penetrometer (kPa)

CHECKED: Initials: GBDate: 28.6



CLIENT: PRESBYTERIAN AGED CARE

PROJECT: ENVIRONMENTAL/GEOTECHNICAL ASSESSMENT

LOCATION: 74 BROWN STREET, PADDINGTON

PROJECT No: 28538A

SURFACE LEVEL: 19.3 AHD

DIP OF HOLE: 90'

BORE No: 3 **DATE:** 15/6/00 **SHEET** 2 **OF** 2

AZIMUTH:

Depth	Description	Log		Cohes		Soil	Non- Cabesive		Ro Strei					Sam	pling & In Situ Testing
(m)	of Strata	Graphic Log	ary Saft	1517 1517 1517 1517 1517 1517 1517 1517	Stiff Very Stiff	Hard	ا لوا او	Very Dense	10 No.	High	F. High	Sample Type	Core Rec. %	₽02 %	Test Results ຣ Comments
10.15 10.2 10.6	SANDSTONE - as before SANDSTONE - low to medium strength, highly weathered, light yellow brown, medium grained sandstone - 10.43m:J 70' rough SANDSTONE - medium to high then high strength, slightly weathered, slightly fractured, light grey, fine to medium grained sandstone			1 1								S	65	48	PL (A)=0.9MPa PL (A)=1.0MPa PL (A)=1.3MPa
13 13	- 12.7m to 12.75m - with carbonaceous laminae - 13.45m - 5-6mm low strength siltstone				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1						С	100	97	PL (A)=2.0MPa PL (A)=2.9MPa
14.32	- 14.1m:B 20° rough planar with 2-3mm silty carbonaceous laminae SANDSTONE - high strength, fresh, slightly fractured to unbroken, light grey, medium to coarse grained sandstone - 14.31m: 2-3mm carbonaceous laminae											4 10 0			PL (A)=2.9MPa PL (A)=2.3MPa
-16 16.O-	TEST BORE DISCONTINUED AT 16.0 METRES				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1							C	100	100	
H8											1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				
					-1							:			

DRILLER: KIERNAN

LOGGED: PARMAR

TYPE OF BORING: SFA-2.5m,ROTARY (MUD)-8.6m,NMLC CORING TO 16.0m
WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED WHILST AUGERING
REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A auger sample

PL point load strength I_s (50)MPa

B bulk sample

S standard penetration test Ux x mm dia. tube

C core drilling pp pocket penetrometer (kPa)

V Shear Vane (kPa)

Initials: CB



CLIENT: PRESBYTERIAN AGED CARE

PROJECT: ENVIRONMENTAL/GEOTECHNICAL ASSESSMENT

LOCATION: 74 BROWN STREET, PADDINGTON

PROJECT No: 28538A

SURFACE LEVEL: 21.2 AHD

DIP OF HOLE: 90'

DATE: 9-14/6/00

BORE No: 4

SHEET 1 OF 2

AZIMUTH:

Doct	Description	Bo₁	Soil Cohesive	Non- Cohesive	Rock Strength		Sampling & In Situ Testing			
Depth (m)	of Strata	Graphic Log	Saft Saft Saft Saft Stiff Stiff Saft Saft Saft Saft Saft Saft Saft Sa	Logse Logse Logse Dense Bengal Med. Dense Mery Dense Me	Ex. Low	Sample Type	Rec. %	Test Results & Comments		
- - - - - - - - - - - - -	FILLING – dark brown sand filling FILLING – very loose to loose, dark brown, fine grained, slightly clayey sand filling with a trace of root					Ø		1,2,3 N=5		
-2 - 2.5	SAND - loose then medium dense, light brown yellow, fine to medium grained sand					S		3,4,5 N=9		
4						S		6,9,12 N=21		
-5 -5 6	– 5.5m to 6.8m – very dense					S		11,25/ref		
6.8 -7 7 7.35	strength, moderately weathered, slightly					S		25/110mm ref <u>PL (A)=0.3MPa</u>		
-8 8.0 8.25 8.52	fractured, light yellow brown, medium grained sandstone – B.Om:Core loss 250mm due to extremely weathered sandstone	X				С	85 79	PL (A)=0.6MPa PL (A)=0.8MPa		
φ						С	100 95			

DRILLER: KIERNAN

LOGGED: PARMAR

CASING: GL TO 2.5m

TYPE OF BORING: SFA-2.5m, ROTARY (MUD)-7.35m, NMLC CORING TO 16.1m WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED WHILST AUGERING **REMARKS:**

SAMPLING & IN SITU TESTING LEGEND

A auger sample

PL point load strength I_s (50)MPa

S standard penetration test B bulk sample

C core drilling

Ux x mm dia. tube pp pocket penetrometer (kPa) V Shear Vane (kPa)

CHECKED: Initials: 6B 28.6



CLIENT:

PRESBYTERIAN AGED CARE

PROJECT: ENVIRONMENTAL/GEOTECHNICAL ASSESSMENT

LOCATION: 74 BROWN STREET, PADDINGTON

PROJECT No: 28538A

SURFACE LEVEL: 21.2 AHD

DIP OF HOLE: 90'

BORE No: 4 **DATE:** 9-14/6/00

SHEET 2 OF 2

AZIMUTH:

ļ	D		Description	Бo	So	Non- Cohesive	Rock Strength		Sam	pling & In Situ Testing
	Dep (m		of Strata	Graphic Log		Very Loose Loose Ned. Dense	-	Sample Type Core	Rec. %	Test Results & Comments
	10		SANDSTONE - medium then high strength, slightly weathered, slightly fractured, light grey, medium to coarse grained sandstone - 10.59m: 1-2mm carbonaceous laminae		S S L S S X X X X X X X X				00 95	PL (A)=1.5MPa
	ŀ	11.58 11.82-	- 11.58m to 11.82m - medium strength laminated siltstone							PL (A)=0.4MPa
	<u></u>	12.11	- 11.82m to 12.11m - low to medium strength laminated sandstone SANDSTONE - high strength, fresh, slightly fractured, light grey, fine to medium grained sandstone - 12.57m to 12.73m - with carbonaceous laminae							PL (A)=0.3MPa
C))							C 10	00 99	PL (A)=1.6MPa
	-14	4.59-	SANDSTONE – high strength, fresh,							PL (A)=1.8MPa PL (A)=2.3MPa
	15		slightly fractured, light grey, medium to coarse grained sandstone					C 11	00 98	PL (A)=1.2MPa
	-16 - - - - - -	16.1	- 15.87m:J 50° rough planar TEST BORE DISCONTINUED AT 16.1 METRES	<u> ::</u>						
	[- 7)									
	-18							-		
	- -19 -									

RIG: GEMCO

DRILLER: KIERNAN

LOGGED: PARMAR

CASING: GL TO 2.5m

TYPE OF BORING: SFA-2.5m, ROTARY (MUD)-7.35m, NMLC CORING TO 16.1m WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED WHILST AUGERING REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A auger sample

B bulk sample

PL point load strength I_s (50)MPa S standard penetration test

C core drilling

Ux x mm dia. tube pp pocket penetrometer (kPa) V Shear Vane (kPa) CHECKED:

Initials: 6B

Date: 28.6



CLIENT:

PRESBYTERIAN AGED CARE

DATE: 24 MAY 00

BORE No. 101

PROJECT: CONTAMINATION/GEOTECHNICAL ASSESSMENT

PROJECT No.: 28538A

SHEET 1 OF 1

LOCATION: SCOTTISH HOSPITAL, PADDINGTON

SURFACE LEVEL: 15.9 AHD

	Description		Sampling & 3	In Situ Testing	
Depth m	of Strata	Туре	Depth (m)	Results	Headspace PID (ppm)
0	FILLING - loose, brown silty sand filling, humid with some vegetation	A	0.2		1
0.3	FILLING — loose, light brown and brown silty sand filling with crushed sandstone fragments (<30mm)				
	TEST BORE DISCONTINUED AT 0.4 METRES - due to refusal			·	
				·	
				·	

RIG: HAND TOOLS

DRILLER: LYNG

LOGGED: LYNG

CASING: NONE

TYPE OF BORING: 100mm DIAMETER AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A auger sample B bulk sample C core drilling

pp Pocket Penetration (kPa)

PL point load, strength I_s (50)MPa

S standard penetration test

Ux x mm dia. tube

V shear vane (kPa)





CLIENT: PRESBYTERIAN AGED CARE

DATE: 24 MAY 00

BORE No. 102

PROJECT: CONTAMINATION/GEOTECHNICAL ASSESSMENT

PROJECT No.: 28538A

SHEET 1 OF 1

LOCATION: SCOTTISH HOSPITAL, PADDINGTON

SURFACE LEVEL: 22.9 AHD

	Description		Sampling &	In Situ Testing	
Depth m	of Strata	Туре	Depth (m)	Results	Headspac PID (ppm)
	FILLING — loose, brown silty sand, damp, with some vegetation				
	- pieces of broken brick from 0.25m	A	0.25		2
	- fragments of shale (40mm) from 0.3m				E
0.43	FILLING — loose, grey and light grey, medium grained sand filling, damp with crushed bricks	A	0.5		1
		A	1.0		
1.15	- crushed sandstone (up to 60mm) from 1.1m				
	SAND – loose, orange brown and dark brown sand, damp				
1.4	TEST BORE DISCONTINUED AT 1.4 METRES - target depth reached	A	1.4		1
×					

RIG: HAND TOOLS

DRILLER: LYNG

LOGGED: LYNG

CASING: NONE

TYPE OF BORING: 100mm DIAMETER AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A auger sample

pp Pocket Penetration (kPa)

PL point load strength I_s (50)MPa S standard penetration test

B bulk sample C core drilling

Ux x mm dia. tube

V shear vane (kPa)





CLIENT: PRESBYTERIAN AGED CARE

DATE: 24 MAY 00

BORE No. 103

PROJECT: CONTAMINATION/GEOTECHNICAL ASSESSMENT

PROJECT No.: 28538A

SHEET 1 OF 1

LOCATION: SCOTTISH HOSPITAL, PADDINGTON

SURFACE LEVEL: 21.1 AHD

	Description		Sampling &	In Situ Testing	
Depth m	of Strata	Type	Depth (m)	Results	Headspac PID (ppm)
0	FILLING — loose, dark brown silty sand filling, humid to damp with some vegetation				
		A .	0.3		1
	- 0.5m to 0.6m - glass and crushed sandstone				
1	- brown sand from 0.8m				
1.25					
	SAND — loose, light brown mottled orange brown sand, damp	A	1.3		3
1.6	TEST BORE DISCONTINUED AT 1.6 METRES - target depth reached	Α	1.6		2
-					

RIG: HAND TOOLS

DRILLER: LYNG

LOGGED: LYNG

CASING: NONE

TYPE OF BORING: 100mm DIAMETER AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A auger sample B bulk sample C core drilling

pp Pocket Penetration (kPa)

PL point load strength $I_{\rm S}$ (50)MPa

S standard penetration test Ux x mm dia. tube

V shear vane (kPa)

Initials: KML



CLIENT: PRESBYTERIAN AGED CARE

DATE: 24 MAY 00

BORE No. 104

PROJECT: CONTAMINATION/GEOTECHNICAL ASSESSMENT

PROJECT No.: 28538A

SHEET 1 OF 1

LOCATION: SCOTTISH HOSPITAL, PADDINGTON

SURFACE LEVEL: 20.3 AHD

	Description		Sampling & In Situ Testing								
Depth m	of Strata	Туре	Depth (m)	Results	Headspac PID (ppm)						
0	FILLING - loose, dark brown silty sand filling with rootlets										
	- brown from 0.35m	A A	0.35		4						
	- crushed sandstone 0.5m to 0.9m										
1 1.0 -	SAND - loose, orange brown and brown sand,										
1.4		A	1.4		2						
	TEST BORE DISCONTINUED AT 1.4 METRES - target depth reached										
					-						
2 -											

RIG: HAND TOOLS

DRILLER: LYNG

LOGGED: LYNG

CASING: NONE

TYPE OF BORING: 100mm DIAMETER AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A auger sample B bulk sample C core drilling

pp Pocket Penetration (kPa)

PL point load strength $\rm I_S$ (50)MPa S standard penetration test

.Ux x mm dia. tube

V shear vane (kPa)





CLIENT:

PRESBYTERIAN AGED CARE

DATE: 24 MAY 00

BORE No. 105

PROJECT: CONTAMINATION/GEOTECHNICAL ASSESSMENT

PROJECT No.: 28538A

SHEET 1 OF 1

LOCATION: SCOTTISH HOSPITAL, PADDINGTON

SURFACE LEVEL: 20.3 AHD

	Description		Sampling & In Situ Testing				
Depth m	of Strata	Туре	Depth (m)	Results	Headspac PID (ppm)		
	FILLING – dark brown silty sand filling with rootlets						
	- becoming brown with crushed brick (<50mm) at 0.4m	A	0.4		1		
	– crushed sandstone from 0.8m	A	1.0		2		
1.4	SAND - loose, orange brown and brown, medium grained sand TEST BORE DISCONTINUED AT 1.5 METRES - target depth reached	A*	1.5		1		

RIG: HAND TOOLS

DRILLER: LYNG

LOGGED: LYNG

CASING: NONE

TYPE OF BORING: 100mm DIAMETER AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS: *DENOTES DUPLICATE SAMPLE MI TAKEN

SAMPLING & IN SITU TESTING LEGEND

A auger sample

PL point load strength $I_{\rm S}$ (50)MPa S standard penetration test

B bulk sample C core drilling

pp Pocket Penetration (kPa)

Ux x mm dia. tube

V shear vane (kPa)

Initials: KML



CLIENT:

PRESBYTERIAN AGED CARE

DATE: 24 MAY 00

BORE No. 106

PROJECT: CONTAMINATION/GEOTECHNICAL ASSESSMENT

PROJECT No.: 28538A

SHEET 1 OF 1

LOCATION: SCOTTISH HOSPITAL, PADDINGTON

SURFACE LEVEL: 19.4 AHD

	Description		Sampling & In Situ Testing				
epth m	of Strata		Туре	Depth (m)	Results	Headspac PID (ppm)	
	FILLING — loose, dark brown silty sand filling with rootlets						
	- brown from 0.5m		A	0.45		3	
0.6	FILLING — loose, medium grained grey and brown sand with some black ash material — broken ceramic at 0.65m		A	0.7		1	
	— light brown grey from 1.0m						
1.2	SAND — loose, light grey, medium grained sand, humid						
1.3	SAND – light brown, medium grained sand, humid		А	1.4		2	
1.5	SAND — orange brown and brown, medium grained sand						
1.7	TEST BORE DISCONTINUED AT 1.7 METRES - target depth reached]: : : :	A	1.7		3	

RIG: HAND TOOLS

DRILLER: LYNG

LOGGED: LYNG

CASING: NONE

TYPE OF BORING: 100mm DIAMETER AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A auger sample B bulk sample C core drilling

pp Pocket Penetration (kPa)

PL point load strength $I_{\rm S}$ (50)MPa

S standard penetration test

Ux x mm dia. tube

V shear vane (kPa)





CLIENT:

PRESBYTERIAN AGED CARE

DATE: 24 MAY 00

BORE No. 107

PROJECT: CONTAMINATION/GEOTECHNICAL ASSESSMENT

PROJECT No.: 28538A

SHEET 1 OF 1

LOCATION: SCOTTISH HOSPITAL, PADDINGTON

SURFACE LEVEL: 18.4 AHD

	Description		Sampling &	In Situ Testing	
Depth m	of Strata	Туре	Depth (m)	Results	Headspac PID (ppm)
0.4 -	FILLING - dark brown silty sand filling with organic material - brown from 0.35m with crushed sandstone FILLING - brown sand filling with roots	A	0.3		2
0.85	TEST BORE DISCONTINUED AT 0.85 METRES - auger refusal on roots	A * 1	0.85		1
					1

RIG: HAND TOOLS

DRILLER: LYNG

LOGGED: LYNG

CASING: NONE

TYPE OF BORING: 100mm DIAMETER AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A auger sample B bulk sample

PL point load strength $I_{\rm S}$ (50)MPa S standard penetration test

C core drilling pp Pocket Penetration (kPa) Ux x mm dia. tube V shear vane (kPa)

CHECKED: Initials: KM

Date: 15.6.00



CLIENT:

PRESBYTERIAN AGED CARE

DATE: 24 MAY 00

BORE No. 108

PROJECT: CONTAMINATION/GEOTECHNICAL ASSESSMENT

PROJECT No.: 28538A

SHEET | OF |

LOCATION: SCOTTISH HOSPITAL, PADDINGTON

SURFACE LEVEL: 27.1 AHD

	Description		Sampling & In Situ Testing				
Depth m	of Strata	Туре	Depth (m)	Results	Headspac PID (ppm)		
0	FILLING – dark brown silty sand flling with organics, rootlets and crushed bricks	A*	0.25		2		
0.3	TEST BORE DISCONTINUED AT 0.3 METRES - auger refusal on filling						
·							
		,					
		,					

RIG: HAND TOOLS

DRILLER: LYNG

LOGGED: LYNG

CASING: NONE

TYPE OF BORING: 100mm DIAMETER AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS: *DENOTES DUPLICATE SAMPLE M2 TAKEN

REDRILLED AT 2 LOCATIONS CLOSE BY, REFUSAL AT 0.25m AND 0.3m

SAMPLING & IN SITU TESTING LEGEND

A auger sample

PL point load strength $I_{\rm S}$ (50)MPa S standard penetration test

B bulk sample C core drilling

Ux x mm dia. tube

pp Pocket Penetration (kPa) V shear vane (kPa)



CLIENT:

PRESBYTERIAN AGED CARE

DATE: 2 JUNE 00

BORE No. 109

PROJECT: CONTAMINATION/GEOTECHNICAL ASSESSMENT

PROJECT No.: 28538A

SHEET 1 OF 1

LOCATION: SCOTTISH HOSPITAL, PADDINGTON

SURFACE LEVEL: 16.5m AHD

	Description		Sampling & In Situ Testing				
Depth m	of Strata	Туре	Depth (m)	Results	Headspac PID (ppm)		
0	FILLING - brown sand filling with vegetation			,	2		
0.3	TEST BORE DISCONTINUED AT 0.3 METRES - refusal on roots	A	0.3				
-							
·			·				

RIG: HAND TOOLS

DRILLER: LYNG

LOGGED: LYNG

CASING: NONE

TYPE OF BORING: 100mm DIAMETER HAND AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A auger sample B bulk sample C core drilling

pp Pocket Penetration (kPa)

PL point load strength $I_{\rm S}$ (50)MPa

S standard penetration test

Ux x mm dia. tube

V shear vane (kPa)



CLIENT:

PRESBYTERIAN AGED CARE

DATE: 2 JUNE 00

BORE No. 110

PROJECT: CONTAMINATION/GEOTECHNICAL ASSESSMENT

PROJECT No.: 28538A

SHEET 1 OF 1

LOCATION: SCOTTISH HOSPITAL, PADDINGTON

SURFACE LEVEL: 18.5 AHD

	Description		Sampling & In Situ Testing				
Depth m	of Strata	Туре	Depth (m)	Results	Headspac PID (ppm)		
	FILLING - brown silty sand filling with vegetation - sandstone fragments (up to 30mm) from 0.15m	A -	0.25		1		
0.6 -	SAND - orange brown and brown, medium grained sand TEST BORE DISCONTINUED AT 0.7 METRES - target depth reached	A	0.7		3		
			·				

RIG: HAND TOOLS

DRILLER: LYNG

LOGGED: LYNG

CASING: NONE

TYPE OF BORING: 100mm DIAMETER HAND AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A auger sample B bulk sample C core drilling

pp Pocket Penetration (kPa)

PL point load strength I_s (50)MPa S standard penetration test

Ux x mm dia. tube

V shear vane (kPa)





Appendix D

Results of DP's Geotechnical Investigation for the Scottish Hospital, Paddington dated September 1999 (Ref: DP Project 28538)

CLIENT:

NOEL BELL, RIDLEY SMITH & PARTNERS PTY LTD

DATE: 28 SEPTEMBER 99

BORE No. 17 201.

PROJECT: SCOTTISH HOSPITAL

PROJECT No.: 28538

SHEET 1 OF 1

LOCATION: STEPHEN STREET, PADDINGTON

SURFACE LEVEL: APPROXIMATE RL 19.5

	Description		Sampling &	In Situ Testing	
Depth m	of Strata	Туре	Depth (m)	Test Results	Core Recovery %
-0	FILLING – very loose to loose, dark brown sand, slightly silty filling with some vegetation (topsoil)				
0.2	FILLING — very loose to loose, brown to light brown sand filling with trace amounts of ash and rootlets				
-		A	0.5		
)					
- - -1					
1.2	TENT DODE DISCONTINUED AT AN METRES	A	1.2		
•	TEST BORE DISCONTINUED AT 1.2 METRES		·		
				-	
-2					
-					
-					

RIG: HAND TOOLS

DRILLER: BOYD LOGGED: BOYD

CASING: NONE

TYPE OF BORING: HAND AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A Auger sample B Bulk sample

HV Hand Vane

M Moisture content (%)

D Disturbed sample

pp Pocket Penetration (kPa) Ux x mm dia. tube Wp Plasite limit (%)

CHECKED: Initials: 占的



CLIENT: NOEL BELL, RIDLEY SMITH & PARTNERS PTY LTD

DATE: 28 SEPTEMBER 99

BORE No. 2⁷ 202

PROJECT: SCOTTISH HOSPITAL

PROJECT No.: 28538

SHEET 1 OF 1

LOCATION: STEPHEN STREET, PADDINGTON

SURFACE LEVEL: APPROXIMATE RL 19.5

	Description		Sampling & In Situ Testing					
Depth m	of Strata	Ту	ре	Depth (m)	Test Results	Core Recovery		
0.0	FILLING - very loose to loose, dark brown sand, slightly silty filling with some vegetation (topsoil)							
0.2	FILLING - very loose to loose, brown to light brown sand filling with some rootlets and trace amounts of ash							
				0.5				
1.2	TEST BORE DISCONTINUED AT 1.2 METRES			1.0				
	PEST BOILE BISCONTINGED AT 12 METHES							

RIG: HAND TOOLS

DRILLER: BOYD

LOGGED: BOYD

CASING: NONE

TYPE OF BORING: HAND AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A Auger sample

HV Hand Vane

M Moisture content (%) pp Pocket Penetration (kPa)

B Bulk sample D Disturbed sample

Ux x mm dia. tube Wp Plasitc limit (%)

CHECKED: Initials: GA



CLIENT:

NOEL BELL, RIDLEY SMITH & PARTNERS PTY LTD

PROJECT: SCOTTISH HOSPITAL

LOCATION: STEPHEN STREET, PADDINGTON

DATE: 28 SEPTEMBER 99

BORE No. 2 203.

PROJECT No.: 28538

SHEET 1 OF 1

SURFACE LEVEL: APPROXIMATE RL 21.5

	Description		Sampling & In Situ Testing					
Depth m	of Strata	Туре	Depth (m)	Test Results	Core Recovery			
0	FILLING — very loose to loose, dark brown silty sand filling with some vegetation (topsoil)							
0.45	FILLING - very loose to loose, dark brown sand filling with some rootlets and trace amounts of ash	Å	0.5					
0.8	TEST BORE DISCONTINUED AT 0.8 METRES - refusal on tree root							
1								
2								

RIG: HAND TOOLS

DRILLER: BOYD

LOGGED: BOYD

CASING: NONE

TYPE OF BORING: HAND AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A Auger sample

HV Hand Vane

M Moisture content (%) pp Pocket Penetration (kPa)

B Bulk sample D Disturbed sample

Ux x mm dia. tube Wp Plasite limit (%)



CLIENT:

NOEL BELL, RIDLEY SMITH & PARTNERS PTY LTD

DATE: 28 SEPTEMBER 99

BORE No. A 204.

PROJECT: SCOTTISH HOSPITAL

PROJECT No.: 28538

SHEET ! OF !

LOCATION: STEPHEN STREET, PADDINGTON

SURFACE LEVEL: APPROXIMATE RL 20.8

	Description		Sampling &	In Situ Testing	
epth m	of Strata	Туре	Depth (m)	Test Results	Core Recovery
0.2	FILLING — loose, brown silty sand filling with some vegetation, gravel and crushed sandstone cobbles				
	FILLING - very loose to loose, brown to light brown silty sand filling with trace amounts of ash and rootlets				
		A A	0.5		
) 0.8					
	FILLING - loose, light grey silty sand filling with some rootlets and trace amounts of ash				
1.0	FILLING - loose, brown and black silty clayey sand filling with trace amounts of ash and rootlets	A	1.0		
1.3	SAND - loose to medium dense, light grey sand with some rootlets				
1,0	SAND - loose to medium dense, yellow brown sand and some rootlets becoming darker with depth	· .			
		A	1.5		
:					
2.1		A	2.0		
2.1	TEST BORE DISCONTINUED AT 2.1 METRES				

RIG: HAND TOOLS

DRILLER: BOYD

LOGGED: BOYD

CASING: NONE

TYPE OF BORING: HAND AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A Auger sample

B Bulk sample

M Moisture content (%)

D Disturbed sample HV Hand Vane

pp Pocket Penetration (kPa) Ux x mm dia. tube

Wp Plasite limit (%)

Initials: GA 29.4

CHECKED:



CLIENT:

NOEL BELL, RIDLEY SMITH & PARTNERS PTY LTD

PROJECT: SCOTTISH HOSPITAL

LOCATION: STEPHEN STREET, PADDINGTON

DATE: 28 SEPTEMBER 99

BORE No. 5

PROJECT No.: 28538

SHEET 1 OF 1

SURFACE LEVEL: APPROXIMATE RL 23.0

	D	.11	Description		Sampling &	In Situ Testing	
	Dep r		of Strata	Туре	Depth (m)	Test Results	Core Recovery %
			FILLING — very loose to loose, dark brown silty slightly clayey sand filling with some brick fragments				
		0.4	FILLING — very loose to loose, brown silty sand filling with some ironstone gravel and ash	A	0.5		
		0.7	FILLING — very loose to loose, light and dark grey sand filling with some rootlets and			·	
	•	-	trace amounts of ash	A	0.9		
	-1	1.0	FILLING — very loose to loose, dark brown clayey sand filling with some ironstone gravel, rootlets and trace amounts of ash FILLING — very loose to loose, light and dark grey sand filling with some rootlets and trace amounts of ash	A	1.0		
				A	1.5		
)	1.7	SAND - loose to medium dense, yellow brown mottled dark brown sand with some weakly cemented sand			·	
-	-2	2.0	TEST BORE DISCONTINUED AT 2.0 METRES	A	2.0		
-							

RIG: HAND TOOLS

DRILLER: BOYD

LOGGED: BOYD

CASING: NONE

TYPE OF BORING: HAND AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A Auger sample

HV Hand Vane

M Moisture content (%) pp Pocket Penetration (kPa)

B Bulk sample D Disturbed sample

Ux x mm dia. tube Wp Plasite limit (%)

CHECKED: Initials: 68



CLIENT:

NOEL BELL, RIDLEY SMITH & PARTNERS PTY LTD

DATE: 28 SEPTEMBER 99

BORE No. 27 204.

PROJECT: SCOTTISH HOSPITAL

PROJECT No.: 28538

SHEET 1 OF 1

LOCATION: STEPHEN STREET, PADDINGTON

SURFACE LEVEL: APPROXIMATE RL 24.5

	Description		Sampling & I	n Situ Testing	
Depth m	of Strata	Туре	Depth (m)	Test Results	Core Recovery %
	FILLING - very loose to loose, dark brown silty sand filling with some crushed sandstone cobbles				
- 0.4	TEST BORE DISCONTINUED AT 0.4 METRES - refusal on tree root	<u>*</u>			
-1 [·
-					
-					
-					
-2					
-					
-					
-					

RIG: HAND TOOLS

DRILLER: BOYD

LOGGED: BOYD

CASING: NONE

TYPE OF BORING: HAND AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A Auger sample

M Moisture content (%) pp Pocket Penetration (kPa)

B Bulk sample D Disturbed sample HV Hand Vane

Ux x mm dia. tube

Wp Plasitc limit (%)

CHECKED: Initials: 68



CLIENT:

NOEL BELL, RIDLEY SMITH & PARTNERS PTY LTD

DATE: 28 SEPTEMBER 99

BORE No. BA7206A

PROJECT: SCOTTISH HOSPITAL

PROJECT No.: 28538

SHEET | OF |

LOCATION: STEPHEN STREET, PADDINGTON

SURFACE LEVEL: APPROXIMATE RL 24.8

	Description		Sampling &	In Situ Testing	
Depth m	of Strata	Туре	Depth (m)	Test Results	Core Recovery %
- 0.3	FILLING - very loose to loose, dark brown silty sand filling with some gravel TEST BORE DISCONTINUED AT 0.3 METRES - refusal on tree root	×××××××××××××××××××××××××××××××××××××××			
- - -					
9					
- -1 -					
• • •					
[] -				·	
-2 -					
-					

RIG: HAND TOOLS

DRILLER: BOYD

LOGGED: BOYD

CASING: NONE

TYPE OF BORING: HAND AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A Auger sample

HV Hand Vane

M Moisture content (%)

B Bulk sample D Disturbed sample

Ux x mm dia. tube Wp Plasitc limit (%)

pp Pocket Penetration (kPa)





CLIENT: NOEL BELL, RIDLEY SMITH & PARTNERS PTY LTD

DATE: 28 SEPTEMBER 99

BORE No. 887 2068

PROJECT: SCOTTISH HOSPITAL

PROJECT No.: 28538

SHEET 1 OF 1

LOCATION: STEPHEN STREET, PADDINGTON

SURFACE LEVEL: APPROXIMATE RL 25.0

	Description		Sampling &	In Situ Testing	
Depth m	of Strata	Туре	Depth (m)	Test Results	Core Recovery %
-	FILLING - very loose to loose, dark brown silty sand filling with some gravel				
- 0.4 - -	TEST BORE DISCONTINUED AT 0.4 METRES - refusal on tree root				
)					
-1					
- 2					
-		ŀ			

RIG: HAND TOOLS

DRILLER: BOYD

LOGGED: BOYD

CASING: NONE

TYPE OF BORING: HAND AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A Auger sample

HV Hand Vane

M Moisture content (%)

B Bulk sample D Disturbed sample pp Pocket Penetration (kPa)

Ux x mm dia, tube Wp Plasitc limit (%) _Initials: 실음

CHECKED:



CLIENT: NOEL BELL, RIDLEY SMITH & PARTNERS PTY LTD

DATE: 28 SEPTEMBER 99

BORE No. 207.

PROJECT: SCOTTISH HOSPITAL

PROJECT No.: 28538

SHEET 1 OF 1

LOCATION: STEPHEN STREET, PADDINGTON

SURFACE LEVEL: APPROXIMATE RL 20.8

	Description		Sampling &	In Situ Testing	
Depth	of Strata	Туре	Depth (m)	Test Results	Core Recovery %
0	FILLING — very loose to loose, dark to light brown, sandy silt filling with some vegetation, rootlets and ash				
		A	0.5		
)	- fragment of basalt at 0.7m			_	
1		A	1.0		
1.3	SAND - loose to medium dense, yellow brown sand with some rootlets				
	Sand with some rootiets	A	1.5		
1.7	TEST BORE DISCONTINUED AT 1.7 METRES				
2					

RIG: HAND TOOLS

DRILLER: BOYD LOGGED: BOYD

CASING: NONE

TYPE OF BORING: HAND AUGER

GROUND WATER OBSERVATIONS: NO FREE GROUNDWATER OBSERVED

REMARKS:

SAMPLING & IN SITU TESTING LEGEND

A Auger sample

M Moisture content (%) pp Pocket Penetration (kPa)

B Bulk sample D Disturbed sample

HV Hand Vane

Ux x mm dia. tube Wp Plasite limit (%) Initials: GB

CHECKED:



RESULTS OF DYNAMIC PENETROMETER TESTS

CLIENT

Noel Bell, Ridley Smith & Partners

DATE

29/09/99

PROJECT

Scottish Hospital

PROJECT NO

28538

LOCATION

Stephen Street, Paddington

PAGE NO

1 of 1

	201	20	2 200	1 203	203	}	-	,		
TEST LOCATIONS	17	12	A	易	7					
RL OF TEST	19.5	19.5	20.8	23.0	20.8					
DEPTH				PENE	TRATIO	N RESIS	STANCE		*	<u> </u>
m				• • •	BLOW	/S/150mm				
0.00 - 0.15	1	1	2	4	1					
0.15 - 0.30	1	1	1	1	2					
0.30 - 0.45	1	1	2	1	2					
0.45 - 0.60	·1	2	2	1	2					
0.60 - 0.75	1	1	2	1	3					
0.75 - 0.90	1	2	2	1	1					
0.90 - 1.05	1	1	2	2	2					
1.05 - 1.20	1	1	2	1	2					
1.20 - 1.35	1	1	3	-	•					
1.35 - 1.50	2	2	3	2	3			·		
1.50 - 1.65	3	3	4	2	3					·
1.65 - 1.80	4	4	4	2	4					
1.80 - 1.95	4	. 5	4	5	4					
1.95 - 2.10	5	4	5	6	5					
2.10 - 2.25	6	5	5	6	4					
2.25 - 2.40	6	7	6	8	6					
2.40 - 2.55										
2.55 - 2.70										
2.70 - 2.85										
2.85 - 3.00										

TEST METHOD AS 1289.6.3.2, CONE PENETROMETER AS 1289.6.3.3, FLAT END PENETROMETER

TESTED BY: CHECKED BY: GRB



Appendix E

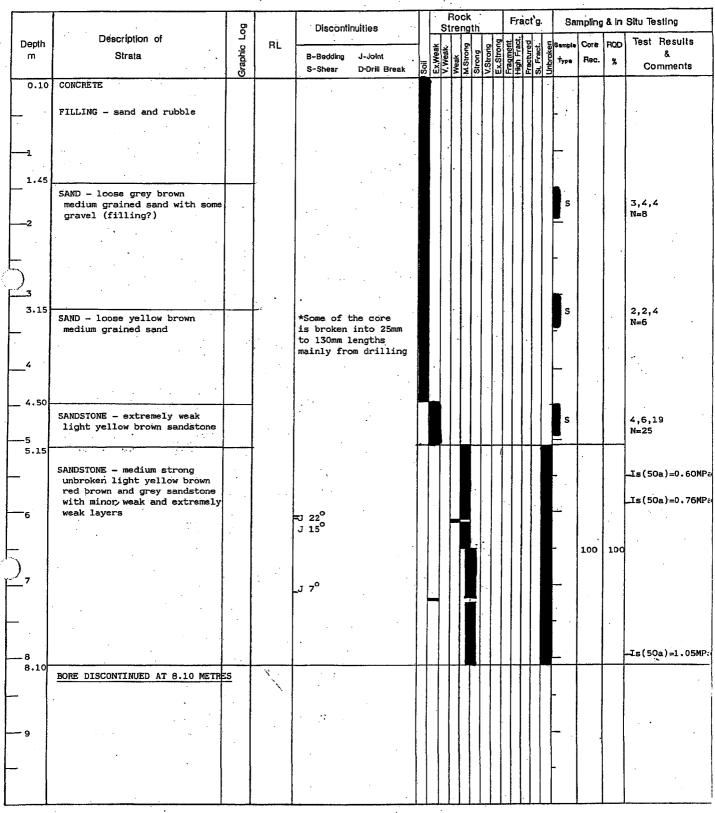
Results of DP's Geotechnical Investigation for the Scottish Hospital, Paddington dated June 1990 (Ref: DP Project 13895)

CLIENT PROJECT LOCATION LEIGHTON IRWIN PTY LTD SCOTTISH HOSPITAL - REDEVELOPMENT STAGE 1 2 COOPER STREET, PADDINGTON

DATE 27.6.90 PROJECT No. SSI/13895 SURFACE LEVEL DIP OF HOLE 900

BORE No. SHEET 1 OF 1

AZIMUTH -



Jacro

DRILLER Chittleburgh LOGGED Stuart CASING S.L. - 5.50m

TYPE OF BORING

Solid flight auger to 5.10m, NMLC core drilling thereafter

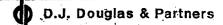
WATER OBSERVATIONS

No free ground water observed

REMARKS

SAMPLING & IN SITU TESTING .

- auger sample core drilling
- S standard negetration test
- DP dry plug
- PL point load strength (st50)MPa) W water pressure test PP pocket penetrometer test
- Vxy xy mm vane shear test



BORE No. 27 302.

CLIENT

SITE

LEIGHTON IRWIN PTY LTD

SCOTTESH HOSPITAL - REDEVELOPMENT

STAGE 1

LOCATION

2 COOPER STREET, PADDINGTON

DATE 8.6.90

CONTRACT No. SSI/13895

SURFACE LEVEL 27.4

2 COOPER STREET, PADDINGTON			OL LEVEL 2744					
			Sampling and in-situ	Testing				
Description of Strata	Depth metres	Туре	Depth	`N' value	Core			
CONCRETE SLAB	S.L. 0.15				%			
SAND - light yellow brown fine to medium grained sand		A	0.50					
		A	1.00	,				
SAND - yellow brown fine to medium grained sand	1.30	A	1.50	50				
	1.80	A	2.00					
SAND - light yellow brown fine sand		A	2.50	·				
BORE DISCONTINUED AT 3.00 METRES	3,00	A	3.00					
			·					
				-				
	-		,					
	·							

Hand auger

DRILLER M Beddows

CASING

TYPE OF BORING

75 mm diameter

WATER LEVEL OBSERVATIONS No free ground water observed

REMARKS

TYPE

"N" VALUE

A — auger sample
S — standard penetration test sample
U — mm diameter undisturbed sample
C — continuous diamond core
V — field vane shear test

blows of a 63.5 kg hammer falling 760 mm to drive a standard 50 mm O.D. spilt penetrometer for the last 300 mm of test (where thin walled undisturbed sample tubes are driven in the same manner, the values are shown bracketed).



D.J.Douglas & Partners

BORE No. 37 303

CLIENT

LEIGHTON IRWIN PTY LTD

DATE

8.6.90

SITE

SCOTTISH HOSPITAL - REDEVELOPMENT

CONTRACT No.

SSI/13895

LOCATION

STAGE 1 2 COOPER STREET. PADDINGTON

SURFACE LEVEL 27.4

2 COOPER STREET, PADDINGTON	(1			
Description of Strata	Depth		Sampling and in-situ		
	metres	Type	Depth	'N' value	Core recovery
	S.L.				%
SILTY SAND - dark brown silty sand (filling?)	0.20				
		A	0.50		
SAND - grey and brown sand with some sandstone fragments					
SAND - dark grey silty sand	1.10	A.	1.00		
	1.25	A	1.50		.
SAND - grey and light grey fine grained sand	1				
Sand	2.10	A	2.00		
		A	2.50		
SAND - brown fine to medium grained sand	1	^	2.30		
BORE DISCONTINUED AT 3.00 METRES	3.00	A	3.00		
				• •	
				-	
			·		
·			·		
			·		
					•
			·		

Hand auger

DRILLER M Beddows

CASING

TYPE OF BORING

75 mm diameter

WATER LEVEL OBSERVATIONS

No free ground water observed

REMARKS

TYPE

"N" VALUE

A — auger sample
S — standard penetration test
sample
U — mm diameter undisturbed
sample
C — continuous diamond core
V — fleid vane shear test

blows of a 63.5 kg hammer falling 760 mm to drive a standard 50 mm O.D. split penetrometer for the last 300 mm of test (where thin walled undisturbed sample tubes are driven in the same manner, the values are shown bracketed).



D.J. Douglas & Partners

BORE No. 47 304.

CLIENT

LEIGHTON IRWIN PTY LTD

SITE

SCOTTISH HOSPITAL - REDEVELOPMENT

STAGE 1

LOCATION

2 COOPER STREET PARRIAGEON

DATE 8.6.90

CONTRACT No. SSI/13895

SURFACE LEVEL

Approx 25.0

2 COOPER STREET, PADDINGTON	,		Approx 23.0			
Description of Strata	Depth		Sampling and in-situ	Testing		
Description of Strata	metres	Туре	Depth	`N' value	Core	
	S.L.				%	
FILLING - dark grey brown sand with some rock fragments, traces of		A	0.50			
plastic		A	1.00			
SAND - olive brown fine to medium grained sand	1.10					
graffied Said		Α	1.50			
SAND - light olive brown fine to	1.80	A	2.00			
medium grained sand	2.10					
BORE DISCONTINUED AT 2.10 METRES						
Refusal on probably sandstone cobbles	·					
				٠.		
			·			
			·			
·			`			
·						
1						

Hand auger

DRILLER M Beddows

CASING

75 mm diameter

WATER LEVEL OBSERVATIONS

No free ground water observed

REMARKS

TYPE

"N" VALUE

auger sample standard penetration test sample

- mm diameter undisturbed sample
- continuous diamond core
- field vane shear test

blows of a 63.5 kg hammer falling 760 mm to drive a standard 50 mm O.D. split penetrometer for the last 300 mm of test (where thin walled undisturbed sample tubes are driven in the same manner, the values are shown bracketed).



D.J. Douglas & Partners

RESULTS OF DYNAMIC PENETROMETER TESTS

CLIENT

LEIGHTON IRWIN PTY LID.

REDEVELOPMENT - STAGE 1

DATE

8.6.90

PROJECT

SCOTTISH HOSPITAL -

PROJECT NO SSI/13895

LOCATION

2 COOPER STREET, PADDINGTON

	TE LO	ST CATION		PENETRATION RESISTANCE BLOWS/150mm											
	DEPTH m		302	303	304 A	305 87									
	0.00 —	0.15		1		1.									
	0.15 —	0.30	1	1											
	0.30 —	0.45	2 ·	- 2	1	J 1									
	0.45 —	0.60	3,	2	2 ,	1									
\downarrow	0.60 —	0.75	2	2	1	3									
	0.75 —	0.90	3	2	2	1									
_	0.90 —	1.05	3	2	4	1			,						
L	1.05 —	1.20	4	2	4	8									
	1.20 —	1.35	5	1	8	2									
L	1.35 —	1.50	6	1	3	1					`.				
L	1.50 —	1.65	5	2	4	1				,		 			
	1.65 —	1.80	6	1	2	6									
L	1.80 —	1.95	8	1	3	6			-						
\downarrow	1.95 —	2.10	10	3	REF.	6		<u> </u>							
1	2.10 —	2.25	9	4		8									
	2.25 —	2.40	11	4		8									
\perp	2.40 —	2.55		\$	·								-		-
_	2.55 —	2.70													
_	2.70 —	2.85											<u></u>		
L	2.85 —	3.00	·		`.		<u> </u>								

TEST METHOD AS 1289. F3.2, CONE PENETROMETER AS 1289. F3.3, FLAT END PENETROMETER $\ \square$

M.B CHECKED K.C

LABORATORY LOCATION

Sydney

REPORT NO

13895

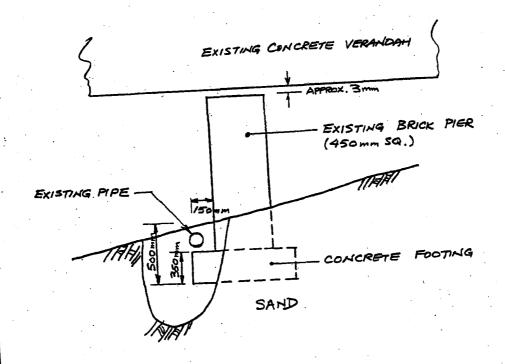
SIGNED

TESTED

J/ Douglas

This laboratory is registered by the National Association of Testing Authorities, Australia. The test(s) reported herein have been per-formed in accordance with its terms of registration.

GROUND TEST PTY LIMITED A subsidiary of D.J. Douglas & Partners Pty Ltd



THE SCOTTISH HOSPITAL - REDEVELOPMENT STAGE 1
PADDINGTON Sectional View of test pit 6

SCALE: N.T.S | SSI/13895 ORAWING No.: 4



D.J. Douglas & Partners

Appendix F	

Results of Dames and Moore's (DM) Geotechnical Investigation for the Scottish Hospital, Paddington dated 1974

PLATE

5.

LOCATION :		DINGTON N.S.	, Μ·					ANGLE HORIZO	FR NTAI
CO-ORDINAT	ES .	E ' N.			•	75	~.*	DIRECTI	on '
ROCK	HERIN 3	DESCRIPTION	PTH	LIFT B CORE	D E SCRIPTION OF	٥	FRACTURES FFR METRE	TION	LEVEL
TYPE	WEAT	ROCK MATERIAL	METRES DEPTH FEET GRADHIC	LOC LOC	ROCK DEFECTS	٠	A FRACE	CONDITION OF CORE	WATER
Arsee Hancous Fill		Gravel, Clay, Bricks. Sand etc. (Augered)						-	<i>W</i> .
Veathered	Hw.	·	┽╵┋	_	·				
Sundatone	MW	Fine to medium grained quartz in clay/silt matrix.		23	Fractures along		REAL PROPERTY AND ADDRESS OF THE PROPERTY ADDRESS OF THE PROPE		
	IIW	Orange to light brown,	-2		bedding planes (Horizontal to				
		highly to moderately weathered.	F =	86	near horizontal)				
	SW	Grading to light grey,	-3		:				
Fresh	5W to	slightly weathered to fresh.		0 0			925		
indstone	FR		14	00					
		END OF BORING.	十十						
			-5		-				
		·	<u> </u>						
			-6 -						
			<u> </u>						
			-7						
			-8 -						
								-	
			-9 -						
			-10						
			-						
			-it - - -						
			-]						
)\rum : 2			12					[

PROJECT:	Scc	TYLIGEOH HOULD	ECHIPATRICO A	ALSO MANAGEMENTS		***********	TRESTAL X	Se and the second second	**************************************		Agente Control	HAD IN CARREST	~~~~		102
FEATURE :		•											HOLE	No.	3
LOCATION:	120	DINGTON N.S.V	٧.				· ·		• • •				ANGL HORIZ	E FF	ROM
CO-ORDINAT	res	Ε				R.	L.	16	68	m			DiREC		
ROCK	2	DESCRIPTION								S	·	· 	DIREC		T
	SATHERIN	OF	E	GRAPHIC LOG	30	DES	CRIPT	101	٥	TURE	PER MET RE	I O.	***	LEVE	æ
TYPE	EAT	ROCK MATERIAL	TRES	44.P.F.	- 55 '	ЗОСК	OF OFF	ECTS	o	RAC	MET P	N S	OF CORE	1 a	WATER
			W.E.	3	7.5				α	! 3	9 27	3		WATER	25 :
Sand		Fine to medium	<u> </u>		ļ.										
	11	Fine to medium, white, yellow, red- brown.				•									
		brown.													
			-2 -							$\ \cdot \ $					
catherat	EW	Fine to medium	+]												
and stone	MW	grained quartz in	-3	0	ח					Zeg Zeg	1249				
	114	clay/silt matrix.		_	- Fr	actu ddin	res a ali	alongi anes.							
	hw	Extremely to moderately weathered	1	a	$H \supset I$	06130	utal	40	, i						
	H	weathered	147		_ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ear t	rociza	outal)							
resh		Grading to fresh;		ic-											
indstone.	FR	Brown, oranze, maure	T 1	9	6										
		END OF BORING	F5]	_	1-	·			\dashv	- -	+			- -	+- -
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DARAGE O MOORE

PLATE 6.

CATHOC:	CH HOSORAL						ANGLE HORIZON	FROM S	oʻ
						n		on Vertic	
ROCK	DESCRIPTION		in s	DESCRIPTION	o o	FRACTURES PER METRE		1	<u> </u>
TASE NOCK NIGHT	OF ROCK MATERIAL	METRES DEPTH FEET GRAPHIC	LIFT B	OF ROCK DEFECTS	G.	3 9 27	CONDITION. CF CORE	WATER LEVE	
opsent 2	Sand, roots				-				_
riscellaneous Fill	Bricks, concrete, gravel, clay, boulders, etc.								
Dramposed Dramposed To to Sanda lone) Weathered Sundatone	Completely weathered sandstone - fine sand in clay matrix orange & grey. Fine to medium grained quartz in clay/silt matrix; orange & grey	1 -	0	Fractures alor bedding planes (Horisontal to near horisontal					
Fresh FR Sandatone	Slighty weathered to fresh.	-10 -		(S)		2.7			
	END OF BORING	. []						.	

DAMES S SEDOR

PLATE 7.

PPO JECT :	500	TISH HOSPITAL						·				,4 .4	
FEATURE :			• • • •	• •	· · ·			• • • •		. HOLE			Γ.
LOCATION:	. P.	DINGTON N.S.V.	√ ,	• •					· · · · ·	ANGLE HORIZO			
CO-ORDINAT		E N					!.	3.5		. DIRECT	ON \	lert	رح
ROCK	RING	DESCRIPTION			LIFT & CORE RECOVERY %	OESC	RIPTION	o.	FRACTURES PER METRE	NO	EVEL	oc z	- Z
TYPE	EATHERIN	OF ROCK MATERIAL	RES DEPTH	APHIC -06	OVER		0F	o	RACT PEF	CONDITION OF CORE	WATER LEVEL	WATER	יים ביים ביים שניים
	WE	NOCK MATERIAL	METRES DEF	8	FE	ROCK	OEFECTS	œ	1 3 9 27	03	WAT	25 5	0 7
				-									
										•			
			1										
			-2]										
Sand		Fine to medium, light brown with											
)		red-brown	-3										
•		mottling (Hand augered)											
			E										
			4							·			
		•	1			-	• ·						
			-5										
				j		•							
			6										
eathered	cw	Fine to medium	[]		+	···-		-					
anotatone	to Est	sand in clay silt matrix; red to											
)		y ellow'- orange. Extremely weathered.	7		9		ı						
			1			er er Vergland							
			-s =			,							-
		·								•			
			9 -		90	1		1					
	+-	END OF BORING.		\dashv	-			-				++	1
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			-10										
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			-11				•			i			
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MOOR & BINAC

PLATE 8.

The state of the s

PROJECT :	Sco)-l-	MOSPITAL	T-MANAGET NO G	CB Programme		SCALEGY INCLESS.			THE RESIDENCE OF	= 1.m. ~	H. Wale, Proc.	PATERNAMENT PATERNAMENT	40	randiin P	بهد
FEATURE :	~J C.	•			• .							۲	OLE	No.	. 3	
	PAI	صد	INGTON N.S.	w.				· · · · · · · · ·			• • •	H	ANGLE IORIZO	FR NTA	OM L	9
CO-ORDINAT	E 5	Ε	· · · · · · · · · · · · · · · · · · ·				R.	L. , J	7.46	m.			RECT			
ROCK	RING		DESCRIPTION			ORE	DES	CRIPTION							<u> </u>	
TYPE	WEATHERIN		OF ROCK MATERIAL	METRES DEPTH	GRAPHIC	LIFT B C	SECOVERY SOCK	OF DEFECTS	o	FRACTURES	METRE	CONDITION	OF CORE	WATER LEVEL	S WATER	S RETURN
Sand			Fine to medium, light brown (Hand augered)	3 4 5 7										W		
Fresh Sendstone	to NW	\	Fine to medium quartz in clay/silt matrix; Extremely to moderately weathered Red, orange & grey Weathering decreasing ârading fresh, light grey	-9 -	300	\dashv	bedding (Horizon	res along planes. ntal to norigantal)								
		,	≘нь ок Воюін <i>ф</i>	-11	82	7								+		+
				-12												

DESCRIPTION OF THE SERVICE OF THE SE

PLATE 9.

CT & SCOTTISH HOSPITAL			ANGLE FROM DO"	
ION: PADMINICITION N.S. W.	R L. 15.	00 m	، قام عند ما د	
ORDINATES E N DESCRIPTION TO SO O O O O O O O O O O O O O O O O O	DESCRIPTION	O O O O SER	OF OP CORE ANTER ETURN PERCENT	
	0F 3008 30308		503 101 4 7 2	
scallancous Bricks, boulders,				
sand, clay, etc. Fill sand, clay, etc. With voids. (Augered)	·			
-4				
-5 -				
-6-				
-8 -				
sathered on Fine to medium quartz in clay/silt - quartz in clay/silt - matrix; completely to extremely weathered; red, brown.				
to extremely weathered; red, brown.	19	200		10,000
Slightly 3W -11 =				
Sandstone	001			
Boring 6 continued on next sh	neet.		. Dange o na	comia
	ngga arapinan manakan	JO BEDINING DE L'ESTREINE (CE) ES	PLATE (),
THE PARTY OF THE P				

O-ORDINATE	:s	Ε	N				R. 1	LAR 15 ·	3Q <u>1</u>	٠.٠		HORIZO			
ROCK	WEATHERING		DESCRIPTION OF ROCK MATERIAL	WETRES DEP TH	Γ	198		OF DEFECTS	A. O. D.	FRACTURES PER	METRE	CORDITION OF CORE	MATER LEVEL	S RETURN	PERCENT
Slightly eathered andstone	SW		Grading slightly weathered. Pale grey, brown.	-12		11									
				-13 _		100	· .								
	 	_	END OF BORING	-14	_	-			-	+			-		+
				-15											
				-17											
				-19				· ·							
•				-21											
				-23				!							

F02 SCOTTISH MOJECT: HOSPITAL HOLE No. CATURE : PADDINGTON OCATION : ANGLE FROM HORIZON FAL 90 M.S. W. I-ORDINATES Ε 171.01 m. DIRECTION Vertical WEATHERING ROCK DESCRIPTION DESCRIPTION WATER LEVEL OF TYPE ROCK MATERIAL ROCK DEFECTS œ Fine to medium, ind dark grey, some ipsoil) Fine to medium athered quartz in clay/silt adstone Fractures along matrix; slightly weathered to fresh bedding planes (llorizontal to Light orange grey. END OF BORING. .10

PLATE 12.

THE RESERVE OF THE PROPERTY OF

	 اعترات	TITISH HOSPITAL	d'al-Paradis progr	~~	ezerwani, enem je	Market Section		के प्रतिकृतिक राज्यक		and the second second second	-	**********	408	R'indony
FEATURE : LOCATION :	12~1	DDINGTON NS.							· · ·	· · ·		E No		Þ.
CO-ORDINATE		c	w : .	٠		 R.L.	·				HOR	SLE I	ROM AL	9
поск	U		 -			1	1	6.00			DIRE	ECTIO	1 Ve	~ t.
	EATHERIN	DESCRIPTION OF	14	U	37 37 0	ESCRI	NOITS		URES	س آخ	 -		LEVEL	-
TYPE		ROCK MATERIAL	METMES DEPTH	GRAPHIC LOG	8 1/0 10 00	0 F		0	FRACTURES	METRE	٦٥	ORE	A TE	RETURN
	12		F 25	3	RO	CK D	EFECTS	O:	139	27 0		٥	7 3 3 25 2 25	. 50 7
			1											
												Ì		
iscellaneous		Bricks, boulders,												
Fill		clay, sand, etc.												
		with voids. (Augered)	-2				•							
			-3 -											
			7											
			1											
			4								•			
		-	=											
_ 1	w/	Fine to medium	5	- -										
and le	- 1	silt material												
composed adstrone)		Completely to extremely weathered	. 1		•									
24	7			-					$\ \ _1$					
ghtly the red		Grading slightly	=		Frac	tures	Blong							
		grey-brown	, <u>†</u>		(Hor	ring 1 130nta	1 to							
			=	16	UG31	horige	ontal).							İ
		-8												1
	-	END OF BORING		-										
			1									1		
		-9	-											
			-											
		-10	, -]		•									
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			-											1 300
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		}]								i			LAMESTER
1 1	- 1	-12	4				1	-	1 11					1

Damies o enguais

PLATE 13.

Appendix G	

Results of DM's Geotechnical Investigation for the Scottish Hospital, Paddington dated 1984

FACILITY: SCOTTISH HOSPITAL	BORE	HOLE:	B	SHEET	l of l
Borehole inclination: SO ^a Borehole direction; — Surfa (from horizontal)	ca elevat	ion: 21-7	m Bor	ehole location: S	ce Figure 1
	ill type:			IGGY MOUNTE	:
SOIL DESCRIPTION		GRAPHIC LOG	CLASSIFICATION SYMBOL	GEOTECHNICAL PROFILE /STRENGTH	SAMPLES / TESTS
SAND: Grey, medium grained, fairly well sorted some silt, possible—thin veneer of sand fill at top	antalan.		SP	DUNE SAND/	
grading to deaner brown-yellow		:		MEDIUM DENSE	
	يسللس	0			3, 6.7 n = 13
	th. 11.4.	0 0			1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	سيسيليسي	0			SPT at S30m = 5,10,13
SANDSTONE: Light crange -brown, moderately to highly weathered, medium to high strength, medium grained, fairly well sorted, laminated bedding at 0-5°, a few drill induced bedding partings.	7.0	٥.			100 % RECOVERY INMLC CORING INFROM 6:40m INTO 7:37 m
BOREHOLE TERMINATED AT 7.97 m	9	0			
SCOTTISH HOSPITAL - PADDINGTON		ENG		RING LO	OG
Geotechnical Dames & Moore		8	061 -	002 - 70	

FACILITY: SCOTTISH HOSPITAL	BOREHO		16			l of l
Borehole inclination: 90° Borehole direction: — Surfa (from horizontal)	ca elevation:	26·7 r	n Bore	in oi a	location: S	ce Figure
• • • • • • • • • • • • • • • • • • • •	II type: J	ACRO AUGE			MOUNT	ED
SOIL DESCRIPTION	DEPTH (m)	GRAPHIC LOG	CLASSIFICATION SYMBOL	PR	FECHNICAL OFILE RENGTH	SAMPLES / TESTS
SAND: Dark brown to orange-brown, medium			SP	TOPS	01L / L@SE	
GRAVELLY SAND: Dark red-brown to orange-brown medium, pebbles to 40mm - mostly subrounded subangular sandstone but also coal and concretontains roots, trace of clay in parts, damp	to =		Jw	7		3PT at 1.3
SAND: Orange brown, medium grained, fairly worted, damp.	2:0		SP	DU21	E SAND/	1,2,2 n = 4
	3.0			MEDIC	om-cense	SPT at 2.80 2,5,6. n = 11
grading clean and yellow/cream in colour	- 4·0				•	SPT at 4-30
	50 1			-		4,7,8 n = 15
	الماليين الم	3				
	7.0				UM DENSE DENSE	SPT at 7:30 7,12,16 n = 28
Very thin weathered zone above sandstone. approx 0.15m thick. Sand as above, mottled arai	9e 1 30					
and cream, trace of clay BOREHOLE TERMINATED AT 9.40m						TC BIT REFUSA
SCOTTISH HOSPITAL - PADDINGTON	E				IG LO	OG
Geotechnical Consultant: Dames & Moore		0.0	161	001	2 - 70	

and the stranger desires and the second seco	A STORY OF THE PROPERTY OF THE	production and	41 <u>(</u>	all and	W. C. C. C. C. (1995)	Company of the second of the s
FACILITY: SCOTTISH HOSPITAL	BOREHO	LE:	N		SHEET	l of l
Borehole inclination: 90° Borehole direction; — Surfa (from horizontal)	ca elevation:	19.2	Bore	shole lo	cation: Se	e Figure 1
3	ill type: illing method:			GY MO		
SOIL DESCRIPTION	DEPTH (m)	GRAPHIC LOG	CLASSIFICATION SYMBOL	PRO	ECHNICAL FILÈ ENGTH	SAMPLES / TESTS
SANDY SILT: Dark grey brown, pebbles of concrete sandstone, rocts and organics mixed with fill material				TCPSOI LOS	L&FILL/ E	-
SAND : Orange brown, medium grained, well sorted fairly clean, damp.	F.		SP	DUNE	SAND /	
grading orange yellow with depth and cleaner	2.0 1 1 1 2 3.0					SPT at 2.80 m 3,4,5 n = 9
grading moist and has a trace to some clay - as a						7
coating on sand grains giving bright orange colo	50 -50 -		,			
Saturated sand layer above veathered rock				LOSSE/	MED.DELSE	SPT at 5-80m = 2,3,7
SANDSTONE: Extremely weathered, cream, orange and yellow moltling, clayey sand, medium grained, clay of high plasticity, moist.	7.0			EXTRE:	MELY VEAK	DISTURBED
grading to moderately weathered. BOREHOLE TERMINATED AT 7:40 m						
SOUGHOLE ICKININALED AT 1.40M						TC BIT -
	3.0 1.1 1.1 1.1					
SCOTTISH HOSPITAL - PADDINGTON	E			RIN	G LO)G
Geotechnical Consultant: Dames & Moore		80	61 -	002	- 70	

HIZ Herman makes the control of the							kuurinta valkas jakistikassi sellusi.
FACILITY: SCOTTISH HOSPITAL	BOREHOLE: 12					SHEET	l of l
Borehole inclination: 30° Borehole direction: — Surfo (from horizontal)	oce alevation: 26.4m Borehole location: See Figure 1						
ore drilled: 20 JUNE, 1984 Drill type: JACRO - BUGGY MOUNTED Orilling method: AUGER - TC BIT							
SOIL DESCRIPTION	TTH TICA		PR	TECHNICAL SAMPLES ROFILE / TESTS FRENGTH			
SILTY SAND: Dark brown, medium grained, root	s sw		TOPSOIL				
SAND: Orange brown and grey brown, medium gro fairly well sorted, trace to some gravel-subroun	uined ded			3 P	DUNE SAND /		
b subangular, 10mm shale and sandstone, some roots, damp. SAND: Grey brown and brown, medium grained, fai	/	- 1.0		5P			
well sorted, damp.		- 20					
		<u>-</u>					
		-30					SPT at 2.80m 2,3,4. n = 7
		- <i>A</i> ·0					
grading to yellow and cleaner		_					
		- 5·0 -					٠
		- 60			MEDIL	om dense	SPT at 5:80 n 5,9,10 n = 19
		- 7.0					
SANDSTONE moderately weathered		-				·	SPT at 800m
BOREHOLE TERMINATED AT 8-00m.		- 80-					REFUSAL REFUSAL
		- - 9·0					
		-	-				. •
SCOTTISH HOSPITAL - PADDINGTON	ENGINEERING LOG BOREHOLE						
Geotechnical Consultant: Dames & Moore	8061 - 002 - 70						