

## **APPENDIX**

Borehole Records

Dynamic Probe Results

Trial Pit Records

Laboratory Geotechnical Test Results

Chemical Analyses


Generic Risk Based Soil Guideline Values

Envirocheck Report and Extracts

Historical Maps

Site Plan

Report Ref J11081/HD/02

		Tyttenhanger House Coursers Road St Albans AL4 0PG		<b>Site</b> 15-17 Macklin Street, London, WC2B 5NG		<b>Number</b> <b>BH 1</b>	
<b>Excavation Method</b> Drive-in Window Sampler		<b>Dimensions</b>		<b>Ground Level (mOD)</b>		<b>Client</b> Durley Investment Corporation	
<b>Location</b>		<b>Dates</b> 21/04/2011		<b>Engineer</b> Price and Myers		<b>Job Number</b> J11081	
<b>Sheet</b> 1/1		<b>Depth (m)</b>		<b>Sample / Tests</b>		<b>Water Depth (m)</b>	
<b>Field Records</b>		<b>Level (mOD)</b>		<b>Depth (m) (Thickness)</b>		<b>Description</b>	
<b>Legend</b>		<b>Water</b>					
0.30		D1		(0.07) 0.07 (0.33) 0.40		Ground Floor Slab Made Ground (light greyish brown clayey gravelly sand with occasional fragments of brick, ash, concrete, plastic and glass)	
0.70		D2		(0.70)		Made Ground (dark brown silty sandy gravelly clay with fine brick fragments)	
1.50		D3		1.10 (1.00)		Made Ground (light brown slightly sandy clay with fine to medium subangular to subrounded gravel and fragments of brick and ash)	
2.30		D4		2.10 (0.40)		Firm light brown CLAY with light orange-brown partings of silt or fine sand and fine to medium subangular to subrounded gravel	
2.50-2.80		D5		2.50 (0.30) 2.80		Light orange-brown fine to medium SAND and fine to coarse angular to subrounded GRAVEL	
						Complete at 2.80m	
<b>Remarks</b> Groundwater not encountered						<b>Scale (approx)</b> 1:50	
						<b>Logged By</b> HD	
						<b>Figure No.</b> J11081.BH 1	

<b>Excavation Method</b> Drive-in Window Sampler	<b>Dimensions</b>	<b>Ground Level (mOD)</b>	<b>Client</b> Durley Investment Corporation	<b>Job Number</b> J11081
	<b>Location</b>	<b>Dates</b> 21/04/2011	<b>Engineer</b> Price and Myers	<b>Sheet</b> 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.20	D1				(0.08) 0.08	Ground Floor Slab		
0.60	D2				(0.32) 0.40	Made Ground (dark brown sandy gravelly clay with fragments of concrete and brick)		
1.50	D3				(0.70)	Made Ground (dark brown silty clay with fragments of brick, concrete and ash)		
2.50	D4				1.10	Made Ground (brown silty gravelly clay with fragments of brick and ash)		
3.00-5.00	D5				(1.80)			
			Water strike(1) at 4.00m.		2.90	Light orange-brown fine to coarse SAND and fine to coarse subangular to rounded GRAVEL		▽1
					(2.10)			
					5.00	Complete at 5.00m		


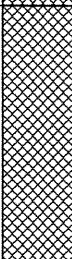
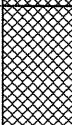

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	<b>Figure No.</b> J11081.BH 2	

<b>Excavation Method</b> Drive-in Window Sampler	<b>Dimensions</b>	<b>Ground Level (mOD)</b>	<b>Client</b> Durley Investment Corporation	<b>Job Number</b> J11081
	<b>Location</b>	<b>Dates</b> 21/04/2011	<b>Engineer</b> Price and Myers	<b>Sheet</b> 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.20	D1				(0.08)	Ground Floor Slab		
					0.08			
					(0.22)	Made Ground (concrete fill with brick fragments and ash)		
					0.30			
0.50	D2				(0.45)	Made Ground (dark brown silty sandy clay with fine fragments of brick)		
					0.75			
					(0.45)	Made Ground (concrete fill)		
					1.20			
					(0.60)	Made Ground (brick fill)		
					1.80			
					(0.10)	Made Ground (layer of ash)		
					1.90			
					(0.60)	Made Ground (brown silty sandy clay with fine gravel and brick fragments)		
					2.50			
2.60	D3				(0.40)	Firm light orange-brown silty sandy CLAY with occasional fine to medium subangular gravel		
					2.90			
2.90	D4				(0.10)	Light orange-brown fine to medium SAND and medium angular to sub-angular GRAVEL		
					3.00			
						Complete at 3.00m		

<b>Remarks</b> Groundwater not encountered	<b>Scale (approx)</b>	<b>Logged By</b>
	1:50	HD
	<b>Figure No.</b> J11081.BH 3	

<b>Excavation Method</b> Drive-in Window Sampler	<b>Dimensions</b>	<b>Ground Level (mOD)</b>	<b>Client</b> Durley Investment Corporation	<b>Job Number</b> J11081
	<b>Location</b>	<b>Dates</b> 21/04/2011	<b>Engineer</b> Price and Myers	<b>Sheet</b> 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
0.40	D1				(0.10) 0.10 (0.30) 0.40	Ground Floor Slab Made Ground (light brown silty sandy clay with medium to coarse angular to subrounded gravel and concrete fill) Made Ground (light grey sandy clay with abundant brick fragments and ash)		
1.50	D2				(1.70)			
2.50	D3				2.10 (0.80)	Made Ground (light grey mottled orange-brown silty sandy clay with medium subangular gravel, brick fragments and occasional ash)		
2.90	D4				2.90 (0.50)	Light orange-brown medium SAND with medium subangular GRAVEL		
					3.40	Complete at 3.40m		

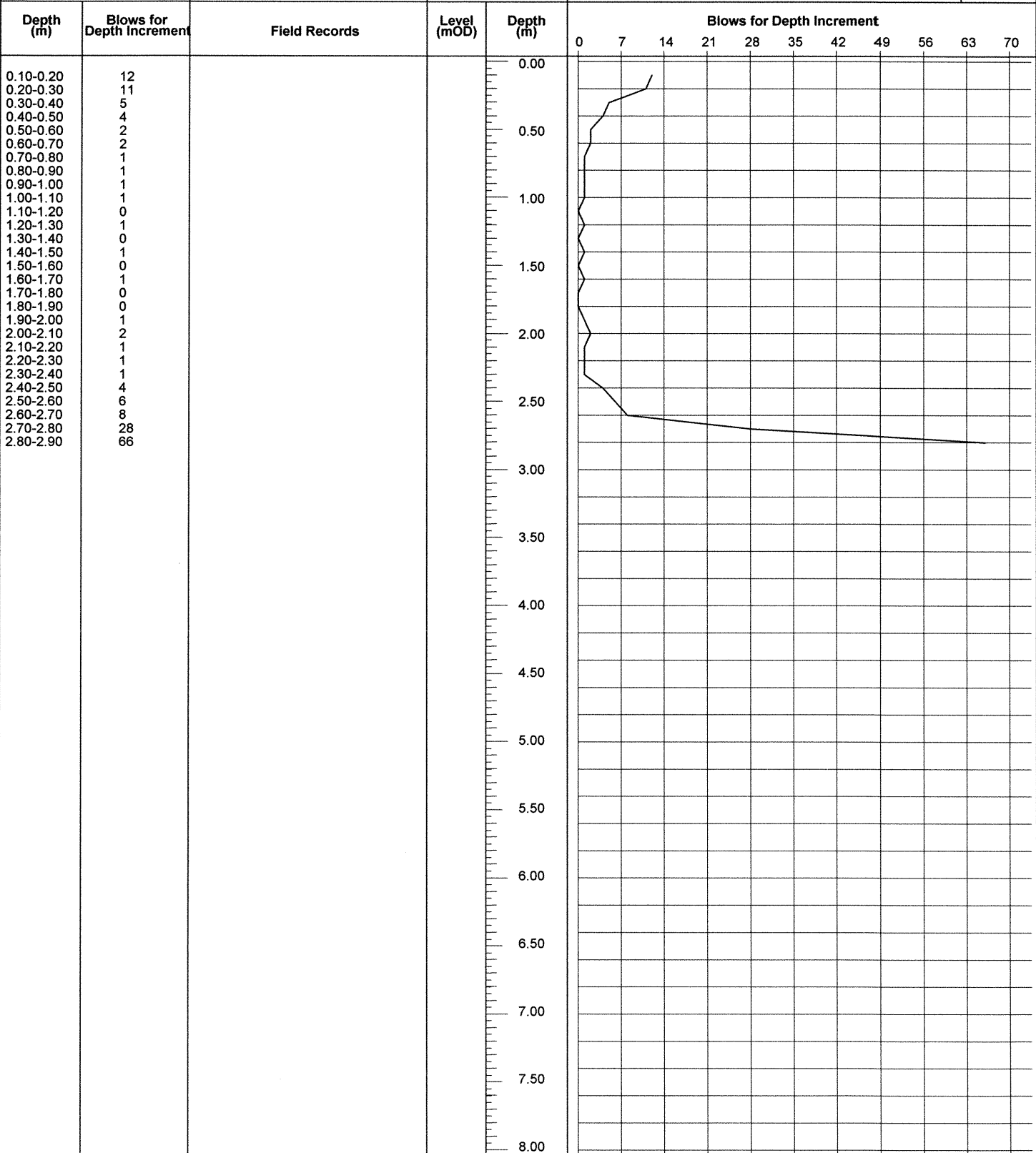
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	<b>Figure No.</b> J11081 .BH 4	

<b>Excavation Method</b> Drive-in Window Sampler	<b>Dimensions</b>	<b>Ground Level (mOD)</b>	<b>Client</b> Durley Investment Corporation	<b>Job Number</b> J11081
	<b>Location</b>	<b>Dates</b> 21/04/2011	<b>Engineer</b> Price and Myers	<b>Sheet</b> 1/1

Depth (m)	Sample / Tests	Water Depth (m)	Field Records	Level (mOD)	Depth (m) (Thickness)	Description	Legend	Water
1.60	D1				(0.30)	Ground Floor Slab		
					0.30	Made Ground (concrete and brick fill)		
3.00	D2				(2.70)			
3.30	D3				3.00 (0.20)	Made Ground (brown slightly sandy clay with ash and brick fragments)		
					3.20 (0.20)	Light orange-brown medium to coarse SAND with medium subangular to subrounded GRAVEL		
					3.40	Complete at 3.40m		

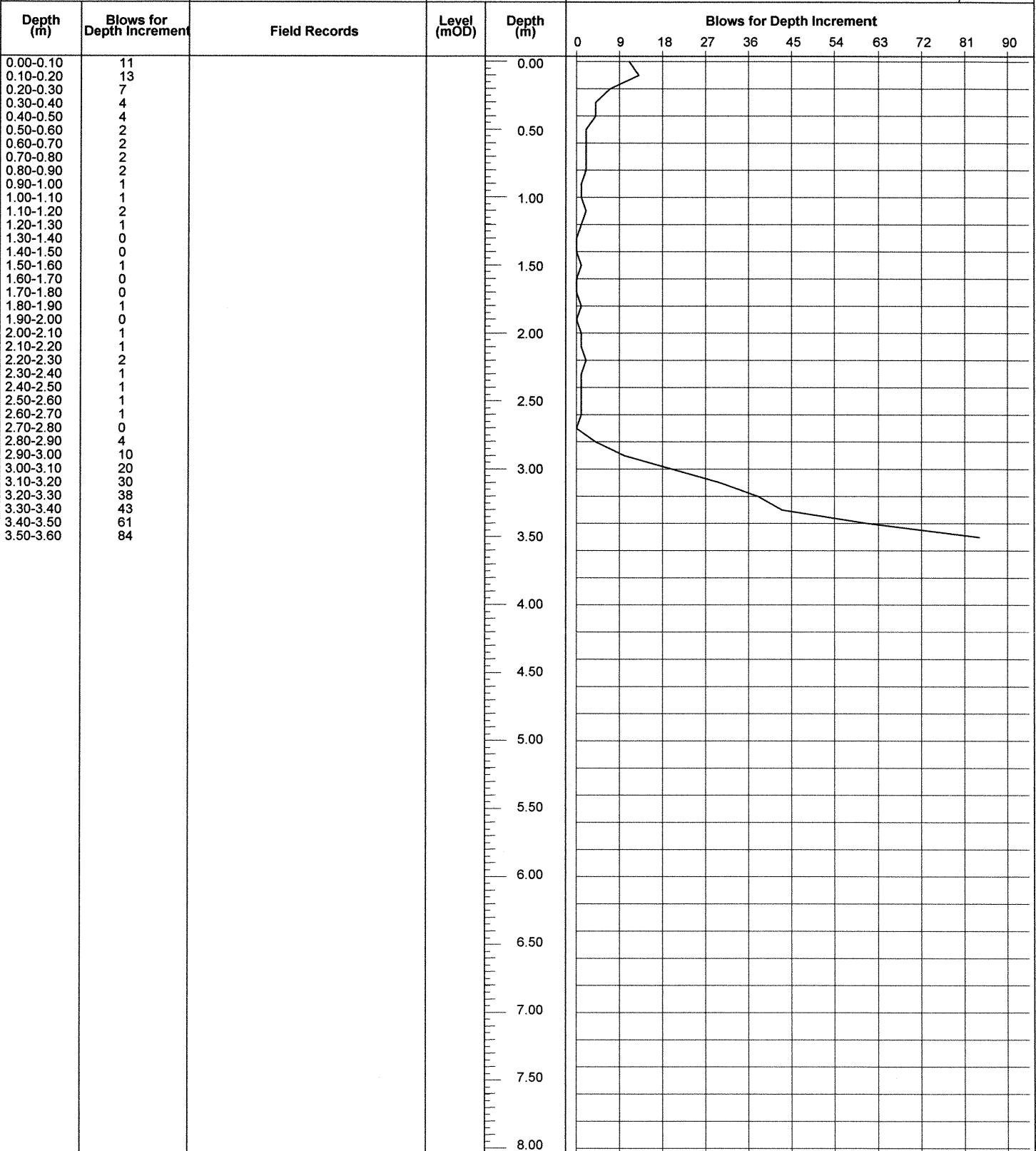
<b>Remarks</b> Groundwater not encountered	<b>Scale (approx)</b>	<b>Logged By</b>
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	<b>Figure No.</b> J11081.BH 5	

<b>Method</b> Dynamic Probe	<b>Cone Dimensions</b>	<b>Ground Level (mOD)</b>	<b>Client</b> Durley Investment Corporation	<b>Job Number</b> J11081
	<b>Location</b>	<b>Dates</b> 21/04/2011	<b>Engineer</b> Price and Myers	<b>Sheet</b> 1/1



<b>Remarks</b>	<b>Scale (approx)</b>	<b>Logged By</b>
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	<b>Figure No.</b> J11081.DP 1	

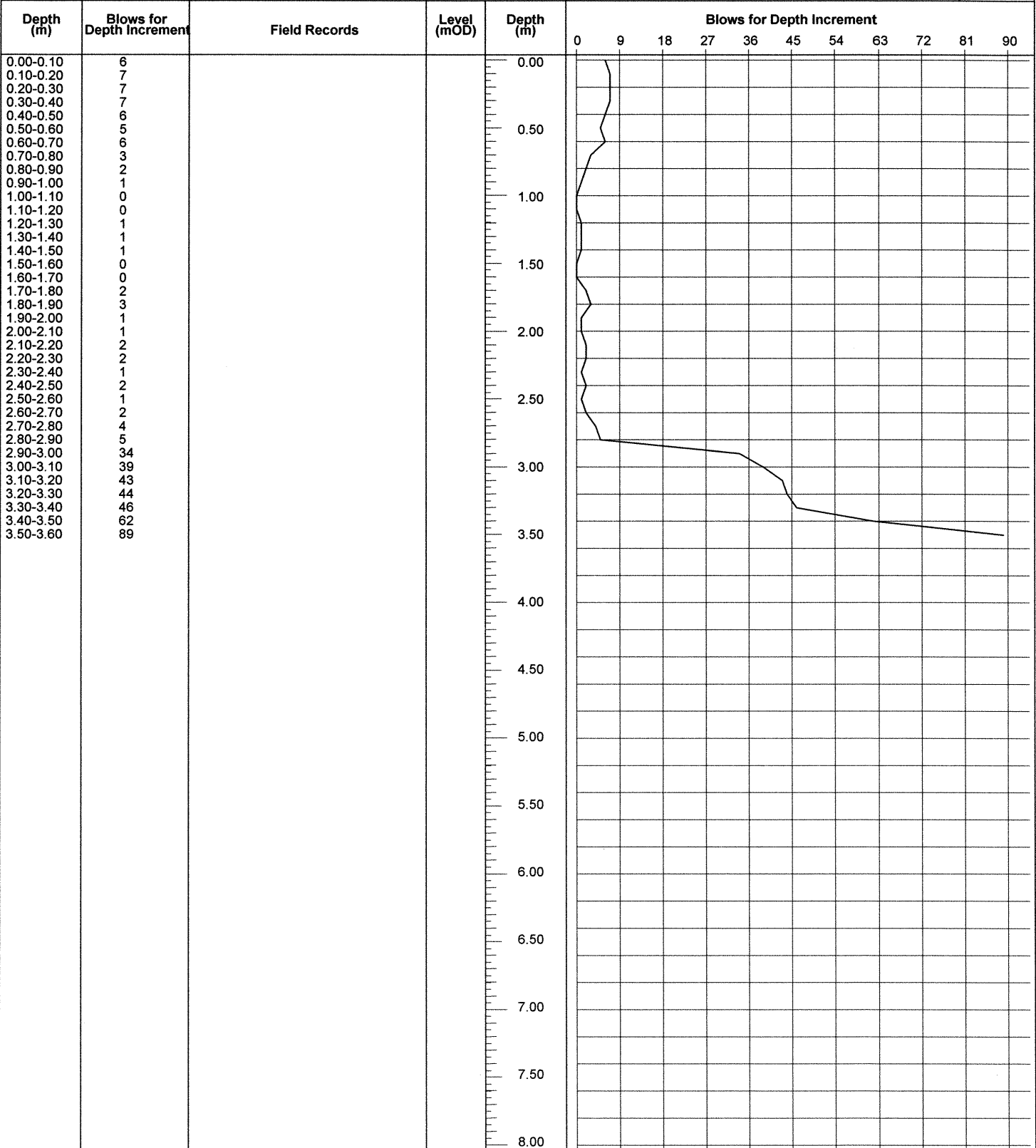
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	<b>Location</b>	<b>Dates</b> 21/04/2011	<b>Engineer</b> Price and Myers	<b>Sheet</b> 1/1



<b>Remarks</b>	<b>Scale (approx)</b>	<b>Logged By</b>
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	<b>Figure No.</b> J11081.DP 2	

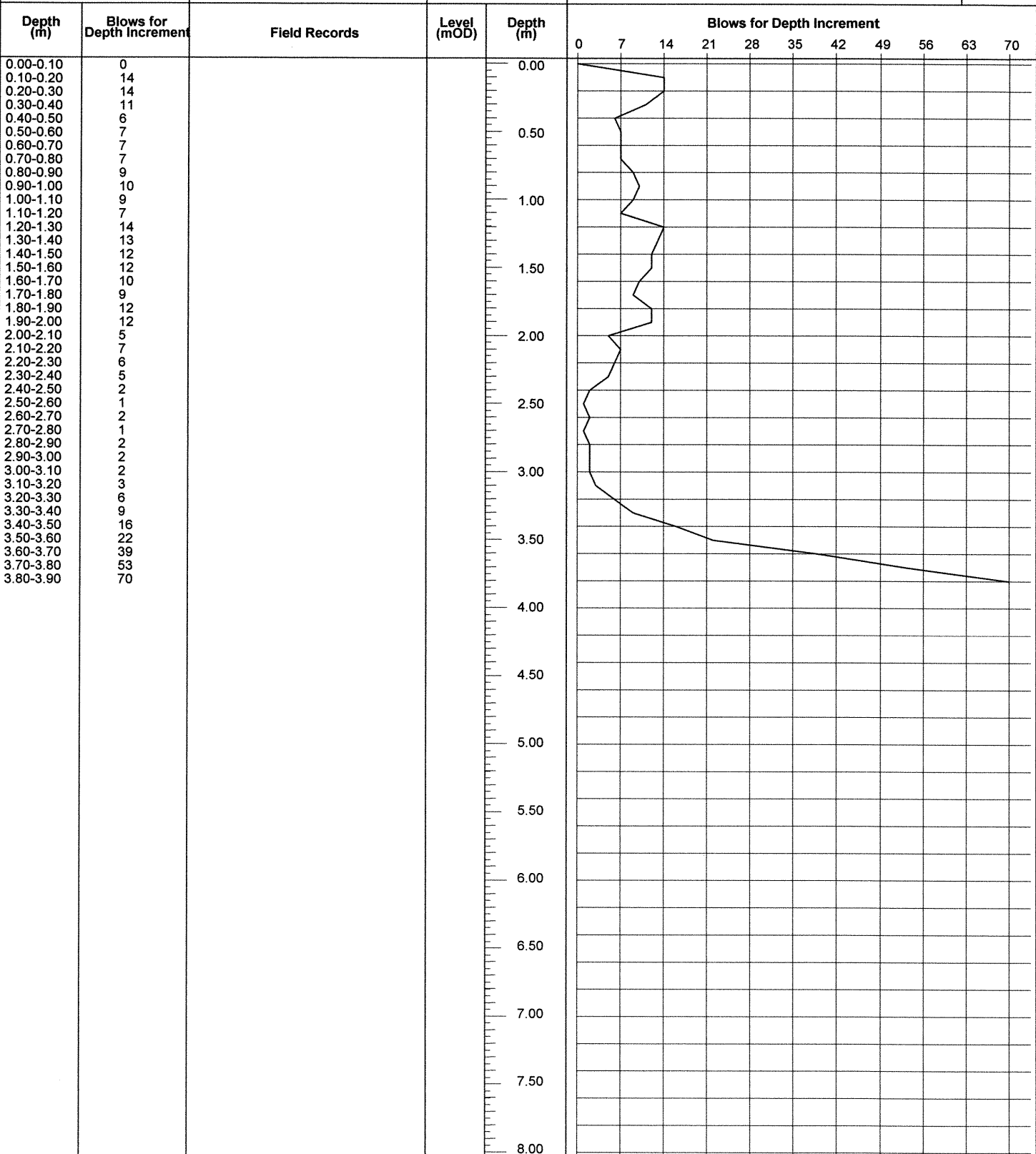


Method Dynamic Probe	Cone Dimensions	Ground Level (mOD)	Client Durley Investment Corporation	Job Number J11081
	Location	Dates 21/04/2011	Engineer Price and Myers	Sheet 1/1



Remarks	Scale (approx)	Logged By
	1:40	HD
	Figure No. J11081.DP 3	

Method Dynamic Probe	Cone Dimensions	Ground Level (mOD)	Client Durley Investment Corporation	Job Number J11081
	Location	Dates 21/04/2011	Engineer Price and Myers	Sheet 1/1



Remarks	Scale (approx)	Logged By
	1:40	HD
	Figure No. J11081.DP 4	



**Excavation Method**  
Manual

**Dimensions**  
1800 x 800 x 2500

**Ground Level (mOD)**

**Client**  
Durley Investment Corporation

**Job Number**  
J11081

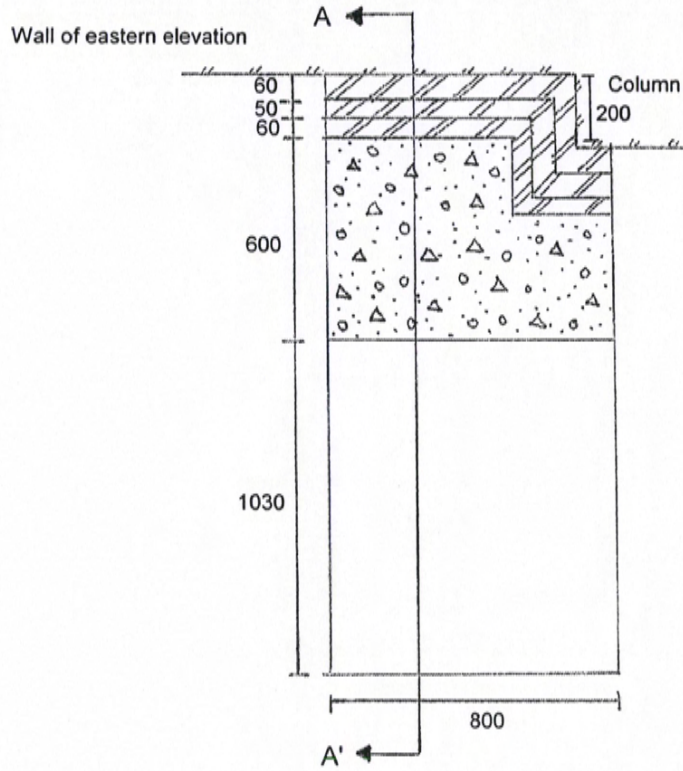
**Location**

**Dates**  
19/05/2011

**Engineer**  
Price and Myers

**Sheet**  
1/1

**PLAN**



**Remarks:**  
All dimensions in millimetres

**Scale:**  
1:20  
**Logged by:**  
ML



Geotechnical & Environmental Associates

Tyldenanger House  
Coursers Road  
St Albans  
Herts AL4 0PG

Site  
15-17 Macklin Street, London, WC2B 5NG

Trial Pit  
Number  
1

Excavation Method  
Manual

Dimensions  
1800 x 800 x 2500

Ground Level (mOD)

Client  
Durley Investment Corporation

Job  
Number  
J11081

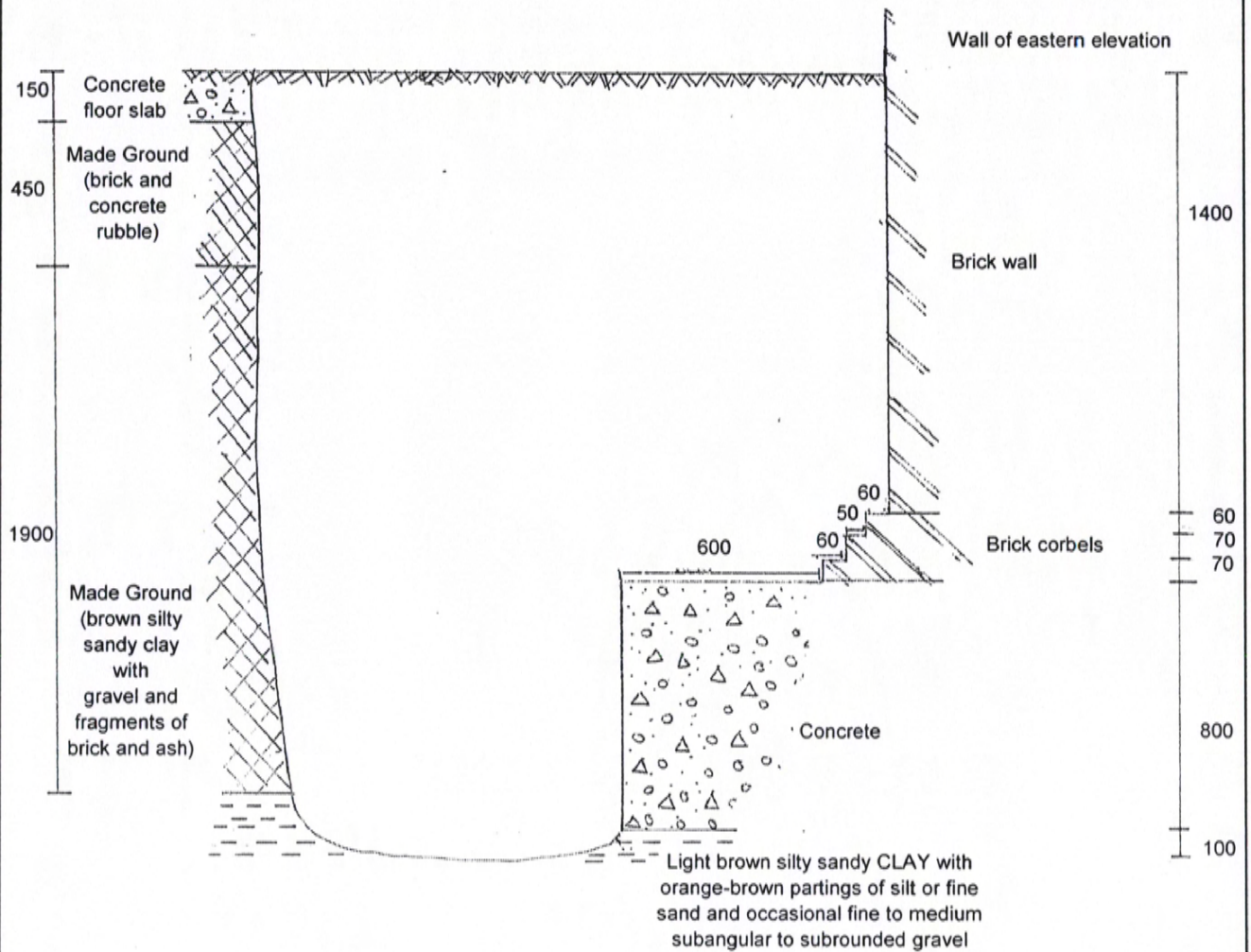
Location

Dates  
19/05/2011

Engineer  
Price & Myers

Sheet  
1/1

**SECTION A - A'**



Remarks:  
All dimensions in millimetres

Scale:  
1:20

Logged by:  
ML



**Site** 15-17 Macklin Street, London, WC2B 5NG

**Client** Durley Investment Corporation

**Engineer** Price and Myers

**Job Number**  
J11081

**Sheet**  
1/12



View of the footings encountered in Trial Pit No 1, looking east (19/05/2011)



**Excavation Method**  
Manual

**Dimensions**  
1000 x 900 x 800

**Ground Level (mOD)**

**Client**  
Durley Investment Corporation

**Job Number**  
J11081

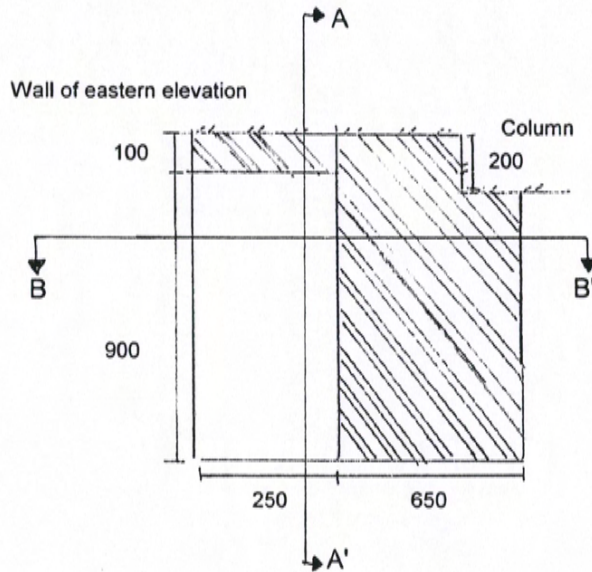
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**Dates**  
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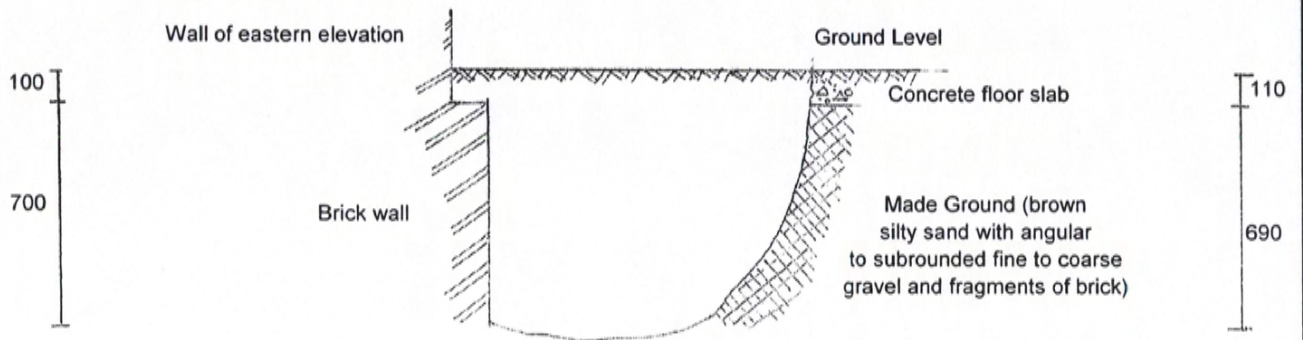
**Engineer**  
Price & Myers

**Sheet**  
1 / 1

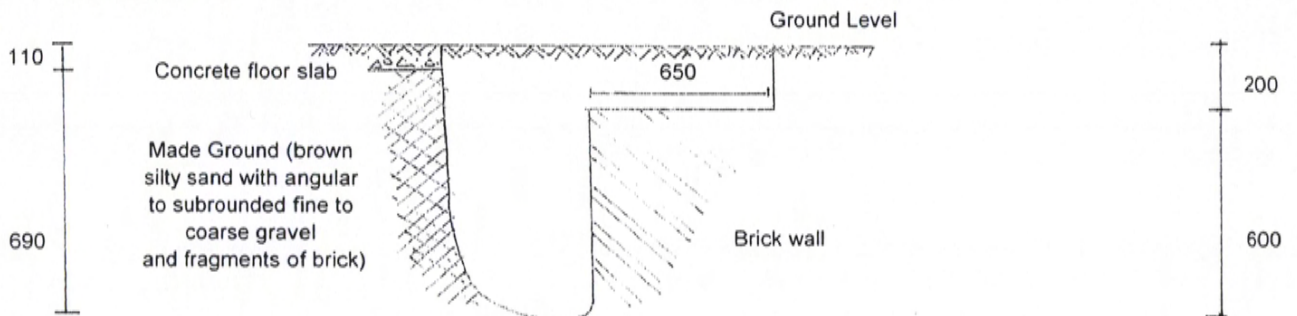
**PLAN**



**SECTION A - A'**



**SECTION B - B'**



**Remarks:**

All dimensions in millimetres

Trial pit terminated at 0.80 m as internal wall obscures access

**Scale:**

1:20

**Logged by:**

HD