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- Internal layouts are for illustrative purposes only.

- Base building survey information by LCY and MSA.

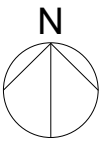
Legend

Indicative Compound Area
Total Area: 0.09278 hectares

Proposed Construction Compound Timber Hoarding and Noise Barrier - 3 metres

Application Boundary

SCALE BAR



C	MDS	09/01/18	For Approval
Previously issued as A400-PAW-A-13-XXX-DR-GA-948-001			
B	MDS	02/12/16	For Approval
A	MDS	25/10/16	For Planning Approval
Rev	Drn	Date	Description



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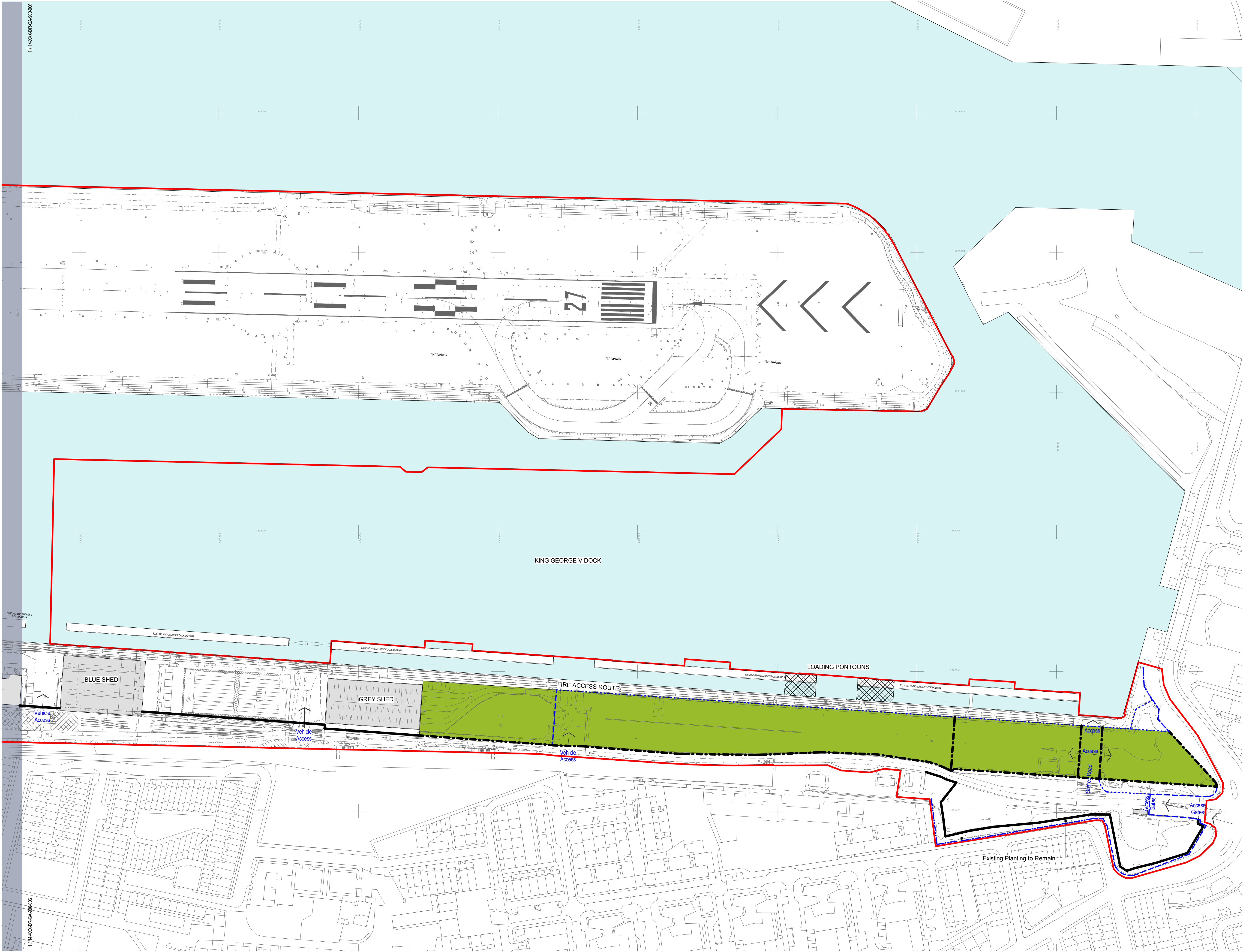
Client
LONDON CITY AIRPORT

Project Name
CITY AIRPORT DEVELOPMENT PROGRAMME

Title
CADP Condition 96
Figure 1: Construction Compound & Details

Discipline Architecture		Purpose of Issue For Approval	
Drawing Originator Pascall+Watson architects		Originators Job No. 5077	
Checked By TA	Checked date 09/01/18	MS	Drawn Date 25/10/16
Approved By MN	Approval Date 09/01/18	Scale @ A1 1 : 1250	
Building Grid Reference CADP			

Proj. Code	Orig.	Disc. Zone	Level	Title	Subtype/Orig. Series/NO.	Rev.	Status
A400PAW	A	14XXXX	DR	GA900-006	C	S3	



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- Base building survey information by LCY and MSA.

Legend

- Indicative Contractors Compound
Area: 2.05073 hectares
- Temporary Barge Berths & Crane Platforms
- Existing Timber Palisade
- Existing Metal Palisade
- Proposed Mesh Fence
- Proposed Construction Noise Barrier - 3 metres
- Proposed Construction Compound Timber Hoarding and Noise Barrier - 3 metres
- Application Boundary

SCALE BAR

N

D	MDS	09/01/18	For Approval
Previously issued as A400-PAW-A-13-XXX-DR-GA-948-002			
C	MDS	02/12/16	For Approval
B	MDS	10/11/16	For Planning Approval
A	MDS	25/10/16	For Planning Approval
Rev	Drn	Date	Description

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Client
LONDON CITY AIRPORT

Project Name
CITY AIRPORT DEVELOPMENT PROGRAMME

Title
CADP Condition 96
Figure 2: Construction Compound & Details

Discipline Architecture		Purpose of Issue For Approval	
Drawing Originator Pascall+Watson architects		Originators Job No. 5077	
Checked By TA	Checked date 09/01/18	MS	Drawn Date 25/10/16
Approved By MN	Approval Date 09/01/18	Scale @ A1 1 : 1250	
Building Grid Reference CADP			
Proj. Code A400PAW	Orig. A	Disc. Zone 14XXXX	Level DR
Title GA900-007	Type D	Subtype S3	Series D

APPENDIX 1

Consultation Minutes



MEETING NOTE

Project: CADP
Meeting Title: Archaeology/Historic Environment – Condition 62
Location: 140 London Wall
Date: 1st September 2016
Time: 10.00 am
Attendees: Simon Blatherwick (SB) - RPS
Adam Single (AS) - Historic England (GLAAS)

ACTION

a) WSI requirements/proposals

- 1 SB outlined development proposals;
 - Western Energy Centre (WEC)
 - Western Terminal Extension (WTE)
 - Aircraft deck extension
 - Removal of Dolphin 7.
- 2 SB tabled drawings indicating those proposals along with the following reports;
 - Soil Mechanics 2001 – GI (Vol 2) Dock Wall inspection
 - PLA/LCY, 2015 (draft) – LCY Dock Wall Survey
 - Constructex 2016 – Inspection of Dolphin 7.
- 3 Information that GLAAS require to see/be considered;
 - piling method statement for dock bed
 - depth of impact in WEC and WTE
 - demolition method statement for dock wall
 - demolition method statement for Dolphin 7
 - clearer understanding of “targets” identified in PLA/LCY report.
- 4 Information that RPS to set out in the WSI;
 - Level 2 photographic record of the KGV to supplement existing reports. This can all be done from land but will require air-side access
 - Occasional watching brief on dock wall and Dolphin 7 removal so that any significant structural information can be recorded
 - geo-archaeological borehole proposals for the WEC & WTE (already discussed with John Gawith and provisionally programmed for Dec 2016)
 - recognition that the WSI relates to evaluation and that if significant archaeology/heritage is identified there will be subsequent WSI's that set out any mitigation proposals – particularly in relation to potential peat deposits in area of WEC and WTE.

b) Section 106

- 5 AS raised S106 Schedule 4- "Dock Restoration". Will want to see Method Statement for care/storage of the coping stones from dock wall (cf demolition method statement for dock wall).
- 6 S106 Schedule 7 (Historical Information Boards) also discussed. Liaison with the Museum in Docklands discussed.



MEETING NOTE

Project: City Airport Development Programme (CADP1)
Meeting Title: Dock Restoration – Condition 62 / S 106
Location: Aviation House
Date: 3rd February 2017
Time: 11.15 am

Attendees:	Tim Halley (TH)	-	London City Airport (LCY)
	Adam Single (AS)	-	Historic England (GLAAS)
	Simon Blatherwick (SB)	-	RPS
	David Thomson (DT)	-	RPS

ACTION

- 1 TH outlined the proposed phasing of the CADP1 build (two phases: Interim Works and Completed Works); the rationale for the S106 obligation for the 'restoration' of KGV Dock (i.e. to meet GLA's requirement to address the London Plan policy regarding the Blue Ribbon Network); and, the separate LBN Planning Condition 62 on archaeology.
- 2 TH confirmed that the Interim Works were scheduled to start in May 2017 subject to discharge of all necessary pre-commencement planning conditions including Condition 62. SB/ AS confirmed that, bar the remaining query about the dock restoration, the Written Scheme of Investigation (WSI) and forthcoming archaeological evaluation (geo-archaeological boreholes), as set out in the draft C.62 report, were agreed.
- 3 TH noted that the likelihood of the Airport closing is extremely low, Therefore, the prospect of the Dock being restored at some point in the future was hypothetical and any expectation on LCY to store the stonework removed from the Dock edge 'in perpetuity' was not reasonable or proportionate. Moreover, there is neither an express nor an implied requirement of the S106 that the stonework needs to be stored and reused.
- 4 AS confirmed that he had no seen wording of S106.
- 5 TH explained the wording of the S106 with respect to Dock Restoration noting that the S106 obligation was tied to recreation/amenity of the dock and not archaeology. AS agreed that there is no requirement to store or reuse stonework.
- 6 DT reported back from a meeting with LBN on 31st January that the Council had no specific view on the dock restoration and had not indicated any desire for historic components (i.e. the edge stones) of the Dock to be preserved/ stored, either on or off-

site. However, as they have no particular in-house archaeological expertise, they are reliant on the advice of GLAAS on such matters.

- 7 AS asked about LCY's proposal for the stonework once it was removed. TH/DT confirmed that the responsibility rested with the appointed contractor. It was also noted that under a separate planning condition (C. 70) the Airport and its contractors were required to implement a Waste Management Strategy to maximise the recycling of demolition materials.
- 8 AS queried whether the stones could be marked and then be stored in dock? TH/DT identified that, for various reasons this was not practicable (e.g. the risk of UXO, the potential to create obstructions to future piling works, and issues of harming ecology due to disturbing the bottom silts).
- 9 AS felt that the proposed recording of the dock wall (as set out in the WSI) was important and he also noted that some of the wall had already been replaced through concrete repairs conducted in the past. AS raised the possibility that LBN might be able to use some of the removed stonework (e.g. in a public park). TH responded that he was happy for this idea to be put to LBN by AS, and that LCY would be willing to facilitate this by making a defined number available for recovery by LBN once removed from the dock wall (subject to feasibility). He also suggested that the WSI could be amended to acknowledge this. AS agreed that subject to reviewing this wording (see below) the change would be sufficient in principle to discharge the requirements of condition 62.

Suggested text to be added to WSI: *"If prior to the commencement of development, LBN request that LCY make available a [specific] number of stones removed from the dock edge for re-use in local projects (under its direction), LCY would seek to make these available, subject to being practicable, as part of the removal and recording process as set out in this WSI"*

- 10 Subject to the agreement of the above wording, LCY will formally submit the WSI to LBN under condition 62 on 10 February 2017.

7th February 2017

APPENDIX 2

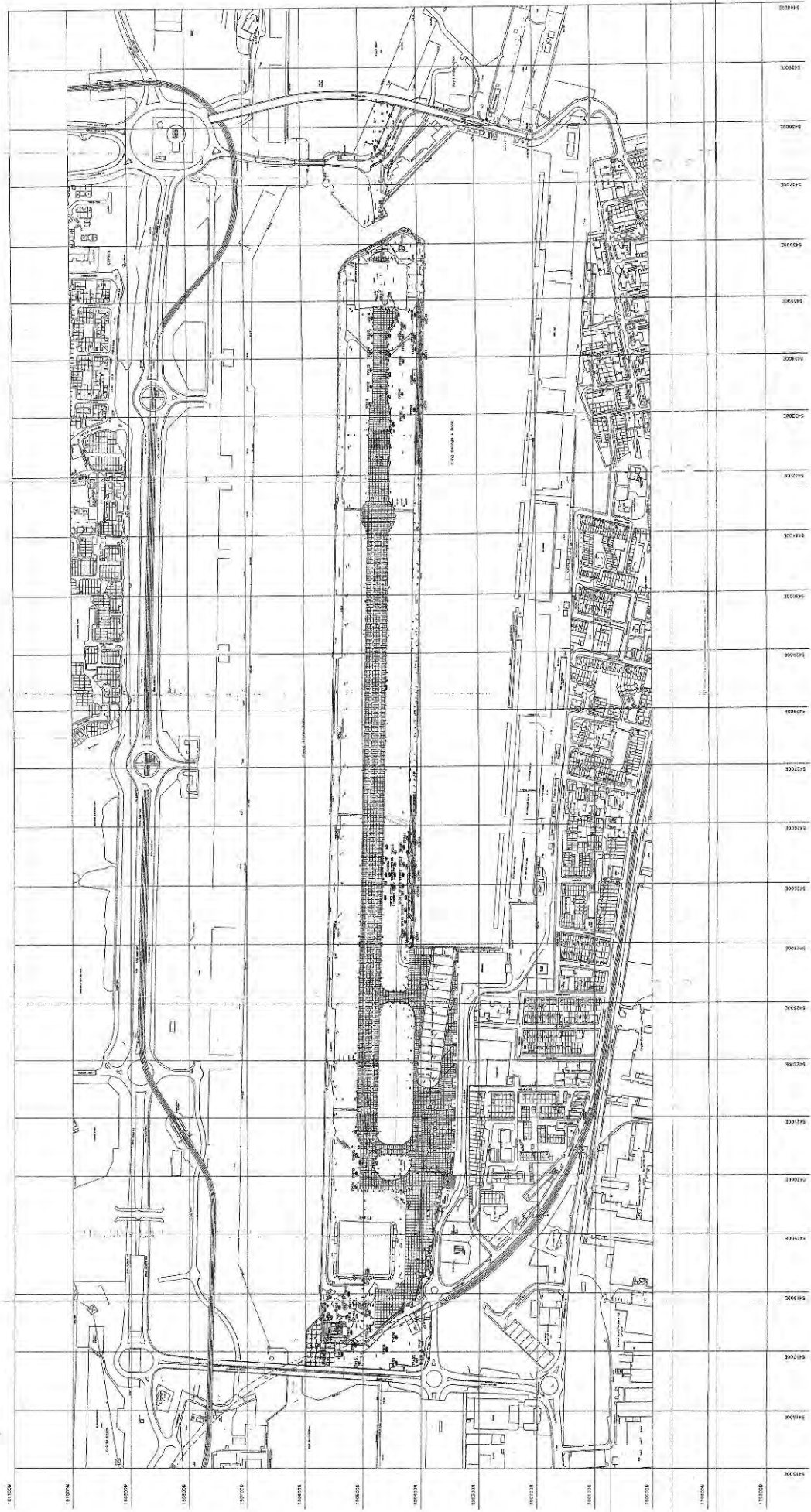
Site Investigation works inventory

LCY – Site Investigation Inventory

Title	Author	Project / Report Reference	Date
Factual Report on Ground Investigation, London City Airport – Phase 1 Airside Improvement Programme	Soil Mechanics Limited	140013	January 2001
Factual Report on Ground Investigation, London City Airport – Phase 2 Airside Improvement Programme	Soil Mechanics Limited	141002	October 2001
Contaminated Land Survey at London City Airport – Interpretive Report	FUGRO Engineering Services Ltd	ENV063009	February 2006
London City Airport Aircraft Stands and Car Park – Phase 2 Site Investigation	RPS	HLEC3237/004R	May 2008
Environmental Investigation Report – BP Air Fuel Storage Area, London City Airport	Subadra	BPA08017 CL 002a	January 2011
Environmental Investigation Report - BP Air Airside Fuel Loading Area, London City Airport	Subadra	BPA08017 CL 003	January 2011
London City Airport Ledger Building Site Investigation	Keltbray Environmental	N/A	June 2011
Environmental Site Assessment Report – BP Northair Fuel Storage and Distribution Areas, London City Airport	ARCADIS (UK Ltd)	807880106	February 2013
Detailed Quantitative Risk Assessment – London City Airport	ARCADIS (UK Ltd)	807880106_01	March 2013
City Airport Development Programme – Phase 1 Preliminary Risk Assessment	RPS	HLEI19695/001R	May 2013
City Airport Development Programme – Phase 2 Environmental Site Investigation	RPS	HLEI24974/001 R Rev 2	April 2013
West Terminal Extension – Infiltration Testing, Contamination Testing and Waste Classification / Characterisation Testing Results	RPS	HLEI31620/001R	August 2014
London City Airport West Terminal Extension – Phase 2 Environmental and Geotechnical Site Investigation Report	RPS	HLEI32363/001R	December 2014
UES Chapter 16 – Ground Conditions and Contamination	RPS	N/A	September 2015

APPENDIX 3

Soil Mechanics 2001 SI Logs



Notes:
Scale 1:250

- Legend to Symbols:
- Trial Pit Location
 - ★ Core Location
 - Manhole Location

Title	EXPLORATORY HOLE LOCATION PLAN
Project	LONDON CITY AIRPORT PHASE 1
Project No.	140013
Figure No.	2

ENCLOSURE A

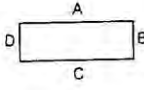
Series 2 Fieldwork

- | | | |
|----|-----------------------|-------------------|
| 1. | Trial Pit Records | - TP211 to TP232 |
| 2. | Concrete Core Logs | - CC219C to CC246 |
| 3. | Dynamic Probe Results | - TP211 to CC227 |

Trial Pit Log

Logged by RM Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 2.10m.	Ground Level + 5.17 m AOD Coordinates 543318.88 mE 180483.62 mN
-------------------------------	--	---

GL	A	B	C	D	
1.0					3.97
					3.67
					3.37
2.0					3.07
	End of Trial Pit at 2.10m				
3.0					
4.0					



Excavation date 29/06/2000

Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	.No.	Description
0.50	B1		0.00-1.20	1	Brown very silty gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse flint, brick, concrete reinforcement bar. Occasional boulder sized fragments of concrete and masonry. (MADE GROUND)
1.30	B2		1.20-1.50	2	Dark grey black silty gravelly fine to coarse SAND. Gravel is angular to subrounded fine to coarse flint, granite and metal. (MADE GROUND)
1.60	B3		1.50-1.80	3	Brown gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse gravel of flint. (MADE GROUND)
2.00	B4		1.80-2.10	4	Grey mottled dark grey slightly gravelly CLAY. Gravel is fine to coarse sized fragments of organic matter. (MADE GROUND)

Groundwater No groundwater observed	Remarks
---	----------------

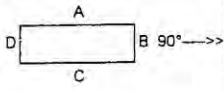
Notes: For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	605	Trial Pit TP211 Sheet 1 of 1
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Trial Pit Log

Logged by RM Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 2.10m.	Ground Level + 5.26 m AOD Coordinates 543349.18 mE 180481.33 mN
-------------------------------	--	---

GL	A	B	C	D	
1.0					4.26
2.0					3.86
3.0					3.16
4.0					

End of Trial Pit at 2.10m



Excavation date 29/06/2000

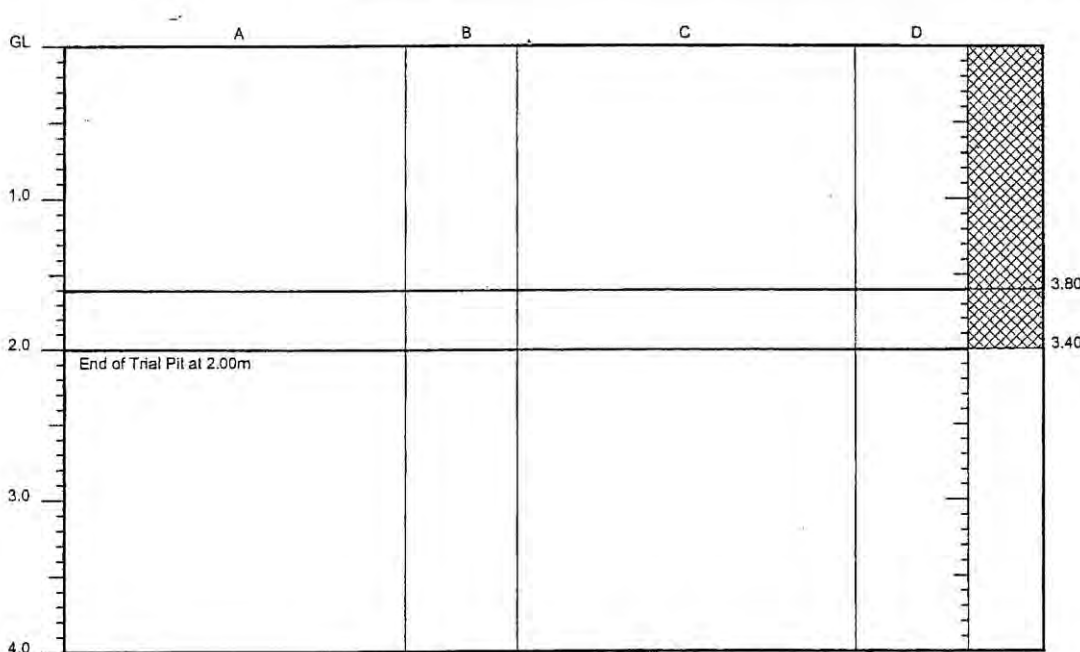
Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
0.50	B1		0.00-1.00	1	Brown very silty gravelly slightly cobbly/boulders fine to coarse SAND. Gravel is subangular to rounded fine to coarse flint, concrete and brick and cobbles/boulders are of concrete. (MADE GROUND)
1.20	B2		1.00-1.40	2	Light brown gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse flint. Some rootlets. (MADE GROUND)
2.00	B3		1.40-2.10	3	Dark grey fine to coarse SAND and angular to subangular fine to medium GRAVEL of mudstone/sandstone and flint. (MADE GROUND)

Groundwater No. Struck Behaviour 1. 1.70 No change recorded	Remarks
--	----------------

Notes: For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	606	Trial Pit TP212 Sheet 1 of 1
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Trial Pit Log

Logged by SM Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 2.00m.	Ground Level + 5.40 m AOD Coordinates 543379.52 mE 180480.65 mN
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Excavation date 29/06/2000

Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
0.50 1.20	B1 B2		0.00-1.60	1	Brown sandy clayey cobbly SILT and rounded to angular fine to coarse GRAVEL of flint, concrete and brick. Cobbles of brick and concrete. (MADE GROUND) Below 0.50m with many cobbles sized fragments of brick and concrete. At 0.70m with some strips of metal 0.03m x 1.00m. Below 0.80m becoming sand and silt with some fragments of strip metal, 10mm - 20mm diameter reinforcement, 50mm metal pipe, timber, hexagonal steel bars of 50mm diameter.
2.00	B3		1.60-2.00	2	Dark grey black clayey sandy angular GRAVEL of brick. (MADE GROUND)

Groundwater No. Struck Behaviour 1. 1.50m Standing level	Remarks
---	----------------

Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	<div style="font-size: 2em; font-weight: bold;">607</div>	Trial Pit TP213 Sheet 1 of 1
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Trial Pit Log

Logged by SM Checked by SS		Equipment and Methods Machine excavated Trial Pit from 0.00m to 1.55m.		Ground Level + 5.52 m AOD Coordinates 543409.86 mE 180479.97 mN	
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Excavation date 29/06/2000

Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
0.30	B1		0.00-0.20	1	Dark brown clayey sandy gravelly SILT. Gravel is rounded to angular fine to coarse of brick, flint and concrete. (MADE GROUND)
1.40	B2		0.20-1.55	2	Dark brown clayey sandy slightly cobbly gravelly SILT. Gravel is rounded to angular fine to coarse of brick, flint and concrete. Cobbles are of brick and concrete. With rare <0.5m lengths of 10-20mm diameter reinforcing bars. Below 1.20m becoming very clayey and sandy with occasional cobble sized pockets of soft sandy clay. (MADE GROUND)

Groundwater No groundwater observed	Remarks 1. Concrete slab encountered at 1.55m. Trial Pit terminated.
---	--

Notes: For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1: 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	608	Trial Pit TP214 Sheet 1 of 1
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Trial Pit Log

Soil Mechanics

Logged by RM Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 1.60m.	Ground Level + 5.57 m AOD Coordinates 543440.20 mE 180479.28 mN
-------------------------------	--	---

Excavation date 29/06/2000

Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
0.50	B1		0.00-1.55	1	Brown very silty fine to coarse cobbly gravelly SAND. Gravel is subangular to rounded fine to coarse flint, brick and concrete. Cobbles and boulders of concrete. (MADE GROUND)
1.00	B2		1.55-1.60	2	

Groundwater No. Struck Behaviour 1. 1.60m	Remarks 1. At 1.6m, concrete slab encountered across whole pit. Trial pit terminated. 2. Trial pit re-excavated, to the north and south, on the 11/7/00.
--	---

Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	609	Trial Pit TP215 Sheet 1 of 1
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29/09/2000 14:17:25

Trial Pit Log

Soil Mechanics

Logged by SM Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 1.85m.	Ground Level + 5.78 m AOD Coordinates 543470.53 mE 180478.60 mN
-------------------------------	--	---

Excavation date 29/06/2000
 Completion date 30/06/2000

 3.93

Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
0.40 1.80	B1 B2		0.00-1.85	1	Brown locally clayey very sandy SILT and subrounded to rounded fine to coarse GRAVEL of brick, flint and concrete. Cobbles of brick and concrete. Boulders of concrete. (MADE GROUND)

Groundwater No groundwater observed	Remarks 1. Concrete slab encountered at 1.85m. Trial Pit terminated.
---	--

Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	610	Trial Pit TP216 Sheet 1 of 1
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18/08/2000 08:57:59

Trial Pit Log

Soil Mechanics

Logged by RS Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 1.65m.	Ground Level + 5.05 m AOD Coordinates 543283.42 mE 180442.93 mN
-------------------------------	--	---

GL	A	B	C	D
1.0				
2.0				
3.0				
4.0				

End of Trial Pit at 1.65m

CONCRETE

A

B

C

D

4.45

3.40

Excavation date 29/06/2000

Samples and Tests			Strata		Description
Depth (m)	Type & No.	Records	Depth (m)	No.	
0.40	B1		0.00-0.60	1	Brown silty very gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of flint, brick, concrete and metal. (MADE GROUND)
1.00	B2		0.60-1.65	2	

Groundwater No groundwater observed	Remarks 1. Concrete slab encountered at 1.65m. Trial Pit terminated.
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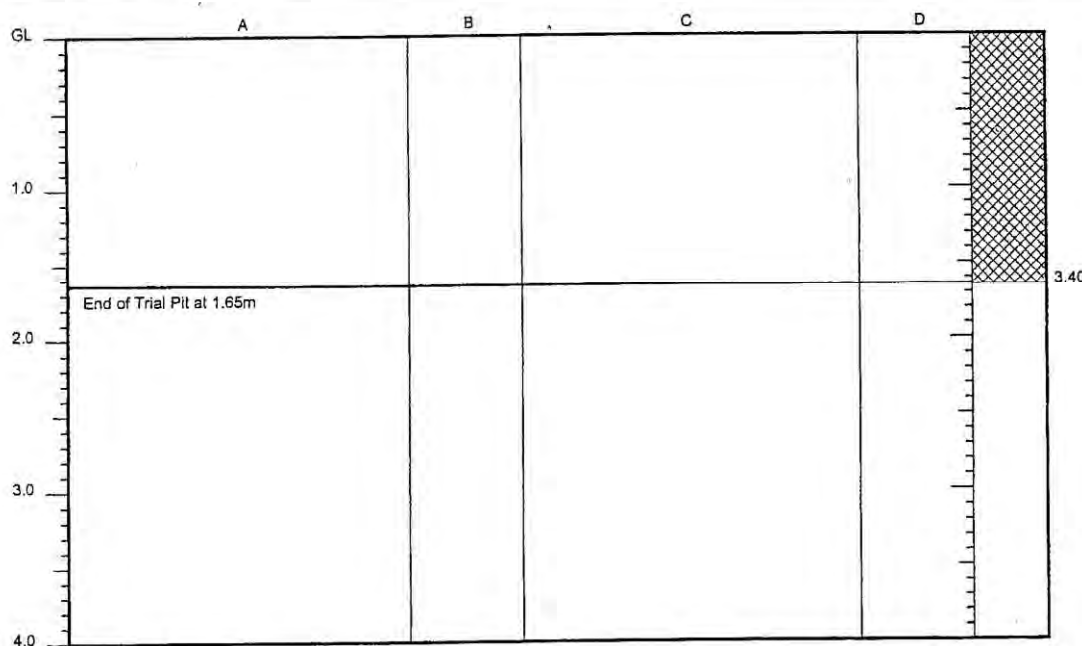
Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	611	Trial Pit TP217 Sheet 1 of 1
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Trial Pit Log



Soil Mechanics

Logged by R.M. Checked by S.S.	Equipment and Methods Machine excavated Trial Pit from 0.00m to 1.65m.	Ground Level + 5.05 m AOD Coordinates 543280.42 mE 180442.93 mN
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Excavation date 10/07/2000

Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
			0.00-1.65	1	Brown gravelly silty fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of flint, brick, concrete and metal. (MADE GROUND)

Groundwater
No groundwater encountered

Remarks
1. Pit collapsing due to water from 1.30m depth. Trial Pit terminated.

Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres.
Scale 1 : 50

Project LONDON CITY AIRPORT
Project no. 140013
Carried out for GIBB LTD

612

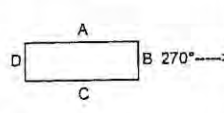
Trial Pit
TP217C
 .Sheet 1 of 1

03/10/2000 11:27:32

Trial Pit Log

Logged by SMG Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 2.00m.	Ground Level + 5.29 m AOD Coordinates 543330.58 mE 180450.33 mN
--------------------------------	--	---

GL	A	B	C	D	
GL					4.69
1.0					4.09
2.0					3.29
	End of Trial Pit at 2.00m				
3.0					
4.0					



Excavation date 28/06/2000

Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
0.00-0.60	B1		0.00-0.60	1	Brown sandy SILT and rounded to angular fine to coarse GRAVEL of flint, brick and concrete some cobble size fragments of concrete and flint. (MADE GROUND)
0.60-1.30	B2		0.60-1.20	2	Soft to firm brown locally friable very sandy CLAY with some rounded to angular fine to coarse gravel size fragments of flint, brick and concrete. (MADE GROUND) 1.10mm. Concrete beam of approximately 0.20m x 0.20m with 10mm diameter. Reinforcing partially excavated.
			1.20-2.00	3	Brown clayey coarse SAND with much rounded to angular fine to coarse flint gravel. (MADE GROUND)

Groundwater No groundwater observed	Remarks
---	----------------

Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	613	Trial Pit TP218 Sheet 1 of 1
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29/09/2000 14:17:43

Trial Pit Log

Logged by SMG Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 1.20m.	Ground Level + 5.42 m AOD Coordinates 543371.01 mE 180449.42 mN
--------------------------------	--	---

GL	A	B	C	D	
1.0	<div style="display: flex; align-items: center;"> <div style="width: 100px; height: 100px; border: 1px solid black; position: relative;"> <div 10px;"="" margin-left:="" style="position: absolute; top: 0; left: 0; width: 100%; height: 100%; background: repeating-linear-gradient(45deg, transparent, transparent 2px, black 2px, black 4px);</div> </div> <div style="> <div style="border: 1px solid black; width: 40px; height: 20px; position: relative;"> <div style="position: absolute; top: -5px; left: 0;">A</div> <div style="position: absolute; top: 0; right: -5px;">B</div> <div style="position: absolute; bottom: -5px; left: 0;">C</div> </div> </div> </div> </div>				4.22
2.0					
3.0					
4.0					

End of Trial Pit at 1.20m

CONCRETE

Excavation date 28/08/2000

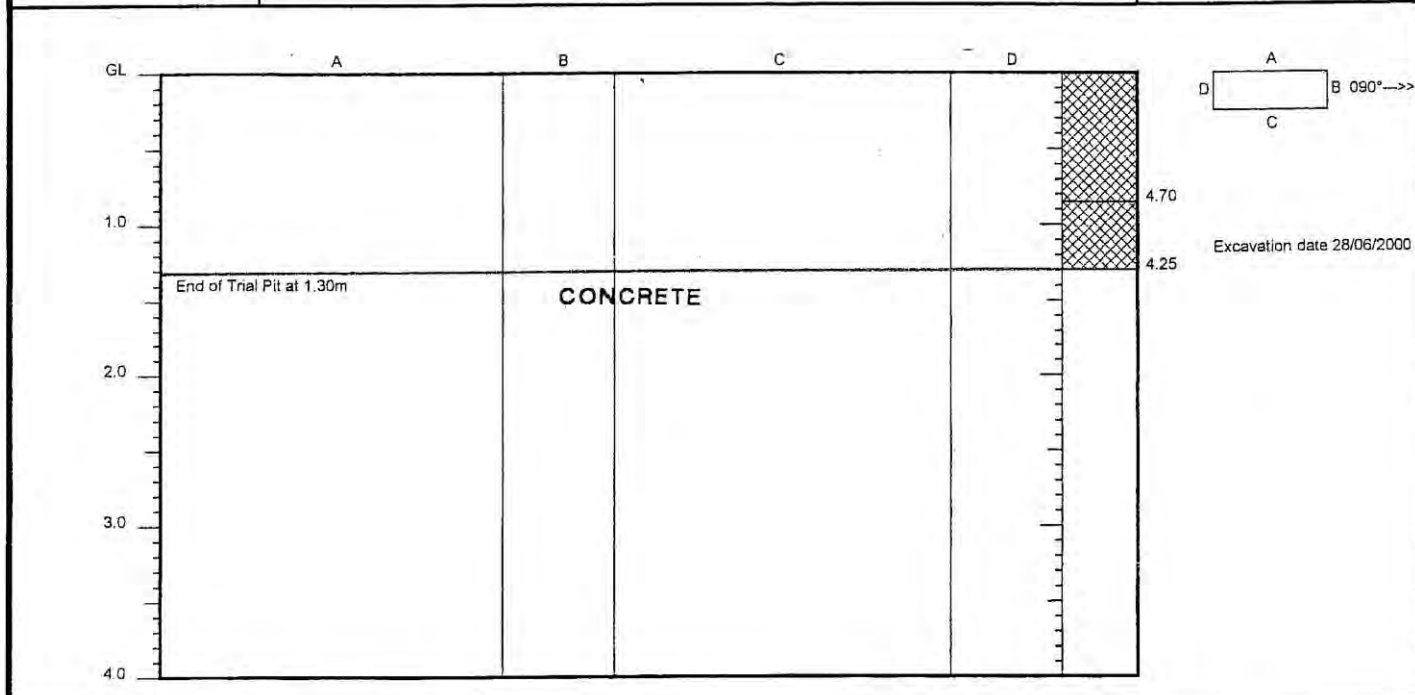
Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
1.00	B1		0.00-1.20	1	Brown sandy silt and rounded to angular fine to coarse GRAVEL of brick, concrete and flint. Below 0.20m becoming very sandy with many cobble size fragments of brick and concrete. (MADE GROUND)

Groundwater No groundwater encountered	Remarks 1. Concrete slab at 1.20m. Trial Pit terminated.
--	--

Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	614	Trial Pit TP219 Sheet 1 of 1
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Trial Pit Log

Logged by RS Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 1.30m.	Ground Level + 5.55 m AOD Coordinates 543404.91 mE 180448.66 mN
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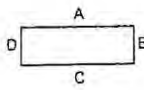


Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
0.00-0.40	B1		0.00-0.85	1	Brown silty gravelly slightly cobbly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of flint, concrete and brick. Cobbles of masonry and metal. (MADE GROUND) Face B: Tarmac from 0.00-0.09m (90mm).
0.40-1.00	B2		0.85-1.30	2	
Groundwater No groundwater observed				Remarks 1. Concrete slab across pit at 1.30m. Trial Pit terminated.	

Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	615	Trial Pit TP220 Sheet 1 of 1
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Trial Pit Log

Logged by DY Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 1.40m.	Ground Level + 5.68 m AOD Coordinates 543439.49 mE 180447.88 mN
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GL	A	B	C	D	
					
					5.08
1.0					
					4.28
	CONCRETE				
2.0					
3.0					
4.0					

Excavation date 28/06/2000

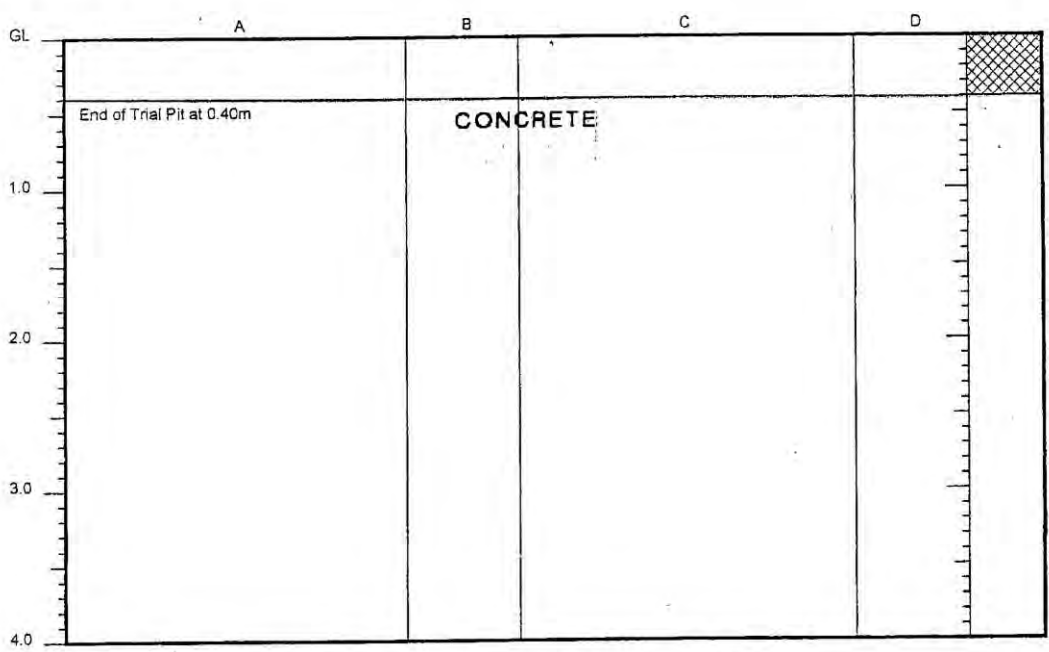
Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
0.50	B1		0.00-0.60	1	Brown silty gravelly cobbly fine to coarse SAND with subangular to rounded fine to coarse gravel of flint, brick, concrete, cable and wire. Cobble size fragments of concrete. (MADE GROUND)
0.50	D1				
1.00	B2		0.60-1.40	2	Brown silty locally slightly clayey to clayey gravelly fine to coarse SAND. Gravel is subangular to subrounded of flint, brick, concrete and cable. (MADE GROUND)
1.00	D2				

Groundwater No groundwater observed	Remarks 1. Concrete slab across pit at 1.40m. Trial Pit terminated.
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Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	616	Trial Pit TP221 Sheet 1 of 1
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Trial Pit Log

Logged by SM Checked by PR	Equipment and Methods Machine excavated Trial Pit from 0.00m to 0.40m.	Ground Level + 5.57 m AOD Coordinates 543475.68 mE 180431.56 mN
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Excavation date 28/06/2000

Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
			0.00-0.40	1	Brown gravelly sandy SILT. Gravel is rounded to angular fine to coarse of flint, brick and concrete. (MADE GROUND)

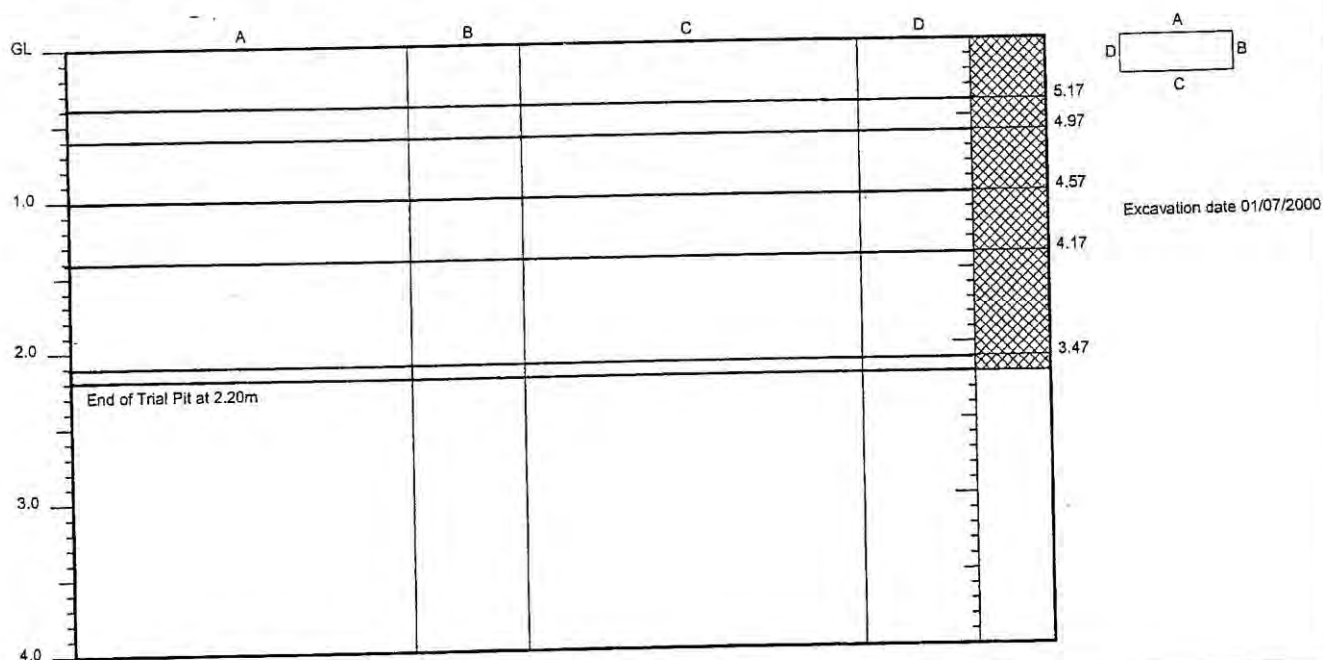
Groundwater No groundwater observed	Remarks 1. Concrete encountered at 0.40m. Pit terminated on concrete at 0.40m. 2. Trial pit re-excavated, through concrete. See log T222R.
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Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	617	Trial Pit TP222 Sheet 1 of 1
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Trial Pit Log

Soil Mechanics

Logged by SM Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 2.20m.	Ground Level + 5.57 m AOD Coordinates 543475.68 mE 158043.56 mN
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Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
0.60	B1		0.00-0.40	1	Brown sandy gravelly SILT. Gravel is rounded to angular fine to coarse of flint, brick and concrete. (MADE GROUND)
			0.40-0.60	2	Reinforced CONCRETE. Reinforcement of 10mm diameter, running east to west. (MADE GROUND)
			0.60-1.00	3	Grey brown very gravelly fine SAND and SILT. Gravel is angular to rounded fine to coarse of flint and concrete. At 0.70m boulder size concrete. (MADE GROUND)
1.10	B2		1.00-1.40	4	Orange brown medium to coarse SAND and rounded fine to coarse flint GRAVEL. (MADE GROUND)
1.40	D1				
2.10	D2		1.40-2.10	5	Dark grey mottled grey very silty very sandy gravelly CLAY. Gravel is rounded fine to coarse of flint. (MADE GROUND)
			2.10-2.20	6	Soft to firm grey mottled dark grey slightly gravelly CLAY. Gravel is coarse brick. (MADE GROUND)

Groundwater
No groundwater observed

Remarks
 1. G.L. to 0.4m re-excavate 15 mins.
 2. Breaking out reinforced concrete at 0.40m for 30 mins.

Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres.
 Scale 1 : 50

Project LONDON CITY AIRPORT
 Project no. 140013
 Carried out for GIBB LTD

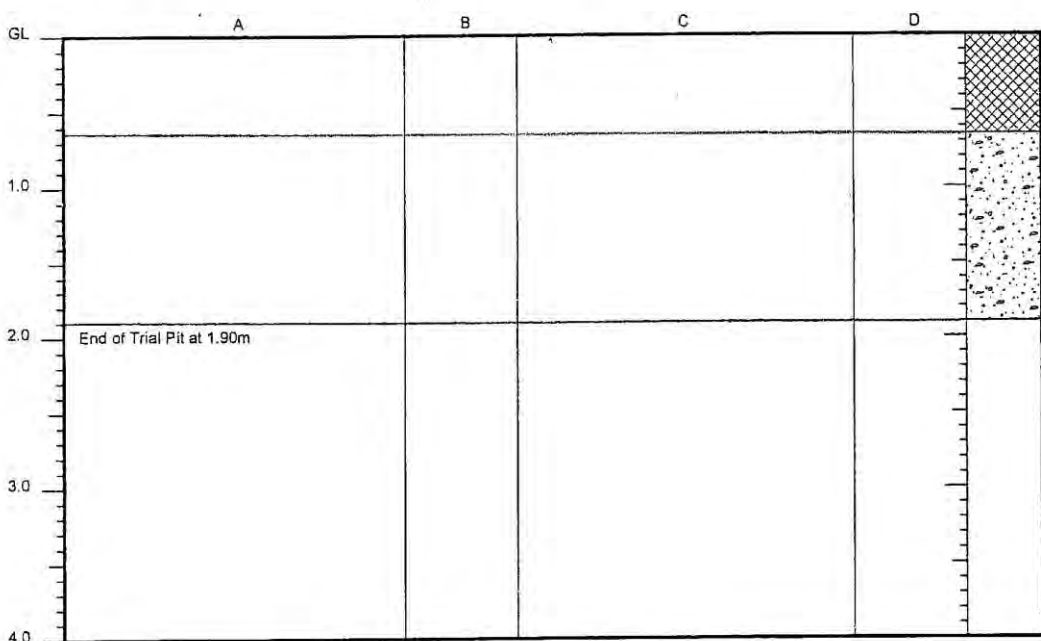
618

Trial Pit
TP222R
 Sheet 1 of 1

03/10/2000 11:31:58

Trial Pit Log

Logged by RM Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 1.90m.	Ground Level + 5.11 m AOD Coordinates 543297.58 mE 180425.02 mN
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A
 B 090°—>>
 C

Excavation date 27/06/2000

Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
0.50	B1		0.00-0.65	1	Brown very gravelly cobbly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of flint and concrete. Cobbles of concrete. (MADE GROUND)
1.00	B2		0.65-1.90	2	Orange very gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of flint. (MADE GROUND)

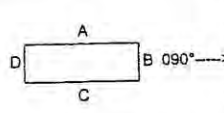
Groundwater No groundwater observed	Remarks 1. Trial pit sides unstable below 0.60m. 2. Hole collapsed back to 1.70m from 1.90m.
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Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	619	Trial Pit TP223 Sheet 1 of 1
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Trial Pit Log

Logged by RM Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 2.10m.	Ground Level + 5.37 m AOD Coordinates 543336.52 mE 180427.57 mN
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GL	A	B	C	D	
GL					4.72
1.0					4.47
2.0					3.32
	End of Trial Pit at 2.10m				
3.0					
4.0					



Excavation date 27/06/2000

Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
0.50	B1		0.00-0.65	1	Brown silty gravelly fine to coarse SAND. Gravel is subangular to subrounded fine to coarse of flint, brick, concrete, clay, pipe fragments and reinforcement bar. (MADE GROUND)
0.80	B2		0.65-0.90	2	Orange gravelly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of flint. (MADE GROUND)
1.00	B3		0.90-2.05	3	Light grey mottled dark grey silty slightly gravelly CLAY with some fine to coarse gravel and cobble sized pockets of dark brown / black, very silty amorphous peat. Gravel is subangular to subrounded fine to coarse flint. With occasional medium to coarse sand sized selenite crystals. Organic odour. (MADE GROUND/ALLUVIUM)
2.10	B4		2.05-2.10	4	Dark grey very silty fine to coarse slightly gravelly SAND. Gravel is subangular light grey conglomerate or sandstone. (MADE GROUND)

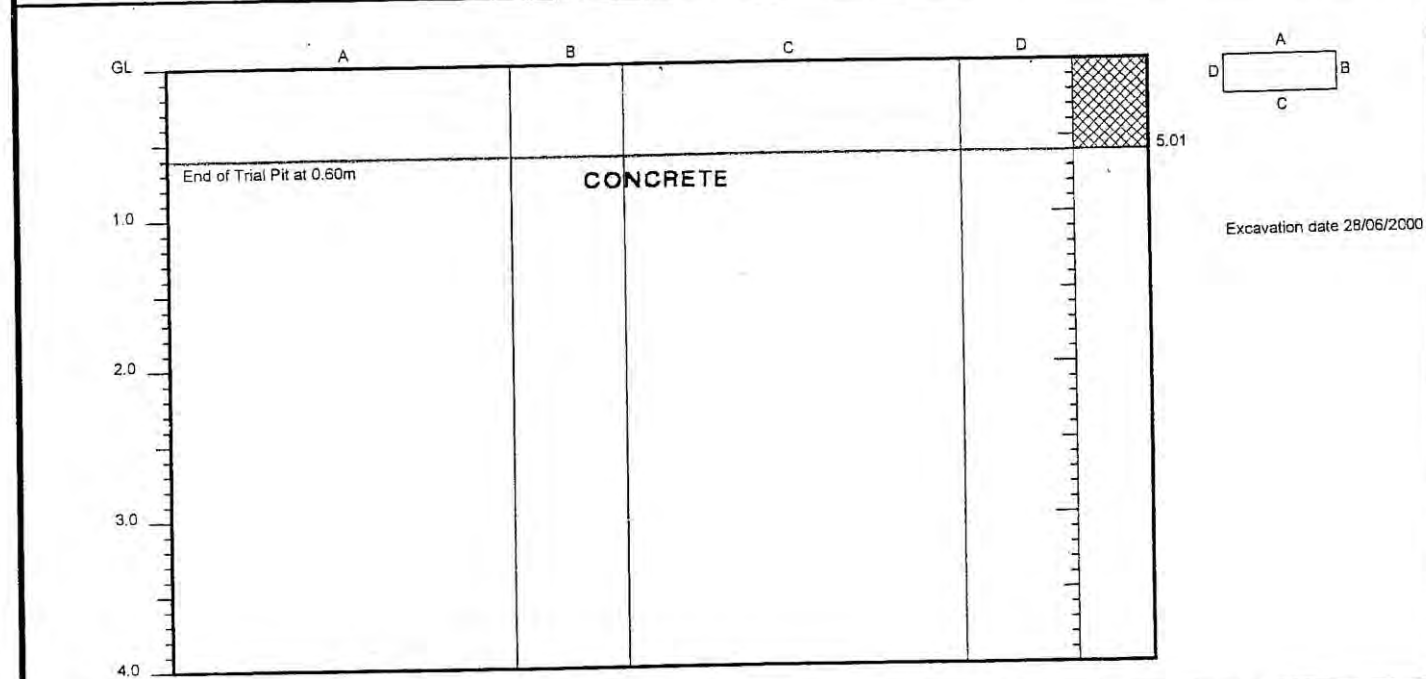
Groundwater No. Struck Behaviour 1. 2.10m	Remarks
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Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	620	Trial Pit TP224 - Sheet 1 of 1
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Trial Pit Log

Soil Mechanics

Logged by SMG Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 0.60m.	Ground Level + 5.61 m AOD Coordinates 543394.28 mE 180426.27 mN
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Samples and Tests			Strata		Description
Depth (m)	Type & No.	Records	Depth (m)	No.	
0.30	B1		0.00-0.60	1	Brown clayey sandy gravelly slightly cobbly SILT. Gravel is angular fine to coarse of brick, concrete and flint. Cobble of brick and concrete. (MADE GROUND) Below 0.20 has occasional boulder size fragments of concrete 0.50m x 0.40m x 0.20m with 15mm diameter reinforcing.

Groundwater No groundwater observed	Remarks 1. Concrete slab encountered at 0.60m. Trial Pit terminated.
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Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	621	Trial Pit TP225 Sheet 1 of 1
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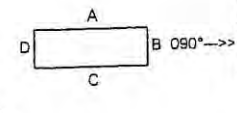
18/09/2000 08:59:21

Trial Pit Log

Soil Mechanics

Logged by RM Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 0.60m.	Ground Level + 5.84 m AOD Coordinates 543438.20 mE 180425.28 mN
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GL	A	B	C	D	
	CONCRETE				5.24
1.0	End of Trial Pit at 0.60m				
2.0					
3.0					
4.0					



Excavation date 28/06/2000

Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
0.40	B1		0.00-0.60	1	Brown silty gravelly slightly cobbly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of flint, brick and concrete. Cobbles of concrete. (MADE GROUND)

Groundwater No groundwater observed	Remarks 1. Concrete slab across pit at 0.60m. Trial Pit terminated.
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Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	622	Trial Pit TP226 Sheet 1 of 1
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18/08/2000 08:59:28

Trial Pit Log

Logged by SM Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 2.30m.	Ground Level + 5.84 m AOD Coordinates 543437.56 mE 180425.27 mN
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GL	A	B	C	D
GL				5.24
1.0				4.69
2.0				3.74
3.0				3.54
4.0				

End of Trial Pit at 2.30m

Excavation date 01/07/2000

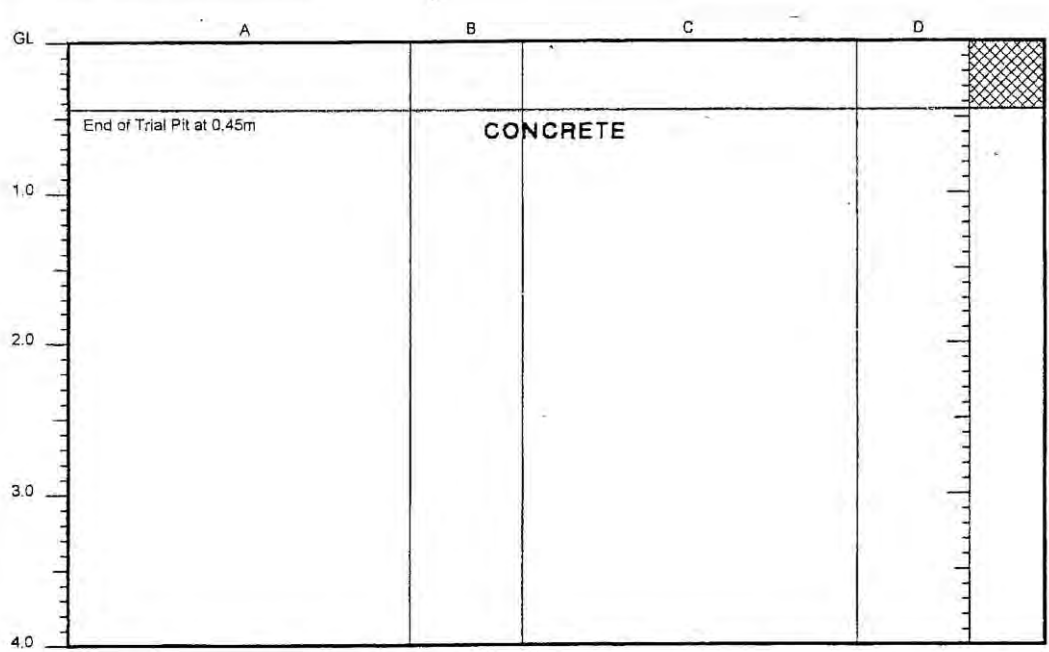
Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
0.00			0.00-0.60	1	Brown silty gravelly slightly cobbly fine to coarse SAND. Gravel is subangular to rounded fine to coarse gravel of flint, brick and concrete. Cobble is of concrete. (MADE GROUND)
0.75	B1		0.60-0.75	2	Reinforced CONCRETE at 0.75m depth east to west. Reinforcements of 10mm diameter. (MADE GROUND)
			0.75-1.15	3	Dark brown slightly silty very gravelly fine to medium SAND. Gravel is angular to rounded fine to coarse of flint, brick and concrete. (MADE GROUND)
1.20	B2		1.15-2.10	4	Firm grey dark grey to grey brown very silty locally very sandy CLAY and rounded to angular fine to coarse GRAVEL of flint and brick. (MADE GROUND)
2.10	B3				Below 1.20m occasional discontinuous beds < 0.10m of orange brown sand and gravel.
			2.10-2.30	5	Soft grey mottled dark grey locally fine sandy very silty CLAY. Rare coarse gravel sized wood. (MADE GROUND)

Groundwater No groundwater observed	Remarks
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Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	<div style="font-size: 2em; font-weight: bold;">623</div>	Trial Pit <div style="font-size: 1.2em; font-weight: bold;">TP226R</div> Sheet 1 of 1
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Trial Pit Log

Logged by RD Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 0.45m.	Ground Level + 5.73 m AOD Coordinates 543454.49 mE 180421.49 mN
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The diagram shows a trial pit log with a vertical depth scale from 0.0 to 4.0 meters. The pit is divided into four horizontal sections labeled A, B, C, and D. Section A is the top layer, followed by B, C, and D. A horizontal line at 0.45m depth is labeled 'End of Trial Pit at 0.45m'. The word 'CONCRETE' is written across sections B, C, and D at this depth. A small cross-hatched area is shown at the top right of section D, with a depth of 5.28m indicated. A small diagram of a rectangular pit is shown to the right of the main log, with labels A, B, C, and D corresponding to the sections.

Excavation date 28/06/2000

Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
0.40	B1		0.00-0.45	1	Brown silty gravelly slightly cobbly fine to coarse SAND. Gravel is subangular to rounded fine to coarse of flint, brick and concrete. Cobbles of concrete. (MADE GROUND)
0.40	D1				

Groundwater No groundwater observed	Remarks 1. Concrete slab across whole pit at 0.45m. Trial Pit terminated.
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Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	<div style="font-size: 2em; font-weight: bold;">624</div>	Trial Pit <div style="font-size: 1.5em; font-weight: bold;">TP227</div> Sheet 1 of 1
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Trial Pit Log

Soil Mechanics

Logged by SMG Checked by SS	Equipment and Methods Machine excavated Trial Pit from 0.00m to 2.10m.	Ground Level + 5.67 m AOD Coordinates 543308.35 mE 180407.46 mN
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GL	A	B	C	D
GL				
1.0				
2.0				
3.0				
4.0				

End of Trial Pit at 2.10m

A
B 0.90m
C

Excavation date 27/06/2000

4.72
4.27
3.57

Samples and Tests			Strata		
Depth (m)	Type & No.	Records	Depth (m)	No.	Description
0.50	B1		0.00-0.95	1	Brown gravelly SAND and SILT. Gravel is rounded to angular fine to coarse of flint and concrete. (MADE GROUND)
1.00	B2		0.95-1.40	2	Orange brown medium to coarse SAND and rounded fine to coarse gravel of flint, white chalk with some silt size fragments. At 1.00m depth boulder of concrete. (MADE GROUND)
1.90	B3		1.40-2.10	3	Off white gravelly weak CHALK with some silt size fragments and occasional light yellow brown sand. (MADE GROUND)

Groundwater No. Struck Behaviour 1. 2.00m Slight seepage	Remarks 1. Moderately unstable below 1.40m.
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Notes : For explanation of symbols and abbreviations see key sheet. All depths in metres. Scale 1 : 50	Project LONDON CITY AIRPORT Project no. 140013 Carried out for GIBB LTD	625	Trial Pit TP228 Sheet 1 of 1
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29/09/2000 14:18:12