



Ground Investigation Factual Report



GEOCORE CONTROL SHEET

Claim Number: N/A

Client: QuestGates

Client Ref: QG1S1141035

Policy Holder:

Site Address: Silverton Lodge, 118 Church Road, London, SE19 2UE

Project No.: HH/23/70502

Issue Date: August 23

Office: Geocore Site Investigations Ltd, (Part of RSK Environment Limited), Tralee Close, Kirkleatham Business Park, Redcar, TS10 5SG

Version: FAC-01

Lizzie Ayre
Client Support Administrator
L Ayre

Edward Lodge
Operations Director
E Lodge

VERSION CONTROL SHEET

Reference	Date	Status	Amended by	Approved by
FAC-01	04/08/2023	Final	n/a	n/a

This report is not to be used for contractual or engineering purposes unless signed by the approver and designated as 'Final'. This report has been prepared for the sole internal use and reliance of the named Client. This report should not be relied upon or transferred to any other parties without the express written authorisation of Geocore Site Investigations Ltd. If an unauthorised third party comes into possession of the report, they rely on it at their own risk and Geocore Site Investigations Ltd owes them no duty of care and skill.

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1 INTRODUCTION

1.1 Commissioning

Geocore Site Investigations Ltd (Geocore) was instructed by QuestGates to undertake the intrusive ground investigation. Geocore was commissioned to provide the following for the project:

- Factual report
- Site Plan highlighting exploratory hole locations and location of the drainage
- Exploratory bore hole logs and diagrams
- Laboratory Testing Results including root analysis and a heave analysis
- Drainage recommendations if any repairs deemed appropriate

1.2 Scope of works

The scope instructed by QuestGates included:

- 1 trial pits and 1 boreholes to a depth of 3 m
- Insitu testing
- Root analysis

1.3 Limitations

This report presents a description of the site at the time of the investigation, results of the investigation, in-situ testing undertaken, strata encountered and geotechnical test results

There may be other conditions prevailing at the site which have not been disclosed by this investigation and which have not been considered by this report. Responsibility cannot be accepted for conditions at the site not revealed by the investigation and confirmation of intermediate ground conditions between exploratory holes should be considered if deemed necessary.

Unless instructed by the Client, Geocore is not obliged to and disclaims any obligation to update the report for events taking place after the date on which this investigation was undertaken.

2 SITE DETAILS

2.1 Site location

A site plan of the area is presented in **Figure 1**

Table 1 - Site Location

Site name	Silverton Lodge, 118 Church Road,
Full site address and postcode	London, SE19 2UE
Site Team	P Chapman & D Jones
Site Date	13/7/23

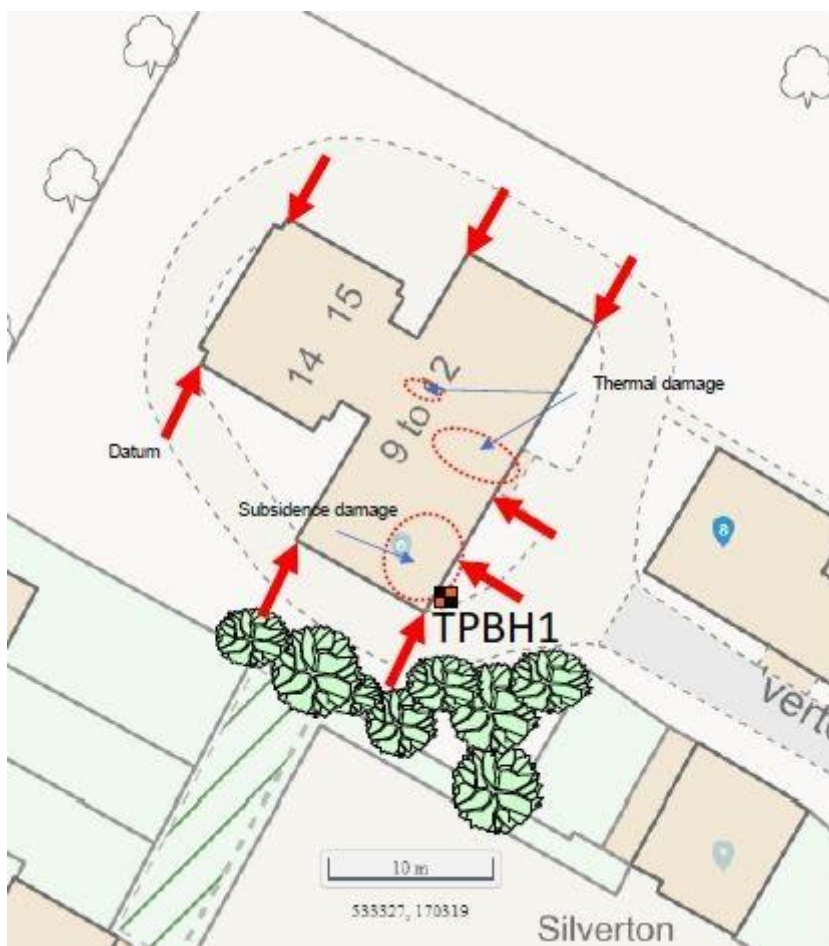
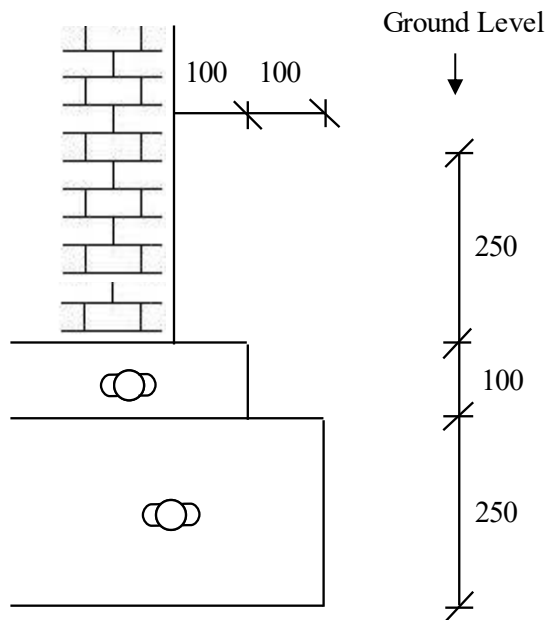


Figure 1: Site plan

APPENDIX A

TP/BH1 Foundation Detail



For strata information, please refer to borehole log TPBH1.

APPENDIX A

Borehole Record

Borehole Number 1

GEOCORE		BOREHOLE LOG		Geocore Site Investigations Ltd Tralee Close, Kirkleatham Business Park Redcar, TS10 5SG Telephone: 01642 481144							
Location Silverton Lodge, 118 Church Road, London, SE19 2UE					BOREHOLE No TPBH1						
Job No HH/23/70502	Date 13-07-23	Ground Level (m)	Co-Ordinates (l)								
Client QuestGates					Sheet 1 of 1						
SAMPLES & TESTS			STRATA								
Depth	Type No	Test Result	Water	Reduced Level	Legend	Depth (Thickness)	DESCRIPTION	Instrument/ Backfill			
						(0.20) 0.20	MADE GROUND topsoil.				
						(0.40) 0.60	MADE GROUND light brown slightly gravelly clay. Gravel is of brick and concrete.				
0.60-2.30	ROOTS						BASE OF FOUNDATION AT 0.6m Stiff becoming very stiff with depth light brown slightly sandy CLAY with many roots.				
0.70 0.70	B1 HV	86kpa@0.7m									
1.20 1.20	B2 HV	100kpa@1.7m				(1.70)					
2.30 2.30	B3 HV	130+kpa@2.3m				2.30					
Boring Progress and Water Observations			Chiselling		Water Added		GENERAL REMARKS				
Date	Time	Depth	Casing Depth	Casing Dia. mm	Water Dpt	From	To	Hours	From	To	Borehole terminated at 2.3m due to refusal on stiff clay. Excavation remained open and dry on completion.
All dimensions in metres Scale 1:20.625			Client Engineer Andrea Varney			Method/ Plant Used HH Window Sampler		Logged By P Chapman			

Appendix C

Root Analysis

ROOT IDENTIFICATION

Silverton Lodge

Client Reference: 70502
 Report Date: 24 July 2023
 Our Ref: R54027

Sub Sample	Species Identified	Root Diameter	Starch
TP/BH1:			
USF to 2.3m	<i>Acer</i> spp.	1 mm	Abundant
USF to 2.3m	either <i>Quercus</i> spp. or <i>Castanea</i> spp.	<1 mm	Low
USF to 2.3m	broadleaved species, too decayed for positive identification	<1 mm	Absent

Comments:

Acer spp. are maples, including sycamore, Norway maple, and Japanese maples.
Quercus spp. are oaks. *Castanea* spp. include sweet chestnut.

Signed: R. Shaw

Unless we are otherwise instructed in writing, the above sample material will normally be disposed of 6 years after the date of this report.