

SITE INVESTIGATION FACTUAL REPORT

Report No: 459592
Client: Cunningham Lindsey - Maidstone
Site: 22 Wheatsheaf Close

Client Ref: 6579875-Miss Carter
Date of Visit: 13/09/17

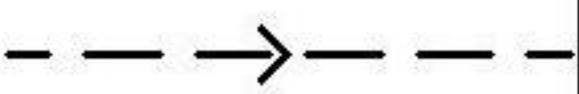
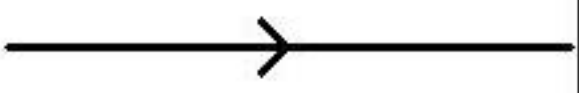
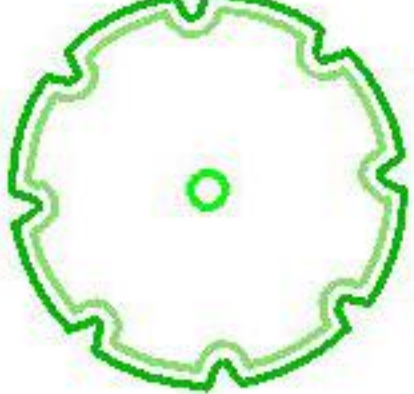
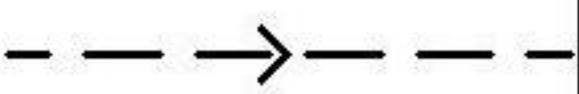
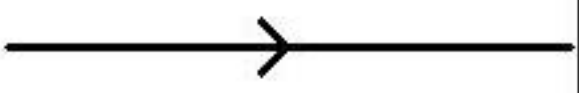
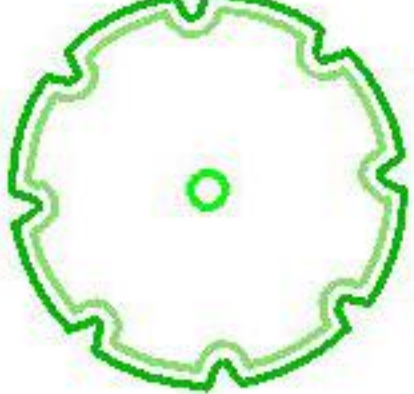
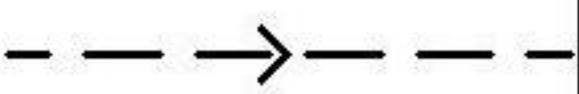
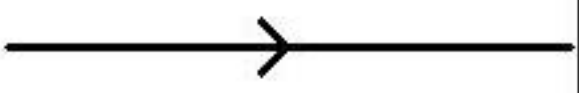
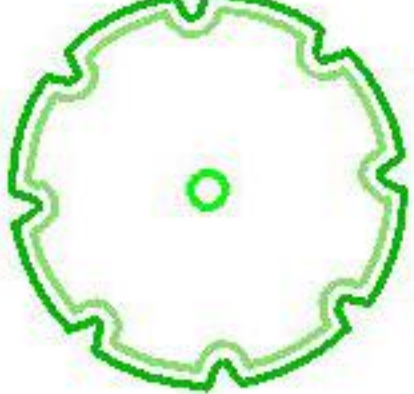


Home Emergency Response - Subsidence Investigation - Drainage Services – Crack & Level Monitoring – Property Video Surveys

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Investigation Layout Plan			Sheet: 1 of 1	Site: 22 Wheatsheaf Close																																
			Job No: 459592																																	
			Date: 13/09/2017	Work carried out for: Cunningham Lindsey																																
AG (SI)	SA (Checked)	PS (Drawn)	Weather: DRY																																	
NEIGHBOURS GARAGE H 18M D 10M																																				
WALLED GARDEN LAWN PATIO STEP REAR DOOR GARAGE CONSERVATORY NO:22 TP/BH1 H 2M D 0.5M																																				
ON SITE TREE IDENTIFICATION FOR GUIDANCE ONLY. NOT AUTHENTICATED.																																				
Remarks:		<table><tr><td>Key:</td><td></td><td>Surface Water Drain</td><td></td></tr><tr><td>Combined Gulley</td><td>RWWG</td><td>Foul Water Drain</td><td></td></tr><tr><td>Manhole</td><td>MH</td><td>Tree / Bush</td><td></td></tr><tr><td>Rain Water Pipe</td><td>RWP</td><td>(approx. ht in m)</td><td></td></tr><tr><td>Rain Water Gulley</td><td>RWG</td><td>Trial Pit</td><td></td></tr><tr><td>Soil Vent Pipe</td><td>SVP</td><td>Borehole</td><td></td></tr><tr><td>Waste Gulley</td><td>WG</td><td>O/D - Open Discharge</td><td></td></tr><tr><td>Waste Pipe</td><td>WP</td><td></td><td></td></tr></table>			Key:		Surface Water Drain		Combined Gulley	RWWG	Foul Water Drain		Manhole	MH	Tree / Bush		Rain Water Pipe	RWP	(approx. ht in m)		Rain Water Gulley	RWG	Trial Pit		Soil Vent Pipe	SVP	Borehole		Waste Gulley	WG	O/D - Open Discharge		Waste Pipe	WP		
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Scale: N.T.S.																																				

Trial Pit No: 1		Sheet: 1 of 1	Site: 22 Wheatsheaf Close
		Job No: 459592	
Hand Tools		Drawn by: PS	
Weather: DRY		Ground Level mOD:	

The diagram illustrates a trial pit with a width of 650 mm and a depth of 1400 mm. The pit is located next to a brick wall (130 mm thick) and a concrete foundation (1600 mm wide). The soil strata are as follows:

- GROUND LEVEL: GRASS
- MADE GROUND: Medium compact, brown, gravelly, clay with brick fragments. ROOTS OF LIVE APPEARANCE TO 3MMØ.
- Stiff, brown, very silty CLAY with partings of brown silty and fine sand.
- ROOTS OF LIVE APPEARANCE TO 1.5MMØ U/S FOUNDATION.

FOR STRATA BELOW 1700mm SEE BH LOG 1

Remarks: All measurements in millimetres.		Key: D Small disturbed sample J Jar sample B Bulk disturbed sample V Pilcon Vane (kPa) W Water sample M Mackintosh probe TDTD Too dense to drive	
Logged: AG	Checked: SA	Approved:	Scale: N.T.S.

Borehole		1		Sheet:	1 of 1	Site:	22 Wheatsheaf Close									
				Job No:	459592											
				Date:	13/09/2017											
Boring Method:	Hand Auger			Ground Level:		Client:	Cunningham Lindsey - Maidstone									
Diameter (mm):	75	Weather:	dry													
Depth	Soil Description						Samples and Tests									
(m)						Thickness	Legend	Depth	Type	Result						
0.00	See Trial Pit					1.70										
1.70	Stiff friable brown very silty CLAY with partings of orange and brown silt and fine sand					1.60	* — *									
							* — *									
							* — *									
							* — *	2.00	DV	120+						
							* — *			120+						
							* — *									
							* — *									
							* — *									
							* — *	2.50	DV	120+						
							* — *			120+						
							* — *									
							* — *									
							* — *									
							* — *	3.00	DV	120+						
							* — *			120+						
							* — *									
							3.30	End of BH								
							Remarks: BH ends at 3.3m, to hard to hand auger, BH dry and open on completion,no roots observed below 2.6m.					Key: D - Disturbed Sample B - Bulk Sample W - Water Sample Roots J - Jar Sample Roots V - Pilcon Shear Vane (kPa) Roots M - Mackintosh Probe Depth to Water (m) TDTD - Too Dense To Drive				
Logged:	AG	SA	Checked:	Approved:	Version	V1.0 28/01/16	N.T.S.									

Laboratory Summary Results

Our Ref :

459592

Date Sampled:

13/09/17

Location :

22 Wheatsheaf Close, West Sussex, RH15 8UT

Date Received :

14/09/17

Client:

Cunningham Lindsey - Maidstone

Date Tested :

15/09/17

Address:

4 North Court, South Park Business Village, Armstrong Road, ME15 6JZ

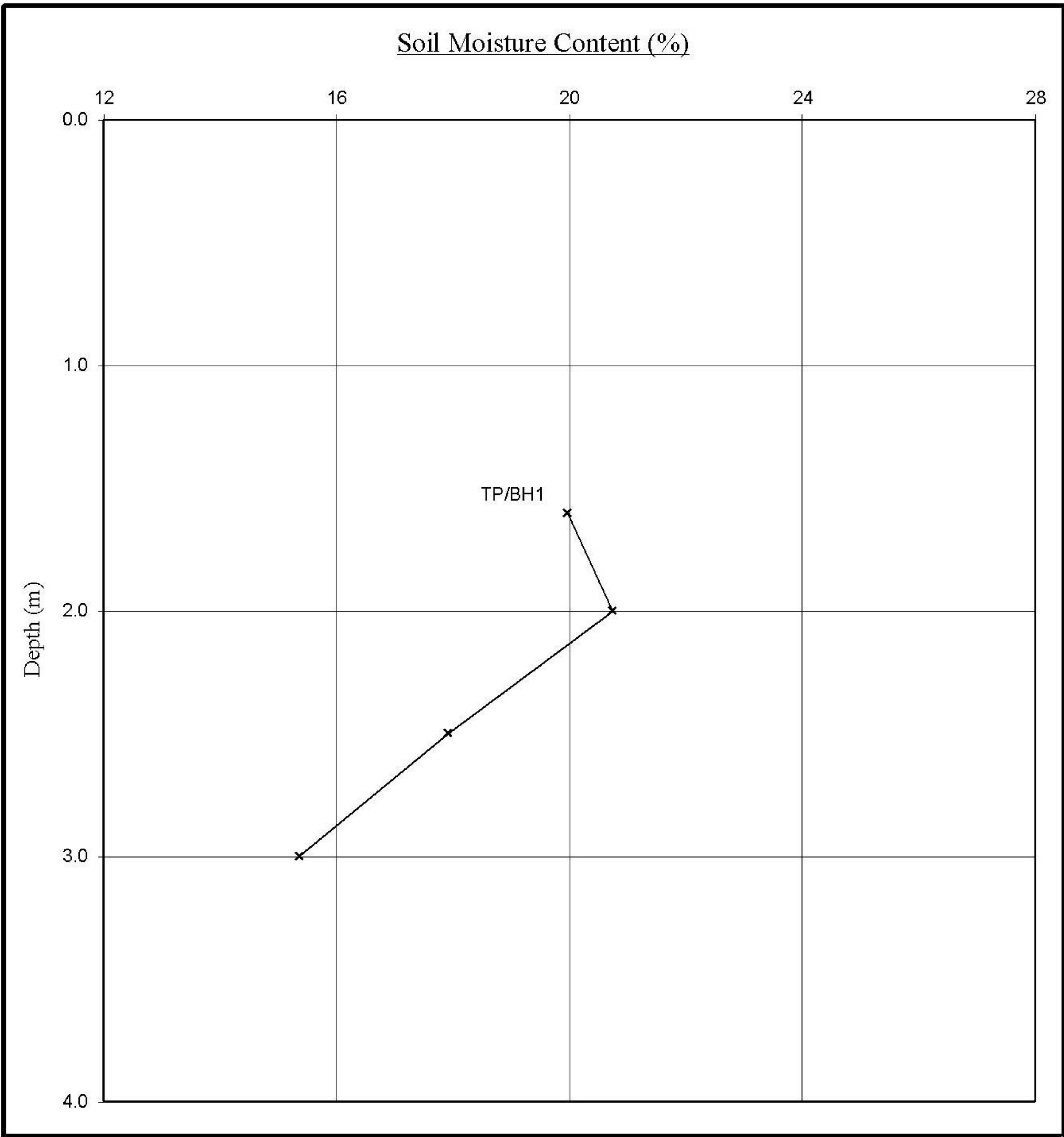
Date of Report :

26/09/17

Sample Ref		Type	Moisture Content (%) [1]	Soil Fraction > 0.425mm (%) [2]	Liquid Limit (%) [3]	Plastic Limit (%) [4]	Plasticity Index (%) [5]	Liquidity * Index [5]	Modified * Plasticity Index (%) [6]	Soil * Class [7]	Filter Paper Contact Time (h)	Soil Sample Suction (kPa) [8]	Oedometer Strain [9]	Estimated Heave Potential (Dd) (mm)[10]	In situ * Shear Vane Strength (kPa) [11]	Organic * Content (%) [12]	pH * Value [13]	Sulphate Content * (g / l)		* Class [16]
TP/BH No	Depth (m)																	SO3 [14]	SO4 [15]	
1	U/S 1.60	D	20	<5	48	24	24	-0.17	24	CI					> 120					
	2.0	D	21	<5	62	24	38	-0.09	38	CH					> 120					
	2.5	D	18	<5	54	23	31	-0.16	31	CH					> 120					
	3.0	D	15	<5	47	22	25	-0.27	25	CI					> 120					
Not suitable for suction testing - too dry																				

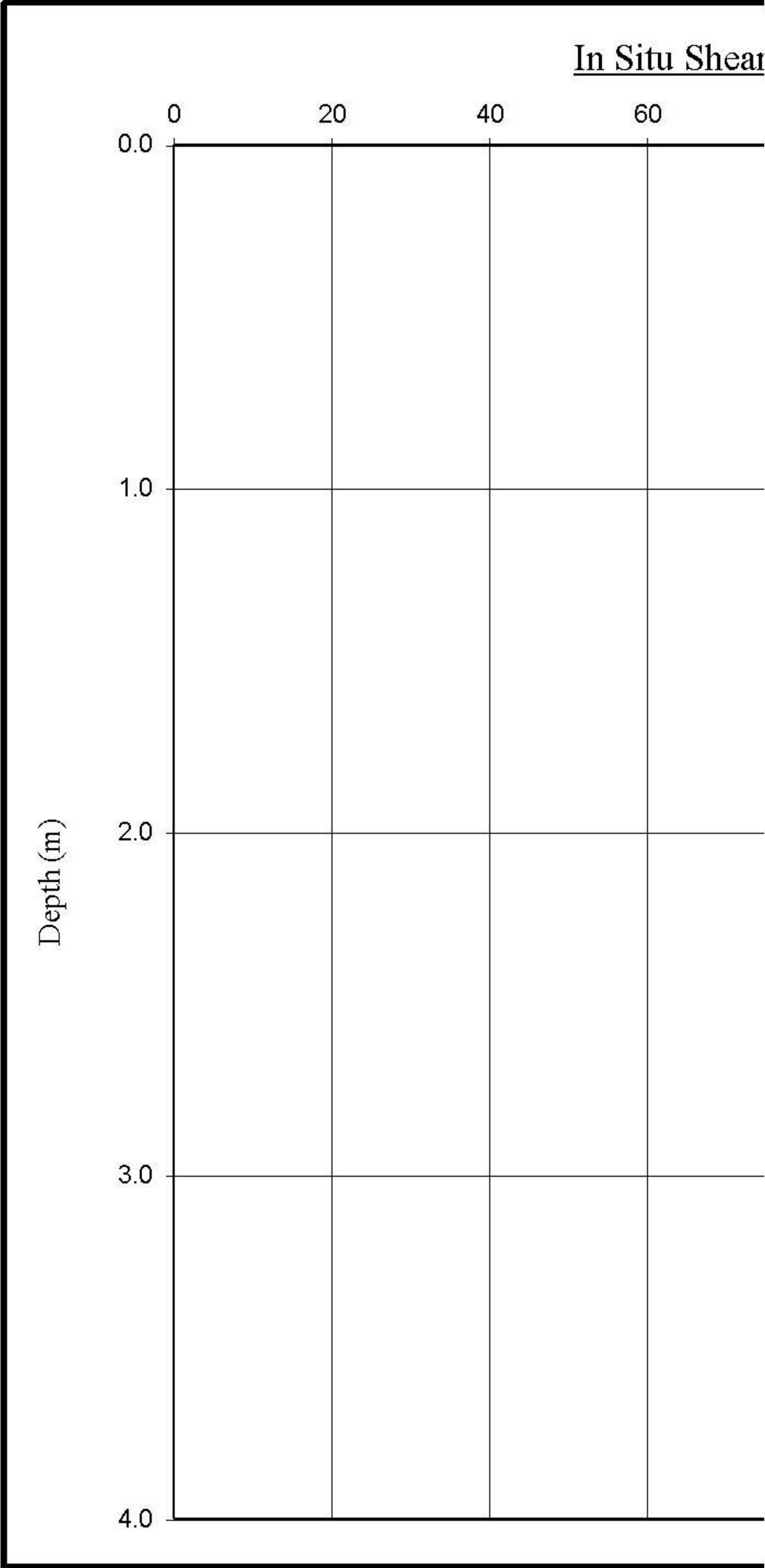
Moisture Content Profiles

Our Ref : 459592
Location : 22 Wheatsheaf Close, West Sussex, RH15 8UT
Work carried out for: Cunningham Lindsey - Maidstone



- Notes
1. If plotted, 0.4 LL and PL+2 (after Driscoll, 1983) should only be applied to London Clay (and similarly overconsolidated clay) at shallow depths.
 2. Unless specifically noted the profiles have not been related to a site datum.

Shear Str



- Note
1. Unless otherwise stated, values of Sh CET using a Pilcon Hand Vane the calit a maximum reading of 120 kPa.
 2. Unless specifically noted the profiles

