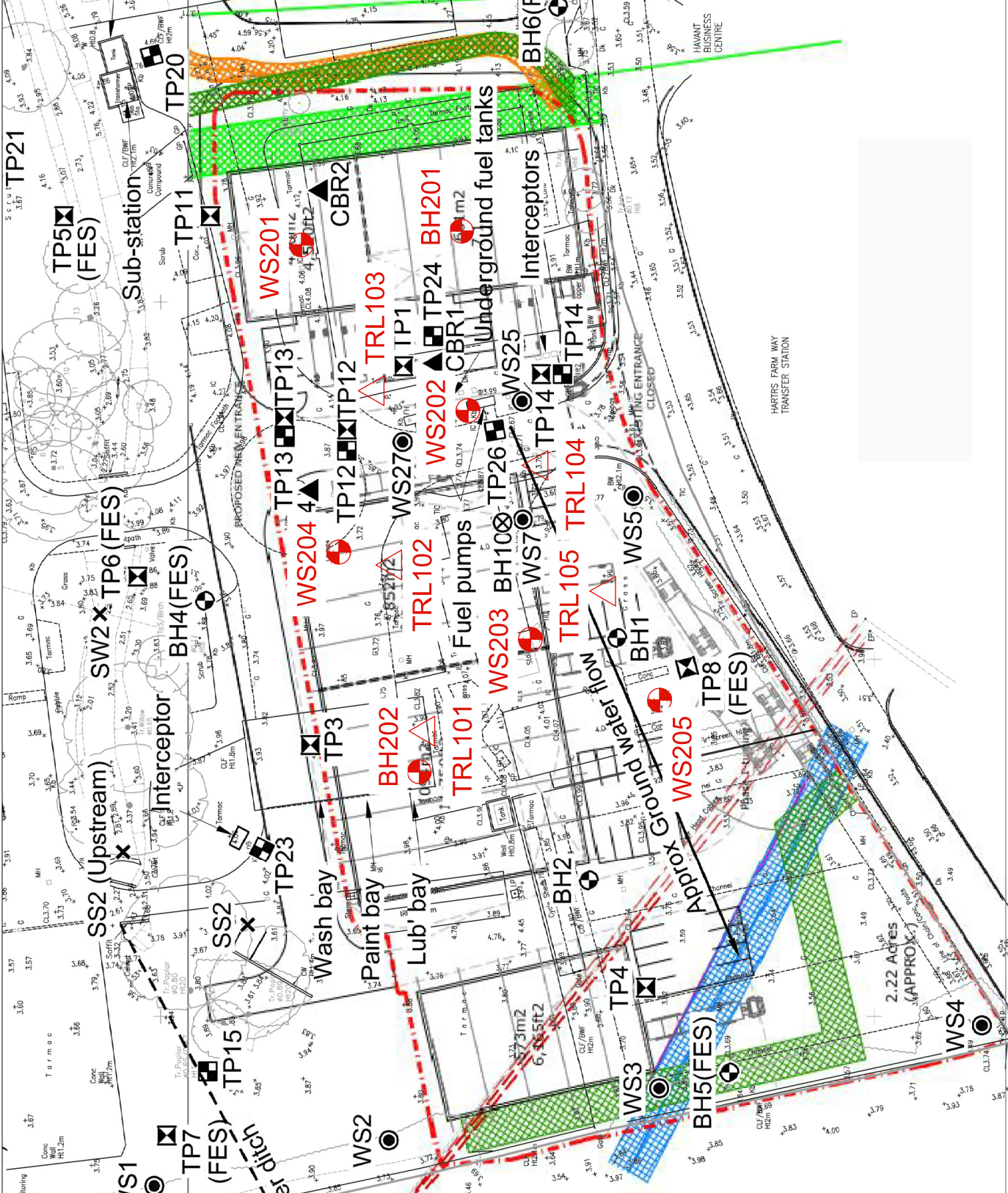




FES and RPS INVESTIGATIONS

- TP Pit Location
- Borehole Location

SSL INVESTIGATION

- Trial Pit Location
- Window Sample Location
- Borehole Location
- Surface Water Samples
- In situ CBR Test

RIDGE INVESTIGATION

- Borehole Location
- Window Sample Location
- TRL (CBR) Location

SCALE NTS (A3)
DATE 15.09.2017
DRAWN BY AP
CHECKED BY RP

INVESTIGATION LOCATION PLAN

PROJECT
PLOT 4 - HARTS FARM WAY
HAVANT

CLIENT
SALMON

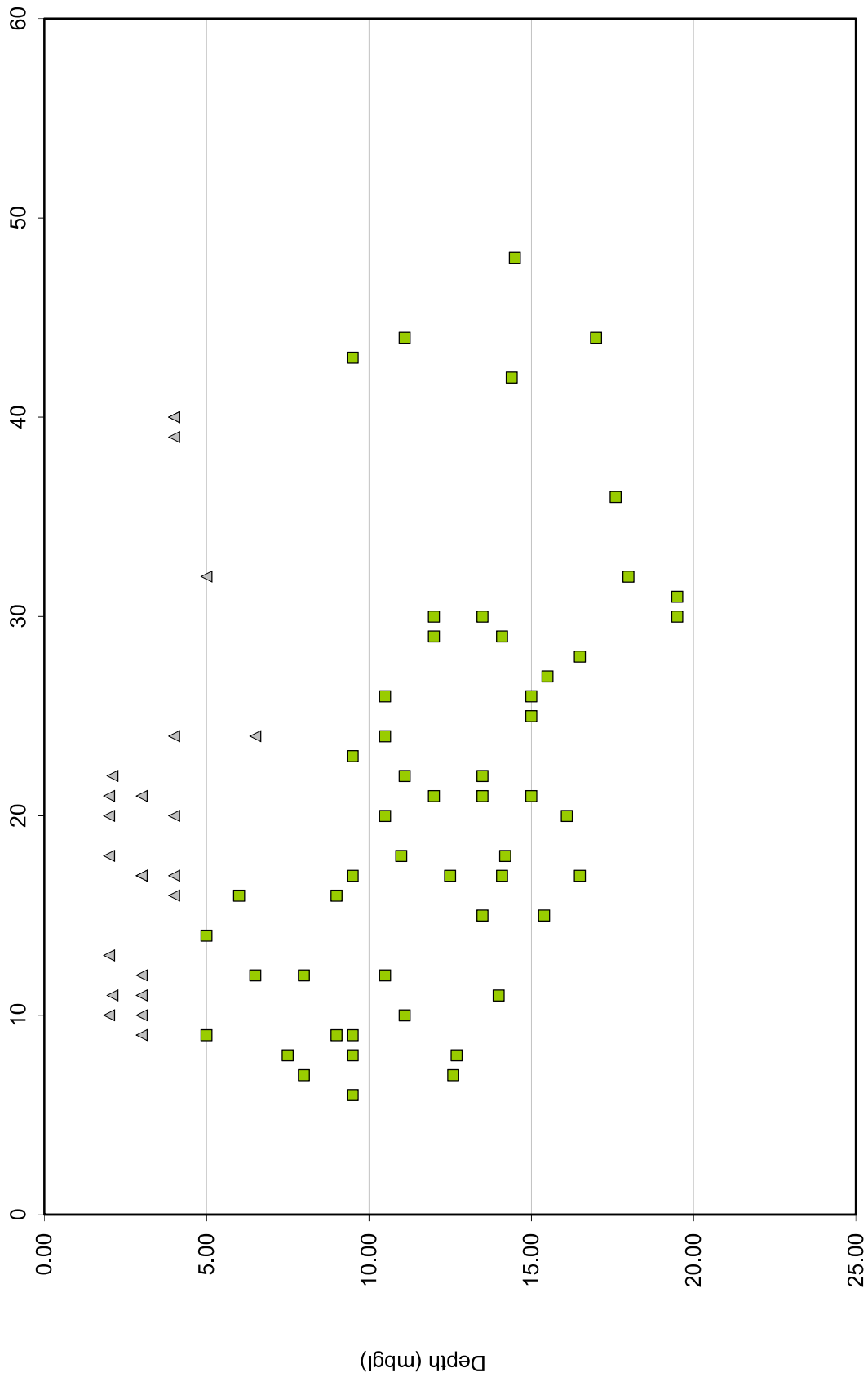


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FIGURE 3 – SPT N VS DEPTH

SPT N



APPENDIX 1 – REPORT CONDITIONS

This report is produced solely for the benefit of **Salmon Property** and no liability is accepted for any reliance placed on it by any other party unless specifically agreed in writing otherwise.

This report refers, within the limitations stated, to the condition of the site at the time of the inspections. No warranty is given as to the possibility of future changes in the condition of the site.

This report is based on a visual site inspection, study of readily accessible referenced historical records, information supplied by those parties noted in the text and preliminary discussions with local and Statutory Authorities. Some of the opinions are based on unconfirmed data and information and are presented in good faith without exhaustive clarification. Where ground contamination is suspected but no physical site test results are available to confirm this, the report must be regarded as initial advice only, and further assessment should be undertaken prior to detailed activities related to the site. Where test results undertaken by others have been made available these can only be regarded as a limited sample. The possibility of the presence of contaminants, not revealed by this research cannot be discounted.

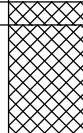
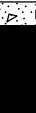
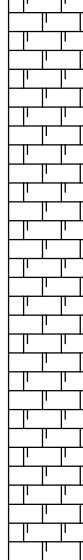
Whilst confident in the findings detailed within this report because there are no exact UK definitions of these matters, being subject to risk analysis, we are unable to give categoric assurances that they will be accepted by Authorities or Funds etc. without question, as such bodies may have unpublished, often more stringent objectives. This report is prepared for the proposed uses stated in the report and should not be used in a different context without reference to Ridge and Partners LLP. In time improved practices or amended legislation may necessitate a re-assessment.

The report is necessarily limited to those aspects of land contamination specifically reported on and no liability is accepted for any other aspect especially concerning gradual or sudden pollution incidents that may occur. The opinions expressed cannot be absolute due to the limitations of time and resources within the context of the agreed brief and the possibility of unrecorded previous use and abuse of the site and adjacent sites. The report concentrates on the site as defined in the report and provides an opinion on surrounding sites. If migrating pollution or contamination (past or present) exists this can only practically be better assessed following extensive on and off site intrusive investigations and monitoring.

APPENDIX 2 – ENGINEERING LOGS

BOREHOLE LOG

Project Harts Farm Way				BOREHOLE No BH201	
Job No 5004378	Date 04-09-17 04-09-17	Ground Level (m)	Co-Ordinates ()	Sheet 1 of 1	
Contractor DJ Drilling					

SAMPLES & TESTS			Water	STRATA			Geology	Instrument/ Backfill	
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thick- ness)			DESCRIPTION
0.25 0.40-0.60	D1 B2	75 blows				0.20	Brown silty clayey fine to coarse angular to sub-rounded flint GRAVEL with occasional brick and concrete fragments (Made Ground) Reworked while CHALK with occasional fine to coarse sub-angular flint gravel (Made Ground)		
1.00 1.20-1.60	D3 U4				(1.10)				
1.60	D5				1.30		1.70	Brown slightly clayey sandy fine to medium sub-angular flint GRAVEL	
2.10 2.10	B6				(3.30)		5.00	Brown grey sandy fine to medium sub-angular flint GRAVEL	
3.00 3.00	B7								
4.00 4.00	B8								
5.00 5.00	B9								
6.00	D10						(5.00)	White CHALK recovered as putty with occasional Chalk clasts	
6.50 6.50	D11								
7.50	D12								
8.00 8.00	D13								
9.00	D14								
9.50 9.50	D15						10.00		

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Depth	Date	Time	Casing Depth	Casing Dia. mm	Water Depth	From	To	Hours	From	To	
All dimensions in metres Scale 1:65.625						Client Salmon		Method/ Plant Used Cable Percussive		Logged By RP	

BOREHOLE LOG

Project Harts Farm Way				BOREHOLE No BH202
Job No 5004378	Date 04-09-17 04-09-17	Ground Level (m)	Co-Ordinates ()	
Contractor DJ Drilling				Sheet 1 of 1

SAMPLES & TESTS			Water	STRATA			Geology	Instrument/ Backfill	
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)			DESCRIPTION
0.25	D1				(0.50)	Brown silty clayey fine to coarse angular to sub-rounded flint GRAVEL with occasional chalk, brick and concrete fragments (Made Ground)			
0.50-0.70	B2				(1.20)		Reworked while CHALK with occasional fine to coarse sub-angular flint gravel (Made Ground)		
1.00	D3					Brown grey sandy fine to medium sub-angular flint GRAVEL			
1.20	D4								
1.80	D5								
1.80	B6								
2.10	B7								
3.00	B8								
4.00	B9								
5.00	D10								
6.00	B11								
6.50	D12								
7.50	B13								
8.00	D14								
8.00	D15								
9.00									
9.50									
9.50									

Report ID: AGS4 UK BH Project: HEW LOGS.GPJ	Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
	Depth	Date	Time	Casing Depth	Dia. mm	Water Depth	From	To	Hours	From	To	
	All dimensions in metres Scale 1:65.625		Client Salmon				Method/ Plant Used		Cable Percussive		Logged By RP	

BOREHOLE LOG

Project Harts Farm Way				BOREHOLE No WS201	
Job No 5004378	Date 04-09-17 04-09-17	Ground Level (m)	Co-Ordinates ()	Sheet 1 of 1	
Contractor DJ Drilling					

SAMPLES & TESTS			Water	STRATA				Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)	DESCRIPTION		
0.30-0.50	ES1					0.30 0.50	Brown silty sandy fine to coarse angular to sub-rounded flint GRAVEL (Made Ground)		
						0.90	Brown clayey fine to medium anfular to sub-rounded flint GRAVEL (Made Ground)		
						(0.70)	Reworked while CHALK with occasional fine to coarse sub-angular flint gravel (Made Ground)		
1.70-2.00	ES2					1.60	Dark brown very clayey fine to medium sub-angular flint GRAVEL		
2.00							Brown grey silt fine to medium sub-angular flint GRAVEL with occasional chalk fragments		
3.00						(2.40)			
4.00						4.00			

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Depth	Date	Time	Casing Depth	Casing Dia. mm	Water Depth	From	To	Hours	From	To	
All dimensions in metres Scale 1:65.625						Client Salmon			Method/ Plant Used Terrier Mk2		Logged By RP

BOREHOLE LOG

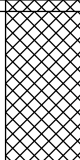
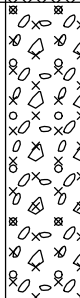
Project Harts Farm Way				BOREHOLE No WS202	
Job No 5004378	Date 04-09-17 04-09-17	Ground Level (m)	Co-Ordinates ()	Sheet 1 of 1	
Contractor DJ Drilling					

SAMPLES & TESTS			Water				STRATA	Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thick- ness)	DESCRIPTION		
0.20-0.40	ES1				0.40	Brown grey sandy fine to coarse angular to sub-rounded flint GRAVEL with occasional chalk, brick and concrete fragments (Made Ground)			
					0.80	Brown slightly clayey silty fine to coarse angular to sub-rounded flint GRAVEL (Made Ground)			
1.00-1.20	ES2				1.20	Reworked white CHALK with occasional fine to coarse sub-angular flint gravel (Made Ground)			
1.00					(0.50)	Soft very dark grey silty gravelly CLAY			
1.80-2.00	ES3					1.70	Hydrocarbon odour and staining from 1.3m		
2.00						Grey silty fine to medium sub-angular flint GRAVEL			
					(2.30)				
3.00									
4.00					4.00				

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Depth	Date	Time	Casing Depth	Casing Dia. mm	Water Depth	From	To	Hours	From	To	
All dimensions in metres Scale 1:65.625						Method/ Plant Used Terrier Mk2			Logged By RP		

BOREHOLE LOG

Project Harts Farm Way				BOREHOLE No WS203	
Job No 5004378	Date 04-09-17 04-09-17	Ground Level (m)	Co-Ordinates ()		
Contractor DJ Drilling				Sheet 1 of 1	

SAMPLES & TESTS			Water	STRATA			Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thick- ness)		
0.20-0.30	ES1				0.10 (1.30)	Soft brown gravelly CLAY with rootlets and occasional brick fragments (Made Ground) Reworked while CHALK with occasional fine to coarse sub-angular flint gravel (Made Ground)		
1.00						1.40		
1.90-2.10	ES2					(2.60)	Brown silty fine to medium sub-angular flint GRAVEL	
2.00								
3.00								
4.00								
								
								
								
								
								
								
								
								
								
								
								
								
								
								
								
								
								
								

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Depth	Date	Time	Casing Depth	Dia. mm	Water Depth	From	To	Hours	From	To	
All dimensions in metres Scale 1:65.625						Method/ Plant Used Terrier Mk2			Logged By RP		

BOREHOLE LOG

Project Harts Farm Way				BOREHOLE No WS204
Job No 5004378	Date 04-09-17 04-09-17	Ground Level (m)	Co-Ordinates ()	
Contractor DJ Drilling				Sheet 1 of 1

SAMPLES & TESTS			Water	STRATA			Geology	Instrument/ Backfill
Depth	Type No	Test Result		Reduced Level	Legend	Depth (Thickness)		
0.20-0.40	ES1					0.10	Asphalt	
					0.50	Brown black clayey sandy fine to coarse angular to sub-rounded flint GRAVEL with occasional brick and concrete fragments		
					0.70	(Made Ground)		
					1.00	Brown clayey fine SAND		
1.00	ES2					(0.70)	Reworked white CHALK with occasional fine to coarse sub-angular flint gravel (Made Ground)	
					1.70	Soft dark brown slightly silty slightly gravelly CLAY		
1.80-2.00								
2.00								
3.00						(2.30)	Grey silty fine to medium sub-angular flint GRAVEL	
4.00						4.00		

Boring Progress and Water Observations						Chiselling			Water Added		GENERAL REMARKS
Depth	Date	Time	Casing Depth	Dia. mm	Water Depth	From	To	Hours	From	To	

All dimensions in metres Scale 1:65.625	Client	Salmon	Method/ Plant Used	Terrier Mk2	Logged By	RP
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Report ID: AGS4 UK BH || Project: HFW LOGS.GPJ || Library: GINT STD AGS 4 0.GLB || Date: 15 September 2017