

Report No	Date
25061/R2	April 2026
Project	COED D'ARCY – SOIL VERIFICATION REPORT
Client	TRJ

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Report No:	Date:
25061/R2	April 2026

Project:
COED D'ARCY – SOIL VERIFICATION REPORT

Issue Number	Status	Description of Amendments
1	Draft	
2	Final	

Report prepared by:
Signed  BSc.(Hons), MSc., FGS, CGeol

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FOREWORD

General Conditions Relating to a Verification Report

This investigation has been devised to generally comply with the relevant principles and requirements of B.S.10175:2011+A2:2017 'Investigation of potentially contaminated sites - Code of practice', science report SC050021/SR3 'Updated Technical Background to the CLEA Model' (Environment Agency, 2008), and DEFRA/Environment Agency (EA), 2019 'land contamination: risk management'. The recommendations made and opinions expressed in this report are based on the information obtained from the sources described using a methodology intended to provide reasonable consistency and robustness.

The opinions expressed in this report are based on the ground conditions revealed by the site works, together with an assessment of the site and of laboratory test results. Whilst opinions may be expressed relating to sub-soil conditions in parts of the site not investigated, for example between exploratory positions, these are only for guidance and no liability can be accepted for their accuracy.

Boring and sampling procedures are undertaken in accordance with B.S.5930:2015 +A1:2020 'Code of Practice for Ground Investigations'. Likewise, in-situ and laboratory testing complies with B.S.1377:1990 'Methods of Tests for Soils for Civil Engineering Purposes' and B.S.22475:2011, unless stated otherwise in the text. Chemical testing has been undertaken by a UKAS accredited laboratory.

Some items of the investigation have been provided by third parties and whilst Spectrum Geo Services Ltd (SGS) have no reason to doubt the accuracy, the items relied on have not been verified. No responsibility can be accepted for errors within third party items presented in this report.

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1.0 TERMS OF REFERENCE AND INTRODUCTION

The work covered by this document was undertaken on behalf of TRJ, in general accordance with and amendment to the following document:

- *BP Area 1 Remediation. Validation Report. 44382729/BRRP0004. URS 18 January 2010*

The work described in this report represents validation and verification of the required remediation, within that report, comprising soil chemistry limits set out within that report.

1.2 Scope of Works

The objectives of this assessment are:

- To verify the chemical nature of the soils at various plots, to ensure compliance with the validation suite set out by URS on Page 41 of their Remediation Report.
- This verification does not include gas membrane assessments.

1.3 Development Proposals

It is understood that the intention is to develop the site for the purposes of a residential use, with soft landscaped gardens.

1.4 Limitations

Subsoils are inherently variable and by their very nature are hidden from view such that no investigation can be exhaustive to the extent that all soil conditions are revealed. Conditions may therefore be present beneath the site that was not apparent from the data available for review.

Unless specifically noted to the contrary, it should be assumed that this report has not been submitted to any regulatory authorities for approval. Redevelopment sites in particular may have planning conditions attached in respect of contaminated land assessment. Where we are made aware of such conditions in advance of scoping the works, we can tailor the report to the regulatory authority requirements. Where we are not made aware of any such requirements there can be no certainty that

our investigation will meet any or all the regulatory authority requirements.

2.0 BACKGROUND INFORMATION

2.1 Verification Report Structure

This document has been set out as follows:

- A brief background of the site and nature of the remediation verification planned.
- A description of the activities undertaken.
- Concluding with an assessment of the compliance with the URS validation suites limits.
- Further Recommendations

2.2 Site Location

The site is located at Coed D’Arcy, the site of the former BP Llandarcy oil refinery.

At the time of the investigation, the site comprised an open area of partially developed residential units.

2.3 Previous Reports

SGS had previously investigated the site within:

- *BP Area 1 Remediation. Validation Report. 44382729/BRRP0004. URS 18 January 2010*

3.0 SOIL TESTING

3.1 Introduction

Testing of soils in accordance with the enclosed URS validation suite was undertaken at each plot, as required by TRJ, to determine the soil chemistry values. Testing was undertaken at a UKAS accredited laboratory. The results are appended to this report, together with an assessment of those values related to the URS validation suite.

Parameter	All remaining soils, excavated surplus soils and imported material ¹ (mg/kg) Residential	Excavated treated granular material (mg/kg)
Asbestos (sum of all types)	200	200
Arsenic ²	64	The quality of the material was not be affected by its treatment, other than as regards the asbestos content. Testing of this material for parameters other than asbestos had previously been undertaken.
Cadmium	3.6	
Chromium	130	
Mercury ²	1	
Nickel ²	50	
Selenium	3	
Lead ²	337	
Vanadium	416	
Copper ²	478	
Zinc ³	3280	
Benzene	0.12	
Ethylbenzene	37	
Toluene	36	
Xylene	32	
Benzo(a)pyrene ^{2,4}	0.9	
1,2-Dichloroethane	0.04	
Dichloromethane	5	
Tetrachloroethene	11	
Trichloroethene	1	
Vinyl Chloride	0.01	

Parameter	All remaining soils, excavated surplus soils and imported material ¹ (mg/kg) Residential	Excavated treated granular material (mg/kg)
1,2-Dichloroethene	4	
1,1,1-Trichloroethane	154	
TPH	1,717	

Table 3: URS Soil Validation Limits

Site testing was undertaken on 13 March 2026, and comprised hand dug trial pits to 600mm, or rockhead. All locations noted Made Ground, with no hydrocarbon odours.

4.0 CONCLUSIONS

All test results were in accordance with the limits set out by URS within Table 3, with the exception of asbestos fibres at Plots 37, 47 and 50.

In general, the plots have a clean cover system, over a no dig barrier to a total of 600mm.

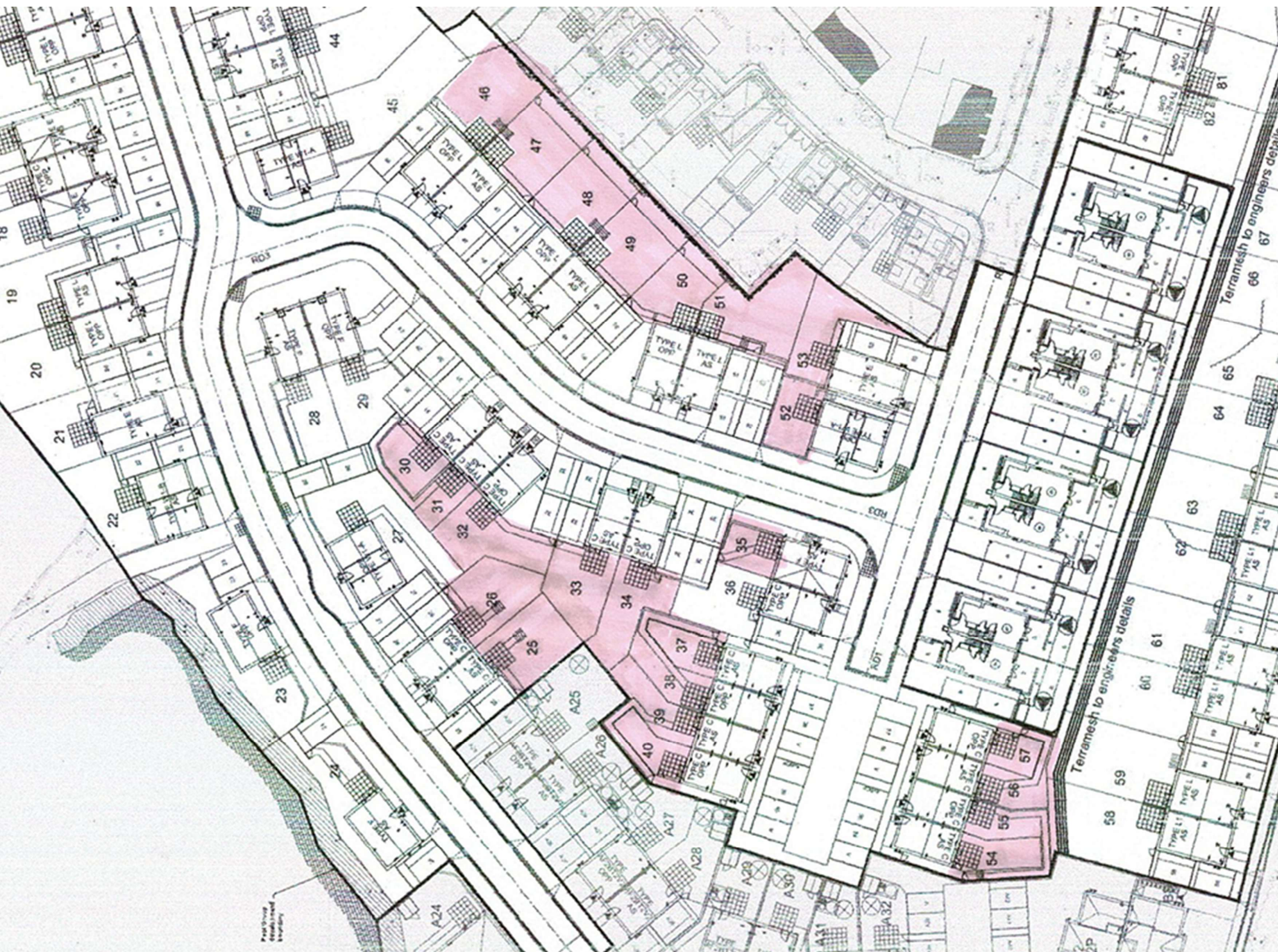
In advance of this, the three asbestos finds, will need hotspot removal, which will comprise removing a 2m square area at each, and testing the edges of each excavation to ensure the soils are compliant.

Asbestos removal will need to be undertaken in accordance with current guidelines.

APPENDIX A

Drawings

Site Boundary



APPENDIX B

Soil Validation

Soil Test Results

Comparison with URS Validation Limits

General Site Photographs

Client: Spectrum Geo Services
Client Project Name: Coed Darcy
Client Project Ref: 25061

Lab Sample ID	Units	Limit of Detection	Method	URS Agreed Limits	26/04004/1	26/04004/2	26/04004/3	26/04004/4	26/04004/5	26/04004/6	26/04004/7	26/04004/8	26/04004/9	26/04004/10	26/04004/11	26/04004/12	26/04004/13	26/04004/14	26/04004/15	26/04004/16	26/04004/17	26/04004/18	26/04004/19	26/04004/20	26/04004/21	26/04004/22	26/04004/23			
Client Sample No					25	26	30	30	31	31	32	32	33	33	34	34	35	35	36	36	37	37	38	38	39	39	40			
Client Sample ID					0.30	0.20	0.10	0.50	0.10	0.40	0.10	0.40	0.10	0.40	0.20	0.50	0.20	0.40	0.10	0.40	0.20	0.50	0.20	0.50	0.20	0.50	0.20	0.50	0.20	0.50
Depth to Top																														
Depth to Bottom																														
Date Sampled					24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26	24-Mar-26
Sample Type					Soil - ES	Soil - ES	Soil - ES	Solid	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES
Sample Matrix Code					4AE	4AE	4AE	7	4AE	5A	5AE	5A	4AE	6A	4AE	5A	4A	5A	4A	4ABE	4A	4ABE	4A	4A	4A	6A	4AE			
% Stones >10mm	% w/w	0.1	A-T-044		<0.1	<0.1	<0.1	<0.1	<0.1	14.4	7.9	8.6	<0.1	16.3	<0.1	7.5	<0.1	17.1	<0.1	34.1	<0.1	34.6	<0.1	12.3	<0.1	31.4	<0.1			
Arsenic	mg/kg	1	A-T-024s	64	3	3	5	6	3	6	4	5	3	6	2	6	3	4	3	5	3	4	5	9	3	5	3			
Cadmium	mg/kg	1	A-T-024s	3.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
Copper	mg/kg	1	A-T-024s	478	14	28	43	18	17	22	24	20	17	18	13	19	13	17	15	27	10	19	18	58	16	19	13			
Chromium	mg/kg	1	A-T-024s	130	11	15	19	13	17	12	13	12	11	10	10	13	10	11	11	11	8	9	12	20	11	10	11			
Lead	mg/kg	1	A-T-024s	337	19	22	24	19	28	30	23	21	19	18	17	15	18	19	22	12	20	23	52	20	23	17				
Mercury	mg/kg	0.17	A-T-024s	1	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17				
Nickel	mg/kg	1	A-T-024s	50	21	21	25	17	22	17	25	17	22	18	21	19	21	17	22	13	15	18	24	18	21	12	22			
Selenium	mg/kg	1	A-T-024s	3	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Vanadium	mg/kg	1	A-T-024s	416	8	8	9	9	9	12	10	12	8	11	7	14	8	11	8	11	5	7	9	12	8	11	8			
Zinc	mg/kg	1	A-T-024s	3280	75	98	146	81	84	102	87	67	73	68	66	62	69	65	72	80	48	78	81	176	79	78	85			
Benzo(a)pyrene	mg/kg	0.04	A-T-019s	0.90	<0.04	0.06	<0.04	0.4	<0.04	0.25	0.05	<0.04	<0.04	0.05	<0.04	<0.04	<0.04	0.05	<0.04	0.22	<0.04	0.1	<0.04	0.46	<0.04	0.16	<0.04			
Vinyl Chloride (Chloroethene)	µg/kg	1	A-T-006s	0.01	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
Dichloromethane	µg/kg	5	A-T-006s	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5			
cis 1,2-Dichloroethene	µg/kg	1	A-T-006s	0.04	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
1,1,1-Trichloroethane	µg/kg	1	A-T-006s	154	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
1,2-Dichloroethane	µg/kg	2	A-T-006s	4	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2			
Trichloroethene	µg/kg	1	A-T-006s	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
Tetrachloroethene	µg/kg	1	A-T-006s	11	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1			
Asbestos in Soil (inc. matrix) ^																														
Asbestos in soil			A-T-045		NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD			
Asbestos Matrix (visual)			A-T-045		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Chrysotile	-	-	-	-	-	-			
Asbestos Matrix (microscope)			A-T-045		-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Loose Fibres	-	-	-	-	-	-			
Asbestos ACM - Suitable for Water Absorption Test?			A-T-045		N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Asbestos in Soil Quantification % (Hand Picking & Weighing)																														
Asbestos in soil % composition (hand picking and weighing)	% w/w	0.001	A-T-054																											

Client: Spectrum Geo S
Client Project Name: Coed Darcy
Client Project Ref: 25061

Lab Sample ID		Units	Limit of Detection	26/04004/24	26/04004/25	26/04004/26	26/04004/27	26/04004/28	26/04004/29	26/04004/30	26/04004/31	26/04004/32	26/04004/33	26/04004/34	26/04004/35	26/04004/36	26/04004/37	26/04004/38	26/04004/39	26/04004/40	26/04004/41	26/04004/42	26/04004/43	26/04004/44	26/04004/45	26/04004/46	26/04004/47			
Client Sample No																														
Client Sample ID																														
Depth to Top																														
Depth to Bottom																														
Date Sampled																														
Sample Type																														
Sample Matrix Code																														
% Stones >10mm	% w/w	0.1	5.9	<0.1	12.5	<0.1	13.1	32	<0.1	<0.1	28.9	<0.1	31.6	<0.1	11	<0.1	14.4	<0.1	4.1	<0.1	12.7	<0.1	29.3	<0.1	26.5	<0.1				
Arsenic	mg/kg	1	5	3	7	2	10	3	7	8	7	2	6	5	8	4	8	5	8	4	10	4	6	4	7	3				
Cadmium	mg/kg	1	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<2.0	<2.0	<1.0	<2.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0				
Copper	mg/kg	1	16	16	18	11	47	18	27	22	23	13	16	22	26	14	27	19	26	15	27	16	21	15	18	16				
Chromium	mg/kg	1	12	11	13	7	17	10	17	13	13	8	12	13	20	11	32	11	13	11	31	11	11	11	10	10				
Lead	mg/kg	1	14	20	29	11	33	24	36	26	28	15	25	25	35	17	41	26	27	19	44	19	69	20	34	18				
Mercury	mg/kg	0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.34	<0.17	<0.34	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17				
Nickel	mg/kg	1	21	24	18	13	16	16	20	23	16	15	15	24	20	24	16	27	21	24	18	22	13	23	13	23				
Selenium	mg/kg	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<2	<1	<2	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Vanadium	mg/kg	1	14	9	15	5	16	7	18	10	14	6	14	10	18	8	21	9	13	8	14	8	10	8	10	8				
Zinc	mg/kg	1	64	78	95	46	135	71	142	91	82	52	72	86	105	71	121	86	88	75	118	74	112	74	143	75				
Benzo(a)pyrene	mg/kg	0.04	<0.04	<0.04	<0.04	<0.04	0.26	<0.04	0.14	<0.04	0.13	<0.04	0.06	<0.04	0.07	<0.04	0.46	<0.04	0.07	<0.04	1.87	<0.04	0.2	<0.04	0.26	<0.04				
Vinyl Chloride (Chloroethene)	µg/kg	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Dichloromethane	µg/kg	5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5	<5				
cis 1,2-Dichloroethene	µg/kg	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,1,1-Trichloroethane	µg/kg	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
1,2-Dichloroethane	µg/kg	2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2	<2				
Trichloroethene	µg/kg	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Tetrachloroethene	µg/kg	1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1	<1				
Asbestos in Soil (inc. matrix) ^																														
Asbestos in soil				NAD	NAD	NAD	Chrysotile	NAD	NAD	NAD	NAD	NAD	Chrysotile	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD	NAD			
Asbestos Matrix (visual)				-	-	-	Loose Fibres	-	-	-	-	-	Loose Fibres	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Asbestos Matrix (microscope)				-	-	-		-	-	-	-	-		-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Asbestos ACM - Suitable for Water Absorption Test?				N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A			
Asbestos in Soil Quantification % (Hand Picking & Weighing)																														
Asbestos in soil % composition (hand picking and weighing)	% w/w	0.001					<0.001																							
TPH CWG with Clean Up																														
Ali >C5-C6	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01			
Ali >C6-C8	mg/kg	0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01									

Client: Spectrum Geo S
Client Project Name: Coed Darcy
Client Project Ref: 25061

Lab Sample ID	Units	Limit of Detection	26/04004/48
Client Sample No			
Client Sample ID			57
Depth to Top			0.40
Depth to Bottom			
Date Sampled			24-Mar-26
Sample Type			Soil - ES
Sample Matrix Code			5AE
% Stones >10mm	% w/w	0.1	17.9
Arsenic	mg/kg	1	9
Cadmium	mg/kg	1	<1.0
Copper	mg/kg	1	50
Chromium	mg/kg	1	13
Lead	mg/kg	1	420
Mercury	mg/kg	0.17	<0.17
Nickel	mg/kg	1	16
Selenium	mg/kg	1	<1
Vanadium	mg/kg	1	11
Zinc	mg/kg	1	186
Benzo(a)pyrene	mg/kg	0.04	0.27
Vinyl Chloride (Chloroethene)	µg/kg	1	<1
Dichloromethane	µg/kg	5	<5
cis 1,2-Dichloroethene	µg/kg	1	<1
1,1,1-Trichloroethane	µg/kg	1	<1
1,2-Dichloroethane	µg/kg	2	<2
Trichloroethene	µg/kg	1	<1
Tetrachloroethene	µg/kg	1	<1

Asbestos in Soil (inc. matrix) ^			
Asbestos in soil			NAD
Asbestos Matrix (visual)			-
Asbestos Matrix (microscope)			-
Asbestos ACM - Suitable for Water Absorption Test?			N/A
Asbestos In Soil Quantification % (Hand Picking & Weighing)			
Asbestos in soil % composition (hand picking and weighing)	% w/w	0.001	

TPH CWG with Clean Up			
Ali >C5-C6	mg/kg	0.01	<0.01
Ali >C6-C8	mg/kg	0.01	<0.01
Ali >C8-C10	mg/kg	1	<1
Ali >C10-C12	mg/kg	1	<1
Ali >C12-C16	mg/kg	1	<1
Ali >C16-C21	mg/kg	1	<1
Ali >C21-C35	mg/kg	1	17
Total Aliphatics	mg/kg	1	18
Aro >C5-C7	mg/kg	0.01	<0.01
Aro >C7-C8	mg/kg	0.01	<0.01
Aro >C8-C10	mg/kg	1	<1
Aro >C10-C12	mg/kg	1	<1
Aro >C12-C16	mg/kg	1	<1
Aro >C16-C21	mg/kg	1	3
Aro >C21-C35	mg/kg	1	10
Total Aromatics	mg/kg	1	13
TPH (Ali & Aro >C5-C35)	mg/kg	1	30
BTEX - Benzene	mg/kg	0.01	<0.01
BTEX - Toluene	mg/kg	0.01	<0.01
BTEX - Ethyl Benzene	mg/kg	0.01	<0.01
BTEX - m & p Xylene	mg/kg	0.01	<0.01
BTEX - o Xylene	mg/kg	0.01	<0.01
MTBE	mg/kg	0.01	<0.01

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 25
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

[illegible][illegible]

Groundwater Observations None observed		Strike of Face A		deg	
		Length of Face A	0.4	m	
		Width of Face B	0.4	m	
Method/plant Hand tools		Remarks No dig layer at 0.40m.			
Stability Stable					
Shoring None					
Weather Dry					
Sample Type: U Undisturbed, P Piston, D Disturbed, B Bulk, W Water ES Environmental Soil Sample EW Environmental Water Sample					
		Logger's Signature PL			

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

The sketch area is a large rectangle divided into four vertical columns. The first and fourth columns (left and right) have vertical scale markings on their outer edges, consisting of short horizontal lines at regular intervals. The second and third columns are empty space for sketching.

Groundwater Observations		Strike of Face A		deg		
None observed		Length of Face A		0.4 m		
		Width of Face B		0.4 m		
		Remarks				
Method/plant Hand tools		No dig layer at 0.40m.				
Stability Stable						
Shoring None						
Weather Dry						
Sample Type:						
U Undisturbed, P Piston, D Disturbed, B Bulk, W Water		Logger's Signature				
ES Environmental Soil Sample		PL				
EW Environmental Water Sample						

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 30
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

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[illegible]

Groundwater Observations Inflow at base		Strike of Face A		deg	
		Length of Face A	0.4	m	
		Width of Face B	0.4	m	
Method/plant Hand tools		Remarks No dig layer at 0.60m.			
Stability Stable					
Shoring None					
Weather Dry					
Sample Type: U Undisturbed, P Piston, D Disturbed, B Bulk, W Water ES Environmental Soil Sample EW Environmental Water Sample		Logger's Signature PL			

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 31
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

[illegible][illegible]

Groundwater Observations Inflow at base		Strike of Face A		deg	
		Length of Face A	0.4	m	
		Width of Face B	0.4	m	
Method/plant Hand tools		Remarks No dig layer at 0.60m.			
Stability Stable					
Shoring None					
Weather Dry					
Sample Type: U Undisturbed, P Piston, D Disturbed, B Bulk, W Water ES Environmental Soil Sample EW Environmental Water Sample					
		Logger's Signature PL			

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 32
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

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[illegible]

Groundwater Observations None observed		Strike of Face A		deg	
		Length of Face A	0.4	m	
		Width of Face B	0.4	m	
Method/plant Hand tools		Remarks No dig layer at 0.60m.			
Stability Stable					
Shoring None					
Weather Dry					
Sample Type: U Undisturbed, P Piston, D Disturbed, B Bulk, W Water ES Environmental Soil Sample EW Environmental Water Sample		Logger's Signature PL			

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 33
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

[illegible][illegible]

Groundwater Observations None observed		Strike of Face A		deg	
		Length of Face A	0.4	m	
		Width of Face B	0.4	m	
Method/plant Hand tools		Remarks No dig layer at 0.60m.			
Stability Stable					
Shoring None					
Weather Dry					
Sample Type: U Undisturbed, P Piston, D Disturbed, B Bulk, W Water ES Environmental Soil Sample EW Environmental Water Sample					
		Logger's Signature PL			

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 34
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

[illegible][illegible]

Groundwater Observations None observed		Strike of Face A		deg	
		Length of Face A	0.4	m	
		Width of Face B	0.4	m	
Method/plant Hand tools		Remarks No dig layer at 0.60m.			
Stability Stable					
Shoring None					
Weather Dry					
Sample Type: U Undisturbed, P Piston, D Disturbed, B Bulk, W Water ES Environmental Soil Sample EW Environmental Water Sample		Logger's Signature PL			

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 35
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

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[illegible]

Groundwater Observations None observed		Strike of Face A		deg	
		Length of Face A	0.4	m	
		Width of Face B	0.4	m	
Method/plant Hand tools		Remarks No dig layer at 0.55m.			
Stability Stable					
Shoring None					
Weather Dry					
Sample Type: U Undisturbed, P Piston, D Disturbed, B Bulk, W Water ES Environmental Soil Sample EW Environmental Water Sample					
		Logger's Signature PL			

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 36
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

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[illegible]

Groundwater Observations		Strike of Face A		deg		
None observed		Length of Face A		0.4	m	
		Width of Face B		0.4	m	
		Remarks				
Method/plant Hand tools		No dig layer at 0.55m				
Stability Stable						
Shoring None						
Weather Dry						
Sample Type:						
U Undisturbed, P Piston, D Disturbed, B Bulk, W Water		Logger's Signature				
ES Environmental Soil Sample		PL				
EW Environmental Water Sample						

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 37
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

[illegible][illegible]

Groundwater Observations None observed		Strike of Face A		deg	
		Length of Face A	0.4	m	
		Width of Face B	0.4	m	
Method/plant Hand tools		Remarks No dig layer at 0.55m.			
Stability Stable					
Shoring None					
Weather Dry					
Sample Type: U Undisturbed, P Piston, D Disturbed, B Bulk, W Water ES Environmental Soil Sample EW Environmental Water Sample					
		Logger's Signature PL			

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 38
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

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[illegible]

Groundwater Observations None observed		Strike of Face A		deg	
		Length of Face A	0.4	m	
		Width of Face B	0.4	m	
		Remarks			
Method/plant Hand tools		No dig layer at 0.60m.			
Stability Stable					
Shoring None					
Weather Dry					
Sample Type: U Undisturbed, P Piston, D Disturbed, B Bulk, W Water ES Environmental Soil Sample EW Environmental Water Sample		Logger's Signature PL			

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 39
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

[illegible][illegible]

Groundwater Observations		Strike of Face A		deg		
None observed		Length of Face A		0.4 m		
		Width of Face B		0.4 m		
		Remarks				
Method/plant Hand tools		No dig layer at 0.60m.				
Stability Stable						
Shoring None						
Weather Dry						
Sample Type:						
U Undisturbed, P Piston, D Disturbed, B Bulk, W Water		Logger's Signature				
ES Environmental Soil Sample		PL				
EW Environmental Water Sample						

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 40
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

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[illegible]

Groundwater Observations		Strike of Face A		deg		
None observed		Length of Face A		0.4 m		
		Width of Face B		0.4 m		
		Remarks				
Method/plant Hand tools		No dig layer at 0.60m.				
Stability Stable						
Shoring None						
Weather Dry						
Sample Type:						
U Undisturbed, P Piston, D Disturbed, B Bulk, W Water		Logger's Signature				
ES Environmental Soil Sample		PL				
EW Environmental Water Sample						

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 46
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

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[illegible]

Groundwater Observations None observed		Strike of Face A		deg	
		Length of Face A	0.4	m	
		Width of Face B	0.4	m	
		Remarks			
Method/plant Hand tools		No dig layer at 0.60m.			
Stability Stable					
Shoring None					
Weather Dry					
Sample Type: U Undisturbed, P Piston, D Disturbed, B Bulk, W Water ES Environmental Soil Sample EW Environmental Water Sample		Logger's Signature PL			

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 47
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

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[illegible]

Groundwater Observations		Strike of Face A		deg		
None observed		Length of Face A		0.4 m		
		Width of Face B		0.4 m		
		Remarks				
Method/plant Hand tools		No dig layer at 0.60m.				
Stability Stable						
Shoring None						
Weather Dry						
Sample Type:						
U Undisturbed, P Piston, D Disturbed, B Bulk, W Water		Logger's Signature				
ES Environmental Soil Sample		PL				
EW Environmental Water Sample						

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 48
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

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[illegible]

Groundwater Observations		Strike of Face A		deg		
None observed		Length of Face A		0.4 m		
		Width of Face B		0.4 m		
		Remarks				
Method/plant Hand tools		No dig layer at 0.60m.				
Stability Stable						
Shoring None						
Weather Dry						
Sample Type:						
U Undisturbed, P Piston, D Disturbed, B Bulk, W Water		Logger's Signature				
ES Environmental Soil Sample		PL				
EW Environmental Water Sample						

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 49
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

[illegible][illegible]

Groundwater Observations		Strike of Face A		deg		
None observed		Length of Face A		0.4 m		
		Width of Face B		0.4 m		
		Remarks				
Method/plant Hand tools		No dig layer at 0.60m.				
Stability Stable						
Shoring None						
Weather Dry						
Sample Type:						
U Undisturbed, P Piston, D Disturbed, B Bulk, W Water		Logger's Signature				
ES Environmental Soil Sample		PL				
EW Environmental Water Sample						

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 50
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

[illegible][illegible]

Groundwater Observations		Strike of Face A		deg		
None observed		Length of Face A		0.4 m		
		Width of Face B		0.4 m		
		Remarks				
Method/plant Hand tools		No dig layer at 0.55m.				
Stability Stable						
Shoring None						
Weather Dry						
Sample Type:						
U Undisturbed, P Piston, D Disturbed, B Bulk, W Water		Logger's Signature				
ES Environmental Soil Sample		PL				
EW Environmental Water Sample						

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 51
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

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[illegible]

Groundwater Observations None observed		Strike of Face A		deg	
		Length of Face A	0.4	m	
		Width of Face B	0.4	m	
Method/plant Hand tools		Remarks No dig layer at 0.60m.			
Stability Stable					
Shoring None					
Weather Dry					
Sample Type: U Undisturbed, P Piston, D Disturbed, B Bulk, W Water ES Environmental Soil Sample EW Environmental Water Sample		Logger's Signature PL			

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 52
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

[illegible][illegible]

Groundwater Observations		Strike of Face A		deg		
None observed		Length of Face A		0.4	m	
		Width of Face B		0.4	m	
		Remarks				
Method/plant Hand tools		No dig barrier at 0.60m.				
Stability Stable						
Shoring None						
Weather Dry						
Sample Type:						
U Undisturbed, P Piston, D Disturbed, B Bulk, W Water		Logger's Signature				
ES Environmental Soil Sample		PL				
EW Environmental Water Sample						

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 53
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

[illegible][illegible]

Groundwater Observations		Strike of Face A		deg		
None observed		Length of Face A		0.4	m	
		Width of Face B		0.4	m	
		Remarks				
Method/plant Hand tools		No dig barrier at 0.60m.				
Stability Stable						
Shoring None						
Weather Dry						
Sample Type:						
U Undisturbed, P Piston, D Disturbed, B Bulk, W Water		Logger's Signature				
ES Environmental Soil Sample		PL				
EW Environmental Water Sample						

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 54
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

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[illegible]

Groundwater Observations		Strike of Face A			deg	
None observed		Length of Face A		0.4	m	
		Width of Face B		0.4	m	
		Remarks				
Method/plant Hand tools		No dig barrier at 0.60m.				
Stability Stable						
Shoring None						
Weather Dry						
Sample Type:						
U Undisturbed, P Piston, D Disturbed, B Bulk, W Water		Logger's Signature				
ES Environmental Soil Sample		PL				
EW Environmental Water Sample						

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 55
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

[illegible][illegible]

Groundwater Observations		Strike of Face A			deg	
None observed		Length of Face A		0.4	m	
		Width of Face B		0.4	m	
		Remarks				
Method/plant Hand tools		No dig barrier at 0.60m.				
Stability Stable						
Shoring None						
Weather Dry						
Sample Type:						
U Undisturbed, P Piston, D Disturbed, B Bulk, W Water		Logger's Signature				
ES Environmental Soil Sample		PL				
EW Environmental Water Sample						

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 56
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

[illegible][illegible]

Groundwater Observations		Strike of Face A		deg		
None observed		Length of Face A		0.4 m		
		Width of Face B		0.4 m		
		Remarks				
Method/plant Hand tools		No dig barrier at 0.60m.				
Stability Stable						
Shoring None						
Weather Dry						
Sample Type:						
U Undisturbed, P Piston, D Disturbed, B Bulk, W Water		Logger's Signature				
ES Environmental Soil Sample		PL				
EW Environmental Water Sample						

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 57
Date	13.03.2026	Sheet No	1 of 1

Face Sketch (Indicate stratum boundaries, codes and Face(s) sketched, use additional sheets as required)

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[illegible]

Groundwater Observations		Strike of Face A			deg	
None observed		Length of Face A		0.4	m	
		Width of Face B		0.4	m	
		Remarks				
Method/plant Hand tools		No dig barrier at 0.60m.				
Stability Stable						
Shoring None						
Weather Dry						
Sample Type:						
U Undisturbed, P Piston, D Disturbed, B Bulk, W Water		Logger's Signature				
ES Environmental Soil Sample		PL				
EW Environmental Water Sample						