

Report No	Date
25061/R4	July 2026
Project	COED D'ARCY 4 – SOIL VERIFICATION REPORT
Client	TRJ

Spectrum Geo Services
Foxglove Cottage,
Cwm Risca Lane,
Tondu,
BRIDGEND
CF32 0EH

Report No:	Date:
25061/R4	July 2026

Project:
COED D'ARCY 4 – SOIL VERIFICATION REPORT

Issue Number	Status	Description of Amendments
1	Draft	

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

This report is provided for the benefit only of the party to whom it is addressed. Spectrum Geo Services do not extend responsibility to any third party for the whole or any part of the contents. Spectrum Geo Services owes no duty of care in relation to this report to any third party. The investigation and reportage has been undertaken with all reasonable skill, care and due diligence. Spectrum Geo Services disclaims any responsibility to the client or others in respect of any matter(s) outside this agreed scope of the above works.

CONTENTS

FOREWORD.....	2
1.0 TERMS OF REFERENCE AND INTRODUCTION.....	3
1.2 Scope of Works.....	3
1.3 Development Proposals.....	3
1.4 Limitations.....	3
2.0 BACKGROUND INFORMATION	4
2.1 Verification Report Structure.....	4
2.2 Site Location	4
2.3 Previous Reports	4
3.0 SOIL TESTING.....	5
3.1 Introduction	5
4.0 CONCLUSIONS.....	6
APPENDIX A	7
Drawings.....	7
APPENDIX B	8

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.

This report is produced in accordance with the scope of SGS's appointment and is subject to the terms of appointment. SGS accepts no liability for any use of this document other than by its client and only for the purposes, for which it was designed and produced. No responsibility can be accepted for any consequences of this information being passed to a third party who may act upon its contents/recommendations.

Any advice, opinions, or recommendations within this document should be read and relied upon only in the context of the document as a whole. The contents of this document are not to be construed as providing legal, business or tax advice or opinion.

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 18 June 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.

In general, the plots have a clean cover system, over a no dig barrier to a total of 600mm once the topsoil is applied, and are thus compliant.

APPENDIX A

Drawings

Site Boundary



This line should measure 70mm when printed correctly				
This drawing is the copyright of Roberts Limbrick Ltd and should not be reproduced in whole or in part or used in any manner whatsoever without their written permission.				
Responsibility is not accepted for errors made by others in scaling from this drawing. Use only figured dimensions and report any discrepancies or omissions to the Architect immediately.				
Rev	Date	By	Chk	Description
C01	15.04.2024	AP	AJP	First Issue
C02	20.02.2025	AP	AJP	Key ledged added, PV and ASHP added to all plots, Sheets and bin stores added in line with Pobl spec.

Key Ledges

- Electric Meter Box
- EV Charging
- BT
- SVP
- RWP
- ASHP
- PV Panel
- Tool/Bike Store
- Bin Store
- Rotary Clothes Line
- BATTERY

rl.
Roberts Limbrick
03333 405 500
mail@robertslimbrick.com
robertslimbrick.com
Registered Office: England No. 08558029

Project Name
Residential Development
Coed Darcy Phase 2 (Pobl)

Client Name
TRJ

Drawing Title
Site Plan

Scale
1/100 @ A1

Project No.
9856

Status
C1

Purpose Of Issue
Issued for Construction

Project	Orig	Vol	Level	Form	Role
11341	RL	ZZ	00	DR	A

Number
0920

Revision
C02

APPENDIX B

Soil Validation

Pit Logs

Soil Test Results

Comparison with URS Validation Limits

Plates

Project	Coed Darcy	Project No	25061
Described by	PL	Trial Pit No	Plot 37
Date	18.06.2026	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	
Remarks				
Method/plant	Hand tools			
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	18.06.2026	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	
Remarks				
Method/plant	Hand tools			
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 50
Date	18.06.2026	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	
Remarks				
Method/plant	Hand tools			
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

18/6/26

PROJECT
PROJECT NO
TP
DEPTH (M)
FACE

COED DARCY

25061

PLOT 37

GL  0.60



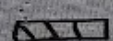
18/6/26

PROJECT
PROJECT NO
TP
DEPTH (M)
FACE

COEO DARCY

25061

PLOT 47

GL  0.50





FINAL ANALYTICAL TEST REPORT

Envirolab Job Number: 26/07847
Issue Number: 1

Date: 07 July, 2026

Client: Spectrum Geo Services
Foxglove Cottage
Cwm Risca Lane
Tondu
Wales
CF32 0EH

Project Manager: Rob Griffiths
Project Name: Coed Darcy
Project Ref: 25061
Order No: 25061/04
Date Samples Received: 24/06/26
Date Instructions Received: 24/06/26
Date Analysis Completed: 07/07/26

Approved by:



Kelsey Heaton
Client Manager

Envirolab Job Number: 26/07847

Client Project Name: Coed Darcy

Client Project Ref: 25061

Lab Sample ID	26/07847/1	26/07847/2	26/07847/3	26/07847/4	26/07847/5	26/07847/6		Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	37	37	47	47	50	50				
Depth to Top	0.00	0.30	0.00	0.25	0.00	0.30				
Depth To Bottom	0.30	0.60	0.25	0.50	0.30	0.55				
Date Sampled	22-Jun-26	22-Jun-26	22-Jun-26	22-Jun-26	22-Jun-26	22-Jun-26				
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES				
Sample Matrix Code	4A	6A	4A	6A	4AE	6A				
% Stones >10mm _A	<0.1	<0.1	6.2	18.6	<0.1	23.6		% w/w	0.1	A-T-044
Arsenic _D ^{M#}	4	8	5	8	5	7		mg/kg	1	A-T-024s
Cadmium _D ^{M#}	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		mg/kg	1	A-T-024s
Copper _D ^{M#}	24	29	21	24	21	27		mg/kg	1	A-T-024s
Chromium _D ^{M#}	18	31	17	13	17	13		mg/kg	1	A-T-024s
Lead _D ^{M#}	21	35	24	23	26	39		mg/kg	1	A-T-024s
Mercury _D	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17		mg/kg	0.17	A-T-024s
Nickel _D ^{M#}	32	29	29	23	29	23		mg/kg	1	A-T-024s
Selenium _D ^{M#}	<1	<1	<1	<1	<1	<1		mg/kg	1	A-T-024s
Vanadium _D ^{M#}	13	27	10	13	11	12		mg/kg	1	A-T-024s
Zinc _D ^{M#}	84	106	124	86	89	111		mg/kg	1	A-T-024s
Benzo(a)pyrene _A ^{M#}	<0.04	0.07	0.04	0.06	<0.04	0.20		mg/kg	0.04	A-T-019s
Vinyl Chloride (Chloroethene) _A [#]	<1	<1	<1	<1	<1	<1		µg/kg	1	A-T-006s
Dichloromethane _A	<5	<5	<5	<5	<5	<5		µg/kg	5	A-T-006s
cis 1,2-Dichloroethene _A [#]	<1	<1	<1	<1	<1	<1		µg/kg	1	A-T-006s
1,1,1-Trichloroethane _A [#]	<1	<1	<1	<1	<1	<1		µg/kg	1	A-T-006s
1,2-Dichloroethane _A [#]	<2	<2	<2	<2	<2	<2		µg/kg	2	A-T-006s
Trichloroethene _A [#]	<1	<1	<1	<1	<1	<1		µg/kg	1	A-T-006s
Tetrachloroethene _A [#]	<1	<1	<1	<1	<1	<1		µg/kg	1	A-T-006s

Envirolab Job Number: 26/07847

Client Project Name: Coed Darcy

Client Project Ref: 25061

Lab Sample ID	26/07847/1	26/07847/2	26/07847/3	26/07847/4	26/07847/5	26/07847/6		Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	37	37	47	47	50	50				
Depth to Top	0.00	0.30	0.00	0.25	0.00	0.30				
Depth To Bottom	0.30	0.60	0.25	0.50	0.30	0.55				
Date Sampled	22-Jun-26	22-Jun-26	22-Jun-26	22-Jun-26	22-Jun-26	22-Jun-26				
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES				
Sample Matrix Code	4A	6A	4A	6A	4AE	6A				
Asbestos in Soil (inc. matrix) ^										
Asbestos in soil [#]	NAD	NAD	NAD	NAD	NAD	NAD				A-T-045
Asbestos Matrix (visual) _D	-	-	-	-	-	-				A-T-045
Asbestos Matrix (microscope) _D	-	-	-	-	-	-				A-T-045
Asbestos ACM - Suitable for Water Absorption Test? _D	N/A	N/A	N/A	N/A	N/A	N/A				A-T-045

Envirolab Job Number: 26/07847

Client Project Name: Coed Darcy

Client Project Ref: 25061

Lab Sample ID	26/07847/1	26/07847/2	26/07847/3	26/07847/4	26/07847/5	26/07847/6		Units	Limit of Detection	Method ref
Client Sample No										
Client Sample ID	37	37	47	47	50	50				
Depth to Top	0.00	0.30	0.00	0.25	0.00	0.30				
Depth To Bottom	0.30	0.60	0.25	0.50	0.30	0.55				
Date Sampled	22-Jun-26	22-Jun-26	22-Jun-26	22-Jun-26	22-Jun-26	22-Jun-26				
Sample Type	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES	SOIL - ES				
Sample Matrix Code	4A	6A	4A	6A	4AE	6A				
TPH CWG with Clean Up										
Ali >C5-C6 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-022s
Ali >C6-C8 _A	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-022s
Ali >C8-C10 _A	<1	<1	<1	<1	<1	<1		mg/kg	1	A-T-055s
Ali >C10-C12 _A ^{M#}	<1	<1	<1	<1	<1	<1		mg/kg	1	A-T-055s
Ali >C12-C16 _A ^{M#}	<1	<1	<1	<1	<1	<1		mg/kg	1	A-T-055s
Ali >C16-C21 _A ^{M#}	1	<1	1	<1	2	3		mg/kg	1	A-T-055s
Ali >C21-C35 _A ^{M#}	24	13	37	8	23	80		mg/kg	1	A-T-055s
Total Aliphatics _A	26	13	38	8	26	83		mg/kg	1	Calc-As Recd
Aro >C5-C7 _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-022s
Aro >C7-C8 _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-022s
Aro >C8-C10 _A	<1	<1	<1	<1	<1	<1		mg/kg	1	A-T-055s
Aro >C10-C12 _A	<1	<1	<1	<1	<1	<1		mg/kg	1	A-T-055s
Aro >C12-C16 _A	2	1	2	<1	2	15		mg/kg	1	A-T-055s
Aro >C16-C21 _A ^{M#}	10	2	6	2	6	54		mg/kg	1	A-T-055s
Aro >C21-C35 _A ^{M#}	17	7	21	5	11	175		mg/kg	1	A-T-055s
Total Aromatics _A	29	10	29	8	20	245		mg/kg	1	Calc-As Recd
TPH (Ali & Aro >C5-C35) _A	55	23	67	16	45	328		mg/kg	1	Calc-As Recd
BTEX - Benzene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-022s
BTEX - Toluene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-022s
BTEX - Ethyl Benzene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-022s
BTEX - m & p Xylene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-022s
BTEX - o Xylene _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-022s
MTBE _A [#]	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01		mg/kg	0.01	A-T-022s

Report Notes

General

- This report shall not be reproduced, except in full, without written approval from Envirolab.
- The client Sample No, Client Sample ID, Depth to top, Depth to Bottom and Date Sampled are all provided by the client and can affect the validity of results.
- The results reported herein relate only to the material supplied to the laboratory.
- The residue of any samples contained within this report, and any received within the same delivery, will be disposed of **four weeks** after the initial scheduling. For samples tested for Asbestos we will retain a portion of the dried sample for a minimum of **six months** after the initial Asbestos testing is completed.
- Analytical results reflect the quality of the sample at the time of analysis only.
- Opinions and Interpretations expressed are outside our scope of accreditation.
- A deviating sample report is appended and will indicate if samples or tests have been found to be deviating. Any test results affected may not be an accurate record of the concentration at the time of sampling and, as a result, may be invalid.
- If a sample is outside of the calibration range or affected by interferences then it may need diluting. This will result in the limit of detection (LOD) being raised.
- Subcontracted Analysis: Please see the appended report for any deviations, current LODs and accreditation status of the test.

Key

Superscript “#”	Accredited to ISO 17025
Superscript “M”	Accredited to MCertS
Superscript “U”	Individual result not accredited
None of the above symbols	Analysis unaccredited
Subscript “A”	Analysis performed on as-received Sample
Subscript “D”	Analysis performed on the dried sample, crushed to pass 2mm sieve.
Subscript “D” on Asbestos	Analysis performed on a dried aliquot of sample provided.
Subscript “A”	Analysis has dependant options against results. Details appear in the comments of your Sample receipt
Subscript “@”	Result is an opinion
IS	Insufficient Sample for analysis
US	Unsuitable Sample for analysis
NDP	No Determination Possible
NAD	No Asbestos Detected
Trace	Asbestos found not suitable for Gravimetric Quantification – not enough to accurately weigh.
N/A	Not applicable

Asbestos

Identification: Asbestos in soil analysis is performed on a dried aliquot of the submitted sample and cannot guarantee to identify asbestos if only present in small numbers as discrete fibres/fragments in the original sample.
 Stones etc. are not removed from the sample prior to analysis
 “Trace Asbestos Identified” will be reported if there is not enough present to verify the type.

Assigned Matrix Codes

1	SAND	6	CLAY/LOAM	A	Contains Stones
2	LOAM	7	OTHER	B	Contains Construction Rubble
3	CLAY	8	Asbestos Bulk (Only Asbestos ID accredited)	C	Contains visible hydrocarbons
4	LOAM/SAND	9	Incinerator Ash (some Metals accredited)	D	Contains glass / metal
5	SAND/CLAY			E	Contains roots / twigs

Note: 7,8,9 matrices are not covered by our ISO 17025 or MCertS accreditation, unless stated above.

Soil Chemical Analysis:

All results are reported as dry weight (<40°C).

For samples with Matrix Codes 1 - 6 natural stones, brick and concrete fragments >10mm and any extraneous material (visible glass, metal or twigs) are removed and excluded from the sample prior to analysis and reported results corrected to a whole sample basis. This is reported as '% stones >10mm'.

For samples with Matrix Code 7 the whole sample is dried and crushed prior to analysis and this supersedes any “A” subscripts

All analysis is performed on the sample as received for soil samples which are positive for asbestos or the client has informed asbestos may be present and/or if they are from outside the European Union and this supersedes any “D” subscripts.

TPH by method A-T-007:

For waters, free and visible oils are excluded from the sample used for analysis, so the reported result represents the dissolved phase only.
 Results “with Clean up” indicates samples cleaned up with Silica during extraction.

EPH CWG (method A-T-055) from TPH CWG:

EPH CWG results have humics mathematically subtracted through instrument calculation.

Where these humic substances have been identified in any IDs from “TPH CWG with clean up” please note that the concentration is **NOT** included in the quantified results but present in the ID for information.

Electrical Conductivity of water by method A-T-037:

Results greater than 12900µS/cm @ 25°C / 11550µS/cm @ 20°C fall outside the calibration range and as such are unaccredited.

Please contact your client manager if you require any further information.

Envirolab Deviating Samples Report

Hattersley Science & Technology Park, Stockport Road, Hattersley, SK14 3QU
Tel. 0161 368 4921 email. ask@envlab.co.uk

Client: Spectrum Geo Services, Foxglove Cottage, Cwm Risca Lane, Tondu, Wales,
CF32 0EH

Project: Coed Darcy
Clients Project No: 25061

Project No: 26/07847
Date Received: 24/06/2026 (am)
Cool Box Temperatures (°C): 25.3

NO DEVIATIONS IDENTIFIED

If, at any point before reaching the laboratory, the temperature of the samples has breached those set in published standards, e.g. BS-EN 5667-3, ISO 18400-102:2017, then the concentration of any affected analytes may differ from that at the time of sampling.

Envirolab Analysis Dates

Lab Sample ID	26/07847/1	26/07847/2	26/07847/3	26/07847/4	26/07847/5	26/07847/6
Client Sample No						
Client Sample ID/Depth	37 0.00-0.30m	37 0.30-0.60m	47 0.00-0.25m	47 0.25-0.50m	50 0.00-0.30m	50 0.30-0.55m
Date Sampled	22/06/26	22/06/26	22/06/26	22/06/26	22/06/26	22/06/26
A-T-006s	01/07/2026	01/07/2026	01/07/2026	01/07/2026	01/07/2026	01/07/2026
A-T-019s	29/06/2026	29/06/2026	29/06/2026	29/06/2026	29/06/2026	29/06/2026
A-T-022s	01/07/2026	01/07/2026	01/07/2026	01/07/2026	01/07/2026	01/07/2026
A-T-024s	07/07/2026	07/07/2026	07/07/2026	07/07/2026	07/07/2026	07/07/2026
A-T-044	26/06/2026	26/06/2026	26/06/2026	26/06/2026	26/06/2026	26/06/2026
A-T-045	26/06/2026	26/06/2026	26/06/2026	26/06/2026	26/06/2026	26/06/2026
A-T-055s	06/07/2026	06/07/2026	06/07/2026	06/07/2026	06/07/2026	06/07/2026
Calc-As Recd	06/07/2026	06/07/2026	06/07/2026	06/07/2026	06/07/2026	06/07/2026

The above dates are the analysis completion dates, please note that these are not necessarily the date that the analysis was weighed/extracted.

End of Report

Client: Spectrum Geo Services
Client Project Name: Coed Darcy
Client Project Ref: 25061-4

Lab Sample ID	Units	Limit of Detection	Method	URS Agreed Limits	26/07847/1	26/07847/2	26/07847/3	26/07847/4	26/07847/5	26/07847/6
Client Sample No										
Client Sample ID					37	37	47	47	50	50
Depth to Top					0.00	0.30	0.00	0.25	0.00	0.30
Depth to Bottom					0.30	0.60	0.25	0.50	0.30	0.55
Date Sampled					22-Jun-26	22-Jun-26	22-Jun-26	22-Jun-26	22-Jun-26	22-Jun-26
Sample Type					Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES	Soil - ES
Sample Matrix Code					4A	6A	4A	6A	4AE	6A
% Stones >10mm	% w/w	0.1	A-T-044		<0.1	<0.1	6.2	18.6	<0.1	23.6
Arsenic	mg/kg	1	A-T-024s	64	4	8	5	8	5	7
Cadmium	mg/kg	1	A-T-024s	3.6	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
Copper	mg/kg	1	A-T-024s	478	24	29	21	24	21	27
Chromium	mg/kg	1	A-T-024s	130	18	31	17	13	17	13
Lead	mg/kg	1	A-T-024s	337	21	35	24	23	26	39
Mercury	mg/kg	0.17	A-T-024s	1	<0.17	<0.17	<0.17	<0.17	<0.17	<0.17
Nickel	mg/kg	1	A-T-024s	50	32	29	29	23	29	23
Selenium	mg/kg	1	A-T-024s	3	<1	<1	<1	<1	<1	<1
Vanadium	mg/kg	1	A-T-024s	416	13	27	10	13	11	12
Zinc	mg/kg	1	A-T-024s	3280	84	106	124	86	89	111
Benzo(a)pyrene	mg/kg	0.04	A-T-019s	0.90	<0.04	0.07	0.04	0.06	<0.04	0.2
Vinyl Chloride (Chloroethene)	µg/kg	1	A-T-006s	0.01	<1	<1	<1	<1	<1	<1
Dichloromethane	µg/kg	5	A-T-006s	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-Trichloroethane	µg/kg	1	A-T-006s	154	<1	<1	<1	<1	<1	<1
1,2-Dichloroethane	µg/kg	2	A-T-006s	4	<2	<2	<2	<2	<2	<2
Trichloroethene	µg/kg	1	A-T-006s	1	<1	<1	<1	<1	<1	<1
Tetrachloroethene	µg/kg	1	A-T-006s	11	<1	<1	<1	<1	<1	<1
Asbestos in Soil (inc. matrix) ^										
Asbestos in soil			A-T-045		NAD	NAD	NAD	NAD	NAD	NAD
Asbestos Matrix (visual)			A-T-045		-	-	-	-	-	-
Asbestos Matrix (microscope)			A-T-045		-	-	-	-	-	-
Asbestos ACM - Suitable for Water Absorption Test?			A-T-045		N/A	N/A	N/A	N/A	N/A	N/A
TPH CWG with Clean Up										
Ali >C5-C6	mg/kg	0.01	A-T-022s		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ali >C6-C8	mg/kg	0.01	A-T-022s		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Ali >C8-C10	mg/kg	1	A-T-055s		<1	<1	<1	<1	<1	<1
Ali >C10-C12	mg/kg	1	A-T-055s		<1	<1	<1	<1	<1	<1
Ali >C12-C16	mg/kg	1	A-T-055s		<1	<1	<1	<1	<1	<1
Ali >C16-C21	mg/kg	1	A-T-055s		1	<1	1	<1	2	3
Ali >C21-C35	mg/kg	1	A-T-055s		24	13	37	8	23	80
Total Aliphatics	mg/kg	1	Calc-As Recd		26	13	38	8	26	83
Aro >C5-C7	mg/kg	0.01	A-T-022s		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aro >C7-C8	mg/kg	0.01	A-T-022s		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
Aro >C8-C10	mg/kg	1	A-T-055s		<1	<1	<1	<1	<1	<1
Aro >C10-C12	mg/kg	1	A-T-055s		<1	<1	<1	<1	<1	<1
Aro >C12-C16	mg/kg	1	A-T-055s		2	1	2	<1	2	15
Aro >C16-C21	mg/kg	1	A-T-055s		10	2	6	2	6	54
Aro >C21-C35	mg/kg	1	A-T-055s		17	7	21	5	11	175
Total Aromatics	mg/kg	1	Calc-As Recd		29	10	29	8	20	245
TPH (Ali & Aro >C5-C35)	mg/kg	1	Calc-As Recd	1717	55	23	67	16	45	328
BTEX - Benzene	mg/kg	0.01	A-T-022s	0.12	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - Toluene	mg/kg	0.01	A-T-022s	36	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - Ethyl Benzene	mg/kg	0.01	A-T-022s	37	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - m & p Xylene	mg/kg	0.01	A-T-022s	32	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
BTEX - o Xylene	mg/kg	0.01	A-T-022s	32	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
MTBE	mg/kg	0.01	A-T-022s		<0.01	<0.01	<0.01	<0.01	<0.01	<0.01