Environmental Services Group Ltd
Lumley Street
Castleford
West Yorkshire WF10 5LB
[redacted]

ESG
Environmental Scientifics Group

UKAS TESTING
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TEST REPORT

Fugro Engineering Services Ltd
Armstrong House
Unit 43, Number One Industrial Estate
Medomsley Road
Consett
County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1010	Date Sampled	Not Stated
Sample Number	SM/10/1010	Date Received	31/03/2010
Date	19-Apr-10	Date Completed	16/04/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	12 @ 7.85m - 9.55m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards.

Determination of Los Angeles coefficient, BS EN 1097-2:1998
Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Passing 11.2mm test sieve	40 %
Retaining 11.2mm test sieve	60 %
Los Angeles coefficient *LA*	39

[redacted]

Environmental Services Group Ltd
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County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1010	Date Sampled	Not Stated
Sample Number	SM/10/1010	Date Received	31/03/2010
Date	19-Apr-10	Date Completed	16/04/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	12 @ 7.85m - 9.55m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards on a dry specimen.

Determination of aggregate impact value (AIV) - BS 812: Part 112: 1990	
Number of blows	NA
Aggregate impact value	28.7

[redacted]

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County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1010	Date Sampled	Not Stated
Sample Number	SM/10/1010	Date Received	31/03/2010
Date	19-Apr-10	Date Completed	16/04/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	12 @ 7.85m - 9.55m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards.

Determination of Aggregate Crushing Value - BS 812: Part 110: 1990

Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Aggregate Crushing Value (dry)	21 %

[redacted]

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Unit 43, Number One Industrial Estate
Medomsley Road
Consett
County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1011	Date Sampled	Not Stated
Sample Number	SM/10/1011	Date Received	31/03/2010
Date	19-Apr-10	Date Completed	16/04/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	12 @ 20.50m - 22.50m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards.

Determination of Los Angeles coefficient, BS EN 1097-2:1998

Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Passing 11.2mm test sieve	30 %
Retaining 11.2mm test sieve	70 %
Los Angeles coefficient *LA*	41

[redacted]

Environmental Services Group Ltd
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County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1011	Date Sampled	Not Stated
Sample Number	SM/10/1011	Date Received	31/03/2010
Date	19-Apr-10	Date Completed	16/04/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	12 @ 20.50m - 22.50m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards.

Determination of Aggregate Crushing Value - BS 812: Part 110: 1990

Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Aggregate Crushing Value (dry)	21 %

[redacted]

Environmental Services Group Ltd
Lumley Street
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[redacted]

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Fugro Engineering Services Ltd
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County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1011	Date Sampled	Not Stated
Sample Number	SM/10/1011	Date Received	31/03/2010
Date	19-Apr-10	Date Completed	16/04/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	12 @ 20.50m - 22.50m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards on a dry specimen.

Determination of aggregate impact value (AIV) - BS 812: Part 112: 1990	
Number of blows	NA
Aggregate impact value	25.8

[redacted]

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Armstrong House
Unit 43, Number One Industrial Estate
Medomsley Road
Consett
County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1012	Date Sampled	Not Stated
Sample Number	SM/10/1012	Date Received	31/03/2010
Date	19-Apr-10	Date Completed	16/04/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	12 @ 29.00m - 30.00m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards.

Determination of Los Angeles coefficient, BS EN 1097-2:1998
Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Passing 11.2mm test sieve	32 %
Retaining 11.2mm test sieve	68 %
Los Angeles coefficient *LA*	38

[redacted]

Environmental Services Group Ltd
Lumley Street
Castleford
West Yorkshire WF10 5LB
[redacted]

Environmental Scientifics Group

UKAS TESTING
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TEST REPORT

Fugro Engineering Services Ltd
Armstrong House
Unit 43, Number One Industrial Estate
Medomsley Road
Consett
County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1012	Date Sampled	Not Stated
Sample Number	SM/10/1012	Date Received	31/03/2010
Date	19-Apr-10	Date Completed	16/04/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	12 @ 29.00m - 30.00m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.

The sample was received without an accompanying certificate of sampling.

The test was carried out in accordance with the appropriate standards.

Determination of Aggregate Crushing Value - BS 812: Part 110: 1990

Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Aggregate Crushing Value (dry)	19 %

[redacted]

Environmental Services Group Ltd
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UKAS TESTING 0001

TEST REPORT

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Unit 43, Number One Industrial Estate
Medomsley Road
Consett
County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1012	Date Sampled	Not Stated
Sample Number	SM/10/1012	Date Received	31/03/2010
Date	19-Apr-10	Date Completed	16/04/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	12 @ 29.00m - 30.00m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards on a dry specimen.

Determination of aggregate impact value (AIV) - BS 812: Part 112: 1990	
Number of blows	NA
Aggregate impact value	24.8

[redacted]

Environmental Services Group Ltd
Lumley Street
Castleford
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[redacted]

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UKAS TESTING
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TEST REPORT

Fugro Engineering Services Ltd
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County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1012	Date Sampled	Not Stated
Sample Number	SM/10/1012	Date Received	31/03/2010
Date	12-May-10	Date Completed	11/05/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	12 @ 29.00m - 30.00m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards.

Determination of Magnesium Sulphate Soundness - BS EN 1367-2:1998

Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Magnesium Sulphate Value *MS*	7
Range of results	4.8
Proportion of laboratory sample used for test portion	<5 %

*Note: Cycle Times Exceeded on Cycle 3

[redacted]

Environmental Services Group Ltd
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[redacted]

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Consett
County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1011	Date Sampled	Not Stated
Sample Number	SM/10/1011	Date Received	31/03/2010
Date	12-May-10	Date Completed	11/05/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	12 @ 20.50m - 22.50m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards.

Determination of Magnesium Sulphate Soundness - BS EN 1367-2:1998

Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Magnesium Sulphate Value *MS*	6
Range of results	6.0
Proportion of laboratory sample used for test portion	<5 %

*Note: Cycle Times Exceeded on Cycle 3

[redacted]

Environmental Services Group Ltd
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TEST REPORT

Fugro Engineering Services Ltd
Armstrong House
Unit 43, Number One Industrial Estate
Medomsley Road
Consett
County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1010	Date Sampled	Not Stated
Sample Number	SM/10/1010	Date Received	31/03/2010
Date	12-May-10	Date Completed	11/05/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	12 @ 7.85m - 9.55m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards.

Determination of Magnesium Sulphate Soundness - BS EN 1367-2:1998

Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Magnesium Sulphate Value *MS*	7
Range of results	3.7
Proportion of laboratory sample used for test portion	<5 %

*Note: Cycle Times Exceeded on Cycle 3

[redacted]

Environmental Services Group Ltd
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Castleford
West Yorkshire WF10 5LB
[redacted]

Environmental Scientifics Group

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TEST REPORT

Fugro Engineering Services Ltd
Armstrong House
Unit 43, Number One Industrial Estate
Medomsley Road
Consett
County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1009	Date Sampled	Not Stated
Sample Number	SM/10/1009	Date Received	31/03/2010
Date	12-May-10	Date Completed	11/05/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	12 @ 5.00m - 7.00m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards.

Determination of Magnesium Sulphate Soundness - BS EN 1367-2:1998

Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Magnesium Sulphate Value *MS*	2
Range of results	0.9
Proportion of laboratory sample used for test portion	<5 %

*Note: Cycle Time Exceeded on Cycle 3

[redacted]

Environmental Services Group Ltd
Lumley Street
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[redacted]

Environmental Scientifics Group

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Fugro Engineering Services Ltd
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Unit 43, Number One Industrial Estate
Medomsley Road
Consett
County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1008	Date Sampled	Not Stated
Sample Number	SM/10/1008	Date Received	31/03/2010
Date	12-May-10	Date Completed	11/05/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	6 @ 15.00m - 16.50m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards.

Determination of Magnesium Sulphate Soundness - BS EN 1367-2:1998

Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Magnesium Sulphate Value *MS*	12
Range of results	2.2
Proportion of laboratory sample used for test portion	<5 %

*Note: Cycle Times Exceeded on Cycle 3

[redacted]

Environmental Services Group Ltd
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[redacted]

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Fugro Engineering Services Ltd
Armstrong House
Unit 43, Number One Industrial Estate
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Consett
County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1007	Date Sampled	Not Stated
Sample Number	SM/10/1007	Date Received	31/03/2010
Date	12-May-10	Date Completed	11/05/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	6 @ 4.75m - 6.00m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards.

Determination of Magnesium Sulphate Soundness - BS EN 1367-2:1998

Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Magnesium Sulphate Value *MS*	9
Range of results	8.4
Proportion of laboratory sample used for test portion	<5 %

*Note: Cycle Times Exceeded on Cycle 3

[redacted]

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Consett
County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1006	Date Sampled	Not Stated
Sample Number	SM/10/1006	Date Received	31/03/2010
Date	12-May-10	Date Completed	11/05/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	4 @ 11.00m - 12.00m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards.

Determination of Magnesium Sulphate Soundness - BS EN 1367-2:1998

Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Magnesium Sulphate Value *MS*	5
Range of results	1.5
Proportion of laboratory sample used for test portion	<5 %

*Note: Cycle Times Exceeded on Cycle 3

[redacted]

Environmental Services Group Ltd
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Consett
County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1005	Date Sampled	Not Stated
Sample Number	SM/10/1005	Date Received	31/03/2010
Date	12-May-10	Date Completed	11/05/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	3 @ 26.90m - 29.00m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards.

Determination of Magnesium Sulphate Soundness - BS EN 1367-2:1998

Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Magnesium Sulphate Value *MS*	5
Range of results	1.0
Proportion of laboratory sample used for test portion	<5 %

*Note: Cycle Time Exceeded on Cycle 3.

[redacted]

Environmental Services Group Ltd
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For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1004	Date Sampled	Not Stated
Sample Number	SM/10/1004	Date Received	31/03/2010
Date	12-May-10	Date Completed	11/05/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	2 @ 18.0m - 19.50m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards.

Determination of Magnesium Sulphate Soundness - BS EN 1367-2:1998

Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Magnesium Sulphate Value *MS*	4
Range of results	1.2
Proportion of laboratory sample used for test portion	<5 %

*Note: Cycle Time Exceeded on Cycle 3.

[redacted]

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Consett
County Durham DH8 6DQ

For the attention of [redacted]

SLOY PUMPING STATION (CON103001)

Laboratory Report	SM/10/1003	Date Sampled	Not Stated
Sample Number	SM/10/1003	Date Received	31/03/2010
Date	12-May-10	Date Completed	11/05/2010
Material Description	Dalradian Schist with Quartzite	Client Ref	Not Stated
Source	Ex Site	Location	2 @ 8.50m - 10.50m
Supplier	Ex Site		

The result below represents tests conducted on a sample of the above material which was submitted to the Laboratory by the client.
The sample was received without an accompanying certificate of sampling.
The test was carried out in accordance with the appropriate standards.

Determination of Magnesium Sulphate Soundness - BS EN 1367-2:1998

Tests conducted on material passing a 14.0mm test sieve and retained on a 10.0mm test sieve.

Magnesium Sulphate Value *MS*	3
Range of results	0.5
Proportion of laboratory sample used for test portion	<5 %

*Note: Cycle Times Exceeded on Cycle 3.

[redacted]

ACOUSTIC VELOCITY, BULK DENSITY AND MOISTURE CONTENT DATA

Job No: CON103001
For FUGRO
Provided by Mr David Thornley & Dr Timothy Astin, School of Human and Environmental Sciences, University of Reading

Borehole	Depth (m)	Description	Compressional velocity ($m.s^{-1}$)	Shear velocity ($m.s^{-1}$)	Vp/Vs ratio	Bulk density (at time of measurement) ($kg.m^{-3}$)	Moisture content (at time of measurement) (%)
2	16.6	C	4600	2998	1.53	2713	0.06
3	9.6	C	3661	2412	1.52	2684	0.04
4	21.4	C	4182	2787	1.50	2829	0.04
6	26.0	C	4503	2959	1.52	2701	0.06
12	17.15	C	4142	2736	1.51	2754	0.03
12	32.15	C	3546	2348	1.51	2687	0.05

Certificate of Analysis

Date: 13/04/2010

2139

Certificate Number: 10-36994

Client:

Fugro Engineering Services Ltd
Unit 43
Number One Industrial Estate
Medomsley Road
Consett
DH8 6TW

Our Reference: 10-36994

Client Reference: CON 103001

Contract Title: Sloy Pumping Station

Description: 11 misc samples

Date Received: 30/03/2010

Date Started: 30/03/2010

Date Completed: 13/04/2010

Test Procedures: Identified by prefix DETSn, details available upon request.

Notes:

Observations and interpretations are outside the scope of UKAS accreditation
* denotes test not included in laboratory scope of accreditation
# denotes test that holds MCERT accreditation, however, MCERTS accreditation is only implied if the report carries the MCERTS logo
$ denotes tests completed by an approved subcontractor
I/S denotes insufficient sample to carry out test
U/S denotes that the sample is not suitable for testing
DETSM denotes tests carried out by DETS Midlands laboratory
Solid samples will be disposed 1 month and liquids 2 weeks after the date of issue of this test certificate
Asbestos subsamples will be kept for 6 months

Approved By:

Authorised Signatories: [redacted]

Derwentside Environmental Testing Services Limited
Unit 2, Park Road Industrial Estate South, Consett, Co Durham, DH8 5PY
Tel: 01207 582333 • Fax 01207 582444 • email: info@dets.co.uk • www.dets.co.uk

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-36994
Client Ref: CON 103001
Contract Title: Sloy Pumping Station

		Lab No.	251944	251945	251946	251947	251948	251949
		Sample Ref	BH02	BH03	BH04	BH04	BH05	BH06
		Depth	10.50	30.00	14.00	23.25	3.70	2.40
		Other Ref						
		Sample Type	C	C	C	C	C	C
Test	**Units**	**DETSxx**						
Total Sulphate as SO4	%	DETS 075#	< 0.01	0.02	< 0.01	< 0.01	< 0.01	< 0.01
pH		DETS 008#	8.9	8.7	8.6	8.4	8.7	8.5

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-36994
Client Ref: CON 103001
Contract Title: Sloy Pumping Station

		Lab No.	251950	251951	251952	251953	251954
		Sample Ref	BH07	BH08	BH10	BH11	BH12
		Depth	2.40	6.00	6.50	7.00	15.15
		Other Ref					
		Sample Type	C	C	C	C	C
Test	**Units**	**DETSxx**					
Total Sulphate as SO4	%	DETS 075#	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
pH		DETS 008#	8.5		8.7	8.8	8.6

APPENDIX F Contamination Test Results

DETS Certificate of Analysis Reference 10-35469, 10-36315, 10-36951 and 10-37631

Certificate of Analysis

Date: 23/02/2010

2139

Certificate Number: 10-35469

Client:

Fugro Engineering Services Ltd
Unit 43
Number One Industrial Estate
Medomsley Road
Consett
DH8 6TW

Our Reference: 10-35469

Client Reference: CON1013001

Contract Title: Sloy Pumping Station

Description: 3 soil samples

Date Received: 11/02/2010

Date Started: 11/02/2010

Date Completed: 23/02/2010

Test Procedures: Identified by prefix DETSn, details available upon request.

Notes:

Observations and interpretations are outside the scope of UKAS accreditation
* denotes test not included in laboratory scope of accreditation
# denotes test that holds MCERT accreditation, however, MCERTS accreditation is only implied if the report carries the MCERTS logo
$ denotes tests completed by an approved subcontractor
I/S denotes insufficient sample to carry out test
U/S denotes that the sample is not suitable for testing
DETSM denotes tests carried out by DETS Midlands laboratory
Solid samples will be disposed 1 month and liquids 2 weeks after the date of issue of this test certificate
Asbestos subsamples will be kept for 6 months

Approved By:

Authorised Signatories: [redacted]

Derwentside Environmental Testing Services Limited
Unit 2, Park Road Industrial Estate South, Consett, Co Durham, DH8 5PY
Tel: 01207 582333 • Fax 01207 582444 • email: info@dets.co.uk • www.dets.co.uk

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-35469
Client Ref: CON1013001
Contract Title: Sloy Pumping Station

		Lab No.	241615	241616	241617
		Sample Ref	BH 2	BH 4	BH 10
		Depth	2.80	1.20	2.00
		Other Ref	5	2	4
		Sample Type	D	B	D
Test	**Units**	**DETSxx**			
Sulphate Aqueous Extract as SO4	mg/l	DETS 076#	150	45	13
pH		DETS 008#	10.9	9.3	8.6

Certificate of Analysis

Date: 24/03/2010

2139

Certificate Number: 10-36315

Client:

Fugro Engineering Services Ltd
Unit 43
Number One Industrial Estate
Medomsley Road
Consett
DH8 6TW

Our Reference: 10-36315

Client Reference: CON103001

Contract Title: Sloy Pumping Station

Description: 13 soil samples

Date Received: 08/03/2010

Date Started: 09/03/2010

Date Completed: 24/03/2010

Test Procedures: Identified by prefix DETSn, details available upon request.

Notes:

Observations and interpretations are outside the scope of UKAS accreditation
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Solid samples will be disposed 1 month and liquids 2 weeks after the date of issue of this test certificate
Asbestos subsamples will be kept for 6 months

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Summary of Chemical Analysis
Soil Samples

Our Ref: 10-36315
Client Ref: CON103001
Contract Title: Sloy Pumping Station

		Lab No.	247262	247263	247264	247265	247266
		Sample Ref	TP2	TP2A	TP3	TP4	TP4
		Depth	0.40	1.10	1.50	0.30	1.70
		Other Ref	1	5	1	1	5
		Sample Type	ES	ES	ES	ES	ES
Test	**Units**	**DETSxx**					
Arsenic	mg/kg	DETS 042#	4	2	5	4	5
Cadmium	mg/kg	DETS 042#	0.4	0.4	0.5	0.5	0.5
Chromium	mg/kg	DETS 042#	23	22	29	31	26
Copper	mg/kg	DETS 042#	23	29	29	27	28
Lead	mg/kg	DETS 042#	17	11	19	14	16
Mercury	mg/kg	DETS 081#	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nickel	mg/kg	DETS 042#	19	23	24	27	25
Selenium	mg/kg	DETS 042#	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Zinc	mg/kg	DETS 042#	50	52	55	60	58
Boron (water soluble)	mg/kg	DETS 020#	0.5	0.4	1.3	0.4	0.6
Cyanide total	mg/kg	DETS 067#	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Cyanide free	mg/kg	DETS 067#	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Sulphide	mg/kg	DETS 024#	12	16	< 10	< 10	32
Total Sulphate as SO4	%	DETS 075#	< 0.01	0.01	0.01	0.02	0.01
Sulphate Aqueous Extract as SO4	mg/l	DETS 076#	19	25	28	23	32
pH		DETS 008#	8.7	8.8	8.4	8.1	8.6
EPH (C10-C40)	mg/kg	DETS 051#	59	130	8000	66	84
PCB	mg/kg	DETS 052*	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
4-Chloro-3-methylphenol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2,4-Dichlorophenol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2,4-Dimethylphenol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
p-cresol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2,6-Dimethylphenol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2,6-Dichlorophenol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
2,4,6-Trichlorophenol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-36315
Client Ref: CON103001
Contract Title: Sloy Pumping Station

		Lab No.	247267	247268	247269	247270	247271
		Sample Ref	TP5	TP6	TP7	TP7	BH1
		Depth	0.30	0.30	0.20	0.95	2.70
		Other Ref	1	1	3	4	5
		Sample Type	ES	ES	D	D	D
Test	**Units**	**DETSxx**					
Arsenic	mg/kg	DETS 042#	3	4	4	4	2
Cadmium	mg/kg	DETS 042#	0.4	0.5	0.6	0.4	0.3
Chromium	mg/kg	DETS 042#	42	25	26	30	17
Copper	mg/kg	DETS 042#	41	34	25	29	21
Lead	mg/kg	DETS 042#	12	28	13	21	8
Mercury	mg/kg	DETS 081#	< 0.05	< 0.05	< 0.05	< 0.05	< 0.05
Nickel	mg/kg	DETS 042#	25	25	22	24	19
Selenium	mg/kg	DETS 042#	< 0.5	< 0.5	< 0.5	< 0.5	< 0.5
Zinc	mg/kg	DETS 042#	72	67	67	150	49
Boron (water soluble)	mg/kg	DETS 020#	0.5	0.6	0.5	0.9	0.2
Cyanide total	mg/kg	DETS 067#	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Cyanide free	mg/kg	DETS 067#	< 0.1	< 0.1	< 0.1	< 0.1	< 0.1
Sulphide	mg/kg	DETS 024#	60	44	16	40	< 10
Total Sulphate as SO4	%	DETS 075#	0.05	0.02	0.01	0.03	< 0.01
Sulphate Aqueous Extract as SO4	mg/l	DETS 076#	200	16	20	100	11
pH		DETS 008#	10.6	9.3	9.1	9.7	9.1
EPH (C10-C40)	mg/kg	DETS 051#	620	17	66	500	
PCB	mg/kg	DETS 052*	< 0.01	< 0.01	< 0.01	< 0.01	< 0.01
Phenol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	
4-Chloro-3-methylphenol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	
2,4-Dichlorophenol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	
2,4-Dimethylphenol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	
p-cresol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	
2,6-Dimethylphenol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	
2,6-Dichlorophenol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	
2,4,6-Trichlorophenol	mg/kg	DETS 054*	< 0.01	< 0.01	< 0.01	< 0.01	

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-36315
Client Ref: CON103001
Contract Title: Sloy Pumping Station

		Lab No.	247272	247273	247274
		Sample Ref	BH2	BH3	BH4
		Depth	2.80	0.95	1.20
		Other Ref	5	3	1
		Sample Type	D	ES	B
Test	**Units**	**DETSxx**			
Arsenic	mg/kg	DETS 042#	3	3	4
Cadmium	mg/kg	DETS 042#	0.4	0.8	0.4
Chromium	mg/kg	DETS 042#	18	18	34
Copper	mg/kg	DETS 042#	21	17	42
Lead	mg/kg	DETS 042#	9	13	11
Mercury	mg/kg	DETS 081#	< 0.05	< 0.05	< 0.05
Nickel	mg/kg	DETS 042#	23	20	23
Selenium	mg/kg	DETS 042#	< 0.5	< 0.5	< 0.5
Zinc	mg/kg	DETS 042#	59	71	52
Boron (water soluble)	mg/kg	DETS 020#	< 0.2	0.8	0.6
Cyanide total	mg/kg	DETS 067#	< 0.1	< 0.1	< 0.1
Cyanide free	mg/kg	DETS 067#	< 0.1	< 0.1	< 0.1
Sulphide	mg/kg	DETS 024#	< 10	< 10	30
Total Sulphate as SO4	%	DETS 075#	< 0.01	0.01	0.02
Sulphate Aqueous Extract as SO4	mg/l	DETS 076#	< 10.00	16	93
pH		DETS 008#	9.1	8.9	9.5
EPH (C10-C40)	mg/kg	DETS 051#		2700	
PCB	mg/kg	DETS 052*	< 0.01	< 0.01	< 0.01
Phenol	mg/kg	DETS 054*		< 0.01	
4-Chloro-3-methylphenol	mg/kg	DETS 054*		< 0.01	
2,4-Dichlorophenol	mg/kg	DETS 054*		< 0.01	
2,4-Dimethylphenol	mg/kg	DETS 054*		< 0.01	
p-cresol	mg/kg	DETS 054*		< 0.01	
2,6-Dimethylphenol	mg/kg	DETS 054*		< 0.01	
2,6-Dichlorophenol	mg/kg	DETS 054*		< 0.01	
2,4,6-Trichlorophenol	mg/kg	DETS 054*		< 0.01	

Summary of Asbestos Analysis
Soil Samples

Our Ref: 10-36315
Client Ref: CON103001
Contract Title: Sloy Pumping Station

Laboratory Number	Sample Ref	Depth	Other Ref	Material	Result
247262	TP2	0.40	1	Soil	NAD
247263	TP2A	1.10	5	Soil	NAD
247264	TP3	1.50	1	Soil	NAD
247265	TP4	0.30	1	Soil	NAD
247266	TP4	1.70	5	Soil	NAD
247267	TP5	0.30	1	Soil	NAD
247268	TP6	0.30	1	Soil	NAD
247269	TP7	0.20	3	Soil	NAD
247270	TP7	0.95	4	Soil	NAD
247271	BH1	2.70	5	Soil	NAD
247272	BH2	2.80	5	Soil	NAD
247273	BH3	0.95	3	Soil	NAD
247274	BH4	1.20	1	Soil	NAD

Crocidolite = Blue Asbestos, Amosite = Brown Asbestos, Chrysotile = White Asbestos
NAD = No Asbestos Detected. Anthophyllite, Actinolite and Tremolite are other forms of Asbestos

Samples are analysed using polarised light microscopy in accordance with HSG248 and documented in-house methods. Where a sample is NAD, the result is based on analysis of at least 2 sub-samples and should be taken to mean 'no asbestos detected in sample'.

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-36315
Client Ref: CON103001
Contract Title: Sloy Pumping Station

		Lab No.	247262	247263	247264	247265
		Sample Ref	TP2	TP2A	TP3	TP4
		Depth	0.40	1.10	1.50	0.30
		Other Ref	1	5	1	1
		Sample Type	ES	ES	ES	ES
Test	**Units**	**DETSxx**				
Aniline	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Bis(2-chloroethyl)ether	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Phenol	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
2-Chlorophenol	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Benzyl Alcohol	mg/kg	DETSM-134*	<0.10	0.37	<1.0	<0.10
2-Methylphenol	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
3& 4-Methylphenol	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
2,4-dimethylphenol	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Bis-(dichloroethoxy)methane	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
2,4-Dichlorophenol	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
1,2,4-Trichlorobenzene	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Naphthalene	mg/kg	DETSM-134*	<0.10	<0.10	2.3	<0.10
4-Chloro-3-methylphenol	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
2-Methylnaphthalene	mg/kg	DETSM-134*	<0.10	<0.10	3.6	<0.10
Hexachlorocyclopentadiene	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
2,4,6 Trichlorophenol	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
2,4,5 Trichlorophenol	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
2-Chloronaphthalene	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
2-Nitroaniline	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
1,4-dinitrobenzene	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Dimethyl phthalate	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
1,3-dinitrobenzene	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Acenaphthylene	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
2,6-Dinitrotoluene	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
1,2-Dinitrobenzene	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
3-Nitroaniline	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Acenaphthene	mg/kg	DETSM-134*	<0.10	<0.10	18	<0.10
Dibenzofuran	mg/kg	DETSM-134*	<0.10	<0.10	8.9	<0.10
2,4-Dinitrotoluene	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
4-Nitrophenol	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
2,3,4,6-Tetrachlorophenol	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
2,3,5,6-Tetrachlorophenol	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Diethylphthalate	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Fluorene	mg/kg	DETSM-134*	<0.10	<0.10	13	<0.10
4-Chlorophenyl phenyl ether	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
4-Nitroaniline	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Diphenylamine/4,6-Dinitro-2-methylphenol	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Azobenzene	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
4-Bromophenyl phenyl ether	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Hexachlorobenzene	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Pentachlorophenol	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Phenanthrene	mg/kg	DETSM-134*	<0.10	<0.10	43	<0.10
Anthracene	mg/kg	DETSM-134*	<0.10	<0.10	18	<0.10
Carbazole	mg/kg	DETSM-134*	<0.10	<0.10	2.8	<0.10
Di-n-butylphthalate	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Benzyl butyl phthalate	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Bis(2-ethylhexyl)ester	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Fluoranthene	mg/kg	DETSM-134*	<0.10	<0.10	39	<0.10
Pyrene	mg/kg	DETSM-134*	<0.10	<0.10	33	<0.10
Benzo(a)anthracene	mg/kg	DETSM-134*	<0.10	<0.10	16	<0.10
Chrysene	mg/kg	DETSM-134*	<0.10	<0.10	14	<0.10

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-36315
Client Ref: CON103001
Contract Title: Sloy Pumping Station

		Lab No.	247262	247263	247264	247265
		Sample Ref	TP2	TP2A	TP3	TP4
		Depth	0.40	1.10	1.50	0.30
		Other Ref	1	5	1	1
		Sample Type	ES	ES	ES	ES
Test	**Units**	**DETSxx**				
Di-n-octyl phthalate	mg/kg	DETSM-134*	<0.10	<0.10	<1.0	<0.10
Benzo(b)fluoranthene	mg/kg	DETSM-134*	<0.10	<0.10	11	<0.10
Benzo(k)fluoranthene	mg/kg	DETSM-134*	<0.10	<0.10	10	<0.10
Benzo(a)pyrene	mg/kg	DETSM-134*	<0.10	<0.10	14	<0.10
Indeno(1,2,3-cd)pyrene	mg/kg	DETSM-134*	<0.10	<0.10	6.3	<0.10
Dibenz(a,h)anthracene	mg/kg	DETSM-134*	<0.10	<0.10	2.6	<0.10
Benzo(ghi)pyrelene	mg/kg	DETSM-134*	<0.10	<0.10	6.6	<0.10

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-36315
Client Ref: CON103001
Contract Title: Sloy Pumping Station

		Lab No.	247266	247267	247268	247269
		Sample Ref	TP4	TP5	TP6	TP7
		Depth	1.70	0.30	0.30	0.20
		Other Ref	5	1	1	3
		Sample Type	ES	ES	ES	D
Test	**Units**	**DETSxx**				
Aniline	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Bis(2-chloroethyl)ether	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Phenol	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
2-Chlorophenol	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Benzyl Alcohol	mg/kg	DETSM-134*	0.42	<1.0	0.26	<0.10
2-Methylphenol	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
3& 4-Methylphenol	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
2,4-dimethylphenol	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Bis-(dichloroethoxy)methane	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
2,4-Dichlorophenol	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
1,2,4-Trichlorobenzene	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Naphthalene	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
4-Chloro-3-methylphenol	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
2-Methylnaphthalene	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Hexachlorocyclopentadiene	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
2,4,6 Trichlorophenol	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
2,4,5 Trichlorophenol	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
2-Chloronaphthalene	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
2-Nitroaniline	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
1,4-dinitrobenzene	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Dimethyl phthalate	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
1,3-dinitrobenzene	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Acenaphthylene	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
2,6-Dinitrotoluene	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
1,2-Dinitrobenzene	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
3-Nitroaniline	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Acenaphthene	mg/kg	DETSM-134*	<0.10	4.9	<0.10	<0.10
Dibenzofuran	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
2,4-Dinitrotoluene	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
4-Nitrophenol	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
2,3,4,6-Tetrachlorophenol	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
2,3,5,6-Tetrachlorophenol	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Diethylphthalate	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Fluorene	mg/kg	DETSM-134*	<0.10	1.5	<0.10	<0.10
4-Chlorophenyl phenyl ether	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
4-Nitroaniline	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Diphenylamine/4,6-Dinitro-2-methylphenol	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Azobenzene	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
4-Bromophenyl phenyl ether	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Hexachlorobenzene	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Pentachlorophenol	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Phenanthrene	mg/kg	DETSM-134*	<0.10	8.2	<0.10	<0.10
Anthracene	mg/kg	DETSM-134*	<0.10	6.6	<0.10	<0.10
Carbazole	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Di-n-butylphthalate	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Benzyl butyl phthalate	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Bis(2-ethylhexyl)ester	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Fluoranthene	mg/kg	DETSM-134*	<0.10	48	<0.10	<0.10
Pyrene	mg/kg	DETSM-134*	<0.10	41	<0.10	<0.10
Benzo(a)anthracene	mg/kg	DETSM-134*	<0.10	19	<0.10	<0.10
Chrysene	mg/kg	DETSM-134*	<0.10	16	<0.10	<0.10

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-36315
Client Ref: CON103001
Contract Title: Sloy Pumping Station

		Lab No.	247266	247267	247268	247269
		Sample Ref	TP4	TP5	TP6	TP7
		Depth	1.70	0.30	0.30	0.20
		Other Ref	5	1	1	3
		Sample Type	ES	ES	ES	D
Test	**Units**	**DETSxx**				
Di-n-octyl phthalate	mg/kg	DETSM-134*	<0.10	<1.0	<0.10	<0.10
Benzo(b)fluoranthene	mg/kg	DETSM-134*	<0.10	13	<0.10	<0.10
Benzo(k)fluoranthene	mg/kg	DETSM-134*	<0.10	12	<0.10	<0.10
Benzo(a)pyrene	mg/kg	DETSM-134*	<0.10	16	<0.10	<0.10
Indeno(1,2,3-cd)pyrene	mg/kg	DETSM-134*	<0.10	7.4	<0.10	<0.10
Dibenz(a,h)anthracene	mg/kg	DETSM-134*	<0.10	2.8	<0.10	<0.10
Benzo(ghi)pyrelene	mg/kg	DETSM-134*	<0.10	8.0	<0.10	<0.10

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-36315
Client Ref: CON103001
Contract Title: Sloy Pumping Station

		Lab No.	247270	247271	247272	247273
		Sample Ref	TP7	BH1	BH2	BH3
		Depth	0.95	2.70	2.80	0.95
		Other Ref	4	5	5	3
		Sample Type	D	D	D	ES
Test	**Units**	**DETSxx**				
Aniline	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Bis(2-chloroethyl)ether	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Phenol	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
2-Chlorophenol	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Benzyl Alcohol	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
2-Methylphenol	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
3& 4-Methylphenol	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
2,4-dimethylphenol	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Bis-(dichloroethoxy)methane	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
2,4-Dichlorophenol	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
1,2,4-Trichlorobenzene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Naphthalene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
4-Chloro-3-methylphenol	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
2-Methylnaphthalene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Hexachlorocyclopentadiene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
2,4,6 Trichlorophenol	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
2,4,5 Trichlorophenol	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
2-Chloronaphthalene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
2-Nitroaniline	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
1,4-dinitrobenzene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Dimethyl phthalate	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
1,3-dinitrobenzene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Acenaphthylene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
2,6-Dinitrotoluene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
1,2-Dinitrobenzene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
3-Nitroaniline	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Acenaphthene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	16
Dibenzofuran	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	6.7
2,4-Dinitrotoluene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
4-Nitrophenol	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
2,3,4,6-Tetrachlorophenol	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
2,3,5,6-Tetrachlorophenol	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Diethylphthalate	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Fluorene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	11
4-Chlorophenyl phenyl ether	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
4-Nitroaniline	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Diphenylamine/4,6-Dinitro-2-methylphenol	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Azobenzene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
4-Bromophenyl phenyl ether	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Hexachlorobenzene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Pentachlorophenol	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Phenanthrene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	33
Anthracene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	16
Carbazole	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Di-n-butylphthalate	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Benzyl butyl phthalate	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Bis(2-ethylhexyl)ester	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Fluoranthene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	50
Pyrene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	43
Benzo(a)anthracene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	23
Chrysene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	21

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-36315
Client Ref: CON103001
Contract Title: Sloy Pumping Station

		Lab No.	247270	247271	247272	247273
		Sample Ref	TP7	BH1	BH2	BH3
		Depth	0.95	2.70	2.80	0.95
		Other Ref	4	5	5	3
		Sample Type	D	D	D	ES
Test	**Units**	**DETSxx**				
Di-n-octyl phthalate	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	<1.0
Benzo(b)fluoranthene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	17
Benzo(k)fluoranthene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	15
Benzo(a)pyrene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	21
Indeno(1,2,3-cd)pyrene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	9.8
Dibenz(a,h)anthracene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	3.8
Benzo(ghi)pyrelene	mg/kg	DETSM-134*	<0.10	<0.10	<0.10	9.8

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-36315
Client Ref: CON103001
Contract Title: Sloy Pumping Station

		Lab No.	247274
		Sample Ref	BH4
		Depth	1.20
		Other Ref	1
		Sample Type	B
Test	**Units**	**DETSxx**	
Aniline	mg/kg	DETSM-134*	<0.10
Bis(2-chloroethyl)ether	mg/kg	DETSM-134*	<0.10
Phenol	mg/kg	DETSM-134*	<0.10
2-Chlorophenol	mg/kg	DETSM-134*	<0.10
Benzyl Alcohol	mg/kg	DETSM-134*	0.15
2-Methylphenol	mg/kg	DETSM-134*	<0.10
3& 4-Methylphenol	mg/kg	DETSM-134*	<0.10
2,4-dimethylphenol	mg/kg	DETSM-134*	<0.10
Bis-(dichloroethoxy)methane	mg/kg	DETSM-134*	<0.10
2,4-Dichlorophenol	mg/kg	DETSM-134*	<0.10
1,2,4-Trichlorobenzene	mg/kg	DETSM-134*	<0.10
Naphthalene	mg/kg	DETSM-134*	<0.10
4-Chloro-3-methylphenol	mg/kg	DETSM-134*	<0.10
2-Methylnaphthalene	mg/kg	DETSM-134*	<0.10
Hexachlorocyclopentadiene	mg/kg	DETSM-134*	<0.10
2,4,6 Trichlorophenol	mg/kg	DETSM-134*	<0.10
2,4,5 Trichlorophenol	mg/kg	DETSM-134*	<0.10
2-Chloronaphthalene	mg/kg	DETSM-134*	<0.10
2-Nitroaniline	mg/kg	DETSM-134*	<0.10
1,4-dinitrobenzene	mg/kg	DETSM-134*	<0.10
Dimethyl phthalate	mg/kg	DETSM-134*	<0.10
1,3-dinitrobenzene	mg/kg	DETSM-134*	<0.10
Acenaphthylene	mg/kg	DETSM-134*	<0.10
2,6-Dinitrotoluene	mg/kg	DETSM-134*	<0.10
1,2-Dinitrobenzene	mg/kg	DETSM-134*	<0.10
3-Nitroaniline	mg/kg	DETSM-134*	<0.10
Acenaphthene	mg/kg	DETSM-134*	<0.10
Dibenzofuran	mg/kg	DETSM-134*	<0.10
2,4-Dinitrotoluene	mg/kg	DETSM-134*	<0.10
4-Nitrophenol	mg/kg	DETSM-134*	<0.10
2,3,4,6-Tetrachlorophenol	mg/kg	DETSM-134*	<0.10
2,3,5,6-Tetrachlorophenol	mg/kg	DETSM-134*	<0.10
Diethylphthalate	mg/kg	DETSM-134*	<0.10
Fluorene	mg/kg	DETSM-134*	<0.10
4-Chlorophenyl phenyl ether	mg/kg	DETSM-134*	<0.10
4-Nitroaniline	mg/kg	DETSM-134*	<0.10
Diphenylamine/4,6-Dinitro-2-methylphenol	mg/kg	DETSM-134*	<0.10
Azobenzene	mg/kg	DETSM-134*	<0.10
4-Bromophenyl phenyl ether	mg/kg	DETSM-134*	<0.10
Hexachlorobenzene	mg/kg	DETSM-134*	<0.10
Pentachlorophenol	mg/kg	DETSM-134*	<0.10
Phenanthrene	mg/kg	DETSM-134*	<0.10
Anthracene	mg/kg	DETSM-134*	<0.10
Carbazole	mg/kg	DETSM-134*	<0.10
Di-n-butylphthalate	mg/kg	DETSM-134*	<0.10
Benzyl butyl phthalate	mg/kg	DETSM-134*	<0.10
Bis(2-ethylhexyl)ester	mg/kg	DETSM-134*	<0.10
Fluoranthene	mg/kg	DETSM-134*	<0.10
Pyrene	mg/kg	DETSM-134*	<0.10
Benzo(a)anthracene	mg/kg	DETSM-134*	<0.10
Chrysene	mg/kg	DETSM-134*	<0.10

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-36315
Client Ref: CON103001
Contract Title: Sloy Pumping Station

		Lab No.	247274
		Sample Ref	BH4
		Depth	1.20
		Other Ref	1
		Sample Type	B
Test	**Units**	**DETSxx**	
Di-n-octyl phthalate	mg/kg	DETSM-134*	<0.10
Benzo(b)fluoranthene	mg/kg	DETSM-134*	<0.10
Benzo(k)fluoranthene	mg/kg	DETSM-134*	<0.10
Benzo(a)pyrene	mg/kg	DETSM-134*	<0.10
Indeno(1,2,3-cd)pyrene	mg/kg	DETSM-134*	<0.10
Dibenz(a,h)anthracene	mg/kg	DETSM-134*	<0.10
Benzo(ghi)pyrelene	mg/kg	DETSM-134*	<0.10

Certificate of Analysis

Date: 08/04/2010

2139

Certificate Number: 10-36951

Client:

Fugro Engineering Services Ltd
Unit 43
Number One Industrial Estate
Medomsley Road
Consett
DH8 6TW

Our Reference: 10-36951

Client Reference: CON103001

Contract Title: Sloy Pumping Station

Description: 1 soil sample

Date Received: 29/03/2010

Date Started: 30/03/2010

Date Completed: 08/04/2010

Test Procedures: Identified by prefix DETSn, details available upon request.

Notes:

Observations and interpretations are outside the scope of UKAS accreditation
* denotes test not included in laboratory scope of accreditation
# denotes test that holds MCERT accreditation, however, MCERTS accreditation is only implied if the report carries the MCERTS logo
$ denotes tests completed by an approved subcontractor
I/S denotes insufficient sample to carry out test
U/S denotes that the sample is not suitable for testing
DETSM denotes tests carried out by DETS Midlands laboratory
Solid samples will be disposed 1 month and liquids 2 weeks after the date of issue of this test certificate
Asbestos subsamples will be kept for 6 months

Approved By:

Authorised Signatories:

Derwentside Environmental Testing Services Limited
Unit 2, Park Road Industrial Estate South, Consett, Co Durham, DH8 5PY
Tel: 01207 582333 • Fax 01207 582444 • email: info@dets.co.uk • www.dets.co.uk

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-36951
Client Ref: CON103001
Contract Title: Sloy Pumping Station

		Lab No.	251573
		Sample Ref	TP4
		Depth	1.70
		Other Ref	6
		Sample Type	B
Test	**Units**	**DETSxx**	
Sulphate Aqueous Extract as SO4	mg/l	DETS 076#	23
pH		DETS 008#	9.1

Certificate of Analysis

Date: 28/04/2010

2139

Certificate Number: 10-37631

Client:

Fugro Engineering Services Ltd
Unit 43
Number One Industrial Estate
Medomsley Road
Consett
DH8 6TW

Our Reference: 10-37631

Client Reference: CON103001

Contract Title: Sloy Pumping Station

Description: 6 soil samples

Date Received: 26/04/2010

Date Started: 26/04/2010

Date Completed: 28/04/2010

Test Procedures: Identified by prefix DETSn, details available upon request.

Notes:

Observations and interpretations are outside the scope of UKAS accreditation
* denotes test not included in laboratory scope of accreditation
# denotes test that holds MCERT accreditation, however, MCERTS accreditation is only implied if the report carries the MCERTS logo
$ denotes tests completed by an approved subcontractor
I/S denotes insufficient sample to carry out test
U/S denotes that the sample is not suitable for testing
DETSM denotes tests carried out by DETS Midlands laboratory
Solid samples will be disposed 1 month and liquids 2 weeks after the date of issue of this test certificate
Asbestos subsamples will be kept for 6 months

Approved By:

Authorised Signatories: [redacted]

Derwentside Environmental Testing Services Limited
Unit 2, Park Road Industrial Estate South, Consett, Co Durham, DH8 5PY
Tel: 01207 582333 • Fax 01207 582444 • email: info@dets.co.uk • www.dets.co.uk

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-37631
Client Ref: CON103001
Contract Title: Sloy Pumping Station

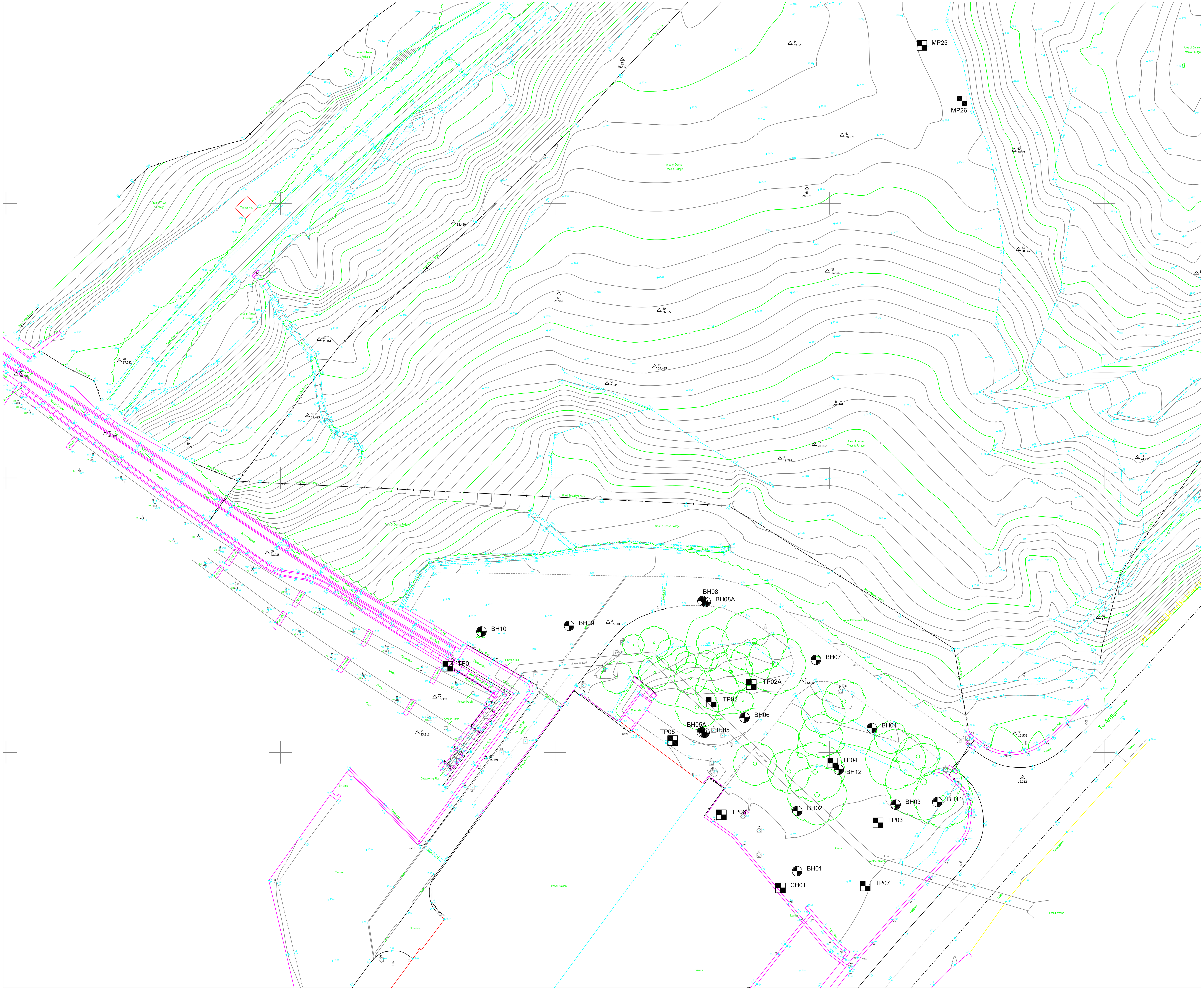
		Lab No.	256772	256773	256774	256775	256776
		Sample Ref	BH1	BH1	BH1	BH3	BH6
		Depth	2.00	3.00	4.00	0.50	1.20
		Other Ref	4	6	9	1	2
		Sample Type	B	B	B	B	B
Test	**Units**	**DETSxx**					
Organic matter	%	DETS 002#	< 0.1		0.3		
Sulphate Aqueous Extract as SO4	mg/l	DETS 076#		< 10		11	150
pH		DETS 008#		7.9		8.0	7.6

Summary of Chemical Analysis
Soil Samples

Our Ref: 10-37631
Client Ref: CON103001
Contract Title: Sloy Pumping Station

		Lab No.	256777
		Sample Ref	BH9
		Depth	2.00
		Other Ref	4
		Sample Type	B
Test	**Units**	**DETSxx**	
Organic matter	%	DETS 002#	
Sulphate Aqueous Extract as SO4	mg/l	DETS 076#	< 10
pH		DETS 008#	8.0

APPENDIX G Drawings



GENERAL LOCATION PLAN :

NOTES :

GEODETIC NOTES :

1. UTM Grid Co-ordinates
2. Zone 31
3. Central Meridian 3° East
4. European Datum 1950

LEGEND :

BOREHOLES

TRIAL PITS

CLIENT :

SCOTTISH AND SOUTHERN ENERGY

PROJECT :

SLOY PUMPING STATION

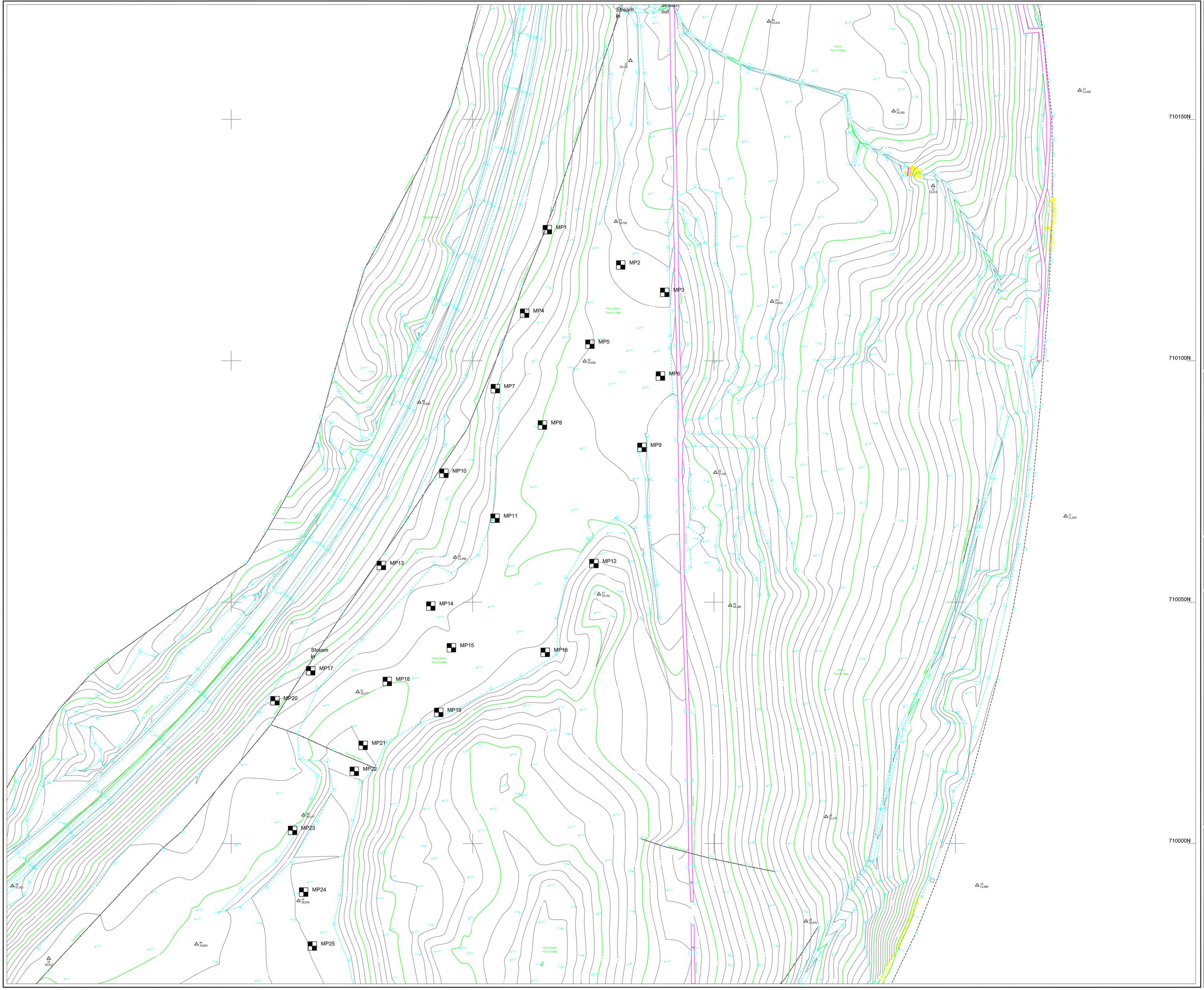
TITLE :

EXPLORATORY HOLE LOCATION PLAN
SHEET 1 OF 2

INTERP. BY :	[redacted]	DATE :	17/03/2010	DRAWN BY :	[redacted]	DATE :	17/03/2010
CHECKED BY :	[redacted]	DATE :	17/03/2010	APPROVED BY :	[redacted]	DATE :	17/03/2010
REPORT No. :	CON103001		Figure LP1				

CAD FILE NAME :
PLOTTED DRAWING SIZE : A1 (841 x 594)

FUGRO ENGINEERING SERVICES LIMITED
Armstrong House, Unit 43
Number One Ind Est, Consett, DH8 6TW
Tel : +44 (0)1207 581120 Fax : +44 (0)1207 581609
Email : consett@fes.co.uk. www.fes.co.uk



GENERAL LOCATION PLAN :

NOTES :

GEODETIC NOTES :

1. UTM Grid Co-ordinates
2. Zone 31
3. Central Meridian 3° East
4. European Datum 1950

LEGEND :

BOREHOLES

TRIAL PITS

CLIENT :

SCOTTISH AND SOUTHERN ENERGY

PROJECT :

SLOY PUMPING STATION

TITLE :

EXPLORATORY HOLE LOCATION PLAN
SHEET 2 OF 2

INTERP. BY :		DATE : 09/04/2010	DRAWN BY :		DATE : 09/04/2010
CHECKED BY :		DATE : 13/04/2010	APPROVED BY :		DATE : 13/04/2010

REPORT No. : CON103001 | Figure LP1

CAD FILE NAME :
PLOTTED DRAWING SIZE : A1 (841 x 594)

FUGRO ENGINEERING SERVICES LIMITED
Armstrong House, Unit 43
Number One Ind Est, Consett, DH8 6TW
Tel : +44 (0)1207 581120 Fax : +44 (0)1207 581609
Email : consett@fes.co.uk. www.fes.co.uk

ADDENDUM Photographs

BH1 BOX 1

BH1 BOX 2

		Input by	Date	Checked by	Date		
			09/04/10		13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH1 BOX 3

BH1 BOX 4

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH1 BOX 5

BH1 BOX 6

		Input by	Date	Checked by	Date		
			09/04/10		13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH1 BOX 7

BH1 BOX 8

		Input by	Date	Checked by	Date		
			09/04/10		13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH1 BOX 9

BH1 BOX 10

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH2 BOX 1

BH2 BOX 2

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH2 BOX 3

BH2 BOX 4

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH2 BOX 5

BH2 BOX 6

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH2 BOX 7

BH2 BOX 8

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH2 BOX 9

BH2 BOX 10

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH2 BOX 11

BH2 BOX 12

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH2 BOX 13

BH2 BOX 14

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH2 BOX 15

BH2 BOX 16

		Input by	Date	Checked by	Date		
			09/04/10		13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH2 BOX 17

BH2 BOX 18

		Input by	Date	Checked by	Date		
			09/04/10		13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH2 BOX 19

BH2 BOX 20

		Input by	Date	Checked by	Date		
			09/04/10		13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH3 BOX 1

BH3 BOX 2

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH3 BOX 3

BH3 BOX 4

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH3 BOX 5

BH3 BOX 6

		Input by	Date	Checked by	Date		
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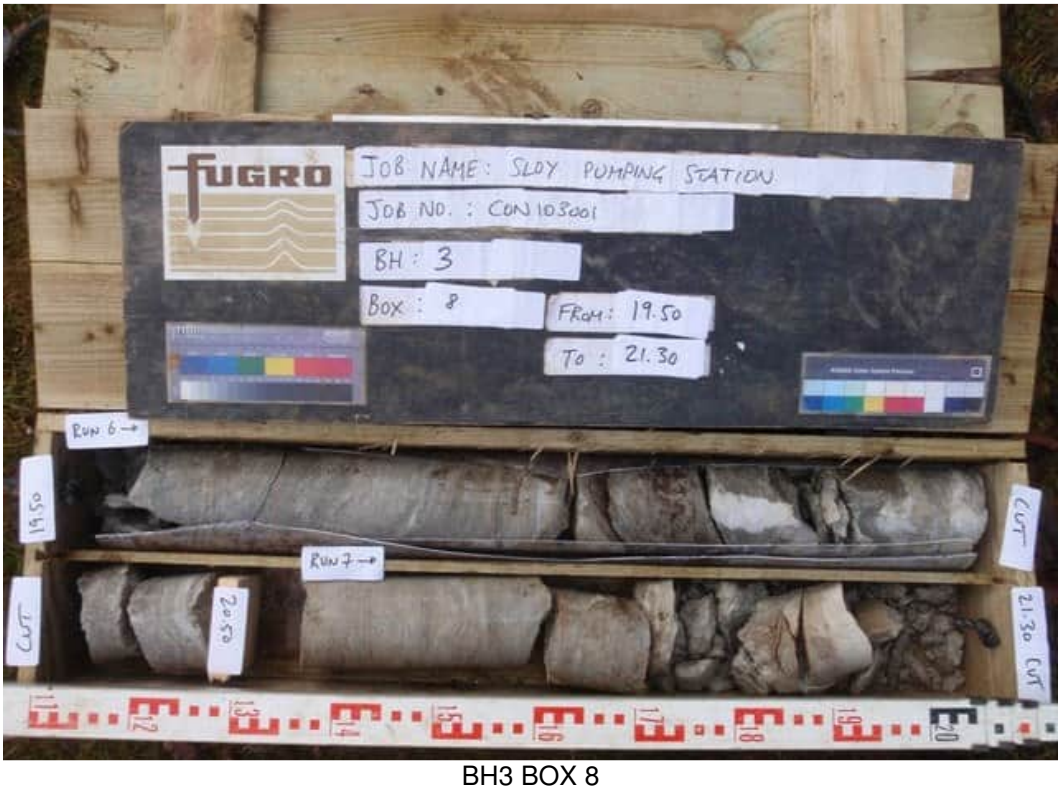
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH3 BOX 7



BH3 BOX 8

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH3 BOX 9

BH3 BOX 10

		Input by	Date	Checked by	Date		
			09/04/10		13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH3 BOX 11

BH3 BOX 12

		Input by	Date	Checked by	Date		
			09/04/10		13/04/10		
FUGRO		SLOY PUMPING STATION				Contract No CON103001	

BH3 BOX 13

BH3 BOX 14

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH3 BOX 15

BH3 BOX 16

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH4 BOX 1

BH4 BOX 2

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH4 BOX 3

BH4 BOX 4

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH4 BOX 5

BH4 BOX 6

		Input by	Date	Checked by	Date		
			09/04/10		13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH4 BOX 7

BH4 BOX 8

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH4 BOX 9

BH4 BOX 10

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH4 BOX 11

BH4 BOX 12

		Input by	Date	Checked by	Date		
			09/04/10		13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH4 BOX 13

BH4 BOX 14

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH4 BOX 15

BH4 BOX 16

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH5A BOX 1

BH5A BOX 2

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH6 BOX 1

BH6 BOX 2

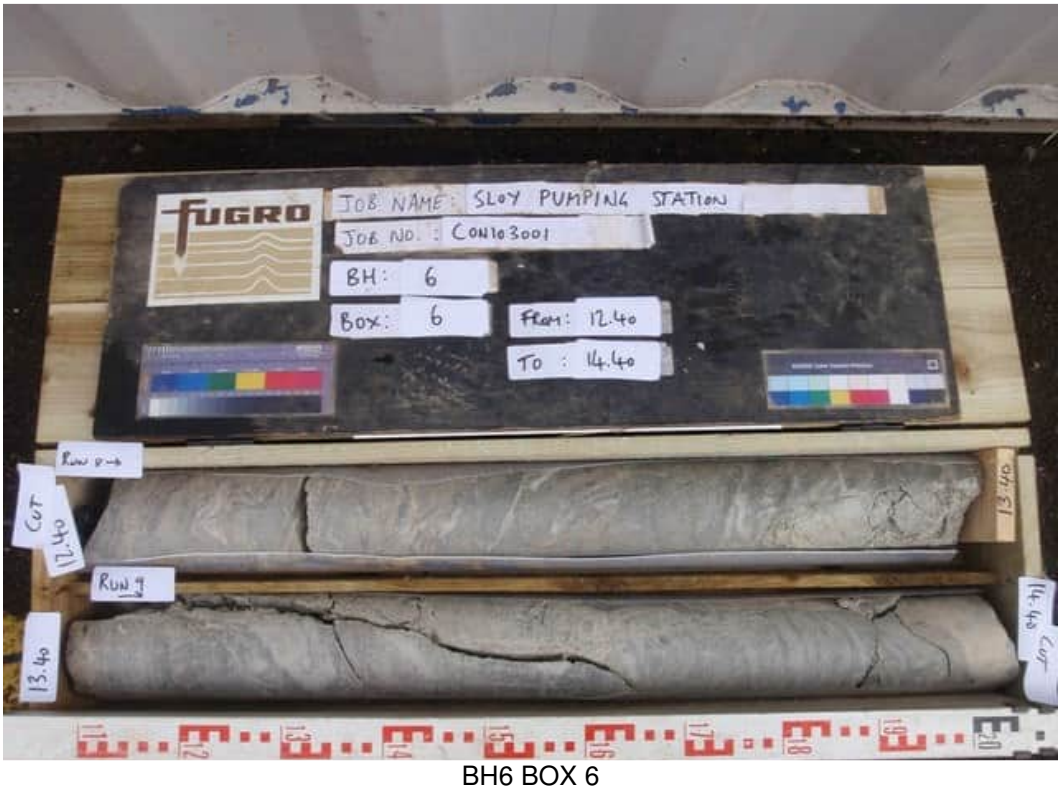
		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH6 BOX 3

BH6 BOX 4

		Input by	Date	Checked by	Date		
			09/04/10		13/04/10		
FUGRO		SLOY PUMPING STATION				Contract No CON103001	

BH6 BOX 5



BH6 BOX 6

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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH6 BOX 7

BH6 BOX 8

		Input by	Date	Checked by	Date		
			09/04/10		13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH6 BOX 9

BH6 BOX 10

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH6 BOX 11

BH6 BOX 12

		Input by	Date	Checked by	Date		
			09/04/10		13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH6 BOX 13

BH6 BOX 14

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH6 BOX 15

BH6 BOX 16

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH6 BOX 17

BH7 BOX 1

		Input by	Date	Checked by	Date		
		[redacted]	09/04/10	[redacted]	13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH7 BOX 2

BH7 BOX 3

		Input by	Date	Checked by	Date		
			09/04/10		13/04/10		
FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH7 BOX 4

BH8A BOX 1

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH8A BOX 2

BH9 BOX 1

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH9 BOX 2

BH10 BOX 1

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH11 BOX 1

BH11 BOX 2

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH12 BOX 1

BH12 BOX 2

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH12 BOX 3

BH12 BOX 4

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH12 BOX 5

BH12 BOX 6

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH12 BOX 7

BH12 BOX 8

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH12 BOX 9

BH12 BOX 10

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH12 BOX 11

BH12 BOX 12

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH12 BOX 13

BH12 BOX 14

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

BH12 BOX 15

BH12 BOX 16

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

CH01 BOX 1

CH01 BOX 2

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

TP2A

TP2A

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	

TP3

TP3

		Input by	Date	Checked by	Date		
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TP3

TP4

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TP4

TP5

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TP5

TP6

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TP6

TP6

		Input by	Date	Checked by	Date		
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FUGRO		**SLOY PUMPING STATION**				Contract No CON103001	