

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						TP05
Project	Dream Fields	Easting	271461.80	Equipment	JCB 3cx	Sheet 2 of 3
Client	Simply Planning	Northing	194894.43	Method	TP	
Project No	G25095	Level		Termination Reason	Bedrock encountered, unable to progress	



Spoil



Face B

		EXPLORATORY HOLE PHOTOGRAPHS				Exploratory Hole
						TP05
Project	Dream Fields	Easting	271461.80	Equipment	JCB 3cx	Sheet 3 of 3
Client	Simply Planning	Northing	194894.43	Method	TP	
Project No	G25095	Level		Termination Reason	Bedrock encountered, unable to progress	



Face A

Appendix III

Geoenvironmental Testing

Eurofins Chemtest Report

25-27508



Final Report

Report No.: 25-27508-1

Initial Date of Issue: 10-Sep-2025

Re-Issue Details:

Client Jackson Geo Services

Client Address: Unit B3 Fram Enterprise Centre
Parc Busnes Edwards
Llantrisant
Pontyclun
CF72 8QZ

Contact(s): Hugh Woodroffe

Project G25095 Dreamfields

Quotation No.: Q25-36940

Date Received: 21-Aug-2025

Order No.:

Date Instructed: 21-Aug-2025

No. of Samples: 6

Turnaround (Wkdays): 10

Results Due: 04-Sep-2025

Date Approved: 10-Sep-2025

Approved By:

Details: Simon Wicks, Specialist Chemist

For details about application of accreditation to specific matrix types, please refer to the Table at the back of this report

Results - Leachate

Project: G25095 Dreamfields

Client: Jackson Geo Services	Chemtest Job No.:					25-27508	25-27508	25-27508
Quotation No.: Q25-36940	Chemtest Sample ID.:					2017430	2017433	2017436
Order No.:	Client Sample Ref.:					2	2	1
	Client Sample ID.:					#20529196892 60002	#98959293769 40002	#85041686536 20001
	Client Reference:					TP01	TP03	TP04
	Sample Type:					SOIL	SOIL	SOIL
	Top Depth (m):					1.30	0.60	0.30
	Bottom Depth (m):					1.80	1.00	0.70
	Date Sampled:					19-Aug-2025	19-Aug-2025	19-Aug-2025
	Time Sampled:					9:11	11:04	12:25
Determinand	Accred.	SOP	Type	Units	LOD			
Cyanide (Total)	U	1300	10:1	mg/l	0.050	< 0.050	< 0.050	< 0.050
Arsenic (Dissolved)	U	1455	10:1	µg/l	0.20	0.38	0.33	< 0.20
Cadmium (Dissolved)	U	1455	10:1	µg/l	0.11	< 0.11	< 0.11	< 0.11
Chromium (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50
Mercury (Dissolved)	U	1455	10:1	µg/l	0.05	< 0.05	< 0.05	< 0.05
Nickel (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	0.61	< 0.50
Lead (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50
Selenium (Dissolved)	U	1455	10:1	µg/l	0.50	< 0.50	< 0.50	< 0.50
Zinc (Dissolved)	U	1455	10:1	µg/l	2.5	3.5	10	7.0
Chromium (Hexavalent)	U	1490	10:1	µg/l	20	< 20	< 20	< 20

Results - Soil

Project: G25095 Dreamfields

Client: Jackson Geo Services		Chemtest Job No.:	25-27508	25-27508	25-27508	25-27508	25-27508	25-27508
Quotation No.: Q25-36940		Chemtest Sample ID.:	2017430	2017431	2017433	2017436	2017438	2017441
Order No.:		Client Sample Ref.:	2	1	2	1	3	1
		Client Sample ID.:	#20529196892	#29730269497	#98959293769	#85041686536	#85041686536	#32270963842
		Client Reference:	60002	00001	40002	20001	20003	20001
		Sample Type:	TP01	TP02	TP03	TP04	TP04	TP05
		Top Depth (m):	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Bottom Depth (m):	1.30	0.00	0.60	0.30	1.80	0.20
		Date Sampled:	1.80	0.35	1.00	0.70	2.00	0.60
		Time Sampled:	19-Aug-2025	19-Aug-2025	19-Aug-2025	19-Aug-2025	19-Aug-2025	19-Aug-2025
		Asbestos Lab:	9:11	10:08	11:04	12:25	12:25	13:16
			DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD			
ACM Type		N	2192		N/A	-	-	-
Asbestos Identification		U	2192		N/A	No Asbestos Detected	No Asbestos Detected	No Asbestos Detected
Moisture		N	2030	%	0.020	7.3	5.0	8.1
Soil Colour		N	2030		N/A	Brown	Brown	Brown
Other Material		N	2030		N/A	Stones and Roots	Stones and Roots	Stones and Roots
Soil Texture		N	2030		N/A	Sand	Loam	Clay
pH at 20C		M	2010		4.0	8.0	7.1	7.5
Sulphate (2.1 water soluble) as SO ₄		M	2120	g/l	0.010	< 0.010	0.025	< 0.010
Cyanide (Total)		M	2300	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Arsenic		M	2455	mg/kg	0.5	13	39	4.2
Cadmium		M	2455	mg/kg	0.10	< 0.10	1.0	< 0.10
Chromium		M	2455	mg/kg	0.5	13	7.4	4.9
Mercury		M	2455	mg/kg	0.05	0.05	0.05	< 0.05
Nickel		M	2455	mg/kg	0.50	24	11	11
Lead		M	2455	mg/kg	0.50	16	43	5.2
Selenium		M	2455	mg/kg	0.25	< 0.25	< 0.25	< 0.25
Zinc		M	2455	mg/kg	0.50	76	120	30
Chromium (Hexavalent)		N	2490	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Aliphatic VPH >C5-C6	HS 2D AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C7	HS 2D AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C7-C8	HS 2D AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05
Aliphatic VPH >C6-C8 (Sum)	HS 2D AL	N	2780	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Aliphatic VPH >C8-C10	HS 2D AL	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05
Total Aliphatic VPH >C5-C10	HS 2D AL	U	2780	mg/kg	0.25	< 0.25	< 0.25	< 0.25
Aliphatic EPH >C10-C12 MC	EH 2D AL #1	M	2690	mg/kg	2.00	< 2.0	< 2.0	< 2.0
Aliphatic EPH >C12-C16 MC	EH 2D AL #1	M	2690	mg/kg	1.00	< 1.0	< 1.0	< 1.0
Aliphatic EPH >C16-C21 MC	EH 2D AL #1	M	2690	mg/kg	2.00	< 2.0	< 2.0	< 2.0
Aliphatic EPH >C21-C35 MC	EH 2D AL #1	M	2690	mg/kg	3.00	12	26	< 3.0
Aliphatic EPH >C35-C40 MC	EH 2D AL #1	N	2690	mg/kg	10.00	< 10	< 10	< 10
Total Aliphatic EPH >C10-C35 MC	EH 2D AL #1	M	2690	mg/kg	5.00	12	30	< 5.0
Total Aliphatic EPH >C10-C40 MC	EH 2D AL #1	N	2690	mg/kg	10.00	12	30	< 10
Aromatic VPH >C5-C7	HS 2D AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C7-C8	HS 2D AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05
Aromatic VPH >C8-C10	HS 2D AR	U	2780	mg/kg	0.05	< 0.05	< 0.05	< 0.05

Results - Soil

Project: G25095 Dreamfields

Client: Jackson Geo Services		Chemtest Job No.:	25-27508	25-27508	25-27508	25-27508	25-27508	25-27508
Quotation No.: Q25-36940		Chemtest Sample ID.:	2017430	2017431	2017433	2017436	2017438	2017441
Order No.:		Client Sample Ref.:	2	1	2	1	3	1
		Client Sample ID.:	#20529196892	#29730269497	#98959293769	#85041686536	#85041686536	#32270963842
		Client Reference:	60002	00001	40002	20001	20003	20001
		Sample Type:	TP01	TP02	TP03	TP04	TP04	TP05
		Top Depth (m):	SOIL	SOIL	SOIL	SOIL	SOIL	SOIL
		Bottom Depth (m):	1.30	0.00	0.60	0.30	1.80	0.20
		Date Sampled:	1.80	0.35	1.00	0.70	2.00	0.60
		Time Sampled:	19-Aug-2025	19-Aug-2025	19-Aug-2025	19-Aug-2025	19-Aug-2025	19-Aug-2025
		Asbestos Lab:	9:11	10:08	11:04	12:25	12:25	13:16
			DURHAM	DURHAM	DURHAM	DURHAM	DURHAM	DURHAM
Determinand	HWOL Code	Accred.	SOP	Units	LOD			
Total Aromatic VPH >C5-C10	HS 2D AR	U	2780	mg/kg	0.25	< 0.25	< 0.25	< 0.25
Aromatic EPH >C10-C12 MC	EH 2D AR #1	U	2690	mg/kg	1.00	< 1.0	< 1.0	< 1.0
Aromatic EPH >C12-C16 MC	EH 2D AR #1	U	2690	mg/kg	1.00	< 1.0	< 1.0	< 1.0
Aromatic EPH >C16-C21 MC	EH 2D AR #1	U	2690	mg/kg	2.00	< 2.0	< 2.0	< 2.0
Aromatic EPH >C21-C35 MC	EH 2D AR #1	U	2690	mg/kg	2.00	3.3	7.0	< 2.0
Aromatic EPH >C35-C40 MC	EH 2D AR #1	N	2690	mg/kg	1.00	< 1.0	1.8	< 1.0
Total Aromatic EPH >C10-C35 MC	EH 2D AR #1	U	2690	mg/kg	5.00	< 5.0	7.5	< 5.0
Total Aromatic EPH >C10-C40 MC	EH 2D AR #1	N	2690	mg/kg	10.00	< 10	< 10	< 10
Total VPH >C5-C10	HS 2D Total	U	2780	mg/kg	0.50	< 0.50	< 0.50	< 0.50
Total EPH >C10-C35 MC	EH 2D Total #1	U	2690	mg/kg	10.00	16	37	< 10
Total EPH >C10-C40 MC	EH 2D Total #1	N	2690	mg/kg	10.00	16	39	< 10
Naphthalene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Acenaphthylene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Acenaphthene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Fluorene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Phenanthrene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Anthracene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Fluoranthene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Pyrene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Benzo[a]anthracene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Chrysene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Benzo[a]pyrene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene		M	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10
Total Of 16 PAH's		M	2700	mg/kg	2.0	< 2.0	< 2.0	< 2.0
Total Phenols		M	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10

Test Methods

SOP	Title	Parameters included	Method summary	Water Accred.
1300	Cyanides & Thiocyanate in Waters	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Continuous Flow Analysis.	
1455	Metals in Waters by ICP-MS	Metals, including: Antimony; Arsenic; Barium; Beryllium; Boron; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Tin; Vanadium; Zinc	Filtration of samples followed by direct determination by inductively coupled plasma mass spectrometry (ICP-MS).	RE PW PL SW DW GW
1490	Hexavalent Chromium in Waters	Chromium [VI]	Automated colorimetric analysis by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.	PL GW
2010	pH Value of Soils	pH at 20°C	pH Meter	
2030	Moisture and Stone Content of Soils(Requirement of MCERTS)	Moisture content	Determination of moisture content of soil as a percentage of its as received mass obtained at <30°C.	
2120	Water Soluble Boron, Sulphate, Magnesium & Chromium	Boron; Sulphate; Magnesium; Chromium	Aqueous extraction / ICP-OES	
2192	Asbestos Quantification in Soils Sediments Ballast & Aggregate Crushed Concrete & Demolition Rubble	Asbestos	Polarised light microscopy / Gravimetry	
2300	Cyanides & Thiocyanate in Soils	Free (or easy liberatable) Cyanide; total Cyanide; complex Cyanide; Thiocyanate	Alkaline extraction followed by colorimetric determination using Automated Flow Injection Analyser.	
2455	Acid Soluble Metals in Soils	Metals, including: Arsenic; Barium; Beryllium; Cadmium; Chromium; Cobalt; Copper; Lead; Manganese; Mercury; Molybdenum; Nickel; Selenium; Vanadium; Zinc	Acid digestion followed by determination of metals in extract by ICP-MS.	
2490	Hexavalent Chromium in Soils	Chromium [VI]	Soil extracts are prepared by extracting dried and ground soil samples into boiling water. Chromium [VI] is determined by 'Aquakem 600' Discrete Analyser using 1,5-diphenylcarbazide.	
2690	EPH A/A Split	Aliphatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40 Aromatics: >C10–C12, >C12–C16, >C16–C21, >C21– C35, >C35– C40	Acetone/Heptane extraction / GCxGC FID detection	
2700	Speciated Polynuclear Aromatic Hydrocarbons (PAH) in Soil by GC-FID	Acenaphthene; Acenaphthylene; Anthracene; Benzo[a]Anthracene; Benzo[a]Pyrene; Benzo[b]Fluoranthene; Benzo[ghi]Perylene; Benzo[k]Fluoranthene; Chrysene; Dibenzo[ah]Anthracene; Fluoranthene; Fluorene; Indeno[123cd]Pyrene; Naphthalene; Phenanthrene; Pyrene	Dichloromethane extraction / GC-FID (GC-FID detection is non-selective and can be subject to interference from co-eluting compounds)	
2780	VPH A/A Split	Aliphatics: >C5–C6, >C6–C7,>C7–C8,>C8-C10 Aromatics: >C5–C7,>C7-C8,>C8–C10	Water extraction / Headspace GCxGC FID detection	
2920	Phenols in Soils by HPLC	Phenolic compounds including Resorcinol, Phenol, Methylphenols, Dimethylphenols, 1-Naphthol and TrimethylphenolsNote: chlorophenols are excluded.	60:40 methanol/water mixture extraction, followed by HPLC determination using electrochemical detection.	
640	Characterisation of Waste (Leaching C10)	Waste material including soil, sludges and granular waste	ComplianceTest for Leaching of Granular Waste Material and Sludge	

Report Information

Key

U	UKAS accredited
M	MCERTS and UKAS accredited
N	Unaccredited
S	This analysis has been subcontracted to a UKAS accredited laboratory that is accredited for this analysis
SN	This analysis has been subcontracted to a UKAS accredited laboratory that is not accredited for this analysis
T	This analysis has been subcontracted to an unaccredited laboratory
I/S	Insufficient Sample
U/S	Unsuitable Sample
N/E	not evaluated
<	"less than"
>	"greater than"
SOP	Standard operating procedure
LOD	Limit of detection

Text example All items indicated in italic font represent customer-supplied information that may not be independently verified by the laboratory

This report shall not be reproduced except in full, and only with the prior approval of the laboratory.

Any comments or interpretations are outside the scope of UKAS accreditation.

The Laboratory is not accredited for any sampling activities and reported results relate to the samples 'as received' at the laboratory.

Uncertainty of measurement for the determinands tested are available upon request .

None of the results in this report have been recovery corrected.

All results are expressed on a dry weight basis.

The following tests were analysed on samples 'as received' and the results subsequently corrected to a dry weight basis EPH, VPH, TPH, BTEX, VOCs, SVOCs, PCBs, Phenols.

For all other tests the samples were dried at $\leq 30^{\circ}\text{C}$ prior to analysis.

All Asbestos testing is performed at the indicated laboratory .

Issue numbers are sequential starting with 1 all subsequent reports are incremented by 1.

NEW_ASB Eurofins Chemtest Limited, 11 Depot Road, Newmarket, CB8 0AL

DURHAM Eurofins Chemtest Limited, Unit A North Wing, Prospect Business Park, Crookhall Lane, Consett, Co Durham, DH8 7PW

Sample Deviation Codes

As a result of any of the below deviations applying, the test results may be unreliable

A - Date of sampling not supplied

B - Sample age exceeds stability time (sampling to extraction)

C - Sample not received in appropriate containers

D - Broken Container

E - The required amount of sample for analysis was not received

H - Appropriate cooling measures were not taken for sample transportation

Sample Retention and Disposal

All soil samples will be retained for a period of 30 days from the date of receipt.

All water samples will be retained for 14 days from the date of receipt.

Charges may apply to extended sample storage.

Report Information

Water Sample Category Key for Accreditation

DW - Drinking Water (Non-Regulatory)
GW - Ground Water
LE - Land Leachate
NA - Not Applicable
PL - Prepared Leachate
PW - Processed Water
RE - Recreational Water
SA - Saline Water
SW - Surface Water
TE - Treated Effluent
TS - Treated Sewage
UL - Unspecified Liquid

Clean Up Codes

NC - No Clean Up
MC - Mathematical Clean Up
FC - Florisil Clean Up

HWOL Acronym System

HS - Headspace analysis
EH - Extractable hydrocarbons – i.e. everything extracted by the solvent
CU - Clean-up – e.g. by Florisil, silica gel
1D - GC – Single coil gas chromatography
Total - Aliphatics & Aromatics
AL - Aliphatics only
AR - Aromatic only
2D - GC-GC – Double coil gas chromatography
#1 - EH_2D_Total but with humics mathematically subtracted
#2 - EH_2D_Total but with fatty acids mathematically subtracted
+ - Operator to indicate cumulative e.g. EH+EH_Total or EH_CU+HS_Total

Asbestos Tests LOD = LOQ

Limit of Detection = Limit of Quantification for asbestos results only

If you require extended retention of samples, please email your requirements to:
customerservices@chemtest.com

Appendix IV

Assessment Vs GACs and EQS

Assessment of Soils Vs GACs

Assessment of Leachates Vs EQS

GENERIC ASSESSMENT CRITERIA - COMMERCIAL

Project: G25095 Dream Fields						
Client: Jackson Geo Services		Chemtest Job No.:	25-27508	25-27508	25-27508	25-27508
		Chemtest Sample ID.:	2017430	2017431	2017433	2017436
		Client Sample Ref.:	2	1	2	1
		Sample Location:	TP01	TP02	TP03	TP04
		Sample Type:	SOIL	SOIL	SOIL	SOIL
		Top Depth (m):	1.30	0.00	0.60	0.30
		Bottom Depth (m):	1.80	0.35	1.00	0.70
		Date Sampled:	19-Aug-2025	19-Aug-2025	19-Aug-2025	19-Aug-2025
		Asbestos Lab:	Durham	Durham	Durham	Durham
Determinand	Accred.	SOP	Units	LOD		
ACM Type	U	2192		N/A	-	-
Asbestos Identification	U	2192		N/A	No Asbestos Detected	No Asbestos Detected
Asbestos by Gravimetry	U	2192	%	0.001		
Total Asbestos	U	2192	%	0.001		
Moisture	N	2030	%	0.020	7.3	5.0
pH	U	2010		4.0	8.0	7.1
Cyanide (Free)	U	2300	mg/kg	0.50	< 0.50	< 0.50
Arsenic	U	2450	mg/kg	1.0	13	39
Cadmium	U	2450	mg/kg	0.10	< 0.10	< 0.10
Chromium	U	2450	mg/kg	1.0	13	7.4
Mercury	U	2450	mg/kg	0.10	0.05	< 0.05
Nickel	U	2450	mg/kg	0.50	24	11
Lead	U	2450	mg/kg	0.50	16	43
Selenium	U	2450	mg/kg	0.20	< 0.25	< 0.25
Zinc	U	2450	mg/kg	0.50	76	120
Chromium (Hexavalent)	N	2490	mg/kg	0.50	< 0.50	< 0.50
Aliphatic TPH >C5-C6	N	2680	mg/kg	1.0	< 0.05	< 0.05
Aliphatic TPH >C6-C8	N	2680	mg/kg	1.0	< 0.10	< 0.10
Aliphatic TPH >C8-C10	U	2680	mg/kg	1.0	< 0.05	< 0.05
Aliphatic TPH >C10-C12	U	2680	mg/kg	1.0	< 2.0	< 2.0
Aliphatic TPH >C12-C16	U	2680	mg/kg	1.0	< 1.0	< 1.0
Aliphatic TPH >C16-C21	U	2680	mg/kg	1.0	< 2.0	< 2.0
Aliphatic TPH >C21-C35	U	2680	mg/kg	1.0	12	26
Aliphatic TPH >C35-C44	N	2680	mg/kg	1.0	< 10	< 10
Total Aliphatic Hydrocarbons	N	2680	mg/kg	5.0	12	30
Aromatic TPH >C5-C7	N	2680	mg/kg	1.0	< 0.05	< 0.05
Aromatic TPH >C7-C8	N	2680	mg/kg	1.0	< 0.05	< 0.05
Aromatic TPH >C8-C10	U	2680	mg/kg	1.0	< 0.05	< 0.05
Aromatic TPH >C10-C12	U	2680	mg/kg	1.0	< 1.0	< 1.0
Aromatic TPH >C12-C16	U	2680	mg/kg	1.0	< 1.0	< 1.0
Aromatic TPH >C16-C21	U	2680	mg/kg	1.0	< 2.0	< 2.0
Aromatic TPH >C21-C35	U	2680	mg/kg	1.0	3.3	7.0
Aromatic TPH >C35-C44	N	2680	mg/kg	1.0	< 1.0	< 1.0
Total Aromatic Hydrocarbons	N	2680	mg/kg	5.0	< 10	< 10
Total Petroleum Hydrocarbons	N	2680	mg/kg	10.0	16	39
Naphthalene	U	2700	mg/kg	0.10	< 0.10	< 0.10
Acenaphthylene	U	2700	mg/kg	0.10	< 0.10	< 0.10
Acenaphthene	U	2700	mg/kg	0.10	< 0.10	< 0.10
Fluorene	U	2700	mg/kg	0.10	< 0.10	< 0.10
Phenanthrene	U	2700	mg/kg	0.10	< 0.10	< 0.10
Anthracene	U	2700	mg/kg	0.10	< 0.10	< 0.10
Fluoranthene	U	2700	mg/kg	0.10	< 0.10	< 0.10
Pyrene	U	2700	mg/kg	0.10	< 0.10	< 0.10
Benzo anthracene	U	2700	mg/kg	0.10	< 0.10	< 0.10

Evaluation
Comm

SOM
1%

Select From Drop Down Above

Determinand	GAC
-------------	-----

	SOM (%)			Exceedances
	1	2.5	6	
Arsenic	640.00	640.00	640.00	0
Cadmium	190.00	190.00	190.00	0
Chromium	8600.00	8600.00	8600.00	0
Elemental Mercury	58.00	58.00	58.00	0
Nickel	980.00	980.00	980.00	0
Lead	2300.00	2300.00	2300.00	0
Selenium	12000.00	12000.00	12000.00	0
Zinc	730000.00	730000.00	730000.00	0
Chromium (VI)	33.00	33.00	33.00	#REF!
Aliphatic EC 5-6	3200	5900	12000	0
Aliphatic EC >6-8	7800	17000	40000	0
Aliphatic EC >8-10	2000	4800	11000	0
Aliphatic EC >10-12	9700	23000	47000	0
Aliphatic EC >12-16	59000	82000	90000	0
Aliphatic EC >16-35	1600000	1700000	1800000	0
	1600000	1700000	1800000	0
Aliphatic EC >35-44	1600000	1700000	1800000	0
Aromatic EC 5-7	26000	46000	86000	0
Aromatic EC >7-8	56000	110000	180000	0
Aromatic EC >8-10	3500	8100	17000	0
Aromatic EC >10-12	16000	28000	34000	0
Aromatic EC >12-16	36000	37000	38000	0
Aromatic EC >16-21	28000	28000	28000	0
Aromatic EC >21-35	28000	28000	28000	0
Aromatic EC >35-44	28000	28000	28000	0
Naphthalene	190	460	1100	0
Acenaphthylene	83000	97000	100000	0
Acenaphthene	84000	97000	100000	0
Flourene	63000	68000	71000	0
Phenanthrene	22000	22000	23000	0
Anthracene	520000	540000	540000	0
Flouranthene	23000	23000	23000	0
Pyrene	54000	54000	54000	0
Benzo(a)anthracene	170	170	180	0

GENERIC ASSESSMENT CRITERIA - COMMERCIAL

Chrysene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[b]fluoranthene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[k]fluoranthene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo pyrene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Indeno(1,2,3-c,d)Pyrene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Dibenz(a,h)Anthracene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Benzo[g,h,i]perylene	U	2700	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10
Total Phenols	U	2920	mg/kg	0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10	< 0.10

Chrysene	350	350	350	0
Benzo(b)flouranthene	44	44	45	0
Benzo(k)flouranthene	1200	1200	1200	0
Benzo(a)pyrene	35	35	36	0
Indeno(1,2,3-c,d)pyrene	500	510	510	0
Dibenzo(a,h)anthracene	3.5	3.6	3.6	0
Benzo(g,h,i)perylene	3900	4000	4000	0
Phenol	760	1500	3200	0

GENERIC ASSESSMENT CRITERIA - COMMERCIAL

Project: G25095 Dream Fields

Client: Jackson Geo Services	Chemtest Job No.:				25-27508	25-27508	25-27508	
	Chemtest Sample ID.:				2017430	2017433	2017436	
	Client Sample Ref.:				2	2	1	
	Sample Location:				TP01	TP03	TP04	
	Sample Type:				SOIL	SOIL	SOIL	
	Top Depth (m):				1.30	0.60	0.30	
	Bottom Depth (m):				1.80	1.00	0.70	
Determinand	Accred.	SOP	Type	Units				EQS (ug/l)
Cyanide (Free)	U	1300	10:1	mg/l	< 0.050	< 0.050	< 0.050	1
Arsenic (Dissolved)	U	1455	10:1	µg/l	0.38	0.33	< 0.20	50
Cadmium (Dissolved)	U	1455	10:1	µg/l	< 0.11	< 0.11	< 0.11	1.50
Chromium (Dissolved)	U	1455	10:1	µg/l	< 0.50	< 0.50	< 0.50	5.00
Copper (Dissolved)	U	1455	10:1	µg/l	< 0.05	< 0.05	< 0.05	NA
Mercury (Dissolved)	U	1455	10:1	µg/l	< 0.50	0.61	< 0.50	0.07
Nickel (Dissolved)	U	1455	10:1	µg/l	< 0.50	< 0.50	< 0.50	34.00
Lead (Dissolved)	U	1455	10:1	µg/l	< 0.50	< 0.50	< 0.50	14.00
Zinc (Dissolved)	U	1455	10:1	µg/l	3.5	10	7.0	NA
Chromium (Hexavalent)	U	1490	10:1	µg/l	< 20	< 20	< 20	3.40