

C₁₀ to C₄₀ Hydrocarbons

Job Number : 03/04011/02/01

Client : Geotechnical Eng. Ltd

Ref : 14444

Sample Type: WATER

Units : $\mu\text{g/l}$ [illegible]

ALcontrol Geochem

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Method :		PAH by GCMS						
Sample Type :		SOIL	SOIL	SOIL	SOIL	SOIL	SOIL	WATER
Units :		µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	ng/l
Depth :		1.0	0.60	0.25	0.80	0.50	3.10	
Sample Identity :		BH2	WS02	WS03	WS03	WS05	BH3	
Sample Number :		23	101	117	121	150	169	
CAS N°	Compound	Conc	Conc	Conc	Conc	Conc	Conc	Conc
91-20-3	Naphthalene	12079	2877	696	524	4215	237	
208-96-8	Acenaphthylene	1402	123	27	11	1328	<10	
83-32-9	Acenaphthene	6460	1185	231	83	2161	35	
86-73-7	Fluorene	8009	827	164	69	2859	38	
85-01-8	Phenanthrene	19957	3876	296	169	41526	149	
120-12-7	Anthracene	6133	1158	67	17	15320	25	
206-44-0	Fluoranthene	12749	6627	177	45	98032	46	
129-00-0	Pyrene	9370	5367	160	35	109396	40	
56-55-3	Benz(a)anthracene	6015	3878	119	24	66034	56	
218-01-9	Chrysene	4910	2774	122	54	59962	18	
205-99-2	Benzo(b)fluoranthene	4835	3387	178	33	85507	<10	
207-08-9	Benzo(k)fluoranthene	2177	1361	68	20	10710	10	
50-32-8	Benzo(a)pyrene	4072	2714	72	12	60241	<10	
193-39-5	Indeno(123cd)pyrene	1590	1408	46	8	23598	<10	
53-70-3	Dibenzo(ah)anthracene	649	455	11	7	10056	<10	
191-24-2	Benzo(ghi)perylene	1931	1722	46	18	28490	<10	
Total 16 PAH		102335	39741	2479	1129	619436	655	

ALcontrol Geochem Analytical Services

Extractable Petroleum Hydrocarbon

Standard Carbon Banding

By

GC-FID

Job No: 03/4011/02/01

Client: GEOTEC

Matrix: Soil

Units: mg/kg

Sample No	Sample Ref	Depth m/ft	C10 - C20 mg/kg	C20 - C30 mg/kg	C30 - C40 mg/kg	Total EPH mg/kg
023	BH2	1	447	746	298	1491
101	WS02	0.6	79	473	237	789
150	WS05	0.5	2141	3569	1428	7138

APPENDIX C

ESG Report F6054-16