

Table 1
Soil Samples Analytical Summary
Siana Oil and Gas, Newkumet Federal #1
Lea County, New Mexico

Boring	Depth Feet BGS	Date	Chloride mg/Kg	Benzene mg/kg	Toluene mg/kg	Ethylbenzene mg/kg	Xylene mg/kg	GRO mg/Kg	DRO mg/Kg	Oil mg/Kg	Total TPH mg/Kg
RRAL:											5,000
SS-1	0 - 1	6/7/2016	122	<0.532	<1.06	<0.532	<1.06	1,710	18,800	2,190	22,700
	1 - 2	6/7/2016	112	0.335	1.84	<0.284	12.49	1,740	8,500	1,000	11,240
	2 - 3	6/7/2016	345	<0.110	1.22	<0.110	14.87	2,020	9,720	1,190	12,930
	5 - 6	6/7/2016	121	<0.00110	0.00	0.0241	0.17	293	2,070	232	2,595
	10 - 11	6/7/2016	10,600	<0.00118	<0.00235	<0.00118	<0.00235	<29.4	<29.4	<29.4	<29.4
SS-2	0 - 1	6/7/2016	50	<0.568	<1.14	<0.568	58.42	1,020	9,720	1,750	12,490
	1 - 2	6/7/2016	29	0.783	2.38	8.9100	21.21	2,610	6,380	1,240	10,230
	2 - 3	6/7/2016	11	<0.106	<0.213	<0.106	0.18	28	430	67	525
	5 - 6	6/7/2016	99	<0.301	<0.602	<0.301	0.85	435	2,950	569	3,954
	10 - 11	6/7/2016	786	<0.00112	<0.00225	<0.00112	0.00156	<28.1	458	99	557
SS-3	0 - 1	6/7/2016	1,120	<0.543	<1.09	<0.543	5.07	1,090	8,760	1,970	11,820
	1 - 2	6/7/2016	249	<0.108	>0.215	<0.108	0.26	176	1,820	450	2,446
	2 - 3	6/7/2016	201	<0.00111	<0.00222	<0.00111	0.00	<27.8	42	<27.8	42
	5 - 6	6/7/2016	217	<0.00114	<0.00227	<0.00114	0.01	98	934	189	1,221
	10 - 11	6/7/2016	117	<0.00120	<0.00241	<0.00120	0.00443	53	726	111	890
SS-4	0 - 1	6/7/2016	183	<0.00110	<0.00220	<0.00110	0.02	<27.5	1,540	565	2,105
	1 - 2	6/7/2016	221	<0.00115	<0.00230	<0.00115	<0.00230	<28.7	555	131	686
	2 - 3	6/7/2016	435	<0.00110	<0.00220	0.0024	0.01	31	520	181	732
	5 - 6	6/7/2016	404	<0.00112	<0.00225	<0.00112	<0.00225	31	741	164	936
	10 - 11	6/7/2016	66	<0.00110	<0.00220	<0.00110	<0.00220	<27.5	32	<27.5	32
SS-5	0 - 1	6/7/2016	1,130	<0.00109	<0.00217	<0.00109	<0.00217	<27.2	956	274	1,230
	1 - 2	6/7/2016	1,980	<0.00106	<0.00213	<0.00106	<0.00213	<26.6	61	<26.6	61
	2 - 3	6/7/2016	102	<0.00115	<0.00230	<0.00115	<0.00230	<28.7	<28.7	<28.7	<28.7
	5 - 6	6/7/2016	3,610	<0.00108	<0.00215	<0.00108	<0.00215	<26.9	1,220	253	1,473
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SS-6	0 - 1	6/7/2016	4,340	<0.104	<0.208	<0.104	<0.208	564	15,000	2,030	17,594
	1 - 2	6/7/2016	5,700	<0.105	<0.211	<0.105	4.04	284	8,180	1,290	9,754
	2 - 3	6/7/2016	5,070	<0.00108	<0.00215	<0.00108	<0.00215	41	858	207	1,106
	5 - 6	6/7/2016	12,300	<0.00116	<0.00233	<0.00116	<0.00233	<29.1	235	56	291
	10 - 11	6/7/2016	--	--	--	--	--	--	--	--	--

Notes: Analysis performed by Permian Basin Environmental Lab, Midland, Texas
Samples analyzed via EPA method SW-8015M (TPH) and SW-300 (chloride).
Depth measurements are in feet below ground surface (bgs).
All concentrations are in milligrams per kilogram (mg/Kg) equivalent to parts per million (ppm).