

Table 1
Soil Samples Analytical Summary
Siana Oil and Gas, Blue Dunn #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	6/8/2016	1,410	<0.106	<0.213	<0.106	<0.213	1,010	30,600	4,920	36,530
	1 - 2	6/8/2016	1,210	<0.109	<0.217	<0.109	<0.217	281	15,700	3,050	19,031
	2 - 3	6/8/2016	1,090	<0.106	<0.213	<0.106	0.40	303	10,700	1,940	12,943
	5 - 6	6/8/2016	--	--	--	--	--	--	--	--	--
	10 - 11	6/8/2016	--	--	--	--	--	--	--	--	--
SS-2	0 - 1	6/8/2016	194	<0.110	<0.220	<0.110	<0.220	<137	4,840	1,020	5,860
	1 - 2	6/8/2016	748	<0.110	<0.220	0.3000	0.61	566	11,000	1,600	13,166
	2 - 3	6/8/2016	676	<0.0220	<0.0440	0.6230	1.09	671	13,300	2,760	16,731
	5 - 6	6/8/2016	--	--	--	--	--	--	--	--	--
	10 - 11	6/8/2016	--	--	--	--	--	--	--	--	--
SS-3	0 - 1	6/8/2016	1,530	0.136	1.22	2.6400	10.22	4,260	41,100	8,210	53,570
	1 - 2	6/8/2016	31	<0.0208	<0.0417	<0.0208	4.44	<130	2,720	670	3,390
	2 - 3	6/8/2016	187	<0.0208	<0.0417	<0.0208	0.43	221	3,550	756	4,527
	5 - 6	6/8/2016	--	--	--	--	--	--	--	--	--
	10 - 11	6/8/2016	--	--	--	--	--	--	--	--	--
SS-4	0 - 1	6/8/2016	40	<0.0206	<0.0412	0.5320	0.84	636	15,400	3,000	19,036
	1 - 2	6/8/2016	109	<0.0211	0.05	0.5000	1.98	489	13,500	3,110	17,099
	2 - 3	6/8/2016	90	<0.0206	<0.0412	0.1060	0.47	269	8,290	1,630	10,189
	5 - 6	6/8/2016	--	--	--	--	--	--	--	--	--
	10 - 11	6/8/2016	--	--	--	--	--	--	--	--	--
SS-5	0 - 1	6/8/2016	386	<0.0227	<0.0455	<0.0227	<0.0455	<142	8,150	1,850	10,000
	1 - 2	6/8/2016	875	<0.00112	<0.00225	<0.00112	<0.00225	<140	4,220	1,030	5,250
	2 - 3	6/8/2016	907	<0.0225	0.25	0.8550	4.79	1,850	26,400	3,700	31,950
	5 - 6	6/8/2016	--	--	--	--	--	--	--	--	--
	10 - 11	6/8/2016	--	--	--	--	--	--	--	--	--
SS-6	0 - 1	6/8/2016	2,360	<0.0217	0.24	0.7780	12.70	2,300	13,400	1,840	17,540
	1 - 2	6/8/2016	1,600	<0.0217	0.14	1.0400	15.60	3,180	14,500	2,060	19,740
	2 - 3	6/8/2016	1,320	<0.0217	0.49	1.3400	16.36	2,510	10,200	1,400	14,110
	5 - 6	6/8/2016	--	--	--	--	--	--	--	--	--
	10 - 11	6/8/2016	--	--	--	--	--	--	--	--	--

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).