

**TABLE 1**  
**Maralex Resources, Inc. Location: Roan Creek Fed 25-3**  
**Reported Laboratory Results Representing:**  
**#B1304160**

	Laboratory Sample No.		B1304160	B1304160	COGCC
	Sample Date		04/25/2013	04/25/2013	Standards
	Sample Time		10:12 AM	10:40 AM	Table 910-1
	Sample Name		Calcium Chloride Pit	Separator Pit	
Parameter	Method	Units	Result		
<b>Total Metals</b>	Metals, Total - EPA SW846	mg/Kg		C	
Arsenic	SW6020	mg/Kg	0.9	0.8	0.39 mg/Kg
Barium	SW6020	mg/Kg	442	1,200	15,000 mg/Kg
Boron	SW6010B	mg/Kg	<b>13.6 D</b>	<b>9.7 D</b>	2 mg/L
Cadmium	SW6020	mg/Kg	0.26	0.29	70 mg/Kg
Chromium	SW6010B	mg/Kg	10.4 D	5.7 D	N/A
Copper	SW6020	mg/Kg	8.9	8.4	3,100 mg/Kg
Lead	SW6010B	mg/Kg	12 D	14 D	400 mg/Kg
Nickel	SW6020	mg/Kg	7.39	5.6 D	1,600 mg/Kg
Selenium	SW6020	mg/Kg	<2	<0.2	390 mg/Kg
Silver	SW6020	mg/Kg	<0.05	0.06	390 mg/Kg
Zinc	SW6020	mg/Kg	44	42	23,000 mg/Kg
<b>Mercury</b>	SW7471A - Mercury in Solid or Semisolid Waste by CVAA	mg/Kg	0.069	0.056	23 mg/Kg
<b>Sodium Absorbion Ratio</b>	SW601B	unitless	2.41	<b>107.00</b>	<12
<b>Diesel Range Organics</b>	SVOC by GC/FID via method 8015B - DRO	mg/Kg	<6.3	<6.6	TPH - 500 mg/Kg
<b>Semivoatile Organics</b>	SW8270C - Semivoatile Organics by GC/MS - PAH	µg/Kg			
Acenaphthene		µg/Kg	<16	<17	1,000 mg/Kg
Anthracene		µg/Kg	<34	<36	1,000 mg/Kg
Benzo(a)anthracene		µg/Kg	<37	<38	0.22 mg/Kg
Benzo(a)pyrene		µg/Kg	<30	<31	0.022 mg/Kg
Benzo(b)fluoranthene		µg/Kg	<30	<31	0.22 mg/Kg
Benzo(k)fluoranthene		µg/Kg	<36	<37	2.2 mg/Kg
Chrysene		µg/Kg	<46	<48	22 mg/Kg
Dibenzo(a,h)anthracene		µg/Kg	<28	<30	0.022 mg/Kg
Fluoranthene		µg/Kg	<38	<40	1,000 mg/Kg
Fluorene		µg/Kg	<31	<33	1,000 mg/Kg
Indeno(1,2,3-cd)pyrene		µg/Kg	<29	<30	0.22 mg/Kg
Napthalene		µg/Kg	<12	<13	23 mg/Kg
Pyrene		µg/Kg	<68	<72	1,000 mg/Kg
<b>Gasoline Range Organics</b>	VOC by GC/FID method 8015B - GRO	µg/Kg	>250	<260	TPH 500 mg/kg
<b>Chromium, Trivalent</b>	SM3500-CrB - Chromium, Colorimetric Method Total Cr(III)cal	mg/Kg	10	5.7	120,000 mg/Kg
<b>Hexavalent Chromium</b>	SW7196A	mg/Kg	<5	<5	23 mg/Kg
<b>Conductance</b>	Specific Conductance - Cond.	umhos /cm	830	5400	<4 mmhos/cm or 2x background
<b>pH</b>	Corrosivity in Waste by pH - pH	pH	8.80	9.60	6-9
<b>BTEX</b>	Aromatic VOCs by GC/PID method 8021D - BTEX	µg/Kg			
Benzene		µg/Kg	<1.3	<1.3	0.17 mg/Kg
Ethylbenzene		µg/Kg	<1.9	<2.0	100 mg/kg
Toluene		µg/Kg	<1.3	<1.3	85 ug/Kg
Xylenes, Total		µg/Kg	<3.8	<3.9	175 mg/Kg

Note 1: Reported laboratory analyses have been compared to the COGCC Concentration Levels in Table 910-1 April 1, 2009.

Note 2: Three samples were collected from undisturbed Site locations to evaluate background arsenic. These samples are identified as BG #1, #2, #3. Arsenic concentrations were reported at 1.4, 1.2, and 1.1 mg/kg respectively. The values are comparable to the Arsenic concentration reported in each pit. The reported concentrations of Arsenic represent Background

Note 3: D - RL Increased due to sample matrix.