Rocks									Soils							
Constituent	1/Lion 4	4	2/Lion 1		Clarabelle		Sheep Canyon		Lion 4		Lion 1		Clarabelle	Sheep Canyon		Pabst 3
Arsenic	3 10 to 800 ppm 4 100 ppm	5/[22]	20 ppm	[133]					Q10 to 250 ppm 40 ppm	[48]	<10 to 30 ppm [5]			<10 to 100 ppm <10 to 10 ppm	[126]	<pre><10 to 150 ppm 10 ppm [153]</pre>
Copper	<pre><10 to 20 ppm <10 ppm</pre>	[22]	<pre><20 to 300 ppm </pre>	[129]			<pre><20 to 100 ppr 50 ppm</pre>	m [8]	(10 to 50 ppm 40 ppm	[48]	<20 to 35 ppm [5]					(20 to 150 ppm 20 ppm [153]
Equivalent uranium			<0.001 to .81% 0.005%	[137]					0.001 to 0.004 0.002 %	[34]	0.001 to 0.006% 0.004% [5]					
Field radiometry	y ra								0.004 to 0.014 0.0075 Mr/hr	Mr/hr [34]				0.01 to 0.044 1 0.015 Mr/hr	[126]	0.008 to 0.08 Mr/hr 0.0165 Mr/hr[120]
Iron	0.4 to 17.4 70 2.0 %	[22]	0.05 to 19.00 % 0.6%	[128]	0.1 to 5.3 % 0.7 %	35[350]	0.1 to 8.5% 2.2%	[8]	0.8 to 7.3% 1.6%	[48]	0.4 to 1.1% 0.73% [5]			0.7 to 4.5% 1.8%	[126]	0.6 to 4.5%. 1.5%. [153]
Lead	<pre><10 to 20 ppm 10 ppm</pre>		<10 to 50 ppm <10 ppm	[24]							<10 to 10 ppm [3]					
Manganese	60 to 50,000 ppm 400 ppm	[22]	<pre><250 to 100,000 pp 5,000 ppm</pre>	m [130]					100 to 15,000 500 ppm	ppm [48]	800 to 6,300 ppm 1,900 ppm [5]		<pre> <pre></pre></pre>	<pre><50 to 600 ppm 150 ppm</pre>	[126]	∠50 to 750 ppm 250 ppm [153]
рН	5.5 to 8.2 7.4	[22]	7.5 to 9.2 8.2	[28]				4	5.5 to 7.7 6.7	[34]	7.5 to 8.2 7.8 [3]		4.8 to 8.0 6.9 [151]	5.2 to 7.9 7.0	[120]	4.9 to 8.4 6.7 [153]
Selenium	<pre><2 to 10 ppm </pre> <pre><2 ppm</pre>	[22]							& to 20 ppm	[48]						
Titanium dioxide	γ		20.5 to 0.7% 20.5%	[13]) DAM	L 40J	<0.5 to 0.5% [3]				
Vanadium	<0.03 to 2.0% o 0.12%	[22]	< 0.03 to 2.4 % 0 0.15 % 0	[133]	(0.03 to 0.4 % 0	[350	<0.03 to 0.15 0.03%	70 [7]	0.06 to 0.50°, 0.15 %	7° [48]	0.03 to 0.13 % 0.07 % [5]			0.03 to 0.5 % o	[126]	20.03 to 0.5% 0.06% [153]
Uranium			3 to 6,000 ppm 50 ppm	[73]	<pre><2 to 10,000 ppm <2</pre>	[891]	8 to 900 ppm 345 ppm	[8]	0.5 to 8.4 ppm	n [34]	3 10 to 85 ppm 18 ppm [5		0.1 to 5,600 ppm [353]			0.4 to 175 ppm 1.2 ppm [69]
Zinc	10 to 70 ppm 20 ppm	[22]	<10 to 250 ppm 20 ppm	[129]			<pre><20 to 50 ppm 10 ppm</pre>	[8]	(10 to 130 ppm 50 ppm	[48]	420 to 50 ppm 420 ppm [1	5]		20 to 80 ppm 50 ppm	[126]	<10 to 80 ppm [153]
Molybdenum ranges from 12 to 20 ppm, median 14 ppm [4]; tungsten ranges from <20 to 80 ppm, median <20 to 60 ppm [4] 2/ Cobalt ranges from <10 to 10 ppm, median <10 ppm, [11]; Co ranges from 0.02 to 5.83 [11]; molybdenum ranges from <1 to 8 ppm, median <1 ppm, [11]; nickel ranges from 210 to 50 ppm, median 15 ppm, [11]; tungsten <10 ppm [11] MNHIO PARK																

^{3/} Range in various units.

^{4/} Median value.

^{5/} Number of samples.

^{6/} The high value is due to a spillage of carnotite on the soil.