

[illegible]

Summary of Soil Analytical Results
Monument Global Resources
Release #200381625: Cache Field, Montezuma County, CO

Sample Name / Date			Background	Surface #1		Surface #2		#3 @12"	
COGCC Table 910-1			05/23/2013	06/13/2013		06/13/2013		06/13/2013	
Organic Compounds (mg/Kg)	TPH	500	<6.1	9150		31800		<10	
	Benzene	0.17	0.0090	<0.23		27		<0.046	
	Toluene	85	0.022	1.4		210		<0.046	
	Ethyl-benzene	100	0.010	2.0		100		<0.046	
	Total Xylenes	175	0.020	7.2		320		<0.046	
	Acenaphthene	1000	<0.0057	<2.5		<25		<0.25	
	Anthracene	1000	<0.0031	<0.15		<1.5		<0.015	
	Benzo(A) anthracene	0.22	<0.0057	0.11		<1.0		<0.010	
	Benzo(B) fluoranthene	0.22	<0.0047	<0.10		<1.0		<0.010	
	Benzo(K) fluoranthene	2.2	<0.0058	<0.10		<1.0		<0.010	
	Benzo(A)pyrene	0.022	<0.0039	<0.10		<1.0		<0.010	
	Chrysene	22	<0.0037	0.43		3.0		<0.010	
	Dibenzo(A,H) anthracene	0.022	<0.0039	<0.10		<1.0		<0.010	
	Fluoranthene	1000	<0.0035	0.30		<2.0		<0.020	
	Fluorene	1000	<0.0041	0.74		<3.0		<0.030	
	Indeno(1,2,3,C,D) pyrene	0.22	<0.0078	<0.10		<1.0		<0.010	
	Napthalene	23	<0.0043	<2.5		37		<0.25	
	Pyrene	1000	<0.0048	<0.25		<2.5		<0.025	
Inorganics	EC (mmhos/cm)	<4 or 2x background	300	8800		5100		210	
	SAR	<12	0.17	47		39		1.8	
	pH	6 - 9	8.80	7.89		8.08		8.85	
Metals (mg/Kg)	Arsenic	0.39	1.2	<2.5		<2.5		<2.5	
	Barium	15000	220	200		140		190	
	Boron	2	N/A	12		7.4		4.4	
	Cadmium	70	<0.027	<0.10		<0.10		<0.10	
	Chromium (VI)	23	<2.0	<2.0		<2.0		<2.0	
	Copper	3100	3.9	4.1		2.1		2.3	
	Lead	400	3.2	3.8		3.2		2.3	
	Mercury	23	0.0061	<0.033		<0.033		<0.033	
	Nickel	1600	3.7	4.2		2.3		1.9	
	Selenium	390	<1.4	<2.5		<2.5		<2.5	
	Silver	390	<0.035	<0.25		<0.25		<0.25	
	Zinc	23000	19	22		16		12	