Accutest Mountain States **Dec 15, 2014 15:20 pm**

Location ID 437464
Document 2313487

Job Number:	**D65431**
Account:	**CCI**
Project:	**Summit 1 Reclaim, San Migual County**
Project Number:	**AFE-100066-7010-7400**

Legend: Hit

Client Sample ID:	**1 DRILL RIG**	**1 DRILL RIG**	**2 DRILL RIG**	**2 DRILL RIG**
Lab Sample ID:	**D65431-1**	**D65431-1A**	**D65431-2**	**D65431-2A**
Date Sampled:	**12/05/2014**	**12/05/2014**	**12/05/2014**	**12/05/2014**
Matrix:	**Soil**	**Soil**	**Soil**	**Soil**

GC/MS Volatiles (SW846 8260B)

Benzene	ug/kg	ND (1.2)	-	ND (1.4)	-
Toluene	ug/kg	ND (1.2)	-	ND (1.4)	-
Ethylbenzene	ug/kg	ND (1.2)	-	ND (1.4)	-
Xylene (total)	ug/kg	ND (3.3)	-	ND (3.7)	-

GC/MS Semi-volatiles (SW846 8270D BY SIM)

Acenaphthene	ug/kg	ND (15)	-	ND (14)	-
Anthracene	ug/kg	ND (9.6)	-	ND (9.1)	-
Benzo(a)anthracene	ug/kg	ND (1.9)	-	ND (1.8)	-
Benzo(a)pyrene	ug/kg	ND (1.9)	-	ND (1.8)	-
Benzo(b)fluoranthene	ug/kg	ND (1.9)	-	ND (1.8)	-
Benzo(k)fluoranthene	ug/kg	ND (1.9)	-	ND (1.8)	-
Chrysene	ug/kg	ND (1.9)	-	ND (1.8)	-
Dibenzo(a,h)anthracene	ug/kg	ND (1.9)	-	ND (1.8)	-
Fluoranthene	ug/kg	ND (9.6)	-	ND (9.1)	-
Fluorene	ug/kg	ND (15)	-	ND (14)	-
Indeno(1,2,3-cd)pyrene	ug/kg	ND (1.9)	-	ND (1.8)	-
Naphthalene	ug/kg	ND (15)	-	ND (14)	-
Pyrene	ug/kg	ND (9.6)	-	ND (9.1)	-

GC Volatiles (SW846 8015B)

TPH-GRO (C6-C10)	mg/kg	ND (6.6)	-	ND (5.9)	-

GC Semi-volatiles (SW846-8015B)

TPH-DRO (C10-C28)	mg/kg	38.6	-	109	-

Metals Analysis

Arsenic	mg/kg	13.9	-	6.7	-
Barium	mg/kg	159	-	172	-
Cadmium	mg/kg	<1.2	-	<1.1	-
Calcium	mg/l	-	326	-	373
Chromium	mg/kg	13.0	-	8.6	-
Copper	mg/kg	12.1	-	10.9	-
Lead	mg/kg	<120 [a]	-	12.1	-
Magnesium	mg/l	-	85.4	-	91.0
Mercury	mg/kg	<0.097	-	<0.091	-
Nickel	mg/kg	15.4	-	10.1	-
Selenium	mg/kg	<5.8	-	<5.5	-
Silver	mg/kg	<3.5	-	<3.3	-
Sodium	mg/l	-	448	-	586
Zinc	mg/kg	37.9	-	22.6	-

General Chemistry

Solids, Percent	%	86.1	-	91.7	-
Specific Conductivity	umhos/cm	4440	-	5450	-
Chromium, Hexavalent	mg/kg	<1.0	-	<1.0	-
Chromium, Trivalent	mg/kg	12.4 [b]	-	8.0 [b]	-
Redox Potential Vs H2	mv	208	-	231	-
Sodium Adsorption Ratio	ratio	-	5.71 [c]	-	7.05 [c]
pH	su	8.68	-	8.50	-

Footnotes:

[a] Elevated detection limit due to dilution required for possible matrix interference.

[b] Calculated as: (Chromium) - (Chromium, Hexavalent)

[c] Calculated as: (Na meq/L) / sqrt [(Ca meq/L)+(Mg meq/L)/2]