



20 September, 2005

Bruce Lewis  
ERM-West - Sacramento  
2525 Natomas Park Dr., Ste. 350  
Sacramento, CA 95833

RE: PGOU R1/FS  
Work Order: S509086

Enclosed are the results of analyses for samples received by the laboratory on 09/02/05 13:31. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Ron Chew  
Dept Manager / Client Services Representative

CA ELAP Certificate #1624

ERM-West - Sacramento 2525 Natomas Park Dr., Ste. 350 Sacramento CA, 95833	Project:PGOU R1/FS Project Number:- Project Manager:Bruce Lewis	S509086 <b>Reported:</b> 09/20/05 15:46
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**ANALYTICAL REPORT FOR SAMPLES**

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
C41-SSO6	S509086-01	Soil	09/02/05 09:05	09/02/05 13:31
C41-SSO7	S509086-02	Soil	09/02/05 09:25	09/02/05 13:31
C41-SSO8	S509086-03	Soil	09/02/05 09:37	09/02/05 13:31
C41-SSO9	S509086-04	Soil	09/02/05 09:55	09/02/05 13:31
C41-SS10	S509086-05	Soil	09/02/05 10:30	09/02/05 13:31
C41-SS11	S509086-06	Soil	09/02/05 10:45	09/02/05 13:31
C41-SS12	S509086-07	Soil	09/02/05 10:55	09/02/05 13:31
C41-SSO4	S509086-08	Soil	09/02/05 12:20	09/02/05 13:31
C41-SSO4D	S509086-09	Soil	09/02/05 12:30	09/02/05 13:31

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**Perchlorate by EPA 314.0**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C41-SSO6 (S509086-01) Soil Sampled: 09/02/05 09:05 Received: 09/02/05 13:31</b>									
Perchlorate	ND	10	ug/kg	1	5I15018	09/14/05	09/14/05	EPA 314.0	
<b>C41-SSO7 (S509086-02) Soil Sampled: 09/02/05 09:25 Received: 09/02/05 13:31</b>									
Perchlorate	250	20	ug/kg	2	5I15018	09/14/05	09/14/05	EPA 314.0	
<b>C41-SSO8 (S509086-03) Soil Sampled: 09/02/05 09:37 Received: 09/02/05 13:31</b>									
Perchlorate	1900	200	ug/kg	20	5I15018	09/14/05	09/14/05	EPA 314.0	
<b>C41-SSO9 (S509086-04) Soil Sampled: 09/02/05 09:55 Received: 09/02/05 13:31</b>									
Perchlorate	37	10	ug/kg	1	5I15018	09/14/05	09/14/05	EPA 314.0	
<b>C41-SS10 (S509086-05) Soil Sampled: 09/02/05 10:30 Received: 09/02/05 13:31</b>									
Perchlorate	ND	10	ug/kg	1	5I15018	09/14/05	09/14/05	EPA 314.0	
<b>C41-SS11 (S509086-06) Soil Sampled: 09/02/05 10:45 Received: 09/02/05 13:31</b>									
Perchlorate	ND	10	ug/kg	1	5I15018	09/14/05	09/14/05	EPA 314.0	
<b>C41-SS12 (S509086-07) Soil Sampled: 09/02/05 10:55 Received: 09/02/05 13:31</b>									
Perchlorate	ND	10	ug/kg	1	5I15018	09/14/05	09/14/05	EPA 314.0	
<b>C41-SSO4 (S509086-08) Soil Sampled: 09/02/05 12:20 Received: 09/02/05 13:31</b>									
Perchlorate	ND	10	ug/kg	1	5I15018	09/14/05	09/14/05	EPA 314.0	
<b>C41-SSO4D (S509086-09) Soil Sampled: 09/02/05 12:30 Received: 09/02/05 13:31</b>									
Perchlorate	ND	10	ug/kg	1	5I15018	09/14/05	09/14/05	EPA 314.0	

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**Physical Parameters by APHA/ASTM/EPA Methods**  
**Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
<b>C41-SSO6 (S509086-01) Soil</b>	<b>Sampled: 09/02/05 09:05 Received: 09/02/05 13:31</b>								
Specific Conductivity @ 25 C	300	1.0	umhos/cm	1	5I17005	09/17/05	09/17/05	SM 2510B	
<b>C41-SSO7 (S509086-02) Soil</b>	<b>Sampled: 09/02/05 09:25 Received: 09/02/05 13:31</b>								
Specific Conductivity @ 25 C	1900	1.0	umhos/cm	1	5I17005	09/17/05	09/17/05	SM 2510B	
<b>C41-SSO8 (S509086-03) Soil</b>	<b>Sampled: 09/02/05 09:37 Received: 09/02/05 13:31</b>								
Specific Conductivity @ 25 C	1300	1.0	umhos/cm	1	5I17005	09/17/05	09/17/05	SM 2510B	
<b>C41-SSO9 (S509086-04) Soil</b>	<b>Sampled: 09/02/05 09:55 Received: 09/02/05 13:31</b>								
Specific Conductivity @ 25 C	1100	1.0	umhos/cm	1	5I17005	09/17/05	09/17/05	SM 2510B	
<b>C41-SS10 (S509086-05) Soil</b>	<b>Sampled: 09/02/05 10:30 Received: 09/02/05 13:31</b>								
Specific Conductivity @ 25 C	280	1.0	umhos/cm	1	5I17005	09/17/05	09/17/05	SM 2510B	
<b>C41-SS11 (S509086-06) Soil</b>	<b>Sampled: 09/02/05 10:45 Received: 09/02/05 13:31</b>								
Specific Conductivity @ 25 C	440	1.0	umhos/cm	1	5I17005	09/17/05	09/17/05	SM 2510B	
<b>C41-SS12 (S509086-07) Soil</b>	<b>Sampled: 09/02/05 10:55 Received: 09/02/05 13:31</b>								
Specific Conductivity @ 25 C	720	1.0	umhos/cm	1	5I17005	09/17/05	09/17/05	SM 2510B	
<b>C41-SSO4 (S509086-08) Soil</b>	<b>Sampled: 09/02/05 12:20 Received: 09/02/05 13:31</b>								
Specific Conductivity @ 25 C	510	1.0	umhos/cm	1	5I17005	09/17/05	09/17/05	SM 2510B	
<b>C41-SSO4D (S509086-09) Soil</b>	<b>Sampled: 09/02/05 12:30 Received: 09/02/05 13:31</b>								
Specific Conductivity @ 25 C	470	1.0	umhos/cm	1	5I17005	09/17/05	09/17/05	SM 2510B	

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**Perchlorate by EPA 314.0 - Quality Control  
Sequoia Analytical - Morgan Hill**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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**Batch 5I15018 - General Preparation / EPA 314.0**

<b>Blank (5I15018-BLK1)</b>				Prepared & Analyzed: 09/14/05						
Perchlorate	ND	10	ug/kg							
<b>Laboratory Control Sample (5I15018-BS1)</b>				Prepared & Analyzed: 09/14/05						
Perchlorate	88.7	10	ug/kg	100		89	85-115			
<b>Matrix Spike (5I15018-MS1)</b>				Prepared & Analyzed: 09/14/05						
Perchlorate	97.3	10	ug/kg	100	ND	97	80-120			
<b>Matrix Spike Dup (5I15018-MSD1)</b>				Prepared & Analyzed: 09/14/05						
Perchlorate	105	10	ug/kg	100	ND	105	80-120	8	15	

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**Notes and Definitions**

- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference