



**LABORATORY REPORT**

Prepared For: Geosyntec Consultants/Project Navigator - Ascon  
2100 Main Street, Suite 150  
Huntington Beach, CA 92648  
Attention: Mike Reardon

Project: Ascon - Soils  
SB0202/31

Sampled: 05/18/04  
Received: 06/09/04  
Issued: 06/11/04 10:44

NELAP #01108CA CA ELAP #1197 CSDLAC #10117

*The results listed within this Laboratory Report pertain only to the samples tested in the laboratory. The analyses contained in this report were performed in accordance with the applicable certifications as noted. All soil samples are reported on a wet weight basis unless otherwise noted in the report. This Laboratory Report is confidential and is intended for the sole use of Del Mar Analytical and its client. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical. The Chain of Custody, 1 page, is included and is an integral part of this report.  
This entire report was reviewed and approved for release.*

**SAMPLE CROSS REFERENCE**

**LABORATORY ID**

INF0549-01

**CLIENT ID**

PNL-TP01,02,03,04,07-WASTE

**MATRIX**

Soil

Reviewed By:

**Del Mar Analytical, Irvine**  
Amanda Cordova  
Project Manager



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**TCLP METALS**

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
<b>Sample ID: INF0549-01 (PNL-TP01,02,03,04,07-WASTE - Soil)</b>									
<b>Reporting Units: mg/l</b>									
Lead	6010B-TCLP	4F10080	0.10	0.45	1	5.0	6/10/2004	6/10/2004	

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### TCLP EXTRACTION - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: INF0549-01 (PNL-TP01,02,03,04,07-WASTE - Soil) Extraction	EPA 1311-Met	4F09094	6/9/2004	6/10/2004	T6

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## METHOD BLANK/QC DATA

### TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
<b>Batch: 4F10080 Extracted: 06/10/04</b>										
<b>Blank Analyzed: 06/10/04 (4F10080-BLK1)</b>										
Lead	ND	0.10	mg/l							
<b>LCS Analyzed: 06/10/04 (4F10080-BS1)</b>										
Lead	1.97	0.10	mg/l	2.00		98	80-120			
<b>Matrix Spike Analyzed: 06/10/04 (4F10080-MS1)</b>										
Lead	2.38	0.10	mg/l	2.00	0.45	97	75-125			

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### DATA QUALIFIERS AND DEFINITIONS

- T6** The temperature during the 18 hour TCLP extraction exceeded the 21-25 degrees C range stated in EPA Method 1311. The temperature range during the extraction was 24-27 degrees C.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD** Relative Percent Difference

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## Certification Summary

### Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
6010B-TCLP	Soil	X	X
EPA 1311-Met	Solid	X	X

*NV and NELAP provide analyte specific accreditations. Analyte specific information for Del Mar Analytical may be obtained by contacting the laboratory or visiting our website at [www.dmalabs.com](http://www.dmalabs.com).*

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