



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: 05/03/04-05/26/04
Received: 06/22/04
Issued: 07/14/04 19:09

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(s) of Custody, 3 pages, are included and are an integral part of this report.
This entire report was reviewed and approved for release.*

CASE NARRATIVE

- SAMPLE RECEIPT: Samples were received intact, at 5°C, on ice and with chain of custody documentation.
- HOLDING TIMES: Not all holding times were met. Results were qualified where the sample analysis did not occur within method specified holding time requirements.
- PRESERVATION: Samples requiring preservation were verified prior to sample analysis.
- QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.
- COMMENTS: No significant observations were made.
- SUBCONTRACTED: No analyses were subcontracted to an outside laboratory.

LABORATORY ID	CLIENT ID	MATRIX
INF1488-01	PNL-1	Soil
INF1488-02	PNL-14	Soil
INF1488-03	PNL-7	Soil
INF1488-04	PNL-8	Soil
INF1488-05	PNL-BA1-Stockpile	Soil
INF1488-06	PNL-BA6-Stockpile	Soil
INF1488-07	PNL-BA7-Stockpile	Soil
INF1488-08	PNL-BA8-Stockpile	Soil
INF1488-09	PNL-BA13-Stockpile	Soil
INF1488-10	PNL-L1A	Soil
INF1488-11	PNL-L1B	Soil



Del Mar Analytical

2852 Alton Ave., Irvine CA 92606 (949) 261-1022 FAX (949) 261-1228
1014 E. Cooley Dr., Suite A, Colton, CA 92324 (909) 370-4667 FAX (949) 370-1046
9484 Chesapeake Dr., Suite 805, San Diego, CA 92123 (858) 505-8596 FAX (858) 505-9689
9830 South 51st St., Suite B-120, Phoenix, AZ 85044 (480) 785-0043 FAX (480) 785-0851
2520 E. Sunset Rd. #3, Las Vegas, NV 89120 (702) 798-3620 FAX (702) 798-3621

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

Project ID: Ascon - Soils
SB0202/31
Report Number: INF1488

Sampled: 05/03/04-05/26/04
Received: 06/22/04

LABORATORY ID	CLIENT ID	MATRIX
INF1488-12	PNL-L2A	Soil
INF1488-13	PNL-L2B	Soil
INF1488-15	PNL-L4A	Soil
INF1488-16	PNL-L5B	Soil
INF1488-17	PNL-TP01-Stockpile	Soil
INF1488-18	PNL-TP02-Stockpile/Waste	Soil
INF1488-19	PNL-TP03-Stockpile/Waste	Soil
INF1488-20	PNL-TP04-Stockpile/Waste	Soil
INF1488-21	PNL-TP06-Stockpile	Soil

Reviewed By:

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager

The results pertain only to the samples tested in the laboratory. This report shall not be reproduced, except in full, without written permission from Del Mar Analytical.



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1488-01 (PNL-1 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Antimony	EPA 6010B	4G08087	10	ND	1	7/8/2004	7/8/2004	
Arsenic	EPA 6010B	4G08087	2.0	11	1	7/8/2004	7/8/2004	
Barium	EPA 6010B	4G08087	5.0	1900	5	7/8/2004	7/9/2004	
Beryllium	EPA 6010B	4G08087	0.50	ND	1	7/8/2004	7/8/2004	
Cadmium	EPA 6010B	4G08087	0.50	0.55	1	7/8/2004	7/8/2004	
Chromium	EPA 6010B	4G08087	1.0	55	1	7/8/2004	7/8/2004	
Cobalt	EPA 6010B	4G08087	1.0	3.9	1	7/8/2004	7/8/2004	
Copper	EPA 6010B	4G08087	2.0	24	1	7/8/2004	7/8/2004	
Lead	EPA 6010B	4G08087	2.0	390	1	7/8/2004	7/8/2004	
Mercury	EPA 7471A	4G09098	0.020	0.20	1	7/9/2004	7/9/2004	H3
Molybdenum	EPA 6010B	4G08087	2.0	2.4	1	7/8/2004	7/8/2004	
Nickel	EPA 6010B	4G08087	2.0	39	1	7/8/2004	7/8/2004	
Selenium	EPA 6010B	4G08087	2.0	ND	1	7/8/2004	7/8/2004	
Silver	EPA 6010B	4G08087	1.0	ND	1	7/8/2004	7/8/2004	
Thallium	EPA 6010B	4G08087	10	ND	1	7/8/2004	7/8/2004	
Vanadium	EPA 6010B	4G08087	1.0	24	1	7/8/2004	7/8/2004	
Zinc	EPA 6010B	4G08087	5.0	190	1	7/8/2004	7/8/2004	
Sample ID: INF1488-02 (PNL-14 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Antimony	EPA 6010B	4G08087	10	ND	1	7/8/2004	7/8/2004	
Arsenic	EPA 6010B	4G08087	2.0	16	1	7/8/2004	7/8/2004	
Barium	EPA 6010B	4G08087	5.0	2500	5	7/8/2004	7/9/2004	
Beryllium	EPA 6010B	4G08087	0.50	ND	1	7/8/2004	7/8/2004	
Cadmium	EPA 6010B	4G08087	0.50	1.9	1	7/8/2004	7/8/2004	
Chromium	EPA 6010B	4G08087	1.0	45	1	7/8/2004	7/8/2004	
Cobalt	EPA 6010B	4G08087	1.0	4.4	1	7/8/2004	7/8/2004	
Copper	EPA 6010B	4G08087	2.0	34	1	7/8/2004	7/8/2004	
Lead	EPA 6010B	4G08087	2.0	92	1	7/8/2004	7/8/2004	
Mercury	EPA 7471A	4G09098	0.020	0.26	1	7/9/2004	7/9/2004	H3
Molybdenum	EPA 6010B	4G08087	2.0	ND	1	7/8/2004	7/8/2004	
Nickel	EPA 6010B	4G08087	2.0	34	1	7/8/2004	7/8/2004	
Selenium	EPA 6010B	4G08087	2.0	ND	1	7/8/2004	7/8/2004	
Silver	EPA 6010B	4G08087	1.0	ND	1	7/8/2004	7/8/2004	
Thallium	EPA 6010B	4G08087	10	ND	1	7/8/2004	7/8/2004	
Vanadium	EPA 6010B	4G08087	1.0	36	1	7/8/2004	7/8/2004	
Zinc	EPA 6010B	4G08087	5.0	120	1	7/8/2004	7/8/2004	

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1488-03 (PNL-7 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Antimony	EPA 6010B	4G08087	10	ND	1	7/8/2004	7/8/2004	
Arsenic	EPA 6010B	4G08087	2.0	62	1	7/8/2004	7/8/2004	
Barium	EPA 6010B	4G08087	5.0	2300	5	7/8/2004	7/9/2004	
Beryllium	EPA 6010B	4G08087	0.50	ND	1	7/8/2004	7/8/2004	
Cadmium	EPA 6010B	4G08087	0.50	0.85	1	7/8/2004	7/8/2004	
Chromium	EPA 6010B	4G08087	1.0	110	1	7/8/2004	7/8/2004	
Cobalt	EPA 6010B	4G08087	1.0	6.1	1	7/8/2004	7/8/2004	
Copper	EPA 6010B	4G08087	2.0	37	1	7/8/2004	7/8/2004	
Lead	EPA 6010B	4G08087	2.0	500	1	7/8/2004	7/8/2004	
Mercury	EPA 7471A	4G09098	0.020	0.21	1	7/9/2004	7/9/2004	H3
Molybdenum	EPA 6010B	4G08087	2.0	2.9	1	7/8/2004	7/8/2004	
Nickel	EPA 6010B	4G08087	2.0	53	1	7/8/2004	7/8/2004	
Selenium	EPA 6010B	4G08087	2.0	ND	1	7/8/2004	7/8/2004	
Silver	EPA 6010B	4G08087	1.0	ND	1	7/8/2004	7/8/2004	
Thallium	EPA 6010B	4G08087	10	ND	1	7/8/2004	7/8/2004	
Vanadium	EPA 6010B	4G08087	1.0	39	1	7/8/2004	7/8/2004	
Zinc	EPA 6010B	4G08087	5.0	320	1	7/8/2004	7/8/2004	
Sample ID: INF1488-04 (PNL-8 - Soil)				Sampled: 05/03/04				
Reporting Units: mg/kg								
Antimony	EPA 6010B	4G08087	10	ND	1	7/8/2004	7/8/2004	
Arsenic	EPA 6010B	4G08087	2.0	14	1	7/8/2004	7/8/2004	
Barium	EPA 6010B	4G08087	1.0	1100	1	7/8/2004	7/8/2004	
Beryllium	EPA 6010B	4G08087	0.50	ND	1	7/8/2004	7/8/2004	
Cadmium	EPA 6010B	4G08087	0.50	0.52	1	7/8/2004	7/8/2004	
Chromium	EPA 6010B	4G08087	1.0	980	1	7/8/2004	7/8/2004	
Cobalt	EPA 6010B	4G08087	1.0	6.4	1	7/8/2004	7/8/2004	
Copper	EPA 6010B	4G08087	2.0	26	1	7/8/2004	7/8/2004	
Lead	EPA 6010B	4G08087	2.0	160	1	7/8/2004	7/8/2004	
Mercury	EPA 7471A	4G09098	0.020	0.074	1	7/9/2004	7/9/2004	H3
Molybdenum	EPA 6010B	4G08087	2.0	3.1	1	7/8/2004	7/8/2004	
Nickel	EPA 6010B	4G08087	2.0	140	1	7/8/2004	7/8/2004	
Selenium	EPA 6010B	4G08087	2.0	ND	1	7/8/2004	7/8/2004	
Silver	EPA 6010B	4G08087	1.0	ND	1	7/8/2004	7/8/2004	
Thallium	EPA 6010B	4G08087	10	ND	1	7/8/2004	7/8/2004	
Vanadium	EPA 6010B	4G08087	1.0	33	1	7/8/2004	7/8/2004	
Zinc	EPA 6010B	4G08087	5.0	160	1	7/8/2004	7/8/2004	

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1488-18 (PNL-TP02-Stockpile/Waste - Soil)				Sampled: 05/19/04				
Reporting Units: mg/kg								
Antimony	EPA 6010B	4G01092	10	ND	1	7/1/2004	7/2/2004	
Arsenic	EPA 6010B	4G01092	2.0	28	1	7/1/2004	7/2/2004	
Barium	EPA 6010B	4G01092	1.0	1100	1	7/1/2004	7/2/2004	
Beryllium	EPA 6010B	4G01092	0.50	ND	1	7/1/2004	7/2/2004	
Cadmium	EPA 6010B	4G01092	0.50	ND	1	7/1/2004	7/2/2004	
Chromium	EPA 6010B	4G01092	1.0	54	1	7/1/2004	7/2/2004	
Cobalt	EPA 6010B	4G01092	1.0	1.8	1	7/1/2004	7/2/2004	
Copper	EPA 6010B	4G01092	2.0	11	1	7/1/2004	7/2/2004	
Lead	EPA 6010B	4G01092	2.0	20	1	7/1/2004	7/2/2004	
Mercury	EPA 7471A	4G02051	0.020	0.20	1	7/2/2004	7/2/2004	H3
Molybdenum	EPA 6010B	4G01092	2.0	ND	1	7/1/2004	7/2/2004	
Nickel	EPA 6010B	4G01092	2.0	10	1	7/1/2004	7/2/2004	
Selenium	EPA 6010B	4G01092	2.0	ND	1	7/1/2004	7/2/2004	
Silver	EPA 6010B	4G01092	1.0	ND	1	7/1/2004	7/2/2004	
Thallium	EPA 6010B	4G01092	10	ND	1	7/1/2004	7/2/2004	
Vanadium	EPA 6010B	4G01092	1.0	14	1	7/1/2004	7/2/2004	
Zinc	EPA 6010B	4G01092	5.0	39	1	7/1/2004	7/2/2004	
Sample ID: INF1488-19 (PNL-TP03-Stockpile/Waste - Soil)				Sampled: 05/20/04				
Reporting Units: mg/kg								
Antimony	EPA 6010B	4G08087	10	ND	1	7/8/2004	7/8/2004	
Arsenic	EPA 6010B	4G08087	2.0	8.7	1	7/8/2004	7/8/2004	
Barium	EPA 6010B	4G08087	1.0	240	1	7/8/2004	7/8/2004	
Beryllium	EPA 6010B	4G08087	1.0	ND	2	7/8/2004	7/9/2004	RL-1
Cadmium	EPA 6010B	4G08087	0.50	ND	1	7/8/2004	7/8/2004	
Chromium	EPA 6010B	4G08087	1.0	28	1	7/8/2004	7/8/2004	
Cobalt	EPA 6010B	4G08087	1.0	8.9	1	7/8/2004	7/8/2004	
Copper	EPA 6010B	4G08087	2.0	32	1	7/8/2004	7/8/2004	
Lead	EPA 6010B	4G08087	2.0	20	1	7/8/2004	7/8/2004	
Mercury	EPA 7471A	4G09098	0.020	0.047	1	7/9/2004	7/9/2004	H3
Molybdenum	EPA 6010B	4G08087	2.0	ND	1	7/8/2004	7/8/2004	
Nickel	EPA 6010B	4G08087	2.0	20	1	7/8/2004	7/8/2004	
Selenium	EPA 6010B	4G08087	2.0	ND	1	7/8/2004	7/8/2004	
Silver	EPA 6010B	4G08087	1.0	ND	1	7/8/2004	7/8/2004	
Thallium	EPA 6010B	4G08087	10	ND	1	7/8/2004	7/8/2004	
Vanadium	EPA 6010B	4G08087	1.0	54	1	7/8/2004	7/8/2004	
Zinc	EPA 6010B	4G08087	5.0	77	1	7/8/2004	7/8/2004	

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
SB0202/31
Report Number: INF1488

Sampled: 05/03/04-05/26/04
Received: 06/22/04

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1488-20 (PNL-TP04-Stockpile/Waste - Soil)				Sampled: 05/19/04				
Reporting Units: mg/kg								
Antimony	EPA 6010B	4G08087	10	ND	1	7/8/2004	7/8/2004	
Arsenic	EPA 6010B	4G08087	2.0	45	1	7/8/2004	7/8/2004	
Barium	EPA 6010B	4G08087	5.0	2800	5	7/8/2004	7/9/2004	
Beryllium	EPA 6010B	4G08087	0.50	ND	1	7/8/2004	7/8/2004	
Cadmium	EPA 6010B	4G08087	0.50	0.73	1	7/8/2004	7/8/2004	
Chromium	EPA 6010B	4G08087	1.0	37	1	7/8/2004	7/8/2004	
Cobalt	EPA 6010B	4G08087	1.0	2.7	1	7/8/2004	7/8/2004	
Copper	EPA 6010B	4G08087	2.0	36	1	7/8/2004	7/8/2004	
Lead	EPA 6010B	4G08087	2.0	150	1	7/8/2004	7/8/2004	
Mercury	EPA 7471A	4G09098	0.020	0.49	1	7/9/2004	7/9/2004	H3
Molybdenum	EPA 6010B	4G08087	2.0	2.7	1	7/8/2004	7/8/2004	
Nickel	EPA 6010B	4G08087	2.0	18	1	7/8/2004	7/8/2004	
Selenium	EPA 6010B	4G08087	2.0	ND	1	7/8/2004	7/8/2004	
Silver	EPA 6010B	4G08087	1.0	ND	1	7/8/2004	7/8/2004	
Thallium	EPA 6010B	4G08087	10	ND	1	7/8/2004	7/8/2004	
Vanadium	EPA 6010B	4G08087	1.0	21	1	7/8/2004	7/8/2004	
Zinc	EPA 6010B	4G08087	5.0	280	1	7/8/2004	7/8/2004	

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1488-03 (PNL-7 - Soil)						Sampled: 05/03/04			
Reporting Units: mg/l									
Lead	6010B-TCLP	4F25067	0.10	ND	1	5.0	6/25/2004	6/26/2004	
Sample ID: INF1488-04 (PNL-8 - Soil)						Sampled: 05/03/04			
Reporting Units: mg/l									
Barium	6010B-TCLP	4F25067	0.20	2.1	1	100.0	6/25/2004	6/26/2004	
Lead	6010B-TCLP	4F25067	0.10	ND	1	5.0	6/25/2004	6/26/2004	
Sample ID: INF1488-05 (PNL-BA1-Stockpile - Soil)						Sampled: 05/11/04			
Reporting Units: mg/l									
Lead	6010B-TCLP	4F25067	0.10	0.42	1	5.0	6/25/2004	6/26/2004	
Sample ID: INF1488-08 (PNL-BA8-Stockpile - Soil)						Sampled: 05/11/04			
Reporting Units: mg/l									
Lead	6010B-TCLP	4F25067	0.10	0.33	1	5.0	6/25/2004	6/26/2004	
Sample ID: INF1488-10 (PNL-L1A - Soil)						Sampled: 05/26/04			
Reporting Units: mg/l									
Barium	6010B-TCLP	4F25067	0.20	8.6	1	100.0	6/25/2004	6/26/2004	
Chromium	6010B-TCLP	4F25067	0.10	ND	1	5.0	6/25/2004	6/26/2004	
Lead	6010B-TCLP	4F25067	0.10	ND	1	5.0	6/25/2004	6/26/2004	
Sample ID: INF1488-11 (PNL-L1B - Soil)						Sampled: 05/26/04			
Reporting Units: mg/l									
Lead	6010B-TCLP	4F25067	0.10	ND	1	5.0	6/25/2004	6/26/2004	
Sample ID: INF1488-12 (PNL-L2A - Soil)						Sampled: 05/26/04			
Reporting Units: mg/l									
Lead	6010B-TCLP	4F25067	0.10	ND	1	5.0	6/25/2004	6/26/2004	
Sample ID: INF1488-13 (PNL-L2B - Soil)						Sampled: 05/26/04			
Reporting Units: mg/l									
Chromium	6010B-TCLP	4F25067	0.10	ND	1	5.0	6/25/2004	6/26/2004	
Lead	6010B-TCLP	4F25067	0.10	ND	1	5.0	6/25/2004	6/26/2004	
Sample ID: INF1488-15 (PNL-L4A - Soil)						Sampled: 05/24/04			
Reporting Units: mg/l									
Barium	6010B-TCLP	4F25067	0.20	3.6	1	100.0	6/25/2004	6/26/2004	
Lead	6010B-TCLP	4F25067	0.10	ND	1	5.0	6/25/2004	6/26/2004	

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

TCLP METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	TCLP Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1488-16 (PNL-L5B - Soil)					Sampled: 05/25/04				
Reporting Units: mg/l									
Barium	6010B-TCLP	4F25067	0.20	1.7	1	100.0	6/25/2004	6/26/2004	
Chromium	6010B-TCLP	4F25067	0.10	ND	1	5.0	6/25/2004	6/26/2004	
Lead	6010B-TCLP	4F25067	0.10	ND	1	5.0	6/25/2004	6/26/2004	
Sample ID: INF1488-18 (PNL-TP02-Stockpile/Waste - Soil)					Sampled: 05/19/04				
Reporting Units: mg/l									
Barium	6010B-TCLP	4G08071	0.20	2.1	1	100.0	7/8/2004	7/8/2004	
Chromium	6010B-TCLP	4G08071	0.10	ND	1	5.0	7/8/2004	7/8/2004	
Sample ID: INF1488-19 (PNL-TP03-Stockpile/Waste - Soil)					Sampled: 05/20/04				
Reporting Units: mg/l									
Lead	6010B-TCLP	4G08071	0.10	ND	1	5.0	7/8/2004	7/8/2004	
Sample ID: INF1488-20 (PNL-TP04-Stockpile/Waste - Soil)					Sampled: 05/19/04				
Reporting Units: mg/l									
Arsenic	6010B-TCLP	4G08071	0.20	0.20	1	5.0	7/8/2004	7/8/2004	
Barium	6010B-TCLP	4G08071	0.20	1.7	1	100.0	7/8/2004	7/8/2004	
Lead	6010B-TCLP	4G08071	0.10	2.5	1	5.0	7/8/2004	7/8/2004	

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

STLC METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	STLC Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1488-01 (PNL-1 - Soil)					Sampled: 05/03/04				
Reporting Units: mg/l									
Barium	6010B-STLC	4F30099	0.20	16	1	100	6/30/2004	7/1/2004	
Lead	6010B-STLC	4F30099	0.10	13	1	5.0	6/30/2004	7/1/2004	
Sample ID: INF1488-02 (PNL-14 - Soil)					Sampled: 05/03/04				
Reporting Units: mg/l									
Barium	6010B-STLC	4F30099	0.20	17	1	100	6/30/2004	7/1/2004	
Cadmium	6010B-STLC	4F30099	0.10	0.15	1	1.0	6/30/2004	7/1/2004	
Chromium	6010B-STLC	4F30099	0.10	1.5	1	5.0	6/30/2004	7/1/2004	
Lead	6010B-STLC	4F30099	0.10	5.5	1	5.0	6/30/2004	7/1/2004	
Sample ID: INF1488-03 (PNL-7 - Soil)					Sampled: 05/03/04				
Reporting Units: mg/l									
Barium	6010B-STLC	4F30099	0.20	32	1	100	6/30/2004	7/1/2004	
Chromium	6010B-STLC	4F30099	0.10	1.3	1	5.0	6/30/2004	7/1/2004	
Lead	6010B-STLC	4F30099	0.10	6.8	1	5.0	6/30/2004	7/1/2004	
Sample ID: INF1488-04 (PNL-8 - Soil)					Sampled: 05/03/04				
Reporting Units: mg/l									
Arsenic	6010B-STLC	4F30099	0.10	0.74	1	5.0	6/30/2004	7/1/2004	
Barium	6010B-STLC	4F30099	0.20	15	1	100	6/30/2004	7/1/2004	
Chromium	6010B-STLC	4F30099	0.10	2.2	1	5.0	6/30/2004	7/1/2004	
Lead	6010B-STLC	4F30099	0.10	7.5	1	5.0	6/30/2004	7/1/2004	
Sample ID: INF1488-06 (PNL-BA6-Stockpile - Soil)					Sampled: 05/13/04				
Reporting Units: mg/l									
Lead	6010B-STLC	4F30099	0.10	7.2	1	5.0	6/30/2004	7/1/2004	
Sample ID: INF1488-07 (PNL-BA7-Stockpile - Soil)					Sampled: 05/11/04				
Reporting Units: mg/l									
Barium	6010B-STLC	4F30099	0.20	12	1	100	6/30/2004	7/1/2004	
Lead	6010B-STLC	4F30099	0.10	2.2	1	5.0	6/30/2004	7/1/2004	
Sample ID: INF1488-08 (PNL-BA8-Stockpile - Soil)					Sampled: 05/11/04				
Reporting Units: mg/l									
Barium	6010B-STLC	4F30099	0.20	30	1	100	6/30/2004	7/1/2004	
Chromium	6010B-STLC	4F30099	0.10	4.1	1	5.0	6/30/2004	7/1/2004	
Lead	6010B-STLC	4F30099	0.10	30	1	5.0	6/30/2004	7/1/2004	

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

STLC METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	STLC Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1488-09 (PNL-BA13-Stockpile - Soil)					Sampled: 05/12/04				
Reporting Units: mg/l									
Arsenic	6010B-STLC	4F30099	0.10	1.6	1	5.0	6/30/2004	7/1/2004	
Barium	6010B-STLC	4F30099	0.20	27	1	100	6/30/2004	7/1/2004	
Lead	6010B-STLC	4F30099	0.10	2.7	1	5.0	6/30/2004	7/1/2004	
Sample ID: INF1488-10 (PNL-L1A - Soil)					Sampled: 05/26/04				
Reporting Units: mg/l									
Barium	6010B-STLC	4F30099	0.20	41	1	100	6/30/2004	7/1/2004	
Chromium	6010B-STLC	4F30099	0.10	4.8	1	5.0	6/30/2004	7/1/2004	
Lead	6010B-STLC	4F30099	0.10	7.6	1	5.0	6/30/2004	7/1/2004	
Sample ID: INF1488-11 (PNL-L1B - Soil)					Sampled: 05/26/04				
Reporting Units: mg/l									
Barium	6010B-STLC	4F30099	0.20	34	1	100	6/30/2004	7/1/2004	
Chromium	6010B-STLC	4F30099	0.10	3.2	1	5.0	6/30/2004	7/1/2004	
Lead	6010B-STLC	4F30099	0.10	11	1	5.0	6/30/2004	7/1/2004	
Sample ID: INF1488-12 (PNL-L2A - Soil)					Sampled: 05/26/04				
Reporting Units: mg/l									
Chromium	6010B-STLC	4F30099	0.10	2.3	1	5.0	6/30/2004	7/1/2004	
Lead	6010B-STLC	4F30099	0.10	0.67	1	5.0	6/30/2004	7/1/2004	
Sample ID: INF1488-13 (PNL-L2B - Soil)					Sampled: 05/26/04				
Reporting Units: mg/l									
Arsenic	6010B-STLC	4F30099	0.10	0.55	1	5.0	6/30/2004	7/1/2004	
Barium	6010B-STLC	4F30099	0.20	34	1	100	6/30/2004	7/1/2004	
Chromium	6010B-STLC	4F30099	0.10	5.1	1	5.0	6/30/2004	7/1/2004	
Sample ID: INF1488-16 (PNL-L5B - Soil)					Sampled: 05/25/04				
Reporting Units: mg/l									
Arsenic	6010B-STLC	4F30099	0.10	2.6	1	5.0	6/30/2004	7/1/2004	
Barium	6010B-STLC	4F30099	0.20	12	1	100	6/30/2004	7/1/2004	
Chromium	6010B-STLC	4F30099	0.10	3.6	1	5.0	6/30/2004	7/1/2004	
Sample ID: INF1488-17 (PNL-TP01-Stockpile - Soil)					Sampled: 05/17/04				
Reporting Units: mg/l									
Lead	6010B-STLC	4G09073	0.10	2.9	1	5.0	7/9/2004	7/9/2004	
Sample ID: INF1488-18 (PNL-TP02-Stockpile/Waste - Soil)					Sampled: 05/19/04				
Reporting Units: mg/l									
Arsenic	6010B-STLC	4G09073	0.10	1.9	1	5.0	7/9/2004	7/9/2004	
Barium	6010B-STLC	4G09073	0.20	13	1	100	7/9/2004	7/9/2004	
Chromium	6010B-STLC	4G09073	0.10	1.6	1	5.0	7/9/2004	7/9/2004	

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

STLC METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	STLC Limit	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INF1488-19 (PNL-TP03-Stockpile/Waste - Soil)					Sampled: 05/20/04				
Reporting Units: mg/l									
Barium	6010B-STLC	4G09073	0.20	9.4	1	100	7/9/2004	7/9/2004	
Lead	6010B-STLC	4G09073	0.10	3.0	1	5.0	7/9/2004	7/9/2004	
Sample ID: INF1488-20 (PNL-TP04-Stockpile/Waste - Soil)					Sampled: 05/19/04				
Reporting Units: mg/l									
Arsenic	6010B-STLC	4G09073	0.10	2.2	1	5.0	7/9/2004	7/9/2004	
Barium	6010B-STLC	4G09073	0.20	16	1	100	7/9/2004	7/9/2004	
Chromium	6010B-STLC	4G09073	0.10	1.9	1	5.0	7/9/2004	7/9/2004	
Lead	6010B-STLC	4G09073	0.10	6.7	1	5.0	7/9/2004	7/9/2004	
Sample ID: INF1488-21 (PNL-TP06-Stockpile - Soil)					Sampled: 05/18/04				
Reporting Units: mg/l									
Lead	6010B-STLC	4G09073	0.10	4.6	1	5.0	7/9/2004	7/9/2004	

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
SB0202/31
Report Number: INF1488

Sampled: 05/03/04-05/26/04
Received: 06/22/04

WASTE EXTRACTION TEST (STLC) - Metals/Inorganics

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: INF1488-01 (PNL-1 - Soil) Extraction	STLC-Met	4F28092	Sampled: 05/03/04 6/28/2004	6/30/2004	H3
Sample ID: INF1488-02 (PNL-14 - Soil) Extraction	STLC-Met	4F28092	Sampled: 05/03/04 6/28/2004	6/30/2004	H3
Sample ID: INF1488-03 (PNL-7 - Soil) Extraction	STLC-Met	4F28092	Sampled: 05/03/04 6/28/2004	6/30/2004	H3
Sample ID: INF1488-04 (PNL-8 - Soil) Extraction	STLC-Met	4F28092	Sampled: 05/03/04 6/28/2004	6/30/2004	H3
Sample ID: INF1488-06 (PNL-BA6-Stockpile - Soil) Extraction	STLC-Met	4F28092	Sampled: 05/13/04 6/28/2004	6/30/2004	H3
Sample ID: INF1488-07 (PNL-BA7-Stockpile - Soil) Extraction	STLC-Met	4F28092	Sampled: 05/11/04 6/28/2004	6/30/2004	H3
Sample ID: INF1488-08 (PNL-BA8-Stockpile - Soil) Extraction	STLC-Met	4F28092	Sampled: 05/11/04 6/28/2004	6/30/2004	H3
Sample ID: INF1488-09 (PNL-BA13-Stockpile - Soil) Extraction	STLC-Met	4F28092	Sampled: 05/12/04 6/28/2004	6/30/2004	H3

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

WASTE EXTRACTION TEST (STLC) - Metals/Inorganics

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: INF1488-10 (PNL-L1A - Soil)			Sampled: 05/26/04		
Extraction	STLC-Met	4F28092	6/28/2004	6/30/2004	H3
Sample ID: INF1488-11 (PNL-L1B - Soil)			Sampled: 05/26/04		
Extraction	STLC-Met	4F28092	6/28/2004	6/30/2004	H3
Sample ID: INF1488-12 (PNL-L2A - Soil)			Sampled: 05/26/04		
Extraction	STLC-Met	4F28092	6/28/2004	6/30/2004	H3
Sample ID: INF1488-13 (PNL-L2B - Soil)			Sampled: 05/26/04		
Extraction	STLC-Met	4F28092	6/28/2004	6/30/2004	H3
Sample ID: INF1488-16 (PNL-L5B - Soil)			Sampled: 05/25/04		
Extraction	STLC-Met	4F28092	6/28/2004	6/30/2004	H3
Sample ID: INF1488-17 (PNL-TP01-Stockpile - Soil)			Sampled: 05/17/04		
Extraction	STLC-Met	4G07080	7/7/2004	7/9/2004	H3
Sample ID: INF1488-18 (PNL-TP02-Stockpile/Waste - Soil)			Sampled: 05/19/04		
Extraction	STLC-Met	4G07080	7/7/2004	7/9/2004	H3
Sample ID: INF1488-19 (PNL-TP03-Stockpile/Waste - Soil)			Sampled: 05/20/04		
Extraction	STLC-Met	4G07080	7/7/2004	7/9/2004	H3

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
SB0202/31
Report Number: INF1488

Sampled: 05/03/04-05/26/04
Received: 06/22/04

WASTE EXTRACTION TEST (STLC) - Metals/Inorganics

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: INF1488-20 (PNL-TP04-Stockpile/Waste - Soil)			Sampled: 05/19/04		
Extraction	STLC-Met	4G07080	7/7/2004	7/9/2004	H3
Sample ID: INF1488-21 (PNL-TP06-Stockpile - Soil)			Sampled: 05/18/04		
Extraction	STLC-Met	4G07080	7/7/2004	7/9/2004	H3

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager



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

Project ID: Ascon - Soils
SB0202/31
Report Number: INF1488

Sampled: 05/03/04-05/26/04
Received: 06/22/04

TCLP EXTRACTION - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: INF1488-03 (PNL-7 - Soil)			Sampled: 05/03/04		
Extraction	EPA 1311-Met	4F24093	6/24/2004	6/25/2004	T6
Sample ID: INF1488-04 (PNL-8 - Soil)			Sampled: 05/03/04		
Extraction	EPA 1311-Met	4F24093	6/24/2004	6/25/2004	T6
Sample ID: INF1488-05 (PNL-BA1-Stockpile - Soil)			Sampled: 05/11/04		
Extraction	EPA 1311-Met	4F24093	6/24/2004	6/25/2004	T6
Sample ID: INF1488-08 (PNL-BA8-Stockpile - Soil)			Sampled: 05/11/04		
Extraction	EPA 1311-Met	4F24093	6/24/2004	6/25/2004	T6
Sample ID: INF1488-10 (PNL-L1A - Soil)			Sampled: 05/26/04		
Extraction	EPA 1311-Met	4F24093	6/24/2004	6/25/2004	T6
Sample ID: INF1488-11 (PNL-L1B - Soil)			Sampled: 05/26/04		
Extraction	EPA 1311-Met	4F24093	6/24/2004	6/25/2004	T6
Sample ID: INF1488-12 (PNL-L2A - Soil)			Sampled: 05/26/04		
Extraction	EPA 1311-Met	4F24093	6/24/2004	6/25/2004	T6
Sample ID: INF1488-13 (PNL-L2B - Soil)			Sampled: 05/26/04		
Extraction	EPA 1311-Met	4F24093	6/24/2004	6/25/2004	T6

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

TCLP EXTRACTION - Metals

Analyte	Method	Batch	Extraction Start Date	Extraction End Date	Data Qualifiers
Sample ID: INF1488-15 (PNL-L4A - Soil)			Sampled: 05/24/04		
Extraction	EPA 1311-Met	4F24093	6/24/2004	6/25/2004	T6
Sample ID: INF1488-16 (PNL-L5B - Soil)			Sampled: 05/25/04		
Extraction	EPA 1311-Met	4F24093	6/24/2004	6/25/2004	T6
Sample ID: INF1488-18 (PNL-TP02-Stockpile/Waste - Soil)			Sampled: 05/19/04		
Extraction	EPA 1311-Met	4G07094	7/7/2004	7/8/2004	T6a
Sample ID: INF1488-19 (PNL-TP03-Stockpile/Waste - Soil)			Sampled: 05/20/04		
Extraction	EPA 1311-Met	4G07094	7/7/2004	7/8/2004	T6a
Sample ID: INF1488-20 (PNL-TP04-Stockpile/Waste - Soil)			Sampled: 05/19/04		
Extraction	EPA 1311-Met	4G07094	7/7/2004	7/8/2004	T6a

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4G01092 Extracted: 07/01/04										
Blank Analyzed: 07/01/04 (4G01092-BLK1)										
Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Beryllium	ND	0.50	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Cobalt	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							
Silver	ND	1.0	mg/kg							
Thallium	ND	10	mg/kg							
Vanadium	ND	1.0	mg/kg							
Zinc	ND	5.0	mg/kg							
LCS Analyzed: 07/01/04 (4G01092-BS1)										
Antimony	47.2	10	mg/kg	50.0		94	80-120			
Arsenic	46.6	2.0	mg/kg	50.0		93	80-120			
Barium	48.4	1.0	mg/kg	50.0		97	80-120			
Beryllium	47.2	0.50	mg/kg	50.0		94	80-120			
Cadmium	46.4	0.50	mg/kg	50.0		93	80-120			
Chromium	46.9	1.0	mg/kg	50.0		94	80-120			
Cobalt	47.0	1.0	mg/kg	50.0		94	80-120			
Copper	46.4	2.0	mg/kg	50.0		93	80-120			
Lead	47.6	2.0	mg/kg	50.0		95	80-120			
Molybdenum	46.7	2.0	mg/kg	50.0		93	80-120			
Nickel	46.7	2.0	mg/kg	50.0		93	80-120			
Selenium	43.3	2.0	mg/kg	50.0		87	80-120			
Silver	23.8	1.0	mg/kg	25.0		95	80-120			
Thallium	46.5	10	mg/kg	50.0		93	80-120			
Vanadium	47.7	1.0	mg/kg	50.0		95	80-120			
Zinc	45.3	5.0	mg/kg	50.0		91	80-120			

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4G01092 Extracted: 07/01/04										
Matrix Spike Analyzed: 07/01/04 (4G01092-MS1)					Source: ING0081-01					
Antimony	28.6	10	mg/kg	50.0	0.62	56	75-125			M2
Arsenic	44.7	2.0	mg/kg	50.0	1.6	86	75-125			
Barium	84.0	1.0	mg/kg	50.0	40	88	75-125			
Beryllium	43.3	0.50	mg/kg	50.0	0.19	86	75-125			
Cadmium	42.6	0.50	mg/kg	50.0	0.15	85	75-125			
Chromium	49.8	1.0	mg/kg	50.0	6.6	86	75-125			
Cobalt	45.1	1.0	mg/kg	50.0	2.6	85	75-125			
Copper	49.2	2.0	mg/kg	50.0	5.2	88	75-125			
Lead	45.3	2.0	mg/kg	50.0	2.5	86	75-125			
Molybdenum	42.8	2.0	mg/kg	50.0	0.35	85	75-125			
Nickel	47.0	2.0	mg/kg	50.0	4.6	85	75-125			
Selenium	40.9	2.0	mg/kg	50.0	ND	82	75-125			
Silver	22.1	1.0	mg/kg	25.0	ND	88	75-125			
Thallium	43.6	10	mg/kg	50.0	ND	87	75-125			
Vanadium	61.1	1.0	mg/kg	50.0	16	90	75-125			
Zinc	60.4	5.0	mg/kg	50.0	21	79	75-125			
Matrix Spike Dup Analyzed: 07/01/04 (4G01092-MSD1)					Source: ING0081-01					
Antimony	29.6	10	mg/kg	50.0	0.62	58	75-125	3	20	M2
Arsenic	44.7	2.0	mg/kg	50.0	1.6	86	75-125	0	20	
Barium	81.9	1.0	mg/kg	50.0	40	84	75-125	3	20	
Beryllium	44.0	0.50	mg/kg	50.0	0.19	88	75-125	2	20	
Cadmium	43.3	0.50	mg/kg	50.0	0.15	86	75-125	2	20	
Chromium	50.6	1.0	mg/kg	50.0	6.6	88	75-125	2	20	
Cobalt	46.6	1.0	mg/kg	50.0	2.6	88	75-125	3	20	
Copper	49.6	2.0	mg/kg	50.0	5.2	89	75-125	1	20	
Lead	45.7	2.0	mg/kg	50.0	2.5	86	75-125	1	20	
Molybdenum	43.1	2.0	mg/kg	50.0	0.35	86	75-125	1	20	
Nickel	48.2	2.0	mg/kg	50.0	4.6	87	75-125	3	20	
Selenium	40.7	2.0	mg/kg	50.0	ND	81	75-125	1	20	
Silver	22.3	1.0	mg/kg	25.0	ND	89	75-125	1	20	
Thallium	43.6	10	mg/kg	50.0	ND	87	75-125	0	20	
Vanadium	62.1	1.0	mg/kg	50.0	16	92	75-125	2	20	
Zinc	62.0	5.0	mg/kg	50.0	21	82	75-125	3	20	

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4G02051 Extracted: 07/02/04										
Blank Analyzed: 07/02/04 (4G02051-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 07/02/04 (4G02051-BS1)										
Mercury	0.800	0.020	mg/kg	0.800		100	85-120			
Matrix Spike Analyzed: 07/02/04 (4G02051-MS1) Source: INF1826-07										
Mercury	0.875	0.020	mg/kg	0.800	0.059	102	65-135			
Matrix Spike Dup Analyzed: 07/02/04 (4G02051-MSD1) Source: INF1826-07										
Mercury	0.849	0.020	mg/kg	0.800	0.059	99	65-135	3	20	
Batch: 4G08087 Extracted: 07/08/04										
Blank Analyzed: 07/08/04 (4G08087-BLK1)										
Antimony	ND	10	mg/kg							
Arsenic	ND	2.0	mg/kg							
Barium	ND	1.0	mg/kg							
Beryllium	ND	0.50	mg/kg							
Cadmium	ND	0.50	mg/kg							
Chromium	ND	1.0	mg/kg							
Cobalt	ND	1.0	mg/kg							
Copper	ND	2.0	mg/kg							
Lead	ND	2.0	mg/kg							
Molybdenum	ND	2.0	mg/kg							
Nickel	ND	2.0	mg/kg							
Selenium	ND	2.0	mg/kg							
Silver	ND	1.0	mg/kg							
Thallium	ND	10	mg/kg							
Vanadium	ND	1.0	mg/kg							
Zinc	ND	5.0	mg/kg							

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4G08087 Extracted: 07/08/04										
LCS Analyzed: 07/08/04 (4G08087-BS1)										
Antimony	47.0	10	mg/kg	50.0		94	80-120			
Arsenic	46.6	2.0	mg/kg	50.0		93	80-120			
Barium	46.4	1.0	mg/kg	50.0		93	80-120			
Beryllium	45.4	0.50	mg/kg	50.0		91	80-120			
Cadmium	45.6	0.50	mg/kg	50.0		91	80-120			
Chromium	46.6	1.0	mg/kg	50.0		93	80-120			
Cobalt	44.4	1.0	mg/kg	50.0		89	80-120			
Copper	43.8	2.0	mg/kg	50.0		88	80-120			
Lead	47.5	2.0	mg/kg	50.0		95	80-120			
Molybdenum	45.2	2.0	mg/kg	50.0		90	80-120			
Nickel	45.7	2.0	mg/kg	50.0		91	80-120			
Selenium	45.4	2.0	mg/kg	50.0		91	80-120			
Silver	22.7	1.0	mg/kg	25.0		91	80-120			
Thallium	43.8	10	mg/kg	50.0		88	80-120			
Vanadium	45.4	1.0	mg/kg	50.0		91	80-120			
Zinc	44.0	5.0	mg/kg	50.0		88	80-120			

Matrix Spike Analyzed: 07/08/04 (4G08087-MS1)

Source: ING0134-02

Antimony	31.6	10	mg/kg	50.0	ND	63	75-125			M2
Arsenic	46.6	2.0	mg/kg	50.0	1.2	91	75-125			
Barium	77.0	1.0	mg/kg	50.0	37	80	75-125			
Beryllium	45.4	0.50	mg/kg	50.0	0.15	90	75-125			
Cadmium	44.4	0.50	mg/kg	50.0	ND	89	75-125			
Chromium	51.1	1.0	mg/kg	50.0	7.0	88	75-125			
Cobalt	45.2	1.0	mg/kg	50.0	2.4	86	75-125			
Copper	49.8	2.0	mg/kg	50.0	4.3	91	75-125			
Lead	46.7	2.0	mg/kg	50.0	1.6	90	75-125			
Molybdenum	43.6	2.0	mg/kg	50.0	ND	87	75-125			
Nickel	47.8	2.0	mg/kg	50.0	3.0	90	75-125			
Selenium	44.1	2.0	mg/kg	50.0	ND	88	75-125			
Silver	22.1	1.0	mg/kg	25.0	ND	88	75-125			
Thallium	42.4	10	mg/kg	50.0	ND	85	75-125			
Vanadium	58.4	1.0	mg/kg	50.0	17	83	75-125			
Zinc	58.6	5.0	mg/kg	50.0	17	83	75-125			

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager

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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4G08087 Extracted: 07/08/04										
Matrix Spike Dup Analyzed: 07/08/04 (4G08087-MSD1)					Source: ING0134-02					
Antimony	29.3	10	mg/kg	50.0	ND	59	75-125	8	20	M2
Arsenic	47.4	2.0	mg/kg	50.0	1.2	92	75-125	2	20	
Barium	80.4	1.0	mg/kg	50.0	37	87	75-125	4	20	
Beryllium	45.6	0.50	mg/kg	50.0	0.15	91	75-125	0	20	
Cadmium	45.1	0.50	mg/kg	50.0	ND	90	75-125	2	20	
Chromium	53.0	1.0	mg/kg	50.0	7.0	92	75-125	4	20	
Cobalt	45.9	1.0	mg/kg	50.0	2.4	87	75-125	2	20	
Copper	50.6	2.0	mg/kg	50.0	4.3	93	75-125	2	20	
Lead	47.6	2.0	mg/kg	50.0	1.6	92	75-125	2	20	
Molybdenum	44.1	2.0	mg/kg	50.0	ND	88	75-125	1	20	
Nickel	48.6	2.0	mg/kg	50.0	3.0	91	75-125	2	20	
Selenium	45.3	2.0	mg/kg	50.0	ND	91	75-125	3	20	
Silver	22.4	1.0	mg/kg	25.0	ND	90	75-125	1	20	
Thallium	43.2	10	mg/kg	50.0	ND	86	75-125	2	20	
Vanadium	63.0	1.0	mg/kg	50.0	17	92	75-125	8	20	
Zinc	60.4	5.0	mg/kg	50.0	17	87	75-125	3	20	

Batch: 4G09098 Extracted: 07/09/04

Blank Analyzed: 07/09/04 (4G09098-BLK1)

Mercury ND 0.020 mg/kg

LCS Analyzed: 07/09/04 (4G09098-BS1)

Mercury 0.844 0.020 mg/kg 0.800 106 85-120

Matrix Spike Analyzed: 07/09/04 (4G09098-MS1)

Mercury 0.863 0.020 mg/kg 0.800 0.021 105 65-135

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4G09098 Extracted: 07/09/04										
Matrix Spike Dup Analyzed: 07/09/04 (4G09098-MSD1)					Source: INF1881-18					
Mercury	0.866	0.020	mg/kg	0.800	0.021	106	65-135	0	20	

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	RPD Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F25067 Extracted: 06/25/04										
Blank Analyzed: 06/26/04 (4F25067-BLK1)										
Barium	ND	0.20	mg/l							
Chromium	ND	0.10	mg/l							
Lead	ND	0.10	mg/l							
LCS Analyzed: 06/26/04 (4F25067-BS1)										
Barium	1.94	0.20	mg/l	2.00		97	80-120			
Chromium	1.90	0.10	mg/l	2.00		95	80-120			
Lead	1.90	0.10	mg/l	2.00		95	80-120			
Matrix Spike Analyzed: 06/26/04 (4F25067-MS1) Source: INF1488-03										
Barium	5.74	0.20	mg/l	2.00	4.0	87	75-125			
Chromium	1.87	0.10	mg/l	2.00	0.0070	93	75-125			
Lead	1.92	0.10	mg/l	2.00	0.029	95	75-125			
Batch: 4G08071 Extracted: 07/08/04										
Blank Analyzed: 07/08/04 (4G08071-BLK1)										
Arsenic	ND	0.20	mg/l							
Barium	ND	0.20	mg/l							
Chromium	ND	0.10	mg/l							
Lead	ND	0.10	mg/l							
LCS Analyzed: 07/08/04 (4G08071-BS1)										
Arsenic	2.02	0.20	mg/l	2.00		101	80-120			
Barium	2.01	0.20	mg/l	2.00		100	80-120			
Chromium	2.01	0.10	mg/l	2.00		100	80-120			
Lead	2.04	0.10	mg/l	2.00		102	80-120			

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

METHOD BLANK/QC DATA

TCLP METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4G08071 Extracted: 07/08/04										
Matrix Spike Analyzed: 07/08/04 (4G08071-MS1)					Source: INF1488-18					
Arsenic	2.22	0.20	mg/l	2.00	0.20	101	75-125			
Barium	3.95	0.20	mg/l	2.00	2.1	93	75-125			
Chromium	2.05	0.10	mg/l	2.00	0.068	99	75-125			
Lead	2.06	0.10	mg/l	2.00	0.063	100	75-125			

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

METHOD BLANK/QC DATA

STLC METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4F30099 Extracted: 06/30/04										
Blank Analyzed: 07/01/04 (4F30099-BLK1)										
Arsenic	ND	0.10	mg/l							
Barium	ND	0.20	mg/l							
Cadmium	ND	0.10	mg/l							
Chromium	ND	0.10	mg/l							
Lead	ND	0.10	mg/l							
LCS Analyzed: 07/01/04 (4F30099-BS1)										
Arsenic	20.7	0.10	mg/l	20.0		104	80-120			
Barium	19.5	0.20	mg/l	20.0		98	80-120			
Cadmium	19.9	0.10	mg/l	20.0		100	80-120			
Chromium	20.0	0.10	mg/l	20.0		100	80-120			
Lead	19.2	0.10	mg/l	20.0		96	80-120			
Matrix Spike Analyzed: 07/01/04 (4F30099-MS1) Source: INF1488-01										
Arsenic	21.7	0.10	mg/l	20.0	0.73	105	75-125			
Barium	34.3	0.20	mg/l	20.0	16	92	75-125			
Cadmium	19.7	0.10	mg/l	20.0	ND	98	75-125			
Chromium	22.6	0.10	mg/l	20.0	2.6	100	75-125			
Lead	31.3	0.10	mg/l	20.0	13	92	75-125			
Matrix Spike Dup Analyzed: 07/01/04 (4F30099-MSD1) Source: INF1488-01										
Arsenic	21.7	0.10	mg/l	20.0	0.73	105	75-125	0	20	
Barium	34.3	0.20	mg/l	20.0	16	92	75-125	0	20	
Cadmium	19.6	0.10	mg/l	20.0	ND	98	75-125	1	20	
Chromium	22.6	0.10	mg/l	20.0	2.6	100	75-125	0	20	
Lead	31.4	0.10	mg/l	20.0	13	92	75-125	0	20	

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

METHOD BLANK/QC DATA

STLC METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC	%REC Limits	RPD RPD	RPD Limit	Data Qualifiers
Batch: 4G09073 Extracted: 07/09/04										
Blank Analyzed: 07/09/04 (4G09073-BLK1)										
Arsenic	ND	0.10	mg/l							
Barium	ND	0.20	mg/l							
Chromium	ND	0.10	mg/l							
Lead	ND	0.10	mg/l							
LCS Analyzed: 07/09/04 (4G09073-BS1)										
Arsenic	19.7	0.10	mg/l	20.0		98	80-120			
Barium	19.1	0.20	mg/l	20.0		96	80-120			
Chromium	19.3	0.10	mg/l	20.0		96	80-120			
Lead	19.2	0.10	mg/l	20.0		96	80-120			
Matrix Spike Analyzed: 07/09/04 (4G09073-MS1) Source: ING0065-02										
Arsenic	23.4	0.10	mg/l	20.0	3.2	101	75-125			
Barium	21.1	0.20	mg/l	20.0	1.8	96	75-125			
Chromium	19.7	0.10	mg/l	20.0	0.22	97	75-125			
Lead	19.6	0.10	mg/l	20.0	0.23	97	75-125			
Matrix Spike Dup Analyzed: 07/09/04 (4G09073-MSD1) Source: ING0065-02										
Arsenic	23.5	0.10	mg/l	20.0	3.2	102	75-125	0	20	
Barium	21.2	0.20	mg/l	20.0	1.8	97	75-125	1	20	
Chromium	19.9	0.10	mg/l	20.0	0.22	98	75-125	1	20	
Lead	19.9	0.10	mg/l	20.0	0.23	98	75-125	2	20	

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



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

Project ID: Ascon - Soils
SB0202/31
Report Number: INF1488

Sampled: 05/03/04-05/26/04
Received: 06/22/04

DATA QUALIFIERS AND DEFINITIONS

- H3** Sample was received and analyzed past holding time.
- M2** The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
- RL-1** Reporting limit raised due to sample matrix effects.
- 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.
- T6a** 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 25-28 degrees C.
- ND** Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
- RPD** Relative Percent Difference

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager



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

Project ID: Ascon - Soils
 SB0202/31
 Report Number: INF1488

Sampled: 05/03/04-05/26/04
 Received: 06/22/04

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
6010B-STLC	Soil	X	X
6010B-TCLP	Soil	X	X
EPA 1311-Met	Soil	X	X
EPA 1311-Met	Solid	X	X
EPA 6010B	Soil	X	X
EPA 7471A	Soil	X	X
STLC-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.

Del Mar Analytical, Irvine
 Amanda Cordova
 Project Manager



ADDITIONAL ANALYSIS REQUEST FORM

Today's Date: 6/22/04 Del Mar Analytical Project Manager: Amanda Cordova

Request via: telephone chain of custody form fax transmission E-mail other

Client: Geosyntec / Project Navigator Contact: Mike Reardon / Steve Howe

Project: Ascon - Soils

Date Sampled: See workorders Date Received: See workorders

Status: in progress completed received today received yesterday on hold other

**SAMPLE
NUMBER**

**SAMPLE
DESCRIPTION**

**ANALYSIS
REQUESTED**

**SPECIAL
REQUIREMENTS**

See Attached

CA-WET = STLC.

* New workorder

TURNAROUND STATUS: Same Day 24hr 48hr 3days
 5days Standard from 6/22/04 No Rush Charge

WKE

Ascon Site: Additional Tests (6/22/04)

SAMPLENAME	LABSAMPID	Test	ANALYTE
PNL-1	INE0031-04	CA-WET	Barium
		CA-WET	Lead
PNL-12	INC1049-06	CA-WET	Lead
PNL-13	INC0993-03	CA-WET	Barium
		CA-WET	Chromium
		CA-WET	Lead
		TCLP	Barium
PNL-14	INE0031-05	CA-WET	Barium
		CA-WET	Cadmium
		CA-WET	Chromium
		CA-WET	Lead
PNL-7	INE0031-08	CA-WET	Barium
		CA-WET	Chromium
		CA-WET	Lead
		TCLP	Lead
PNL-8	INE0228-11	CA-WET	Arsenic
		CA-WET	Barium
		CA-WET	Chromium
		CA-WET	Lead
		TCLP	Barium
		TCLP	Lead
PNL-BA01-Stockpile	INE0765-03	CA-WET	Lead
		TCLP	Lead
PNL-BA06-Stockpile	INE0892-01 ✓	CA-WET	Lead
PNL-BA07-Stockpile	INE0765-02	CA-WET	Barium
		CA-WET	Lead
PNL-BA08-Stockpile	INE0765-01	CA-WET	Barium
		CA-WET	Chromium
		CA-WET	Lead
		TCLP	Lead
PNL-BA13-Stockpile	INE0764-03 ✓	CA-WET	Arsenic
		CA-WET	Barium
		CA-WET	Lead
PNL-L1A	INE1627-04	CA-WET	Barium
		CA-WET	Chromium
		CA-WET	Lead
		TCLP	Barium
		TCLP	Chromium
		TCLP	Lead
PNL-L1B	INE1627-02	CA-WET	Barium
		CA-WET	Chromium
		CA-WET	Lead
		TCLP	Lead
PNL-L2A	INE1627-03	CA-WET	Chromium
		CA-WET	Lead
		TCLP	Lead
PNL-L2B	INE1627-01	CA-WET	Arsenic
		CA-WET	Barium
		CA-WET	Chromium

Ascon Site: Additional Tests (6/22/04)

		TCLP	Chromium
		TCLP	Lead
PNL-L3A	INE1513-03	CA-WET	Arsenic
		CA-WET	Barium
		CA-WET	Chromium
		CA-WET	Lead
		TCLP	Chromium
		TCLP	Lead
PNL-L3B	INE1513-02	CA-WET	Arsenic
		CA-WET	Barium
		CA-WET	Chromium
		CA-WET	Lead
		TCLP	Barium
		TCLP	Chromium
		TCLP	Lead
PNL-L4A	INE1447-03	CA-WET	Barium
		CA-WET	Chromium
		CA-WET	Lead
		TCLP	Barium
		TCLP	Lead
PNL-L5B	INE1513-01	CA-WET	Arsenic
		CA-WET	Barium
		CA-WET	Chromium
		TCLP	Barium
		TCLP	Chromium
		TCLP	Lead
PNL-TP01-Stockpile	INE0965-01	CA-WET	Lead
PNL-TP02-Stockpile	INE1148-02	CA-WET	Arsenic
		CA-WET	Barium
		CA-WET	Chromium
		TCLP	Barium
		TCLP	Chromium
PNL-TP03-Stockpile	INE1250-02	CA-WET	Barium
		CA-WET	Lead
		TCLP	Lead
PNL-TP04-Stockpile	INE1148-01	CA-WET	Arsenic
		CA-WET	Barium
		CA-WET	Chromium
		CA-WET	Lead
		TCLP	Arsenic
		TCLP	Barium
		TCLP	Lead
PNL-TP06-Stockpile	INE1120-03	CA-WET	Lead