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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: 05/12/04
Received: 05/13/04
Issued: 06/09/04 09:59

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.

CASE NARRATIVE

SAMPLE RECEIPT: Samples were received intact, at 2°C, on ice and with chain of custody documentation.

HOLDING TIMES: Holding times were met.

PRESERVATION: Samples requiring preservation were verified prior to sample analysis.

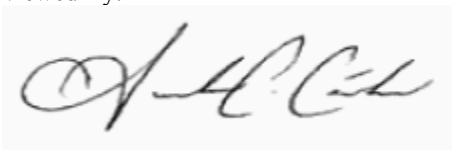
QA/QC CRITERIA: All analyses met method criteria, except as noted in the report with data qualifiers.

COMMENTS: No significant observations were made.

SUBCONTRACTED: Refer to the last page for specific subcontract laboratory information included in this report.

LABORATORY ID	CLIENT ID	MATRIX
INE0764-01	PNL-BA03-Stockpile	Soil
INE0764-02	PNL-BA11-Stockpile	Soil
INE0764-03	PNL-BA13-Stockpile	Soil

Reviewed By:



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TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-01 (PNL-BA03-Stockpile - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4E18059	300	**24000**	20	5/18/2004	5/18/2004	
Sample ID: INE0764-02 (PNL-BA11-Stockpile - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4E18059	75	**1900**	5	5/18/2004	5/18/2004	
Sample ID: INE0764-03 (PNL-BA13-Stockpile - Soil)								
Reporting Units: mg/kg								
Total Recoverable Hydrocarbons	EPA 418.1	4E18059	500	**22000**	100	5/18/2004	5/18/2004	M-HA

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EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-01 (PNL-BA03-Stockpile - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4E14064	500	**1100**	100	5/14/2004	5/21/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4E14064	500	**7400**	100	5/14/2004	5/21/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4E14064	500	**8500**	100	5/14/2004	5/21/2004	B-1
Surrogate: n-Octacosane (50-125%)				*376 %*				*Z3*
Sample ID: INE0764-02 (PNL-BA11-Stockpile - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4E14064	400	**940**	80	5/14/2004	5/21/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4E14064	400	**6900**	80	5/14/2004	5/21/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4E14064	400	**7900**	80	5/14/2004	5/21/2004	B-1
Surrogate: n-Octacosane (50-125%)				*196 %*				*Z3*
Sample ID: INE0764-03 (PNL-BA13-Stockpile - Soil)								
Reporting Units: mg/kg								
GRO (C6 - C12)	EPA 8015B MOD.	4E14064	500	**1800**	100	5/14/2004	5/21/2004	
DRO/ORO (C13 - C40)	EPA 8015B MOD.	4E14064	500	**14000**	100	5/14/2004	5/21/2004	
EFH (C6 - C40)	EPA 8015B MOD.	4E14064	500	**16000**	100	5/14/2004	5/21/2004	B-1
Surrogate: n-Octacosane (50-125%)				*661 %*				*Z3*

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-01 (PNL-BA03-Stockpile - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E16013	100	**860**	100	5/16/2004	5/16/2004	
Bromobenzene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
Bromochloromethane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
Bromodichloromethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Bromoform	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
Bromomethane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
n-Butylbenzene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
sec-Butylbenzene	EPA 8260B	4E16013	250	**1200**	100	5/16/2004	5/16/2004	
tert-Butylbenzene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
Carbon tetrachloride	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
Chlorobenzene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Chloroethane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
Chloroform	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Chloromethane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
2-Chlorotoluene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
4-Chlorotoluene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
Dibromochloromethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Dibromomethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,2-Dichlorobenzene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,3-Dichlorobenzene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,4-Dichlorobenzene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Dichlorodifluoromethane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
1,1-Dichloroethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,2-Dichloroethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,1-Dichloroethene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,2-Dichloropropane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,3-Dichloropropane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
2,2-Dichloropropane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,1-Dichloropropene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Ethylbenzene	EPA 8260B	4E16013	100	**3500**	100	5/16/2004	5/16/2004	
Hexachlorobutadiene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
Isopropylbenzene	EPA 8260B	4E16013	100	**1800**	100	5/16/2004	5/16/2004	
p-Isopropyltoluene	EPA 8260B	4E16013	100	**2100**	100	5/16/2004	5/16/2004	
Methylene chloride	EPA 8260B	4E16013	1000	ND	100	5/16/2004	5/16/2004	
Naphthalene	EPA 8260B	4E16013	250	**6700**	100	5/16/2004	5/16/2004	

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-01 (PNL-BA03-Stockpile - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E16013	100	**2600**	100	5/16/2004	5/16/2004	
Styrene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Tetrachloroethene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Toluene	EPA 8260B	4E16013	100	**220**	100	5/16/2004	5/16/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
1,1,1-Trichloroethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,1,2-Trichloroethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Trichloroethene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Trichlorofluoromethane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
1,2,3-Trichloropropane	EPA 8260B	4E16013	500	ND	100	5/16/2004	5/16/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E16013	100	**9100**	100	5/16/2004	5/16/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E16013	100	**3000**	100	5/16/2004	5/16/2004	
Vinyl chloride	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
o-Xylene	EPA 8260B	4E16013	100	**4800**	100	5/16/2004	5/16/2004	
m,p-Xylenes	EPA 8260B	4E16013	100	**9900**	100	5/16/2004	5/16/2004	
Surrogate: Dibromofluoromethane (50-160%)				*105 %*				
Surrogate: Toluene-d8 (60-160%)				*105 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*107 %*				

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-02 (PNL-BA11-Stockpile - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
Bromobenzene	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
Bromochloromethane	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
Bromodichloromethane	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
Bromoform	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
Bromomethane	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
n-Butylbenzene	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
sec-Butylbenzene	EPA 8260B	4E16013	5000	**59000**	2000	5/16/2004	5/18/2004	
tert-Butylbenzene	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
Carbon tetrachloride	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	C
Chlorobenzene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
Chloroethane	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
Chloroform	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
Chloromethane	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
2-Chlorotoluene	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
4-Chlorotoluene	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
Dibromochloromethane	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
Dibromomethane	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
1,2-Dichlorobenzene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
1,3-Dichlorobenzene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
1,4-Dichlorobenzene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
Dichlorodifluoromethane	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
1,1-Dichloroethane	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
1,2-Dichloroethane	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
1,1-Dichloroethene	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
1,2-Dichloropropane	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
1,3-Dichloropropane	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
2,2-Dichloropropane	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
1,1-Dichloropropene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
Ethylbenzene	EPA 8260B	4E16013	2000	**120000**	2000	5/16/2004	5/18/2004	
Hexachlorobutadiene	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
Isopropylbenzene	EPA 8260B	4E16013	2000	**110000**	2000	5/16/2004	5/18/2004	
p-Isopropyltoluene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
Methylene chloride	EPA 8260B	4E16013	20000	ND	2000	5/16/2004	5/18/2004	
Naphthalene	EPA 8260B	4E16013	5000	**70000**	2000	5/16/2004	5/18/2004	

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Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-02 (PNL-BA11-Stockpile - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E16013	2000	**6900**	2000	5/16/2004	5/18/2004	
Styrene	EPA 8260B	4E16013	2000	**150000**	2000	5/16/2004	5/18/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
Tetrachloroethene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
Toluene	EPA 8260B	4E16013	2000	**2500**	2000	5/16/2004	5/18/2004	
1,2,3-Trichlorobenzene	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
1,1,1-Trichloroethane	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
1,1,2-Trichloroethane	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
Trichloroethene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
Trichlorofluoromethane	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
1,2,3-Trichloropropane	EPA 8260B	4E16013	10000	ND	2000	5/16/2004	5/18/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
1,3,5-Trimethylbenzene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
Vinyl chloride	EPA 8260B	4E16013	5000	ND	2000	5/16/2004	5/18/2004	
o-Xylene	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
m,p-Xylenes	EPA 8260B	4E16013	2000	ND	2000	5/16/2004	5/18/2004	
Surrogate: Dibromofluoromethane (50-160%)				*94 %*				*Z3*
Surrogate: Toluene-d8 (60-160%)				*83 %*				*Z3*
Surrogate: 4-Bromofluorobenzene (60-150%)				*104 %*				*Z3*

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Geosyntec Consultants/Project Navigator - Ascon
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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-03 (PNL-BA13-Stockpile - Soil)								
Reporting Units: ug/kg								
Benzene	EPA 8260B	4E16013	100	**160**	100	5/16/2004	5/16/2004	
Bromobenzene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
Bromochloromethane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
Bromodichloromethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Bromoform	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
Bromomethane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
n-Butylbenzene	EPA 8260B	4E16013	250	**1800**	100	5/16/2004	5/16/2004	M2
sec-Butylbenzene	EPA 8260B	4E16013	250	**1300**	100	5/16/2004	5/16/2004	M2
tert-Butylbenzene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
Carbon tetrachloride	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
Chlorobenzene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Chloroethane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
Chloroform	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Chloromethane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
2-Chlorotoluene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
4-Chlorotoluene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
Dibromochloromethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,2-Dibromo-3-chloropropane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
1,2-Dibromoethane (EDB)	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Dibromomethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,2-Dichlorobenzene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,3-Dichlorobenzene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,4-Dichlorobenzene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Dichlorodifluoromethane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
1,1-Dichloroethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,2-Dichloroethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,1-Dichloroethene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
cis-1,2-Dichloroethene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
trans-1,2-Dichloroethene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,2-Dichloropropane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,3-Dichloropropane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
2,2-Dichloropropane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,1-Dichloropropene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
cis-1,3-Dichloropropene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
trans-1,3-Dichloropropene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Ethylbenzene	EPA 8260B	4E16013	100	**1600**	100	5/16/2004	5/16/2004	M2
Hexachlorobutadiene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	M2
Isopropylbenzene	EPA 8260B	4E16013	100	**1700**	100	5/16/2004	5/16/2004	M2
p-Isopropyltoluene	EPA 8260B	4E16013	100	**1200**	100	5/16/2004	5/16/2004	M2
Methylene chloride	EPA 8260B	4E16013	1000	ND	100	5/16/2004	5/16/2004	
Naphthalene	EPA 8260B	4E16013	250	**4800**	100	5/16/2004	5/16/2004	M2

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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-03 (PNL-BA13-Stockpile - Soil) - cont.								
Reporting Units: ug/kg								
n-Propylbenzene	EPA 8260B	4E16013	100	**3200**	100	5/16/2004	5/16/2004	M2
Styrene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,1,1,2-Tetrachloroethane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
1,1,2,2-Tetrachloroethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Tetrachloroethene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Toluene	EPA 8260B	4E16013	100	**1300**	100	5/16/2004	5/16/2004	M2
1,2,3-Trichlorobenzene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
1,2,4-Trichlorobenzene	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
1,1,1-Trichloroethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
1,1,2-Trichloroethane	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Trichloroethene	EPA 8260B	4E16013	100	ND	100	5/16/2004	5/16/2004	
Trichlorofluoromethane	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
1,2,3-Trichloropropane	EPA 8260B	4E16013	500	ND	100	5/16/2004	5/16/2004	
1,2,4-Trimethylbenzene	EPA 8260B	4E16013	100	**8500**	100	5/16/2004	5/16/2004	M2
1,3,5-Trimethylbenzene	EPA 8260B	4E16013	100	**4100**	100	5/16/2004	5/16/2004	M2
Vinyl chloride	EPA 8260B	4E16013	250	ND	100	5/16/2004	5/16/2004	
o-Xylene	EPA 8260B	4E16013	100	**3100**	100	5/16/2004	5/16/2004	M2
m,p-Xylenes	EPA 8260B	4E16013	100	**3500**	100	5/16/2004	5/16/2004	M2
Surrogate: Dibromofluoromethane (50-160%)				*105 %*				
Surrogate: Toluene-d8 (60-160%)				*113 %*				
Surrogate: 4-Bromofluorobenzene (60-150%)				*106 %*				

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SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-01 (PNL-BA03-Stockpile - Soil)								**RL-2**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Acenaphthylene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Aniline	EPA 8270C	4E14041	6300	ND	15	5/14/2004	5/20/2004	
Anthracene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Benzidine	EPA 8270C	4E14041	9900	ND	15	5/14/2004	5/20/2004	
Benzoic acid	EPA 8270C	4E14041	12000	ND	15	5/14/2004	5/20/2004	
Benzo(a)anthracene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Benzo(b)fluoranthene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	L
Benzo(k)fluoranthene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	L
Benzo(g,h,i)perylene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Benzo(a)pyrene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	L
Benzyl alcohol	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4E14041	2500	ND	15	5/14/2004	5/20/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Butyl benzyl phthalate	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
4-Chloroaniline	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
2-Chloronaphthalene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
4-Chloro-3-methylphenol	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
2-Chlorophenol	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Chrysene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Dibenz(a,h)anthracene	EPA 8270C	4E14041	6300	ND	15	5/14/2004	5/20/2004	
Dibenzofuran	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Di-n-butyl phthalate	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
1,3-Dichlorobenzene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
1,4-Dichlorobenzene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
1,2-Dichlorobenzene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
3,3-Dichlorobenzidine	EPA 8270C	4E14041	12000	ND	15	5/14/2004	5/20/2004	
2,4-Dichlorophenol	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Diethyl phthalate	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
2,4-Dimethylphenol	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Dimethyl phthalate	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4E14041	6300	ND	15	5/14/2004	5/20/2004	
2,4-Dinitrophenol	EPA 8270C	4E14041	6300	ND	15	5/14/2004	5/20/2004	
2,4-Dinitrotoluene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
2,6-Dinitrotoluene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Di-n-octyl phthalate	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Fluoranthene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	

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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-01 (PNL-BA03-Stockpile - Soil) - cont.								**RL-2**
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Hexachlorobenzene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Hexachlorobutadiene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Hexachlorocyclopentadiene	EPA 8270C	4E14041	12000	ND	15	5/14/2004	5/20/2004	
Hexachloroethane	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Isophorone	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
2-Methylnaphthalene	EPA 8270C	4E14041	5000	**8400**	15	5/14/2004	5/20/2004	
2-Methylphenol	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
4-Methylphenol	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Naphthalene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
2-Nitroaniline	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
3-Nitroaniline	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
4-Nitroaniline	EPA 8270C	4E14041	12000	ND	15	5/14/2004	5/20/2004	
Nitrobenzene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
2-Nitrophenol	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
4-Nitrophenol	EPA 8270C	4E14041	12000	ND	15	5/14/2004	5/20/2004	
n-Nitrosodiphenylamine	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
n-Nitroso-di-n-propylamine	EPA 8270C	4E14041	3800	ND	15	5/14/2004	5/20/2004	
Pentachlorophenol	EPA 8270C	4E14041	12000	ND	15	5/14/2004	5/20/2004	
Phenanthrene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Phenol	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Pyrene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
2,4,5-Trichlorophenol	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
2,4,6-Trichlorophenol	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4E14041	5000	ND	15	5/14/2004	5/20/2004	
Surrogate: 2-Fluorophenol (25-120%)				*62 %*				
Surrogate: Phenol-d6 (30-120%)				*70 %*				
Surrogate: 2,4,6-Tribromophenol (35-120%)				*87 %*				
Surrogate: Nitrobenzene-d5 (30-120%)				*68 %*				
Surrogate: 2-Fluorobiphenyl (35-120%)				*				*Z*
Surrogate: Terphenyl-d14 (35-155%)				*75 %*				

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Project ID: Ascon - Soils
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Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-02 (PNL-BA11-Stockpile - Soil)								
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Acenaphthylene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Aniline	EPA 8270C	4E14041	16000	ND	37.5	5/14/2004	5/20/2004	
Anthracene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Benzidine	EPA 8270C	4E14041	25000	ND	37.5	5/14/2004	5/20/2004	
Benzoic acid	EPA 8270C	4E14041	31000	ND	37.5	5/14/2004	5/20/2004	
Benzo(a)anthracene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Benzo(b)fluoranthene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	L
Benzo(k)fluoranthene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	L
Benzo(g,h,i)perylene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Benzo(a)pyrene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	L
Benzyl alcohol	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4E14041	6300	ND	37.5	5/14/2004	5/20/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Butyl benzyl phthalate	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
4-Chloroaniline	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
2-Chloronaphthalene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
4-Chloro-3-methylphenol	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
2-Chlorophenol	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Chrysene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Dibenz(a,h)anthracene	EPA 8270C	4E14041	16000	ND	37.5	5/14/2004	5/20/2004	
Dibenzofuran	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Di-n-butyl phthalate	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
1,3-Dichlorobenzene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
1,4-Dichlorobenzene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
1,2-Dichlorobenzene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
3,3-Dichlorobenzidine	EPA 8270C	4E14041	31000	ND	37.5	5/14/2004	5/20/2004	
2,4-Dichlorophenol	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Diethyl phthalate	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
2,4-Dimethylphenol	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Dimethyl phthalate	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4E14041	16000	ND	37.5	5/14/2004	5/20/2004	
2,4-Dinitrophenol	EPA 8270C	4E14041	16000	ND	37.5	5/14/2004	5/20/2004	
2,4-Dinitrotoluene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
2,6-Dinitrotoluene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Di-n-octyl phthalate	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Fluoranthene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	

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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: INE0764

Sampled: 05/12/04
Received: 05/13/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-02 (PNL-BA11-Stockpile - Soil) - cont.								
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Hexachlorobenzene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Hexachlorobutadiene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Hexachlorocyclopentadiene	EPA 8270C	4E14041	31000	ND	37.5	5/14/2004	5/20/2004	
Hexachloroethane	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Isophorone	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
2-Methylnaphthalene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
2-Methylphenol	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
4-Methylphenol	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Naphthalene	EPA 8270C	4E14041	12000	**16000**	37.5	5/14/2004	5/20/2004	
2-Nitroaniline	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
3-Nitroaniline	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
4-Nitroaniline	EPA 8270C	4E14041	31000	ND	37.5	5/14/2004	5/20/2004	
Nitrobenzene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
2-Nitrophenol	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
4-Nitrophenol	EPA 8270C	4E14041	31000	ND	37.5	5/14/2004	5/20/2004	
n-Nitrosodiphenylamine	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
n-Nitroso-di-n-propylamine	EPA 8270C	4E14041	9400	ND	37.5	5/14/2004	5/20/2004	
Pentachlorophenol	EPA 8270C	4E14041	31000	ND	37.5	5/14/2004	5/20/2004	
Phenanthrene	EPA 8270C	4E14041	12000	**110000**	37.5	5/14/2004	5/20/2004	
Phenol	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Pyrene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
2,4,5-Trichlorophenol	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
2,4,6-Trichlorophenol	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4E14041	12000	ND	37.5	5/14/2004	5/20/2004	
Surrogate: 2-Fluorophenol (25-120%)				*45 %*				*Z3*
Surrogate: Phenol-d6 (30-120%)				*40 %*				*Z3*
Surrogate: 2,4,6-Tribromophenol (35-120%)				*44 %*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*44 %*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*				*Z3*
Surrogate: Terphenyl-d14 (35-155%)				*26 %*				*Z3*

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Attention: Mike Reardon

Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-03 (PNL-BA13-Stockpile - Soil)								**RL-1**
Reporting Units: ug/kg								
Acenaphthene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Acenaphthylene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Aniline	EPA 8270C	4E14041	63000	ND	150	5/14/2004	5/20/2004	
Anthracene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Benzidine	EPA 8270C	4E14041	99000	ND	150	5/14/2004	5/20/2004	
Benzoic acid	EPA 8270C	4E14041	120000	ND	150	5/14/2004	5/20/2004	
Benzo(a)anthracene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Benzo(b)fluoranthene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	L
Benzo(k)fluoranthene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	L
Benzo(g,h,i)perylene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Benzo(a)pyrene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	L
Benzyl alcohol	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Bis(2-chloroethoxy)methane	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Bis(2-chloroethyl)ether	EPA 8270C	4E14041	25000	ND	150	5/14/2004	5/20/2004	
Bis(2-chloroisopropyl)ether	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Bis(2-ethylhexyl)phthalate	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
4-Bromophenyl phenyl ether	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Butyl benzyl phthalate	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
4-Chloroaniline	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
2-Chloronaphthalene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
4-Chloro-3-methylphenol	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
2-Chlorophenol	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
4-Chlorophenyl phenyl ether	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Chrysene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Dibenz(a,h)anthracene	EPA 8270C	4E14041	63000	ND	150	5/14/2004	5/20/2004	
Dibenzofuran	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Di-n-butyl phthalate	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
1,3-Dichlorobenzene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
1,4-Dichlorobenzene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
1,2-Dichlorobenzene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
3,3-Dichlorobenzidine	EPA 8270C	4E14041	120000	ND	150	5/14/2004	5/20/2004	
2,4-Dichlorophenol	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Diethyl phthalate	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
2,4-Dimethylphenol	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Dimethyl phthalate	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
4,6-Dinitro-2-methylphenol	EPA 8270C	4E14041	63000	ND	150	5/14/2004	5/20/2004	
2,4-Dinitrophenol	EPA 8270C	4E14041	63000	ND	150	5/14/2004	5/20/2004	
2,4-Dinitrotoluene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
2,6-Dinitrotoluene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Di-n-octyl phthalate	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Fluoranthene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	

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Geosyntec Consultants/Project Navigator - Ascon
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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-03 (PNL-BA13-Stockpile - Soil) - cont.								**RL-1**
Reporting Units: ug/kg								
Fluorene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Hexachlorobenzene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Hexachlorobutadiene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Hexachlorocyclopentadiene	EPA 8270C	4E14041	120000	ND	150	5/14/2004	5/20/2004	
Hexachloroethane	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Indeno(1,2,3-cd)pyrene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Isophorone	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
2-Methylnaphthalene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
2-Methylphenol	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
4-Methylphenol	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Naphthalene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
2-Nitroaniline	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
3-Nitroaniline	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
4-Nitroaniline	EPA 8270C	4E14041	120000	ND	150	5/14/2004	5/20/2004	
Nitrobenzene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
2-Nitrophenol	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
4-Nitrophenol	EPA 8270C	4E14041	120000	ND	150	5/14/2004	5/20/2004	
n-Nitrosodiphenylamine	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
n-Nitroso-di-n-propylamine	EPA 8270C	4E14041	38000	ND	150	5/14/2004	5/20/2004	
Pentachlorophenol	EPA 8270C	4E14041	120000	ND	150	5/14/2004	5/20/2004	
Phenanthrene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Phenol	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Pyrene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
1,2,4-Trichlorobenzene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
2,4,5-Trichlorophenol	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
2,4,6-Trichlorophenol	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
1,2-Diphenylhydrazine/Azobenzene	EPA 8270C	4E14041	50000	ND	150	5/14/2004	5/20/2004	
Surrogate: 2-Fluorophenol (25-120%)				*35 %*				*Z3*
Surrogate: Phenol-d6 (30-120%)				*53 %*				*Z3*
Surrogate: 2,4,6-Tribromophenol (35-120%)				*64 %*				*Z3*
Surrogate: Nitrobenzene-d5 (30-120%)				*112 %*				*Z3*
Surrogate: 2-Fluorobiphenyl (35-120%)				*				*Z3*
Surrogate: Terphenyl-d14 (35-155%)				*				*Z3*

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Attention: Mike Reardon

Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-01 (PNL-BA03-Stockpile - Soil)								
Reporting Units: mg/kg								
Antimony	EPA 6010B	4E14076	10	ND	1	5/14/2004	5/14/2004	
Arsenic	EPA 6010B	4E14076	2.0	**8.3**	1	5/14/2004	5/14/2004	
Barium	EPA 6010B	4E14076	1.0	**510**	1	5/14/2004	5/14/2004	
Beryllium	EPA 6010B	4E14076	0.50	ND	1	5/14/2004	5/14/2004	
Cadmium	EPA 6010B	4E14076	0.50	**0.68**	1	5/14/2004	5/14/2004	
Chromium	EPA 6010B	4E14076	1.0	**25**	1	5/14/2004	5/14/2004	
Cobalt	EPA 6010B	4E14076	1.0	**5.3**	1	5/14/2004	5/14/2004	
Copper	EPA 6010B	4E14076	2.0	**26**	1	5/14/2004	5/14/2004	
Lead	EPA 6010B	4E14076	2.0	**50**	1	5/14/2004	5/14/2004	
Mercury	EPA 7471A	4E18075	0.020	**0.078**	1	5/18/2004	5/18/2004	
Molybdenum	EPA 6010B	4E14076	2.0	**2.0**	1	5/14/2004	5/14/2004	
Nickel	EPA 6010B	4E14076	2.0	**28**	1	5/14/2004	5/14/2004	
Selenium	EPA 6010B	4E14076	2.0	ND	1	5/14/2004	5/14/2004	
Silver	EPA 6010B	4E14076	1.0	ND	1	5/14/2004	5/14/2004	
Thallium	EPA 6010B	4E14076	10	ND	1	5/14/2004	5/14/2004	
Vanadium	EPA 6010B	4E14076	1.0	**33**	1	5/14/2004	5/14/2004	
Zinc	EPA 6010B	4E14076	5.0	**130**	1	5/14/2004	5/14/2004	
Sample ID: INE0764-02 (PNL-BA11-Stockpile - Soil)								
Reporting Units: mg/kg								
Antimony	EPA 6010B	4E14076	10	ND	1	5/14/2004	5/14/2004	
Arsenic	EPA 6010B	4E14076	2.0	**3.1**	1	5/14/2004	5/14/2004	
Barium	EPA 6010B	4E14076	1.0	**35**	1	5/14/2004	5/14/2004	
Beryllium	EPA 6010B	4E14076	0.50	ND	1	5/14/2004	5/14/2004	
Cadmium	EPA 6010B	4E14076	0.50	ND	1	5/14/2004	5/14/2004	
Chromium	EPA 6010B	4E14076	1.0	**10**	1	5/14/2004	5/14/2004	
Cobalt	EPA 6010B	4E14076	1.0	**3.2**	1	5/14/2004	5/14/2004	
Copper	EPA 6010B	4E14076	2.0	**8.2**	1	5/14/2004	5/14/2004	
Lead	EPA 6010B	4E14076	2.0	**4.0**	1	5/14/2004	5/14/2004	
Mercury	EPA 7471A	4E18075	0.020	ND	1	5/18/2004	5/18/2004	
Molybdenum	EPA 6010B	4E14076	2.0	ND	1	5/14/2004	5/14/2004	
Nickel	EPA 6010B	4E14076	2.0	**6.0**	1	5/14/2004	5/14/2004	
Selenium	EPA 6010B	4E14076	2.0	ND	1	5/14/2004	5/14/2004	
Silver	EPA 6010B	4E14076	1.0	ND	1	5/14/2004	5/14/2004	
Thallium	EPA 6010B	4E14076	10	ND	1	5/14/2004	5/14/2004	
Vanadium	EPA 6010B	4E14076	1.0	**19**	1	5/14/2004	5/14/2004	
Zinc	EPA 6010B	4E14076	5.0	**25**	1	5/14/2004	5/14/2004	

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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

METALS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-03 (PNL-BA13-Stockpile - Soil)								
Reporting Units: mg/kg								
Antimony	EPA 6010B	4E14076	10	ND	1	5/14/2004	5/14/2004	
Arsenic	EPA 6010B	4E14076	2.0	**64**	1	5/14/2004	5/14/2004	
Barium	EPA 6010B	4E14076	1.0	**1300**	1	5/14/2004	5/14/2004	
Beryllium	EPA 6010B	4E14076	0.50	ND	1	5/14/2004	5/14/2004	
Cadmium	EPA 6010B	4E14076	0.50	ND	1	5/14/2004	5/14/2004	
Chromium	EPA 6010B	4E14076	1.0	**24**	1	5/14/2004	5/14/2004	
Cobalt	EPA 6010B	4E14076	1.0	**2.8**	1	5/14/2004	5/14/2004	
Copper	EPA 6010B	4E14076	2.0	**22**	1	5/14/2004	5/14/2004	
Lead	EPA 6010B	4E14076	2.0	**53**	1	5/14/2004	5/14/2004	
Mercury	EPA 7471A	4E18075	0.020	**0.82**	1	5/18/2004	5/18/2004	
Molybdenum	EPA 6010B	4E14076	2.0	ND	1	5/14/2004	5/14/2004	
Nickel	EPA 6010B	4E14076	2.0	**20**	1	5/14/2004	5/14/2004	
Selenium	EPA 6010B	4E14076	2.0	ND	1	5/14/2004	5/14/2004	
Silver	EPA 6010B	4E14076	1.0	ND	1	5/14/2004	5/14/2004	
Thallium	EPA 6010B	4E14076	10	ND	1	5/14/2004	5/14/2004	
Vanadium	EPA 6010B	4E14076	1.0	**25**	1	5/14/2004	5/14/2004	
Zinc	EPA 6010B	4E14076	5.0	**61**	1	5/14/2004	5/14/2004	

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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

INORGANICS

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-01 (PNL-BA03-Stockpile - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4E19074	0.20	ND	1	5/19/2004	5/20/2004	M2
Oil & Grease	EPA 413.2 MOD.	4E19094	300	**15000**	60	5/19/2004	5/19/2004	
Sample ID: INE0764-01 (PNL-BA03-Stockpile - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4E13092	NA	Not Ignitable	1	5/13/2004	5/13/2004	
Reactivity with water	SW846 7.3.2.1	4E21110	1.0	ND	1	5/21/2004	5/21/2004	
Sample ID: INE0764-01 (PNL-BA03-Stockpile - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4E13089	NA	**9.75**	1	5/13/2004	5/13/2004	
Sample ID: INE0764-02 (PNL-BA11-Stockpile - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4E19074	0.20	ND	1	5/19/2004	5/20/2004	
Oil & Grease	EPA 413.2 MOD.	4E19094	30	**1500**	6	5/19/2004	5/19/2004	
Sample ID: INE0764-02 (PNL-BA11-Stockpile - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4E13092	NA	Not Ignitable	1	5/13/2004	5/13/2004	
Reactivity with water	SW846 7.3.2.1	4E21110	1.0	ND	1	5/21/2004	5/21/2004	
Sample ID: INE0764-02 (PNL-BA11-Stockpile - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4E13089	NA	**8.15**	1	5/13/2004	5/13/2004	
Sample ID: INE0764-03 (PNL-BA13-Stockpile - Soil)								
Reporting Units: mg/kg								
Chromium VI	EPA 7199	4E19074	0.20	ND	1	5/19/2004	5/20/2004	
Oil & Grease	EPA 413.2 MOD.	4E19094	500	**25000**	100	5/19/2004	5/19/2004	
Sample ID: INE0764-03 (PNL-BA13-Stockpile - Soil)								
Reporting Units: N/A								
Ignitability	SW846 7.1.2	4E13092	NA	Not Ignitable	1	5/13/2004	5/13/2004	
Reactivity with water	SW846 7.3.2.1	4E21110	1.0	ND	1	5/21/2004	5/21/2004	
Sample ID: INE0764-03 (PNL-BA13-Stockpile - Soil)								
Reporting Units: pH Units								
pH	EPA 9045C	4E13089	NA	**9.18**	1	5/13/2004	5/13/2004	

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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

Organochlorine Pesticides by EPA Method 8081A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-01 (PNL-BA03-Stockpile - Soil)								**C-06, R-05**
Reporting Units: ug/kg								
Aldrin	EPA 8081A	4E19004	10	ND	10	5/18/2004	5/19/2004	
alpha-BHC	EPA 8081A	4E19004	10	ND	10	5/18/2004	5/19/2004	
beta-BHC	EPA 8081A	4E19004	10	ND	10	5/18/2004	5/19/2004	
delta-BHC	EPA 8081A	4E19004	10	ND	10	5/18/2004	5/19/2004	
gamma-BHC (Lindane)	EPA 8081A	4E19004	10	ND	10	5/18/2004	5/19/2004	
Chlordane (tech)	EPA 8081A	4E19004	200	ND	10	5/18/2004	5/19/2004	
4,4´-DDD	EPA 8081A	4E19004	60	ND	10	5/18/2004	5/19/2004	
4,4´-DDE	EPA 8081A	4E19004	20	ND	10	5/18/2004	5/19/2004	
4,4´-DDT	EPA 8081A	4E19004	60	ND	10	5/18/2004	5/19/2004	
Dieldrin	EPA 8081A	4E19004	20	ND	10	5/18/2004	5/19/2004	
Endosulfan I	EPA 8081A	4E19004	20	ND	10	5/18/2004	5/19/2004	
Endosulfan II	EPA 8081A	4E19004	20	ND	10	5/18/2004	5/19/2004	
Endosulfan sulfate	EPA 8081A	4E19004	60	ND	10	5/18/2004	5/19/2004	
Endrin	EPA 8081A	4E19004	20	ND	10	5/18/2004	5/19/2004	
Endrin aldehyde	EPA 8081A	4E19004	60	ND	10	5/18/2004	5/19/2004	
Endrin ketone	EPA 8081A	4E19004	60	ND	10	5/18/2004	5/19/2004	
Heptachlor	EPA 8081A	4E19004	10	ND	10	5/18/2004	5/19/2004	
Heptachlor epoxide	EPA 8081A	4E19004	10	ND	10	5/18/2004	5/19/2004	
Methoxychlor	EPA 8081A	4E19004	200	ND	10	5/18/2004	5/19/2004	
Toxaphene	EPA 8081A	4E19004	800	ND	10	5/18/2004	5/19/2004	
Surrogate: Tetrachloro-m-xylene (66-116%)				*67.1 %*				
Surrogate: Decachlorobiphenyl (42-153%)				*				*S08*

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Sampled: 05/12/04
Received: 05/13/04

Organochlorine Pesticides by EPA Method 8081A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-02 (PNL-BA11-Stockpile - Soil)								**C-06, R-05**
Reporting Units: ug/kg								
Aldrin	EPA 8081A	4E19004	200	ND	200	5/18/2004	5/25/2004	
alpha-BHC	EPA 8081A	4E19004	200	ND	200	5/18/2004	5/25/2004	
beta-BHC	EPA 8081A	4E19004	200	**540**	200	5/18/2004	5/25/2004	
delta-BHC	EPA 8081A	4E19004	200	ND	200	5/18/2004	5/25/2004	
gamma-BHC (Lindane)	EPA 8081A	4E19004	200	ND	200	5/18/2004	5/25/2004	
Chlordane (tech)	EPA 8081A	4E19004	4000	ND	200	5/18/2004	5/25/2004	
4,4´-DDD	EPA 8081A	4E19004	1200	ND	200	5/18/2004	5/25/2004	
4,4´-DDE	EPA 8081A	4E19004	400	ND	200	5/18/2004	5/25/2004	
4,4´-DDT	EPA 8081A	4E19004	1200	ND	200	5/18/2004	5/25/2004	
Dieldrin	EPA 8081A	4E19004	400	ND	200	5/18/2004	5/25/2004	
Endosulfan I	EPA 8081A	4E19004	400	ND	200	5/18/2004	5/25/2004	
Endosulfan II	EPA 8081A	4E19004	400	ND	200	5/18/2004	5/25/2004	
Endosulfan sulfate	EPA 8081A	4E19004	1200	ND	200	5/18/2004	5/25/2004	
Endrin	EPA 8081A	4E19004	400	ND	200	5/18/2004	5/25/2004	
Endrin aldehyde	EPA 8081A	4E19004	1200	ND	200	5/18/2004	5/25/2004	
Endrin ketone	EPA 8081A	4E19004	1200	ND	200	5/18/2004	5/25/2004	
Heptachlor	EPA 8081A	4E19004	200	ND	200	5/18/2004	5/25/2004	
Heptachlor epoxide	EPA 8081A	4E19004	200	**670**	200	5/18/2004	5/25/2004	
Methoxychlor	EPA 8081A	4E19004	4000	ND	200	5/18/2004	5/25/2004	
Toxaphene	EPA 8081A	4E19004	16000	ND	200	5/18/2004	5/25/2004	
Surrogate: Tetrachloro-m-xylene (66-116%)				*				*S08*
Surrogate: Decachlorobiphenyl (42-153%)				*				*S08*

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SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

Organochlorine Pesticides by EPA Method 8081A

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-03 (PNL-BA13-Stockpile - Soil)								**C-06, R-05**
Reporting Units: ug/kg								
Aldrin	EPA 8081A	4E19004	10	**50**	10	5/18/2004	5/19/2004	CF1
alpha-BHC	EPA 8081A	4E19004	10	ND	10	5/18/2004	5/19/2004	
beta-BHC	EPA 8081A	4E19004	10	**14**	10	5/18/2004	5/19/2004	CF1
delta-BHC	EPA 8081A	4E19004	10	ND	10	5/18/2004	5/19/2004	
gamma-BHC (Lindane)	EPA 8081A	4E19004	10	ND	10	5/18/2004	5/19/2004	
Chlordane (tech)	EPA 8081A	4E19004	200	ND	10	5/18/2004	5/19/2004	
4,4´-DDD	EPA 8081A	4E19004	60	ND	10	5/18/2004	5/19/2004	
4,4´-DDE	EPA 8081A	4E19004	20	**93**	10	5/18/2004	5/19/2004	CF1
4,4´-DDT	EPA 8081A	4E19004	60	ND	10	5/18/2004	5/19/2004	
Dieldrin	EPA 8081A	4E19004	20	ND	10	5/18/2004	5/19/2004	
Endosulfan I	EPA 8081A	4E19004	20	**71**	10	5/18/2004	5/19/2004	
Endosulfan II	EPA 8081A	4E19004	20	ND	10	5/18/2004	5/19/2004	
Endosulfan sulfate	EPA 8081A	4E19004	60	ND	10	5/18/2004	5/19/2004	
Endrin	EPA 8081A	4E19004	20	ND	10	5/18/2004	5/19/2004	
Endrin aldehyde	EPA 8081A	4E19004	60	ND	10	5/18/2004	5/19/2004	
Endrin ketone	EPA 8081A	4E19004	60	ND	10	5/18/2004	5/19/2004	
Heptachlor	EPA 8081A	4E19004	10	ND	10	5/18/2004	5/19/2004	
Heptachlor epoxide	EPA 8081A	4E19004	10	**30**	10	5/18/2004	5/19/2004	CF1
Methoxychlor	EPA 8081A	4E19004	200	ND	10	5/18/2004	5/19/2004	
Toxaphene	EPA 8081A	4E19004	800	ND	10	5/18/2004	5/19/2004	
Surrogate: Tetrachloro-m-xylene (66-116%)				*57.7 %*				*S08*
Surrogate: Decachlorobiphenyl (42-153%)				*68.2 %*				

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Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

Polychlorinated Biphenyls (as Aroclors) by EPA Method 8082

Analyte	Method	Batch	Reporting Limit	Sample Result	Dilution Factor	Date Extracted	Date Analyzed	Data Qualifiers
Sample ID: INE0764-01 (PNL-BA03-Stockpile - Soil)								**R-05**
Reporting Units: ug/kg								
PCB-1016	EPA 8082	4E18024	200	ND	10	5/18/2004	5/19/2004	C-06
PCB-1221	EPA 8082	4E18024	800	ND	10	5/18/2004	5/19/2004	C-06
PCB-1232	EPA 8082	4E18024	200	ND	10	5/18/2004	5/19/2004	C-06
PCB-1242	EPA 8082	4E18024	200	ND	10	5/18/2004	5/19/2004	C-06
PCB-1248	EPA 8082	4E18024	200	ND	10	5/18/2004	5/19/2004	C-06
PCB-1254	EPA 8082	4E18024	200	ND	10	5/18/2004	5/19/2004	C-06
PCB-1260	EPA 8082	4E18024	200	ND	10	5/18/2004	5/19/2004	C-06
PCB-1268	EPA 8082	4E18024	200	ND	10	5/18/2004	5/19/2004	C-06
Surrogate: Tetrachloro-m-xylene (23-151%)				*88.0 %*				*C-06*
Surrogate: Decachlorobiphenyl (26-142%)				*77.5 %*				*C-06*
Sample ID: INE0764-02 (PNL-BA11-Stockpile - Soil)								**C-06, R-05**
Reporting Units: ug/kg								
PCB-1016	EPA 8082	4E18024	4000	ND	200	5/18/2004	5/22/2004	
PCB-1221	EPA 8082	4E18024	16000	ND	200	5/18/2004	5/22/2004	
PCB-1232	EPA 8082	4E18024	4000	ND	200	5/18/2004	5/22/2004	
PCB-1242	EPA 8082	4E18024	4000	ND	200	5/18/2004	5/22/2004	
PCB-1248	EPA 8082	4E18024	4000	ND	200	5/18/2004	5/22/2004	
PCB-1254	EPA 8082	4E18024	4000	ND	200	5/18/2004	5/22/2004	
PCB-1260	EPA 8082	4E18024	4000	ND	200	5/18/2004	5/22/2004	
PCB-1268	EPA 8082	4E18024	4000	ND	200	5/18/2004	5/22/2004	
Surrogate: Tetrachloro-m-xylene (23-151%)				*				*S08*
Surrogate: Decachlorobiphenyl (26-142%)				*				*S08*
Sample ID: INE0764-03 (PNL-BA13-Stockpile - Soil)								**R-05**
Reporting Units: ug/kg								
PCB-1016	EPA 8082	4E18024	200	ND	10	5/18/2004	5/19/2004	C-06
PCB-1221	EPA 8082	4E18024	800	ND	10	5/18/2004	5/19/2004	C-06
PCB-1232	EPA 8082	4E18024	200	ND	10	5/18/2004	5/19/2004	C-06
PCB-1242	EPA 8082	4E18024	200	ND	10	5/18/2004	5/19/2004	C-06
PCB-1248	EPA 8082	4E18024	200	**1100**	10	5/18/2004	5/19/2004	C-06
PCB-1254	EPA 8082	4E18024	200	ND	10	5/18/2004	5/19/2004	C-06
PCB-1260	EPA 8082	4E18024	200	ND	10	5/18/2004	5/19/2004	C-06
PCB-1268	EPA 8082	4E18024	200	ND	10	5/18/2004	5/19/2004	C-06
Surrogate: Tetrachloro-m-xylene (23-151%)				*125 %*				*C-06*
Surrogate: Decachlorobiphenyl (26-142%)				*132 %*				*C-06*

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Project ID: Ascon - Soils
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Sampled: 05/12/04
Received: 05/13/04

SHORT HOLD TIME DETAIL REPORT

	Hold Time (in days)	Date/Time Sampled	Date/Time Received	Date/Time Extracted	Date/Time Analyzed
Sample ID: PNL-BA03-Stockpile (INE0764-01) - Soil					
EPA 9045C	1	05/12/2004 13:45	05/13/2004 12:45	05/13/2004 15:30	05/13/2004 16:30
Sample ID: PNL-BA11-Stockpile (INE0764-02) - Soil					
EPA 9045C	1	05/12/2004 09:50	05/13/2004 12:45	05/13/2004 15:30	05/13/2004 16:30
Sample ID: PNL-BA13-Stockpile (INE0764-03) - Soil					
EPA 9045C	1	05/12/2004 16:30	05/13/2004 12:45	05/13/2004 15:30	05/13/2004 16:30

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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
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METHOD BLANK/QC DATA

TOTAL RECOVERABLE PETROLEUM HYDROCARBONS (EPA 418.1)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E18059 Extracted: 05/18/04										
Blank Analyzed: 05/18/04 (4E18059-BLK1)										
Total Recoverable Hydrocarbons	ND	5.0	mg/kg							
LCS Analyzed: 05/18/04 (4E18059-BS1)										
Total Recoverable Hydrocarbons	20.2	5.0	mg/kg	20.0		101	55-130			
Matrix Spike Analyzed: 05/18/04 (4E18059-MS1)					**Source: INE0764-03**					
Total Recoverable Hydrocarbons	30300	500	mg/kg	20.0	22000	41500	35-130			*M-HA*
Matrix Spike Dup Analyzed: 05/18/04 (4E18059-MSD1)					**Source: INE0764-03**					
Total Recoverable Hydrocarbons	19300	500	mg/kg	20.0	22000	-13500	35-130	44	25	*M-HA*

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EXTRACTABLE FUEL HYDROCARBONS (CADHS/8015 Modified)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E14064 Extracted: 05/14/04										
Blank Analyzed: 05/18/04 (4E14064-BLK1)										
GRO (C6 - C12)	ND	5.0	mg/kg							
DRO/ORO (C13 - C40)	5.70	5.0	mg/kg							*B*
EFH (C6 - C40)	6.23	5.0	mg/kg							*B*
Surrogate: n-Octacosane	*4.41*		*mg/kg*	*6.67*		*66*	*50-125*			
LCS Analyzed: 05/18/04 (4E14064-BS1)										
EFH (C6 - C40)	24.1	5.0	mg/kg	33.3		72	45-115			
Surrogate: n-Octacosane	*3.61*		*mg/kg*	*6.67*		*54*	*50-125*			
Matrix Spike Analyzed: 05/18/04 (4E14064-MS1)					**Source: INE0751-02**					
EFH (C6 - C40)	46.2	5.0	mg/kg	33.3	15	94	35-115			
Surrogate: n-Octacosane	*4.84*		*mg/kg*	*6.67*		*73*	*50-125*			
Matrix Spike Dup Analyzed: 05/18/04 (4E14064-MSD1)					**Source: INE0751-02**					
EFH (C6 - C40)	44.3	5.0	mg/kg	33.3	15	88	35-115	4	30	
Surrogate: n-Octacosane	*4.89*		*mg/kg*	*6.67*		*73*	*50-125*			

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E16013 Extracted: 05/16/04										
Blank Analyzed: 05/16/04 (4E16013-BLK1)										
Benzene	ND	100	ug/kg							
Bromobenzene	ND	250	ug/kg							
Bromochloromethane	ND	250	ug/kg							
Bromodichloromethane	ND	100	ug/kg							
Bromoform	ND	250	ug/kg							
Bromomethane	ND	250	ug/kg							
n-Butylbenzene	ND	250	ug/kg							
sec-Butylbenzene	ND	250	ug/kg							
tert-Butylbenzene	ND	250	ug/kg							
Carbon tetrachloride	ND	250	ug/kg							
Chlorobenzene	ND	100	ug/kg							
Chloroethane	ND	250	ug/kg							
Chloroform	ND	100	ug/kg							
Chloromethane	ND	250	ug/kg							
2-Chlorotoluene	ND	250	ug/kg							
4-Chlorotoluene	ND	250	ug/kg							
Dibromochloromethane	ND	100	ug/kg							
1,2-Dibromo-3-chloropropane	ND	250	ug/kg							
1,2-Dibromoethane (EDB)	ND	100	ug/kg							
Dibromomethane	ND	100	ug/kg							
1,2-Dichlorobenzene	ND	100	ug/kg							
1,3-Dichlorobenzene	ND	100	ug/kg							
1,4-Dichlorobenzene	ND	100	ug/kg							
Dichlorodifluoromethane	ND	250	ug/kg							
1,1-Dichloroethane	ND	100	ug/kg							
1,2-Dichloroethane	ND	100	ug/kg							
1,1-Dichloroethene	ND	250	ug/kg							
cis-1,2-Dichloroethene	ND	100	ug/kg							
trans-1,2-Dichloroethene	ND	100	ug/kg							
1,2-Dichloropropane	ND	100	ug/kg							
1,3-Dichloropropane	ND	100	ug/kg							
2,2-Dichloropropane	ND	100	ug/kg							
1,1-Dichloropropene	ND	100	ug/kg							
cis-1,3-Dichloropropene	ND	100	ug/kg							
trans-1,3-Dichloropropene	ND	100	ug/kg							

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E16013 Extracted: 05/16/04										
Blank Analyzed: 05/16/04 (4E16013-BLK1)										
Ethylbenzene	ND	100	ug/kg							
Hexachlorobutadiene	ND	250	ug/kg							
Isopropylbenzene	ND	100	ug/kg							
p-Isopropyltoluene	ND	100	ug/kg							
Methylene chloride	ND	1000	ug/kg							
Naphthalene	ND	250	ug/kg							
n-Propylbenzene	ND	100	ug/kg							
Styrene	ND	100	ug/kg							
1,1,1,2-Tetrachloroethane	ND	250	ug/kg							
1,1,2,2-Tetrachloroethane	ND	100	ug/kg							
Tetrachloroethene	ND	100	ug/kg							
Toluene	ND	100	ug/kg							
1,2,3-Trichlorobenzene	ND	250	ug/kg							
1,2,4-Trichlorobenzene	ND	250	ug/kg							
1,1,1-Trichloroethane	ND	100	ug/kg							
1,1,2-Trichloroethane	ND	100	ug/kg							
Trichloroethene	ND	100	ug/kg							
Trichlorofluoromethane	ND	250	ug/kg							
1,2,3-Trichloropropane	ND	500	ug/kg							
1,2,4-Trimethylbenzene	ND	100	ug/kg							
1,3,5-Trimethylbenzene	ND	100	ug/kg							
Vinyl chloride	ND	250	ug/kg							
o-Xylene	ND	100	ug/kg							
m,p-Xylenes	ND	100	ug/kg							
Surrogate: Dibromofluoromethane	*2610*		*ug/kg*	*2500*		*104*	*50-160*			
Surrogate: Toluene-d8	*2570*		*ug/kg*	*2500*		*103*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2540*		*ug/kg*	*2500*		*102*	*60-150*			

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E16013 Extracted: 05/16/04										
LCS Analyzed: 05/16/04 (4E16013-BS1)										
Benzene	2280	100	ug/kg	2500		91	75-125			
Bromobenzene	2160	250	ug/kg	2500		86	80-120			
Bromochloromethane	2530	250	ug/kg	2500		101	65-140			
Bromodichloromethane	2420	100	ug/kg	2500		97	70-140			
Bromoform	2100	250	ug/kg	2500		84	60-130			
Bromomethane	1950	250	ug/kg	2500		78	35-140			
n-Butylbenzene	2420	250	ug/kg	2500		97	80-130			
sec-Butylbenzene	2230	250	ug/kg	2500		89	75-125			
tert-Butylbenzene	2160	250	ug/kg	2500		86	80-125			
Carbon tetrachloride	2180	250	ug/kg	2500		87	70-140			
Chlorobenzene	2320	100	ug/kg	2500		93	80-125			
Chloroethane	2000	250	ug/kg	2500		80	40-145			
Chloroform	2430	100	ug/kg	2500		97	75-130			
Chloromethane	1320	250	ug/kg	2500		53	30-145			
2-Chlorotoluene	2140	250	ug/kg	2500		86	75-125			
4-Chlorotoluene	2260	250	ug/kg	2500		90	80-125			
Dibromochloromethane	2280	100	ug/kg	2500		91	65-145			
1,2-Dibromo-3-chloropropane	1790	250	ug/kg	2500		72	45-135			
1,2-Dibromoethane (EDB)	2160	100	ug/kg	2500		86	75-130			
Dibromomethane	2260	100	ug/kg	2500		90	75-135			
1,2-Dichlorobenzene	2340	100	ug/kg	2500		94	80-120			
1,3-Dichlorobenzene	2270	100	ug/kg	2500		91	80-120			
1,4-Dichlorobenzene	2300	100	ug/kg	2500		92	80-120			
Dichlorodifluoromethane	815	250	ug/kg	2500		33	10-160			
1,1-Dichloroethane	2370	100	ug/kg	2500		95	70-135			
1,2-Dichloroethane	2360	100	ug/kg	2500		94	60-150			
1,1-Dichloroethene	2110	250	ug/kg	2500		84	80-145			
cis-1,2-Dichloroethene	2410	100	ug/kg	2500		96	70-135			
trans-1,2-Dichloroethene	2280	100	ug/kg	2500		91	70-135			
1,2-Dichloropropane	2430	100	ug/kg	2500		97	75-125			
1,3-Dichloropropane	2220	100	ug/kg	2500		89	75-130			
2,2-Dichloropropane	2330	100	ug/kg	2500		93	70-150			
1,1-Dichloropropene	2170	100	ug/kg	2500		87	75-130			
cis-1,3-Dichloropropene	2430	100	ug/kg	2500		97	75-130			
trans-1,3-Dichloropropene	2490	100	ug/kg	2500		100	75-135			

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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E16013 Extracted: 05/16/04										
LCS Analyzed: 05/16/04 (4E16013-BS1)										
Ethylbenzene	2280	100	ug/kg	2500		91	80-120			
Hexachlorobutadiene	2490	250	ug/kg	2500		100	75-140			
Isopropylbenzene	2150	100	ug/kg	2500		86	75-125			
p-Isopropyltoluene	2240	100	ug/kg	2500		90	80-125			
Methylene chloride	2160	1000	ug/kg	2500		86	60-145			
Naphthalene	2450	250	ug/kg	2500		98	50-145			
n-Propylbenzene	2210	100	ug/kg	2500		88	75-130			
Styrene	2550	100	ug/kg	2500		102	80-135			
1,1,1,2-Tetrachloroethane	2290	250	ug/kg	2500		92	70-145			
1,1,2,2-Tetrachloroethane	1900	100	ug/kg	2500		76	60-135			
Tetrachloroethene	2090	100	ug/kg	2500		84	80-125			
Toluene	2320	100	ug/kg	2500		93	80-125			
1,2,3-Trichlorobenzene	2910	250	ug/kg	2500		116	65-135			
1,2,4-Trichlorobenzene	3020	250	ug/kg	2500		121	70-140			
1,1,1-Trichloroethane	2340	100	ug/kg	2500		94	75-140			
1,1,2-Trichloroethane	2290	100	ug/kg	2500		92	70-130			
Trichloroethene	2310	100	ug/kg	2500		92	80-130			
Trichlorofluoromethane	1990	250	ug/kg	2500		80	55-145			
1,2,3-Trichloropropane	1790	500	ug/kg	2500		72	60-130			
1,2,4-Trimethylbenzene	2290	100	ug/kg	2500		92	80-125			
1,3,5-Trimethylbenzene	2250	100	ug/kg	2500		90	80-125			
Vinyl chloride	507	250	ug/kg	2500		20	10-120			
o-Xylene	2300	100	ug/kg	2500		92	80-125			
m,p-Xylenes	4620	100	ug/kg	5000		92	80-120			
Surrogate: Dibromofluoromethane	*2800*		*ug/kg*	*2500*		*112*	*50-160*			
Surrogate: Toluene-d8	*2590*		*ug/kg*	*2500*		*104*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2650*		*ug/kg*	*2500*		*106*	*60-150*			

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E16013 Extracted: 05/16/04										
LCS Dup Analyzed: 05/16/04 (4E16013-BSD1)										
Benzene	2360	100	ug/kg	2500		94	75-125	3	20	
Bromobenzene	2270	250	ug/kg	2500		91	80-120	5	20	
Bromochloromethane	2590	250	ug/kg	2500		104	65-140	2	20	
Bromodichloromethane	2380	100	ug/kg	2500		95	70-140	2	20	
Bromoform	2270	250	ug/kg	2500		91	60-130	8	25	
Bromomethane	1910	250	ug/kg	2500		76	35-140	2	30	
n-Butylbenzene	2480	250	ug/kg	2500		99	80-130	2	20	
sec-Butylbenzene	2290	250	ug/kg	2500		92	75-125	3	20	
tert-Butylbenzene	2260	250	ug/kg	2500		90	80-125	5	20	
Carbon tetrachloride	2170	250	ug/kg	2500		87	70-140	1	20	
Chlorobenzene	2410	100	ug/kg	2500		96	80-125	4	20	
Chloroethane	1980	250	ug/kg	2500		79	40-145	1	25	
Chloroform	2420	100	ug/kg	2500		97	75-130	0	20	
Chloromethane	1340	250	ug/kg	2500		54	30-145	2	25	
2-Chlorotoluene	2260	250	ug/kg	2500		90	75-125	5	20	
4-Chlorotoluene	2330	250	ug/kg	2500		93	80-125	3	20	
Dibromochloromethane	2370	100	ug/kg	2500		95	65-145	4	20	
1,2-Dibromo-3-chloropropane	1780	250	ug/kg	2500		71	45-135	1	25	
1,2-Dibromoethane (EDB)	2300	100	ug/kg	2500		92	75-130	6	20	
Dibromomethane	2240	100	ug/kg	2500		90	75-135	1	20	
1,2-Dichlorobenzene	2350	100	ug/kg	2500		94	80-120	0	20	
1,3-Dichlorobenzene	2320	100	ug/kg	2500		93	80-120	2	20	
1,4-Dichlorobenzene	2330	100	ug/kg	2500		93	80-120	1	20	
Dichlorodifluoromethane	744	250	ug/kg	2500		30	10-160	9	30	
1,1-Dichloroethane	2400	100	ug/kg	2500		96	70-135	1	20	
1,2-Dichloroethane	2320	100	ug/kg	2500		93	60-150	2	25	
1,1-Dichloroethene	2100	250	ug/kg	2500		84	80-145	1	20	
cis-1,2-Dichloroethene	2420	100	ug/kg	2500		97	70-135	0	20	
trans-1,2-Dichloroethene	2360	100	ug/kg	2500		94	70-135	3	20	
1,2-Dichloropropane	2440	100	ug/kg	2500		98	75-125	0	20	
1,3-Dichloropropane	2370	100	ug/kg	2500		95	75-130	7	20	
2,2-Dichloropropane	2270	100	ug/kg	2500		91	70-150	3	20	
1,1-Dichloropropene	2210	100	ug/kg	2500		88	75-130	2	20	
cis-1,3-Dichloropropene	2460	100	ug/kg	2500		98	75-130	1	20	
trans-1,3-Dichloropropene	2500	100	ug/kg	2500		100	75-135	0	20	

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E16013 Extracted: 05/16/04										
LCS Dup Analyzed: 05/16/04 (4E16013-BSD1)										
Ethylbenzene	2420	100	ug/kg	2500		97	80-120	6	20	
Hexachlorobutadiene	2400	250	ug/kg	2500		96	75-140	4	20	
Isopropylbenzene	2290	100	ug/kg	2500		92	75-125	6	20	
p-Isopropyltoluene	2280	100	ug/kg	2500		91	80-125	2	20	
Methylene chloride	2180	1000	ug/kg	2500		87	60-145	1	20	
Naphthalene	2390	250	ug/kg	2500		96	50-145	2	25	
n-Propylbenzene	2320	100	ug/kg	2500		93	75-130	5	20	
Styrene	2630	100	ug/kg	2500		105	80-135	3	20	
1,1,1,2-Tetrachloroethane	2420	250	ug/kg	2500		97	70-145	6	20	
1,1,2,2-Tetrachloroethane	2000	100	ug/kg	2500		80	60-135	5	25	
Tetrachloroethene	2270	100	ug/kg	2500		91	80-125	8	20	
Toluene	2350	100	ug/kg	2500		94	80-125	1	20	
1,2,3-Trichlorobenzene	2770	250	ug/kg	2500		111	65-135	5	20	
1,2,4-Trichlorobenzene	2920	250	ug/kg	2500		117	70-140	3	20	
1,1,1-Trichloroethane	2280	100	ug/kg	2500		91	75-140	3	20	
1,1,2-Trichloroethane	2400	100	ug/kg	2500		96	70-130	5	20	
Trichloroethene	2360	100	ug/kg	2500		94	80-130	2	20	
Trichlorofluoromethane	1920	250	ug/kg	2500		77	55-145	4	25	
1,2,3-Trichloropropane	1910	500	ug/kg	2500		76	60-130	6	20	
1,2,4-Trimethylbenzene	2360	100	ug/kg	2500		94	80-125	3	20	
1,3,5-Trimethylbenzene	2350	100	ug/kg	2500		94	80-125	4	20	
Vinyl chloride	504	250	ug/kg	2500		20	10-120	1	30	
o-Xylene	2450	100	ug/kg	2500		98	80-125	6	20	
m,p-Xylenes	4840	100	ug/kg	5000		97	80-120	5	20	
Surrogate: Dibromofluoromethane	*2750*		*ug/kg*	*2500*		*110*	*50-160*			
Surrogate: Toluene-d8	*2630*		*ug/kg*	*2500*		*105*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2700*		*ug/kg*	*2500*		*108*	*60-150*			

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Geosyntec Consultants/Project Navigator - Ascon
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Attention: Mike Reardon

Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E16013 Extracted: 05/16/04										
Matrix Spike Analyzed: 05/18/04 (4E16013-MS1)					**Source: INE0764-03**					
Benzene	2080	100	ug/kg	2500	160	77	60-140			
Bromobenzene	2140	250	ug/kg	2500	ND	86	65-130			
Bromochloromethane	2400	250	ug/kg	2500	ND	96	60-145			
Bromodichloromethane	2150	100	ug/kg	2500	ND	86	65-150			
Bromoform	2490	250	ug/kg	2500	ND	100	55-150			
Bromomethane	1290	250	ug/kg	2500	ND	52	30-160			
n-Butylbenzene	2520	250	ug/kg	2500	1800	29	60-150			*M2*
sec-Butylbenzene	2340	250	ug/kg	2500	1300	42	65-145			*M2*
tert-Butylbenzene	2150	250	ug/kg	2500	67	83	60-150			
Carbon tetrachloride	2140	250	ug/kg	2500	ND	86	70-140			
Chlorobenzene	2220	100	ug/kg	2500	ND	89	70-140			
Chloroethane	1570	250	ug/kg	2500	ND	63	30-170			
Chloroform	2100	100	ug/kg	2500	ND	84	60-140			
Chloromethane	1250	250	ug/kg	2500	ND	50	30-160			
2-Chlorotoluene	2390	250	ug/kg	2500	ND	96	60-140			
4-Chlorotoluene	2190	250	ug/kg	2500	ND	88	70-135			
Dibromochloromethane	2160	100	ug/kg	2500	ND	86	60-150			
1,2-Dibromo-3-chloropropane	3440	250	ug/kg	2500	ND	138	40-150			
1,2-Dibromoethane (EDB)	2240	100	ug/kg	2500	ND	90	65-140			
Dibromomethane	2230	100	ug/kg	2500	ND	89	65-140			
1,2-Dichlorobenzene	2090	100	ug/kg	2500	ND	84	70-130			
1,3-Dichlorobenzene	2050	100	ug/kg	2500	ND	82	60-155			
1,4-Dichlorobenzene	2090	100	ug/kg	2500	ND	84	55-150			
Dichlorodifluoromethane	719	250	ug/kg	2500	ND	29	10-160			
1,1-Dichloroethane	2080	100	ug/kg	2500	ND	83	60-155			
1,2-Dichloroethane	2100	100	ug/kg	2500	ND	84	55-150			
1,1-Dichloroethene	2090	250	ug/kg	2500	ND	84	60-165			
cis-1,2-Dichloroethene	2080	100	ug/kg	2500	ND	83	60-135			
trans-1,2-Dichloroethene	2090	100	ug/kg	2500	ND	84	50-155			
1,2-Dichloropropane	2240	100	ug/kg	2500	ND	90	65-135			
1,3-Dichloropropane	2120	100	ug/kg	2500	ND	85	65-135			
2,2-Dichloropropane	2070	100	ug/kg	2500	ND	83	60-150			
1,1-Dichloropropene	2160	100	ug/kg	2500	ND	86	60-140			
cis-1,3-Dichloropropene	2280	100	ug/kg	2500	ND	91	60-135			
trans-1,3-Dichloropropene	2470	100	ug/kg	2500	ND	99	55-155			

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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E16013 Extracted: 05/16/04										
Matrix Spike Analyzed: 05/18/04 (4E16013-MS1)					**Source: INE0764-03**					
Ethylbenzene	2680	100	ug/kg	2500	1600	43	60-140			*M2*
Hexachlorobutadiene	1770	250	ug/kg	2500	ND	71	65-145			
Isopropylbenzene	2690	100	ug/kg	2500	1700	40	60-140			*M2*
p-Isopropyltoluene	2200	100	ug/kg	2500	1200	40	60-145			*M2*
Methylene chloride	2120	1000	ug/kg	2500	ND	85	50-155			
Naphthalene	3700	250	ug/kg	2500	4800	-44	30-165			*M2*
n-Propylbenzene	3140	100	ug/kg	2500	3200	-2	60-145			*M2*
Styrene	2250	100	ug/kg	2500	73	87	60-145			
1,1,1,2-Tetrachloroethane	2200	250	ug/kg	2500	ND	88	65-145			
1,1,2,2-Tetrachloroethane	2290	100	ug/kg	2500	ND	92	60-150			
Tetrachloroethene	2010	100	ug/kg	2500	ND	80	65-145			
Toluene	2500	100	ug/kg	2500	1300	48	60-145			*M2*
1,2,3-Trichlorobenzene	1980	250	ug/kg	2500	ND	79	45-145			
1,2,4-Trichlorobenzene	1980	250	ug/kg	2500	ND	79	60-140			
1,1,1-Trichloroethane	2040	100	ug/kg	2500	ND	82	65-140			
1,1,2-Trichloroethane	2340	100	ug/kg	2500	ND	94	60-140			
Trichloroethene	2180	100	ug/kg	2500	ND	87	70-150			
Trichlorofluoromethane	1770	250	ug/kg	2500	ND	71	35-165			
1,2,3-Trichloropropane	2140	500	ug/kg	2500	ND	86	50-150			
1,2,4-Trimethylbenzene	4610	100	ug/kg	2500	8500	-156	70-135			*M2*
1,3,5-Trimethylbenzene	3160	100	ug/kg	2500	4100	-38	70-135			*M2*
Vinyl chloride	401	250	ug/kg	2500	ND	16	10-120			
o-Xylene	3000	100	ug/kg	2500	3100	-4	60-145			*M2*
m,p-Xylenes	5270	100	ug/kg	5000	3500	35	60-140			*M2*
Surrogate: Dibromofluoromethane	*2410*		*ug/kg*	*2500*		*96*	*50-160*			
Surrogate: Toluene-d8	*2580*		*ug/kg*	*2500*		*103*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2510*		*ug/kg*	*2500*		*100*	*60-150*			

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VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E16013 Extracted: 05/16/04										
Matrix Spike Dup Analyzed: 05/18/04 (4E16013-MSD1)					**Source: INE0764-03**					
Benzene	2080	100	ug/kg	2500	160	77	60-140	0	25	
Bromobenzene	2090	250	ug/kg	2500	ND	84	65-130	2	25	
Bromochloromethane	2270	250	ug/kg	2500	ND	91	60-145	6	25	
Bromodichloromethane	2180	100	ug/kg	2500	ND	87	65-150	1	25	
Bromoform	2460	250	ug/kg	2500	ND	98	55-150	1	30	
Bromomethane	1230	250	ug/kg	2500	ND	49	30-160	5	30	
n-Butylbenzene	2900	250	ug/kg	2500	1800	44	60-150	14	25	*M2*
sec-Butylbenzene	2590	250	ug/kg	2500	1300	52	65-145	10	25	*M2*
tert-Butylbenzene	2100	250	ug/kg	2500	67	81	60-150	2	20	
Carbon tetrachloride	2070	250	ug/kg	2500	ND	83	70-140	3	20	
Chlorobenzene	2200	100	ug/kg	2500	ND	88	70-140	1	25	
Chloroethane	1480	250	ug/kg	2500	ND	59	30-170	6	35	
Chloroform	2060	100	ug/kg	2500	ND	82	60-140	2	25	
Chloromethane	1220	250	ug/kg	2500	ND	49	30-160	2	30	
2-Chlorotoluene	2660	250	ug/kg	2500	ND	106	60-140	11	25	
4-Chlorotoluene	2280	250	ug/kg	2500	ND	91	70-135	4	20	
Dibromochloromethane	2060	100	ug/kg	2500	ND	82	60-150	5	25	
1,2-Dibromo-3-chloropropane	2500	250	ug/kg	2500	ND	100	40-150	32	30	*R*
1,2-Dibromoethane (EDB)	2140	100	ug/kg	2500	ND	86	65-140	5	25	
Dibromomethane	2150	100	ug/kg	2500	ND	86	65-140	4	20	
1,2-Dichlorobenzene	2020	100	ug/kg	2500	ND	81	70-130	3	20	
1,3-Dichlorobenzene	1960	100	ug/kg	2500	ND	78	60-155	4	25	
1,4-Dichlorobenzene	2060	100	ug/kg	2500	ND	82	55-150	1	25	
Dichlorodifluoromethane	694	250	ug/kg	2500	ND	28	10-160	4	35	
1,1-Dichloroethane	2050	100	ug/kg	2500	ND	82	60-155	1	25	
1,2-Dichloroethane	2040	100	ug/kg	2500	ND	82	55-150	3	30	
1,1-Dichloroethene	2000	250	ug/kg	2500	ND	80	60-165	4	25	
cis-1,2-Dichloroethene	2030	100	ug/kg	2500	ND	81	60-135	2	25	
trans-1,2-Dichloroethene	2020	100	ug/kg	2500	ND	81	50-155	3	25	
1,2-Dichloropropane	2180	100	ug/kg	2500	ND	87	65-135	3	20	
1,3-Dichloropropane	2020	100	ug/kg	2500	ND	81	65-135	5	20	
2,2-Dichloropropane	1990	100	ug/kg	2500	ND	80	60-150	4	20	
1,1-Dichloropropene	2100	100	ug/kg	2500	ND	84	60-140	3	20	
cis-1,3-Dichloropropene	2200	100	ug/kg	2500	ND	88	60-135	4	25	
trans-1,3-Dichloropropene	2480	100	ug/kg	2500	ND	99	55-155	0	25	

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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
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METHOD BLANK/QC DATA

VOLATILE ORGANICS by GC/MS (EPA 5030B/8260B)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E16013 Extracted: 05/16/04										
Matrix Spike Dup Analyzed: 05/18/04 (4E16013-MSD1)					**Source: INE0764-03**					
Ethylbenzene	3060	100	ug/kg	2500	1600	58	60-140	13	25	*M2*
Hexachlorobutadiene	1610	250	ug/kg	2500	ND	64	65-145	9	25	*M2*
Isopropylbenzene	3150	100	ug/kg	2500	1700	58	60-140	16	25	*M2*
p-Isopropyltoluene	2440	100	ug/kg	2500	1200	50	60-145	10	25	*M2*
Methylene chloride	2010	1000	ug/kg	2500	ND	80	50-155	5	25	
Naphthalene	4920	250	ug/kg	2500	4800	5	30-165	28	30	*M2*
n-Propylbenzene	4030	100	ug/kg	2500	3200	33	60-145	25	25	*M2*
Styrene	2190	100	ug/kg	2500	73	85	60-145	3	20	
1,1,1,2-Tetrachloroethane	2150	250	ug/kg	2500	ND	86	65-145	2	20	
1,1,2,2-Tetrachloroethane	2140	100	ug/kg	2500	ND	86	60-150	7	20	
Tetrachloroethene	1960	100	ug/kg	2500	ND	78	65-145	3	25	
Toluene	2990	100	ug/kg	2500	1300	68	60-145	18	25	
1,2,3-Trichlorobenzene	1830	250	ug/kg	2500	ND	73	45-145	8	30	
1,2,4-Trichlorobenzene	1860	250	ug/kg	2500	ND	74	60-140	6	25	
1,1,1-Trichloroethane	2010	100	ug/kg	2500	ND	80	65-140	1	25	
1,1,2-Trichloroethane	2320	100	ug/kg	2500	ND	93	60-140	1	20	
Trichloroethene	2140	100	ug/kg	2500	ND	86	70-150	2	25	
Trichlorofluoromethane	1690	250	ug/kg	2500	ND	68	35-165	5	30	
1,2,3-Trichloropropane	2030	500	ug/kg	2500	ND	81	50-150	5	20	
1,2,4-Trimethylbenzene	7140	100	ug/kg	2500	8500	-54	70-135	43	20	*M2*
1,3,5-Trimethylbenzene	4280	100	ug/kg	2500	4100	7	70-135	30	25	*M2*
Vinyl chloride	377	250	ug/kg	2500	ND	15	10-120	6	35	
o-Xylene	3820	100	ug/kg	2500	3100	29	60-145	24	25	*M2*
m,p-Xylenes	6150	100	ug/kg	5000	3500	53	60-140	15	25	*M2*
Surrogate: Dibromofluoromethane	*2270*		*ug/kg*	*2500*		*91*	*50-160*			
Surrogate: Toluene-d8	*2470*		*ug/kg*	*2500*		*99*	*60-160*			
Surrogate: 4-Bromofluorobenzene	*2330*		*ug/kg*	*2500*		*93*	*60-150*			

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SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E14041 Extracted: 05/14/04										
Blank Analyzed: 05/14/04 (4E14041-BLK1)										
Acenaphthene	ND	330	ug/kg							
Acenaphthylene	ND	330	ug/kg							
Aniline	ND	420	ug/kg							
Anthracene	ND	330	ug/kg							
Benzidine	ND	660	ug/kg							
Benzoic acid	ND	830	ug/kg							
Benzo(a)anthracene	ND	330	ug/kg							
Benzo(b)fluoranthene	ND	330	ug/kg							
Benzo(k)fluoranthene	ND	330	ug/kg							
Benzo(g,h,i)perylene	ND	330	ug/kg							
Benzo(a)pyrene	ND	330	ug/kg							
Benzyl alcohol	ND	330	ug/kg							
Bis(2-chloroethoxy)methane	ND	330	ug/kg							
Bis(2-chloroethyl)ether	ND	170	ug/kg							
Bis(2-chloroisopropyl)ether	ND	330	ug/kg							
Bis(2-ethylhexyl)phthalate	ND	330	ug/kg							
4-Bromophenyl phenyl ether	ND	330	ug/kg							
Butyl benzyl phthalate	ND	330	ug/kg							
4-Chloroaniline	ND	330	ug/kg							
2-Chloronaphthalene	ND	330	ug/kg							
4-Chloro-3-methylphenol	ND	330	ug/kg							
2-Chlorophenol	ND	330	ug/kg							
4-Chlorophenyl phenyl ether	ND	330	ug/kg							
Chrysene	ND	330	ug/kg							
Dibenz(a,h)anthracene	ND	420	ug/kg							
Dibenzofuran	ND	330	ug/kg							
Di-n-butyl phthalate	ND	330	ug/kg							
1,3-Dichlorobenzene	ND	330	ug/kg							
1,4-Dichlorobenzene	ND	330	ug/kg							
1,2-Dichlorobenzene	ND	330	ug/kg							
3,3-Dichlorobenzidine	ND	830	ug/kg							
2,4-Dichlorophenol	ND	330	ug/kg							
Diethyl phthalate	ND	330	ug/kg							
2,4-Dimethylphenol	ND	330	ug/kg							
Dimethyl phthalate	ND	330	ug/kg							

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SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E14041 Extracted: 05/14/04										
Blank Analyzed: 05/14/04 (4E14041-BLK1)										
4,6-Dinitro-2-methylphenol	ND	420	ug/kg							
2,4-Dinitrophenol	ND	420	ug/kg							
2,4-Dinitrotoluene	ND	330	ug/kg							
2,6-Dinitrotoluene	ND	330	ug/kg							
Di-n-octyl phthalate	ND	330	ug/kg							
Fluoranthene	ND	330	ug/kg							
Fluorene	ND	330	ug/kg							
Hexachlorobenzene	ND	330	ug/kg							
Hexachlorobutadiene	ND	330	ug/kg							
Hexachlorocyclopentadiene	ND	830	ug/kg							
Hexachloroethane	ND	330	ug/kg							
Indeno(1,2,3-cd)pyrene	ND	330	ug/kg							
Isophorone	ND	330	ug/kg							
2-Methylnaphthalene	ND	330	ug/kg							
2-Methylphenol	ND	330	ug/kg							
4-Methylphenol	ND	330	ug/kg							
Naphthalene	ND	330	ug/kg							
2-Nitroaniline	ND	330	ug/kg							
3-Nitroaniline	ND	330	ug/kg							
4-Nitroaniline	ND	830	ug/kg							
Nitrobenzene	ND	330	ug/kg							
2-Nitrophenol	ND	330	ug/kg							
4-Nitrophenol	ND	830	ug/kg							
n-Nitrosodiphenylamine	ND	330	ug/kg							
n-Nitroso-di-n-propylamine	ND	250	ug/kg							
Pentachlorophenol	ND	830	ug/kg							
Phenanthrene	ND	330	ug/kg							
Phenol	ND	330	ug/kg							
Pyrene	ND	330	ug/kg							
1,2,4-Trichlorobenzene	ND	330	ug/kg							
2,4,5-Trichlorophenol	ND	330	ug/kg							
2,4,6-Trichlorophenol	ND	330	ug/kg							
1,2-Diphenylhydrazine/Azobenzene	ND	330	ug/kg							
Surrogate: 2-Fluorophenol	*4080*		*ug/kg*	*6670*		*61*	*25-120*			
Surrogate: Phenol-d6	*4400*		*ug/kg*	*6670*		*66*	*30-120*			

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Geosyntec Consultants/Project Navigator - Ascon
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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E14041 Extracted: 05/14/04										
Blank Analyzed: 05/14/04 (4E14041-BLK1)										
Surrogate: 2,4,6-Tribromophenol	*5520*		*ug/kg*	*6670*		*83*	*35-120*			
Surrogate: Nitrobenzene-d5	*2210*		*ug/kg*	*3330*		*66*	*30-120*			
Surrogate: 2-Fluorobiphenyl	*2630*		*ug/kg*	*3330*		*79*	*35-120*			
Surrogate: Terphenyl-d14	*3230*		*ug/kg*	*3330*		*97*	*35-155*			
LCS Analyzed: 05/14/04 (4E14041-BS1)										
Acenaphthene	2860	330	ug/kg	3330		86	55-120			
Acenaphthylene	3220	330	ug/kg	3330		97	55-120			
Aniline	2190	420	ug/kg	3330		66	30-120			
Anthracene	3460	330	ug/kg	3330		104	55-120			
Benzidine	1760	660	ug/kg	3330		53	10-180			
Benzoic acid	1900	830	ug/kg	3330		57	30-125			
Benzo(a)anthracene	3150	330	ug/kg	3330		95	65-120			
Benzo(b)fluoranthene	4450	330	ug/kg	3330		134	65-120			*L*
Benzo(k)fluoranthene	4180	330	ug/kg	3330		126	60-120			*L*
Benzo(g,h,i)perylene	4160	330	ug/kg	3330		125	25-160			
Benzo(a)pyrene	4540	330	ug/kg	3330		136	60-120			*L*
Benzyl alcohol	2150	330	ug/kg	3330		65	40-130			
Bis(2-chloroethoxy)methane	2550	330	ug/kg	3330		77	50-120			
Bis(2-chloroethyl)ether	2390	170	ug/kg	3330		72	40-120			
Bis(2-chloroisopropyl)ether	2210	330	ug/kg	3330		66	40-120			
Bis(2-ethylhexyl)phthalate	3270	330	ug/kg	3330		98	65-125			
4-Bromophenyl phenyl ether	2940	330	ug/kg	3330		88	50-125			
Butyl benzyl phthalate	3170	330	ug/kg	3330		95	65-120			
4-Chloroaniline	2200	330	ug/kg	3330		66	20-120			
2-Chloronaphthalene	2730	330	ug/kg	3330		82	50-120			
4-Chloro-3-methylphenol	3050	330	ug/kg	3330		92	50-120			
2-Chlorophenol	2380	330	ug/kg	3330		71	45-120			
4-Chlorophenyl phenyl ether	3160	330	ug/kg	3330		95	55-120			
Chrysene	3060	330	ug/kg	3330		92	60-120			
Dibenz(a,h)anthracene	4380	420	ug/kg	3330		132	25-160			
Dibenzofuran	2850	330	ug/kg	3330		86	55-120			
Di-n-butyl phthalate	3410	330	ug/kg	3330		102	60-120			
1,3-Dichlorobenzene	2330	330	ug/kg	3330		70	40-120			
1,4-Dichlorobenzene	2080	330	ug/kg	3330		62	40-120			
1,2-Dichlorobenzene	2300	330	ug/kg	3330		69	40-120			

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Attention: Mike Reardon

Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E14041 Extracted: 05/14/04										
LCS Analyzed: 05/14/04 (4E14041-BS1)										
3,3-Dichlorobenzidine	2610	830	ug/kg	3330		78	20-170			
2,4-Dichlorophenol	2710	330	ug/kg	3330		81	55-120			
Diethyl phthalate	3130	330	ug/kg	3330		94	55-120			
2,4-Dimethylphenol	2370	330	ug/kg	3330		71	45-120			
Dimethyl phthalate	3270	330	ug/kg	3330		98	60-120			
4,6-Dinitro-2-methylphenol	2390	420	ug/kg	3330		72	50-120			
2,4-Dinitrophenol	1890	420	ug/kg	3330		57	25-140			
2,4-Dinitrotoluene	3280	330	ug/kg	3330		98	60-140			
2,6-Dinitrotoluene	3170	330	ug/kg	3330		95	60-125			
Di-n-octyl phthalate	3570	330	ug/kg	3330		107	60-135			
Fluoranthene	3260	330	ug/kg	3330		98	55-130			
Fluorene	3210	330	ug/kg	3330		96	55-120			
Hexachlorobenzene	3000	330	ug/kg	3330		90	45-120			
Hexachlorobutadiene	2500	330	ug/kg	3330		75	40-120			
Hexachlorocyclopentadiene	1890	830	ug/kg	3330		57	45-130			
Hexachloroethane	2040	330	ug/kg	3330		61	40-120			
Indeno(1,2,3-cd)pyrene	4380	330	ug/kg	3330		132	25-150			
Isophorone	2470	330	ug/kg	3330		74	45-120			
2-Methylnaphthalene	2960	330	ug/kg	3330		89	50-120			
2-Methylphenol	2450	330	ug/kg	3330		74	50-120			
4-Methylphenol	2500	330	ug/kg	3330		75	50-120			
Naphthalene	2940	330	ug/kg	3330		88	45-120			
2-Nitroaniline	3140	330	ug/kg	3330		94	55-130			
3-Nitroaniline	2910	330	ug/kg	3330		87	40-140			
4-Nitroaniline	3090	830	ug/kg	3330		93	40-160			
Nitrobenzene	2470	330	ug/kg	3330		74	45-120			
2-Nitrophenol	2650	330	ug/kg	3330		80	50-120			
4-Nitrophenol	2840	830	ug/kg	3330		85	45-135			
n-Nitrosodiphenylamine	2750	330	ug/kg	3330		83	55-120			
n-Nitroso-di-n-propylamine	2370	250	ug/kg	3330		71	45-120			
Pentachlorophenol	3030	830	ug/kg	3330		91	50-120			
Phenanthrene	3350	330	ug/kg	3330		101	55-120			
Phenol	2370	330	ug/kg	3330		71	45-120			
Pyrene	3560	330	ug/kg	3330		107	50-120			
1,2,4-Trichlorobenzene	2480	330	ug/kg	3330		74	45-120			

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Geosyntec Consultants/Project Navigator - Ascon
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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E14041 Extracted: 05/14/04										
LCS Analyzed: 05/14/04 (4E14041-BS1)										
2,4,5-Trichlorophenol	3190	330	ug/kg	3330		96	55-120			
2,4,6-Trichlorophenol	2810	330	ug/kg	3330		84	55-120			
1,2-Diphenylhydrazine/Azobenzene	2910	330	ug/kg	3330		87	60-120			
Surrogate: 2-Fluorophenol	*4550*		*ug/kg*	*6670*		*68*	*25-120*			
Surrogate: Phenol-d6	*4820*		*ug/kg*	*6670*		*72*	*30-120*			
Surrogate: 2,4,6-Tribromophenol	*5800*		*ug/kg*	*6670*		*87*	*35-120*			
Surrogate: Nitrobenzene-d5	*2440*		*ug/kg*	*3330*		*73*	*30-120*			
Surrogate: 2-Fluorobiphenyl	*2930*		*ug/kg*	*3330*		*88*	*35-120*			
Surrogate: Terphenyl-d14	*3190*		*ug/kg*	*3330*		*96*	*35-155*			
Matrix Spike Analyzed: 05/17/04 (4E14041-MS1)					**Source: INE0692-05**					
Acenaphthene	2880	330	ug/kg	3330	ND	86	45-120			
Acenaphthylene	2780	330	ug/kg	3330	ND	83	45-120			
Aniline	2220	420	ug/kg	3330	ND	67	30-120			
Anthracene	3080	330	ug/kg	3330	ND	92	55-120			
Benzidine	1660	660	ug/kg	3330	ND	50	10-180			
Benzoic acid	718	830	ug/kg	3330	ND	22	20-125			
Benzo(a)anthracene	3280	330	ug/kg	3330	ND	98	55-120			
Benzo(b)fluoranthene	4560	330	ug/kg	3330	ND	137	65-120			*A-01*
Benzo(k)fluoranthene	4310	330	ug/kg	3330	ND	129	55-120			*A-01*
Benzo(g,h,i)perylene	4830	330	ug/kg	3330	ND	145	25-160			
Benzo(a)pyrene	4670	330	ug/kg	3330	ND	140	60-120			*A-01*
Benzyl alcohol	2800	330	ug/kg	3330	ND	84	40-130			
Bis(2-chloroethoxy)methane	2710	330	ug/kg	3330	ND	81	45-120			
Bis(2-chloroethyl)ether	2430	170	ug/kg	3330	ND	73	40-120			
Bis(2-chloroisopropyl)ether	2400	330	ug/kg	3330	ND	72	40-120			
Bis(2-ethylhexyl)phthalate	3840	330	ug/kg	3330	ND	115	60-135			
4-Bromophenyl phenyl ether	3230	330	ug/kg	3330	ND	97	50-125			
Butyl benzyl phthalate	3560	330	ug/kg	3330	ND	107	55-150			
4-Chloroaniline	2290	330	ug/kg	3330	ND	69	20-120			
2-Chloronaphthalene	2840	330	ug/kg	3330	ND	85	55-120			
4-Chloro-3-methylphenol	3130	330	ug/kg	3330	ND	94	45-125			
2-Chlorophenol	2480	330	ug/kg	3330	ND	74	40-120			
4-Chlorophenyl phenyl ether	2940	330	ug/kg	3330	ND	88	55-120			
Chrysene	3190	330	ug/kg	3330	ND	96	60-120			
Dibenz(a,h)anthracene	4980	420	ug/kg	3330	ND	150	25-160			

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Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E14041 Extracted: 05/14/04										
Matrix Spike Analyzed: 05/17/04 (4E14041-MS1)					**Source: INE0692-05**					
Dibenzofuran	2890	330	ug/kg	3330	ND	87	55-120			
Di-n-butyl phthalate	3260	330	ug/kg	3330	ND	98	60-120			
1,3-Dichlorobenzene	2080	330	ug/kg	3330	ND	62	35-120			
1,4-Dichlorobenzene	2010	330	ug/kg	3330	ND	60	40-120			
1,2-Dichlorobenzene	2150	330	ug/kg	3330	ND	65	40-120			
3,3-Dichlorobenzidine	3060	830	ug/kg	3330	ND	92	20-170			
2,4-Dichlorophenol	2810	330	ug/kg	3330	ND	84	40-120			
Diethyl phthalate	3050	330	ug/kg	3330	ND	92	55-120			
2,4-Dimethylphenol	2810	330	ug/kg	3330	ND	84	35-120			
Dimethyl phthalate	2960	330	ug/kg	3330	ND	89	50-120			
4,6-Dinitro-2-methylphenol	2840	420	ug/kg	3330	ND	85	40-120			
2,4-Dinitrophenol	2240	420	ug/kg	3330	ND	67	20-140			
2,4-Dinitrotoluene	3330	330	ug/kg	3330	ND	100	55-140			
2,6-Dinitrotoluene	3300	330	ug/kg	3330	ND	99	55-125			
Di-n-octyl phthalate	4050	330	ug/kg	3330	ND	122	45-140			
Fluoranthene	2970	330	ug/kg	3330	ND	89	45-130			
Fluorene	2910	330	ug/kg	3330	ND	87	55-120			
Hexachlorobenzene	3180	330	ug/kg	3330	ND	95	35-120			
Hexachlorobutadiene	2360	330	ug/kg	3330	ND	71	40-120			
Hexachlorocyclopentadiene	1940	830	ug/kg	3330	ND	58	30-145			
Hexachloroethane	2140	330	ug/kg	3330	ND	64	40-120			
Indeno(1,2,3-cd)pyrene	4290	330	ug/kg	3330	ND	129	25-150			
Isophorone	2680	330	ug/kg	3330	ND	80	40-120			
2-Methylnaphthalene	2660	330	ug/kg	3330	ND	80	40-120			
2-Methylphenol	2730	330	ug/kg	3330	ND	82	40-120			
4-Methylphenol	2850	330	ug/kg	3330	ND	86	40-120			
Naphthalene	2560	330	ug/kg	3330	ND	77	40-120			
2-Nitroaniline	3200	330	ug/kg	3330	ND	96	55-130			
3-Nitroaniline	2710	330	ug/kg	3330	ND	81	40-140			
4-Nitroaniline	3030	830	ug/kg	3330	ND	91	40-160			
Nitrobenzene	2660	330	ug/kg	3330	ND	80	45-120			
2-Nitrophenol	2750	330	ug/kg	3330	ND	83	40-120			
4-Nitrophenol	2810	830	ug/kg	3330	ND	84	35-135			
n-Nitrosodiphenylamine	3290	330	ug/kg	3330	ND	99	55-120			
n-Nitroso-di-n-propylamine	2680	250	ug/kg	3330	ND	80	40-120			

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E14041 Extracted: 05/14/04										
Matrix Spike Analyzed: 05/17/04 (4E14041-MS1)					**Source: INE0692-05**					
Pentachlorophenol	3050	830	ug/kg	3330	ND	92	40-120			
Phenanthrene	3060	330	ug/kg	3330	ND	92	55-120			
Phenol	2570	330	ug/kg	3330	ND	77	40-120			
Pyrene	3380	330	ug/kg	3330	ND	102	50-120			
1,2,4-Trichlorobenzene	2400	330	ug/kg	3330	ND	72	45-120			
2,4,5-Trichlorophenol	3140	330	ug/kg	3330	ND	94	55-120			
2,4,6-Trichlorophenol	3100	330	ug/kg	3330	ND	93	40-120			
1,2-Diphenylhydrazine/Azobenzene	3630	330	ug/kg	3330	ND	109	60-120			
Surrogate: 2-Fluorophenol	*4810*		*ug/kg*	*6670*		*72*	*25-120*			
Surrogate: Phenol-d6	*5220*		*ug/kg*	*6670*		*78*	*30-120*			
Surrogate: 2,4,6-Tribromophenol	*6820*		*ug/kg*	*6670*		*102*	*35-120*			
Surrogate: Nitrobenzene-d5	*2590*		*ug/kg*	*3330*		*78*	*30-120*			
Surrogate: 2-Fluorobiphenyl	*2710*		*ug/kg*	*3330*		*81*	*35-120*			
Surrogate: Terphenyl-d14	*3540*		*ug/kg*	*3330*		*106*	*35-155*			
Matrix Spike Dup Analyzed: 05/17/04 (4E14041-MSD1)					**Source: INE0692-05**					
Acenaphthene	2690	330	ug/kg	3330	ND	81	45-120	7	20	
Acenaphthylene	2680	330	ug/kg	3330	ND	80	45-120	4	20	
Aniline	2220	420	ug/kg	3330	ND	67	30-120	0	25	
Anthracene	2880	330	ug/kg	3330	ND	86	55-120	7	20	
Benzidine	1930	660	ug/kg	3330	ND	58	10-180	15	25	
Benzoic acid	857	830	ug/kg	3330	ND	26	20-125	18	25	
Benzo(a)anthracene	3220	330	ug/kg	3330	ND	97	55-120	2	20	
Benzo(b)fluoranthene	4630	330	ug/kg	3330	ND	139	65-120	2	20	*A-01*
Benzo(k)fluoranthene	3990	330	ug/kg	3330	ND	120	55-120	8	20	
Benzo(g,h,i)perylene	4900	330	ug/kg	3330	ND	147	25-160	1	25	
Benzo(a)pyrene	4610	330	ug/kg	3330	ND	138	60-120	1	20	*A-01*
Benzyl alcohol	2700	330	ug/kg	3330	ND	81	40-130	4	25	
Bis(2-chloroethoxy)methane	2560	330	ug/kg	3330	ND	77	45-120	6	20	
Bis(2-chloroethyl)ether	2290	170	ug/kg	3330	ND	69	40-120	6	25	
Bis(2-chloroisopropyl)ether	2280	330	ug/kg	3330	ND	68	40-120	5	25	
Bis(2-ethylhexyl)phthalate	3510	330	ug/kg	3330	ND	105	60-135	9	20	
4-Bromophenyl phenyl ether	2920	330	ug/kg	3330	ND	88	50-125	10	20	
Butyl benzyl phthalate	3340	330	ug/kg	3330	ND	100	55-150	6	20	
4-Chloroaniline	2270	330	ug/kg	3330	ND	68	20-120	1	25	
2-Chloronaphthalene	2640	330	ug/kg	3330	ND	79	55-120	7	20	

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Geosyntec Consultants/Project Navigator - Ascon
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Attention: Mike Reardon

Project ID: Ascon - Soils
SB0202/31
Report Number: INE0764

Sampled: 05/12/04
Received: 05/13/04

METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E14041 Extracted: 05/14/04										
Matrix Spike Dup Analyzed: 05/17/04 (4E14041-MSD1)					**Source: INE0692-05**					
4-Chloro-3-methylphenol	2990	330	ug/kg	3330	ND	90	45-125	5	20	
2-Chlorophenol	2350	330	ug/kg	3330	ND	71	40-120	5	20	
4-Chlorophenyl phenyl ether	2780	330	ug/kg	3330	ND	83	55-120	6	20	
Chrysene	3080	330	ug/kg	3330	ND	92	60-120	4	20	
Dibenz(a,h)anthracene	5050	420	ug/kg	3330	ND	152	25-160	1	25	
Dibenzofuran	2770	330	ug/kg	3330	ND	83	55-120	4	20	
Di-n-butyl phthalate	3040	330	ug/kg	3330	ND	91	60-120	7	20	
1,3-Dichlorobenzene	1990	330	ug/kg	3330	ND	60	35-120	4	25	
1,4-Dichlorobenzene	1850	330	ug/kg	3330	ND	56	40-120	8	25	
1,2-Dichlorobenzene	2030	330	ug/kg	3330	ND	61	40-120	6	20	
3,3-Dichlorobenzidine	3130	830	ug/kg	3330	ND	94	20-170	2	25	
2,4-Dichlorophenol	2680	330	ug/kg	3330	ND	80	40-120	5	20	
Diethyl phthalate	2840	330	ug/kg	3330	ND	85	55-120	7	20	
2,4-Dimethylphenol	2600	330	ug/kg	3330	ND	78	35-120	8	25	
Dimethyl phthalate	2800	330	ug/kg	3330	ND	84	50-120	6	20	
4,6-Dinitro-2-methylphenol	2740	420	ug/kg	3330	ND	82	40-120	4	20	
2,4-Dinitrophenol	2300	420	ug/kg	3330	ND	69	20-140	3	25	
2,4-Dinitrotoluene	3180	330	ug/kg	3330	ND	95	55-140	5	20	
2,6-Dinitrotoluene	3110	330	ug/kg	3330	ND	93	55-125	6	20	
Di-n-octyl phthalate	3920	330	ug/kg	3330	ND	118	45-140	3	20	
Fluoranthene	3020	330	ug/kg	3330	ND	91	45-130	2	20	
Fluorene	2730	330	ug/kg	3330	ND	82	55-120	6	20	
Hexachlorobenzene	2910	330	ug/kg	3330	ND	87	35-120	9	25	
Hexachlorobutadiene	2200	330	ug/kg	3330	ND	66	40-120	7	20	
Hexachlorocyclopentadiene	1960	830	ug/kg	3330	ND	59	30-145	1	30	
Hexachloroethane	2030	330	ug/kg	3330	ND	61	40-120	5	20	
Indeno(1,2,3-cd)pyrene	4300	330	ug/kg	3330	ND	129	25-150	0	25	
Isophorone	2490	330	ug/kg	3330	ND	75	40-120	7	20	
2-Methylnaphthalene	2590	330	ug/kg	3330	ND	78	40-120	3	20	
2-Methylphenol	2670	330	ug/kg	3330	ND	80	40-120	2	20	
4-Methylphenol	2760	330	ug/kg	3330	ND	83	40-120	3	20	
Naphthalene	2440	330	ug/kg	3330	ND	73	40-120	5	20	
2-Nitroaniline	3070	330	ug/kg	3330	ND	92	55-130	4	20	
3-Nitroaniline	2820	330	ug/kg	3330	ND	85	40-140	4	25	
4-Nitroaniline	3210	830	ug/kg	3330	ND	96	40-160	6	20	

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METHOD BLANK/QC DATA

SEMI-VOLATILE ORGANICS BY GC/MS (EPA 3545/8270C)

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E14041 Extracted: 05/14/04										
Matrix Spike Dup Analyzed: 05/17/04 (4E14041-MSD1)					**Source: INE0692-05**					
Nitrobenzene	2450	330	ug/kg	3330	ND	74	45-120	8	20	
2-Nitrophenol	2600	330	ug/kg	3330	ND	78	40-120	6	20	
4-Nitrophenol	2790	830	ug/kg	3330	ND	84	35-135	1	25	
n-Nitrosodiphenylamine	2940	330	ug/kg	3330	ND	88	55-120	11	20	
n-Nitroso-di-n-propylamine	2530	250	ug/kg	3330	ND	76	40-120	6	20	
Pentachlorophenol	3000	830	ug/kg	3330	ND	90	40-120	2	20	
Phenanthrene	2860	330	ug/kg	3330	ND	86	55-120	7	20	
Phenol	2460	330	ug/kg	3330	ND	74	40-120	4	20	
Pyrene	3150	330	ug/kg	3330	ND	95	50-120	7	20	
1,2,4-Trichlorobenzene	2240	330	ug/kg	3330	ND	67	45-120	7	20	
2,4,5-Trichlorophenol	3020	330	ug/kg	3330	ND	91	55-120	4	20	
2,4,6-Trichlorophenol	2940	330	ug/kg	3330	ND	88	40-120	5	20	
1,2-Diphenylhydrazine/Azobenzene	3340	330	ug/kg	3330	ND	100	60-120	8	20	
Surrogate: 2-Fluorophenol	*4220*		*ug/kg*	*6670*		*63*	*25-120*			
Surrogate: Phenol-d6	*4810*		*ug/kg*	*6670*		*72*	*30-120*			
Surrogate: 2,4,6-Tribromophenol	*6160*		*ug/kg*	*6670*		*92*	*35-120*			
Surrogate: Nitrobenzene-d5	*2360*		*ug/kg*	*3330*		*71*	*30-120*			
Surrogate: 2-Fluorobiphenyl	*2470*		*ug/kg*	*3330*		*74*	*35-120*			
Surrogate: Terphenyl-d14	*3190*		*ug/kg*	*3330*		*96*	*35-155*			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E14076 Extracted: 05/14/04										
Blank Analyzed: 05/14/04 (4E14076-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: 05/14/04 (4E14076-BS1)										
Antimony	46.3	10	mg/kg	50.0		93	80-120			
Arsenic	44.6	2.0	mg/kg	50.0		89	80-120			
Barium	46.7	1.0	mg/kg	50.0		93	80-120			
Beryllium	45.8	0.50	mg/kg	50.0		92	80-120			
Cadmium	45.3	0.50	mg/kg	50.0		91	80-120			
Chromium	45.4	1.0	mg/kg	50.0		91	80-120			
Cobalt	45.1	1.0	mg/kg	50.0		90	80-120			
Copper	45.0	2.0	mg/kg	50.0		90	80-120			
Lead	45.4	2.0	mg/kg	50.0		91	80-120			
Molybdenum	45.3	2.0	mg/kg	50.0		91	80-120			
Nickel	45.5	2.0	mg/kg	50.0		91	80-120			
Selenium	43.0	2.0	mg/kg	50.0		86	80-120			
Silver	23.0	1.0	mg/kg	25.0		92	80-120			
Thallium	42.5	10	mg/kg	50.0		85	80-120			
Vanadium	46.5	1.0	mg/kg	50.0		93	80-120			
Zinc	43.9	5.0	mg/kg	50.0		88	80-120			

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E14076 Extracted: 05/14/04										
Matrix Spike Analyzed: 05/14/04 (4E14076-MS1)					**Source: INE0751-01**					
Antimony	15.3	10	mg/kg	50.0	0.80	29	75-125			*M2*
Arsenic	50.0	2.0	mg/kg	50.0	5.3	89	75-125			
Barium	142	1.0	mg/kg	50.0	85	114	75-125			
Beryllium	46.2	0.50	mg/kg	50.0	0.38	92	75-125			
Cadmium	44.7	0.50	mg/kg	50.0	0.42	89	75-125			
Chromium	57.6	1.0	mg/kg	50.0	11	93	75-125			
Cobalt	49.7	1.0	mg/kg	50.0	4.9	90	75-125			
Copper	60.9	2.0	mg/kg	50.0	12	98	75-125			
Lead	52.0	2.0	mg/kg	50.0	6.9	90	75-125			
Molybdenum	43.1	2.0	mg/kg	50.0	0.51	85	75-125			
Nickel	55.0	2.0	mg/kg	50.0	9.1	92	75-125			
Selenium	42.5	2.0	mg/kg	50.0	ND	85	75-125			
Silver	23.0	1.0	mg/kg	25.0	ND	92	75-125			
Thallium	42.0	10	mg/kg	50.0	ND	84	75-125			
Vanadium	77.7	1.0	mg/kg	50.0	30	95	75-125			
Zinc	90.7	5.0	mg/kg	50.0	43	95	75-125			
Matrix Spike Dup Analyzed: 05/14/04 (4E14076-MSD1)					**Source: INE0751-01**					
Antimony	12.1	10	mg/kg	50.0	0.80	23	75-125	23	20	*M2, R-3*
Arsenic	49.0	2.0	mg/kg	50.0	5.3	87	75-125	2	20	
Barium	138	1.0	mg/kg	50.0	85	106	75-125	3	20	
Beryllium	45.2	0.50	mg/kg	50.0	0.38	90	75-125	2	20	
Cadmium	43.8	0.50	mg/kg	50.0	0.42	87	75-125	2	20	
Chromium	57.1	1.0	mg/kg	50.0	11	92	75-125	1	20	
Cobalt	48.4	1.0	mg/kg	50.0	4.9	87	75-125	3	20	
Copper	58.5	2.0	mg/kg	50.0	12	93	75-125	4	20	
Lead	51.0	2.0	mg/kg	50.0	6.9	88	75-125	2	20	
Molybdenum	42.2	2.0	mg/kg	50.0	0.51	83	75-125	2	20	
Nickel	53.2	2.0	mg/kg	50.0	9.1	88	75-125	3	20	
Selenium	41.9	2.0	mg/kg	50.0	ND	84	75-125	1	20	
Silver	22.5	1.0	mg/kg	25.0	ND	90	75-125	2	20	
Thallium	41.8	10	mg/kg	50.0	ND	84	75-125	1	20	
Vanadium	78.9	1.0	mg/kg	50.0	30	98	75-125	2	20	
Zinc	86.0	5.0	mg/kg	50.0	43	86	75-125	5	20	

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Attention: Mike Reardon

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METHOD BLANK/QC DATA

METALS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E18075 Extracted: 05/18/04										
Blank Analyzed: 05/18/04 (4E18075-BLK1)										
Mercury	ND	0.020	mg/kg							
LCS Analyzed: 05/18/04 (4E18075-BS1)										
Mercury	0.783	0.020	mg/kg	0.800		98	85-120			
Matrix Spike Analyzed: 05/18/04 (4E18075-MS1)					**Source: INE0751-01**					
Mercury	0.809	0.020	mg/kg	0.800	0.039	96	65-135			
Matrix Spike Dup Analyzed: 05/18/04 (4E18075-MSD1)					**Source: INE0751-01**					
Mercury	0.806	0.020	mg/kg	0.800	0.039	96	65-135	0	20	

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INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E13089 Extracted: 05/13/04										
Duplicate Analyzed: 05/13/04 (4E13089-DUP1)					**Source: INE0736-04**					
pH	8.56	NA	pH Units		8.54			0	5	
Batch: 4E13092 Extracted: 05/13/04										
Duplicate Analyzed: 05/13/04 (4E13092-DUP1)					**Source: INE0514-01**					
Ignitability	Ignitable	NA	N/A		1.0			0	200	
Duplicate Analyzed: 05/13/04 (4E13092-DUP2)					**Source: INE0514-02**					
Ignitability	Ignitable	NA	N/A		1.0			0	200	
Batch: 4E19074 Extracted: 05/19/04										
Blank Analyzed: 05/20/04 (4E19074-BLK1)										
Chromium VI	ND	0.20	mg/kg							
LCS Analyzed: 05/20/04 (4E19074-BS1)										
Chromium VI	4.27	0.20	mg/kg	5.00		85	65-110			
Matrix Spike Analyzed: 05/20/04 (4E19074-MS1)					**Source: INE0764-01**					
Chromium VI	0.0190	0.20	mg/kg	5.00	0.020	0	55-110			*M2*
Matrix Spike Dup Analyzed: 05/20/04 (4E19074-MSD1)					**Source: INE0764-01**					
Chromium VI	0.0263	0.20	mg/kg	5.00	0.020	0	55-110	32	20	*M2*
Batch: 4E19094 Extracted: 05/19/04										
Blank Analyzed: 05/19/04 (4E19094-BLK1)										
Oil & Grease	ND	5.0	mg/kg							

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INORGANICS

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E19094 Extracted: 05/19/04										
LCS Analyzed: 05/19/04 (4E19094-BS1)										
Oil & Grease	17.3	5.0	mg/kg	20.0		86	55-130			
Matrix Spike Analyzed: 05/19/04 (4E19094-MS1)					**Source: INE1120-02**					
Oil & Grease	1520	50	mg/kg	20.0	1600	-400	35-130			*M-HA*
Matrix Spike Dup Analyzed: 05/19/04 (4E19094-MSD1)					**Source: INE1120-02**					
Oil & Grease	1450	50	mg/kg	20.0	1600	-750	35-130	5	25	*M-HA*

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Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E19004 Extracted: 05/18/04										
Blank Analyzed: 05/19/04 (4E19004-BLK1)										**C-06**
Aldrin	ND	1.0	ug/kg							
alpha-BHC	ND	1.0	ug/kg							
beta-BHC	ND	1.0	ug/kg							
delta-BHC	ND	1.0	ug/kg							
gamma-BHC (Lindane)	ND	1.0	ug/kg							
Chlordane (tech)	ND	20	ug/kg							
4,4´-DDD	ND	6.0	ug/kg							
4,4´-DDE	ND	2.0	ug/kg							
4,4´-DDT	ND	6.0	ug/kg							
Dieldrin	ND	2.0	ug/kg							
Endosulfan I	ND	2.0	ug/kg							
Endosulfan II	ND	2.0	ug/kg							
Endosulfan sulfate	ND	6.0	ug/kg							
Endrin	ND	2.0	ug/kg							
Endrin aldehyde	ND	6.0	ug/kg							
Endrin ketone	ND	6.0	ug/kg							
Heptachlor	ND	1.0	ug/kg							
Heptachlor epoxide	ND	1.0	ug/kg							
Methoxychlor	ND	20	ug/kg							
Toxaphene	ND	80	ug/kg							
Surrogate: Tetrachloro-m-xylene	*10.9*		*ug/kg*	*16.7*		*65*	*66-116*			*S02*
Surrogate: Decachlorobiphenyl	*19.0*		*ug/kg*	*33.3*		*57*	*42-153*			
LCS Analyzed: 05/19/04 (4E19004-BS1)										**C-06**
Aldrin	2.18	1.0	ug/kg	3.33		66	58-112			
alpha-BHC	2.41	1.0	ug/kg	3.33		72	66-107			
beta-BHC	2.33	1.0	ug/kg	3.33		70	53-131			
delta-BHC	2.59	1.0	ug/kg	3.33		78	62-126			
gamma-BHC (Lindane)	1.97	1.0	ug/kg	3.33		59	46-123			
4,4´-DDD	18.8	6.0	ug/kg	20.0		94	57-131			
4,4´-DDE	4.35	2.0	ug/kg	6.67		65	62-113			
4,4´-DDT	8.03	6.0	ug/kg	20.0		40	36-146			
Dieldrin	4.86	2.0	ug/kg	6.67		73	62-119			
Endosulfan I	4.75	2.0	ug/kg	6.67		71	56-109			
Endosulfan II	4.08	2.0	ug/kg	6.67		61	53-125			
Endosulfan sulfate	8.58	6.0	ug/kg	20.0		43	61-141			*QC02*

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager

Del Mar Analytical

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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: INE0764

Sampled: 05/12/04
Received: 05/13/04

METHOD BLANK/QC DATA

Organochlorine Pesticides by EPA Method 8081A

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E19004 Extracted: 05/18/04										
LCS Analyzed: 05/19/04 (4E19004-BS1)										**C-06**
Endrin	4.76	2.0	ug/kg	6.67		71	63-119			
Endrin aldehyde	14.5	6.0	ug/kg	20.0		73	53-132			
Endrin ketone	12.5	6.0	ug/kg	20.0		63	51-144			
Heptachlor	2.18	1.0	ug/kg	3.33		66	56-121			
Heptachlor epoxide	2.46	1.0	ug/kg	3.33		74	66-115			
Methoxychlor	3.70	20	ug/kg	13.3		28	17-165			
Surrogate: Tetrachloro-m-xylene	*9.12*		*ug/kg*	*13.3*		*69*	*66-116*			
Surrogate: Decachlorobiphenyl	*15.5*		*ug/kg*	*26.7*		*58*	*42-153*			
LCS Dup Analyzed: 05/19/04 (4E19004-BSD1)										**C-06**
Aldrin	2.19	1.0	ug/kg	3.33		66	58-112	0	20	
alpha-BHC	2.40	1.0	ug/kg	3.33		72	66-107	0	20	
beta-BHC	2.37	1.0	ug/kg	3.33		71	53-131	2	20	
delta-BHC	2.62	1.0	ug/kg	3.33		79	62-126	1	20	
gamma-BHC (Lindane)	1.92	1.0	ug/kg	3.33		58	46-123	3	20	
4,4´-DDD	19.2	6.0	ug/kg	20.0		96	57-131	2	20	
4,4´-DDE	4.43	2.0	ug/kg	6.67		66	62-113	2	20	
4,4´-DDT	8.09	6.0	ug/kg	20.0		40	36-146	1	20	
Dieldrin	4.96	2.0	ug/kg	6.67		74	62-119	2	20	
Endosulfan I	4.83	2.0	ug/kg	6.67		72	56-109	2	20	
Endosulfan II	4.14	2.0	ug/kg	6.67		62	53-125	1	20	
Endosulfan sulfate	8.78	6.0	ug/kg	20.0		44	61-141	2	20	*QC02*
Endrin	4.83	2.0	ug/kg	6.67		72	63-119	1	20	
Endrin aldehyde	14.7	6.0	ug/kg	20.0		74	53-132	1	20	
Endrin ketone	12.7	6.0	ug/kg	20.0		64	51-144	2	20	
Heptachlor	2.11	1.0	ug/kg	3.33		63	56-121	3	20	
Heptachlor epoxide	2.55	1.0	ug/kg	3.33		77	66-115	4	20	
Methoxychlor	3.32	20	ug/kg	13.3		25	17-165	11	20	
Surrogate: Tetrachloro-m-xylene	*9.24*		*ug/kg*	*13.3*		*70*	*66-116*			
Surrogate: Decachlorobiphenyl	*16.8*		*ug/kg*	*26.7*		*63*	*42-153*			

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager

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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: INE0764

Sampled: 05/12/04
Received: 05/13/04

METHOD BLANK/QC DATA

Polychlorinated Biphenyls (as Aroclors) by EPA Method 8082

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Data Qualifiers
Batch: 4E18024 Extracted: 05/18/04										
Blank Analyzed: 05/19/04 (4E18024-BLK1)										
PCB-1016	ND	20	ug/kg							
PCB-1221	ND	80	ug/kg							
PCB-1232	ND	20	ug/kg							
PCB-1242	ND	20	ug/kg							
PCB-1248	ND	20	ug/kg							
PCB-1254	ND	20	ug/kg							
PCB-1260	ND	20	ug/kg							
PCB-1268	ND	20	ug/kg							
Surrogate: Tetrachloro-m-xylene	*18.0*		*ug/kg*	*16.7*		*108*	*23-151*			
Surrogate: Decachlorobiphenyl	*39.5*		*ug/kg*	*33.3*		*119*	*26-142*			
LCS Analyzed: 05/19/04 (4E18024-BS1)										
PCB-1260	89.7	20	ug/kg	83.3		108	47-126			
Surrogate: Tetrachloro-m-xylene	*18.2*		*ug/kg*	*16.7*		*109*	*23-151*			
Surrogate: Decachlorobiphenyl	*37.9*		*ug/kg*	*33.3*		*114*	*26-142*			
Matrix Spike Analyzed: 05/19/04 (4E18024-MS1)					**Source: MNE0280-01**					
PCB-1260	83.2	20	ug/kg	83.3	ND	100	47-126			
Surrogate: Tetrachloro-m-xylene	*16.0*		*ug/kg*	*16.7*		*96*	*23-151*			
Surrogate: Decachlorobiphenyl	*34.4*		*ug/kg*	*33.3*		*103*	*26-142*			
Matrix Spike Dup Analyzed: 05/19/04 (4E18024-MSD1)					**Source: MNE0280-01**					
PCB-1260	70.4	20	ug/kg	83.3	ND	85	47-126	17	37	
Surrogate: Tetrachloro-m-xylene	*13.1*		*ug/kg*	*16.7*		*78*	*23-151*			
Surrogate: Decachlorobiphenyl	*27.7*		*ug/kg*	*33.3*		*83*	*26-142*			

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager

Del Mar Analytical

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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: INE0764

Sampled: 05/12/04
Received: 05/13/04

DATA QUALIFIERS AND DEFINITIONS

A-01	The MS and/or MSD recoveries were above the acceptance limits.
B	Analyte was detected in the associated Method Blank.
B-1	Analyte was detected in the associated method blank. Analyte concentration in the sample is greater than 10x the concentration found in the method blank.
C	Calibration Verification recovery was above the method control limit for this analyte. Analyte not detected, data not impacted.
C-06	To reduce matrix interference, the sample extract has undergone TBA (sulfur) clean-up, method 3660B.
CF1	Primary and confirmation results varied by greater than 40% RPD. The results may still be useful for their intended purpose.
L	Laboratory Control Sample recovery was above the method control limits. Analyte not detected, data not impacted.
M2	The MS and/or MSD were below the acceptance limits due to sample matrix interference. See Blank Spike (LCS).
M-HA	Due to high levels of analyte in the sample, the MS/MSD calculation does not provide useful spike recovery information. See Blank Spike (LCS).
QC02	The percent recovery was below the control limits. The sample results may still be useful for their intended purpose.
R	The RPD exceeded the method control limit due to sample matrix effects. The individual analyte QA/QC recoveries, however, were within acceptance limits.
R-05	The sample was diluted due to the presence of high levels of non-target analytes resulting in elevated reporting limits.
R-3	The RPD exceeded the method control limit due to sample matrix effects.
RL-1	Reporting limit raised due to sample matrix effects.
RL-2	Reporting limit raised due to high concentrations of hydrocarbons.
S02	The surrogate recovery was below control limits. The result may still be useful for its intended purpose.
S08	The surrogate recovery for this sample is not available due to sample dilution which was required by high analyte concentration and/or matrix interference.
Z	Due to sample matrix effects, the surrogate recovery was below the acceptance limits.
Z3	The sample required a dilution due to the nature of the sample matrix. Because of this dilution, the surrogate spike concentration in the sample was reduced to a level where the recovery calculation does not provide useful information.
ND	Analyte NOT DETECTED at or above the reporting limit or MDL, if MDL is specified.
RPD	Relative Percent Difference

ADDITIONAL COMMENTS

For 1,2-Diphenylhydrazine:

The result for 1,2-Diphenylhydrazine is based upon the reading of its breakdown product, Azobenzene.

For Extractable Fuel Hydrocarbons (EFH, DRO, ORO) :

Unless otherwise noted, Extractable Fuel Hydrocarbons (EFH, DRO, ORO) are quantitated against a Diesel Fuel Standard.

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager

Del Mar Analytical

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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: INE0764

Sampled: 05/12/04
Received: 05/13/04

Certification Summary

Del Mar Analytical, Irvine

Method	Matrix	NELAP	CA
EPA 413.2 MOD.	Soil	N/A	N/A
EPA 418.1	Soil	X	X
EPA 6010B	Soil	X	X
EPA 7199	Soil	X	X
EPA 7471A	Soil	X	X
EPA 8015B MOD.	Soil	N/A	N/A
EPA 8260B	Soil-extr	X	X
EPA 8270C	Soil	X	X
EPA 9045C	Soil	X	X
SW846 7.1.2	Solid		
SW846 7.3.2.1	Soil		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.

Subcontracted Laboratories

Calscience-SUB *CA ELAP Cert #1230*

7440 Lincoln Way - Garden Grove, CA 92841

Analysis Performed: Organic Lead
Samples: INE0764-01, INE0764-02, INE0764-03

Sequoia Analytical, Morgan Hill *CA ELAP Cert #1210 and AZ DHS Licence #01117CA*

885 Jarvis Drive - Morgan Hill, CA 95037

Method Performed: EPA 8081A
Samples: INE0764-01, INE0764-02, INE0764-03

Method Performed: EPA 8082
Samples: INE0764-01, INE0764-02, INE0764-03

Del Mar Analytical, Irvine
Amanda Cordova
Project Manager

Del Mar Analytical

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CHAIN OF CUSTODY FORM

JNE0764

Client Name/Address:
GeoSyntec
2100 main St, Suite 150
Huntington Beach, CA
92648

P.O. #: SB0202/31

Project: Ascon LF

Project Manager/Phone Number:
Mike Reardon
#

Phone Number: (714) 969-0800

Sampler: Lauren Daage

Fax Number: (714) 969-0820

ANALYSIS REQUIRED

See Attached List.

Sample Description	Sample Matrix	Container Type	# of Containers	Sampling Date/Time	Preservation		Special Instructions
PNL-BA03-Stockpile Soil	glass	2	5/12/1345	None	X		
PNL-BA11-Stockpile Soil	glass	2	5/12/0950	None	X		
PNL-BA13-Stockpile Soil	glass	2	5/12/1630	none	X		

Relinquished By: Lauren Daage Date/Time: 5/13/04 11:00

Relinquished By: Mike Conley Date/Time: 5/13/04 1245

Relinquished By: Date/Time:

Received By: Mike Conley Date/Time: 5/13/04 11:00

Received By: Date/Time:

Received By: Date/Time: 5/13/04 12:45

Turnaround Time: (check)
Same Day _____ 72 Hours _____
24 Hours _____ 5 days _____
48 hours _____ normal X

Sample Integrity: (Check)
Intact X On Ice: 2°C

Del Mar Analytical

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June 9, 2004

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

Attention: Mike Reardon

Subject: Ascon-Soils
Sampled: 05/12/04
Del Mar Analytical Report Number: INE0764

Dear Mr. Reardon:

Calscience Laboratories performed the Organic Lead Analysis by Method DHS LUFT for the project referenced above. Please use the following cross-reference table when reviewing your results.

Geosyntec ID	Del Mar – Irvine ID	Calscience ID
PNL-BA03-Stockpile	INE0764-01	04-05-1718-1
PNL-BA11-Stockpile	INE0764-02	04-05-1718-2
PNL-BA13-Stockpile	INE0764-03	04-05-1718-3

The final report from the subcontract laboratory is attached. Should you have any questions or comments please contact me at (949) 261-1022, extension 229.

Sincerely,
DEL MAR ANALYTICAL

Amanda Cordova
Project Manager

Enclosure

Calscience
Environmental
Laboratories, Inc.

June 07, 2004

Amanda Cordova
Del Mar Analytical
2852 Alton Parkway
Irvine, CA 92606-5104

Subject: **Calscience Work Order No.:** **04-05-1718**
Client Reference: **INE0764**

Dear Client:

Enclosed is an analytical report for the above-referenced project. The samples included in this report were received 5/29/2004 and analyzed in accordance with the attached chain-of-custody.

Unless otherwise noted, all analytical testing was accomplished in accordance with the guidelines established in our Quality Assurance Program Manual, applicable standard operating procedures, and other related documentation. The original report of any subcontracted analysis is provided herein, and follows the standard Calscience data package. The results in this analytical report are limited to the samples tested and any reproduction thereof must be made in its entirety.

If you have any questions regarding this report, please do not hesitate to contact the undersigned.

Sincerely,

S. Lane

Calscience Environmental
Laboratories, Inc.
Steven L. Lane
Laboratory Director

Michael J. Crisostomo
Quality Assurance Manager

Calscience Environmental Laboratories, Inc.

Analytical Report

Del Mar Analytical
2852 Alton Parkway
Irvine, CA 92606-5104

Date Received: 05/29/04
Work Order No: 04-05-1718
Preparation: DHS LUFT
Method: DHS LUFT

Project: INE0764

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
INE0764-01	**04-05-1718-1**	**05/12/04**	**Solid**	**06/03/04**	**06/03/04**	**040603L07**

Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
INE0764-02	**04-05-1718-2**	**05/12/04**	**Solid**	**06/03/04**	**06/03/04**	**040603L07**

Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
INE0764-03	**04-05-1718-3**	**05/12/04**	**Solid**	**06/03/04**	**06/03/04**	**040603L07**

Parameter	Result	RL	DF	Qual	Units
Organic Lead	1.38	1.00	1		mg/kg

Client Sample Number	Lab Sample Number	Date Collected	Matrix	Date Prepared	Date Analyzed	QC Batch ID
Method Blank	**099-10-020-202**	**N/A**	**Solid**	**06/03/04**	**06/03/04**	**040603L07**

Parameter	Result	RL	DF	Qual	Units
Organic Lead	ND	1.00	1		mg/kg

RL - Reporting Limit , DF - Dilution Factor , Qual - Qualifiers

Calscience Environmental Laboratories, Inc.

Quality Control - Spike/Spike Duplicate

Del Mar Analytical
2852 Alton Parkway
Irvine, CA 92606-5104

Date Received: 05/29/04
Work Order No: 04-05-1718
Preparation: DHS LUFT
Method: DHS LUFT

Project: INE0764

Quality Control Sample ID	Matrix	Instrument	Date Prepared	Date Analyzed	MS/MSD Batch Number
INE0764-01	**Solid**	**FLAA**	**06/03/04**	**06/03/04**	**040603S07**

Parameter	MS %REC	MSD %REC	%REC CL	RPD	RPD CL	Qualifiers
Organic Lead	92	92	50-130	0	0-20	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Quality Control - Laboratory Control Sample

Del Mar Analytical
2852 Alton Parkway
Irvine, CA 92606-5104

Project: INE0764

Date Received: N/A
Work Order No: 04-05-1718
Preparation: DHS LUFT
Method: DHS LUFT

Quality Control Sample ID	Matrix	Instrument	Date Analyzed	Lab File ID	LCS Batch Number
099-10-020-202	Solid	FLAA	06/03/04	NONE	040603L07

Parameter	Conc Added	Conc Recovered	LCS %Rec	%Rec CL	Qualifiers
Organic Lead	25.0	23.8	95	50-130	

RPD - Relative Percent Difference , CL - Control Limit

Calscience Environmental Laboratories, Inc.

Glossary of Terms and Qualifiers

Work Order Number: 04-05-1718

Qualifier	Definition
*	See applicable analysis comment.
1	Surrogate compound recovery was out of control due to a required sample dilution, therefore, the sample data was reported without further clarification.
2	Surrogate compound recovery was out of control due to matrix interference. The associated method blank surrogate spike compound was in control and, therefore, the sample data was reported without further clarification.
3	Recovery of the Matrix Spike or Matrix Spike Duplicate compound was out of control due to matrix interference. The associated LCS and/or LCSD was in control and, therefore, the sample data was reported without further clarification.
4	The MS/MSD RPD was out of control due to matrix interference. The LCS/LCSD RPD was in control and, therefore, the sample data was reported without further clarification.
5	The PDS/PDSD associated with this batch of samples was out of control due to a matrix interference effect. The associated batch LCS/LCSD was in control and, hence, the associated sample data was reported with no further corrective action required.
A	Result is the average of all dilutions, as defined by the method.
B	Analyte was present in the associated method blank.
C	Analyte presence was not confirmed on primary column.
D	The analyte concentration was reported from analysis of the diluted sample.
E	Concentration exceeds the calibration range.
H	Sample received and/or analyzed past the recommended holding time.
J	Analyte was detected at a concentration below the reporting limit and above the laboratory method detection limit. Reported value is estimated.
N	Nontarget Analyte.
ND	Parameter not detected at the indicated reporting limit.
Q	Spike recovery and RPD control limits do not apply resulting from the parameter concentration in the sample exceeding the spike concentration by a factor of four or greater.
U	Undetected at the laboratory method detection limit.
X	% Recovery and/or RPD out-of-range.
Z	Analyte presence was not confirmed by second column or GC/MS analysis.

Del Mar Analytical

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SUBCONTRACT ORDER - PROJECT # INE0764

SENDING LABORATORY:

Del Mar Analytical, Irvine
2852 Alton Parkway
Irvine, CA 92606
Phone: (949) 261-1022
Fax: (949) 261-1228
Project Manager: Amanda Cordova

RECEIVING LABORATORY:

Calscience-SUB
7440 Lincoln Way
Garden Grove, CA 92841 04-05-1718
Phone :714-895-5494
Fax: 714-894-7501

Work Order Comments: [redacted]

Standard TAT is requested unless specific due date is requested => Due Date:_____ Initials:_____

Analysis	Expiration	Comments
Sample ID: INE0764-01 Soil	**Sampled: 05/12/04 13:45**	
Organic Lead-Out	05/26/04 13:45	Sub to Calscience
Containers Supplied:		
8 oz Jar (INE0764-01A)		
Sample ID: INE0764-02 Soil	**Sampled: 05/12/04 09:50**	
Organic Lead-Out	05/26/04 09:50	Sub to Calscience
Containers Supplied:		
8 oz Jar (INE0764-02A)		
Sample ID: INE0764-03 Soil	**Sampled: 05/12/04 16:30**	
Organic Lead-Out	05/26/04 16:30	Sub to Calscience
Containers Supplied:		
8 oz Jar (INE0764-03A)		

SAMPLE INTEGRITY:

All containers intact: ☐ Yes ☐ No Sample labels/COC agree: ☐ Yes ☐ No Samples Received On Ice:: ☐ Yes ☐ No
Custody Seals Present: ☐ Yes ☐ No Samples Preserved Properly: ☐ Yes ☐ No Samples Received at (temp): _____

Released By	Date	Time	Received By	Date	Time
	5/29/04				
Released By	Date	Time	Received By	Date	Time
				5/29/04	12:10

Calscience Environmental Laboratories, Inc.

WORK ORDER #: 04 - 05 - 1718

Cooler 1 of 1

SAMPLE RECEIPT FORM

CLIENT: DEL MAR ANALYTICAL DATE: 5/29/04

TEMPERATURE – SAMPLES RECEIVED BY:

CALSCIENCE COURIER:

_____ Chilled, cooler with temperature blank provided.
_____ Chilled, cooler without temperature blank.
_____ Chilled and placed in cooler with wet ice.
_____ Ambient and placed in cooler with wet ice.
_____ Ambient temperature.
_____ °C Temperature blank.

LABORATORY (Other than Calscience Courier):

_____ °C Temperature blank.
3.7 °C IR thermometer.
_____ Ambient temperature.

Initial: KN

CUSTODY SEAL INTACT:

Sample(s): _____ Cooler: _____ No (Not Intact) : _____ Not Applicable (N/A): ✓

Initial: KN

SAMPLE CONDITION:

	Yes	No	N/A
Chain-Of-Custody document(s) received with samples	✓		
Sample container label(s) consistent with custody papers	✓		
Sample container(s) intact and good condition	✓		
Correct containers for analyses requested	✓		
Proper preservation noted on sample label(s)			✓
VOA vial(s) free of headspace.			✓
Tedlar bag(s) free of condensation			✓

Initial: KN

COMMENTS: