Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *27-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051725
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4683** Batch ID: **4683** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/22/01** Prep Date: **6/21/01**
MBLK SeqNo: **151545**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

Sample ID **MB-4696** Batch ID: **4696** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/26/01** Prep Date: **6/25/01**
MBLK SeqNo: **152165**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

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Work Order: 051725
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4672** Batch ID: **4672** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**
MBLK SeqNo: **150817**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10		0				0			

Sample ID **MB-4685** Batch ID: **4685** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**
MBLK SeqNo: **151241**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Sample ID **010621BLKS1** Batch ID: **E018G20S138** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date:
MBLK SeqNo: **151091**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

Sample ID **010621BLKS2** Batch ID: **E018G20S139** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date:
MBLK SeqNo: **151106**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

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Initials: ____

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QC SUMMARY REPORT
Method Blank

Sample ID **MB-4693** Batch ID: **4693** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/24/01** Prep Date: **6/22/01**

MBLK SeqNo: **151780**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	4.0		0				0			
4,4'-DDE	ND	4.0		0				0			
4,4'-DDT	ND	4.0		0				0			
Aldrin	ND	2.0		0				0			
alpha-BHC	ND	2.0		0				0			
alpha-Chlordane	ND	4.0		0				0			
beta-BHC	ND	2.0		0				0			
Chlordane	ND	17		0				0			
delta-BHC	ND	2.0		0				0			
Dieldrin	ND	4.0		0				0			
Endosulfan I	ND	2.0		0				0			
Endosulfan II	ND	4.0		0				0			
Endosulfan sulfate	ND	4.0		0				0			
Endrin	ND	4.0		0				0			
Endrin aldehyde	ND	4.0		0				0			
Endrin ketone	ND	4.0		0				0			
gamma-BHC	ND	2.0		0				0			
gamma-Chlordane	ND	4.0		0				0			
Heptachlor	ND	2.0		0				0			
Heptachlor epoxide	ND	2.0		0				0			
Methoxychlor	ND	17		0				0			
Toxaphene	ND	170		0				0			

Qualifiers:
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QC SUMMARY REPORT
Method Blank

Sample ID **MB-4693** Batch ID: **4693** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/24/01** Prep Date: **6/22/01**

MBLK SeqNo: **151829**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33		0				0			
Aroclor 1221	ND	67		0				0			
Aroclor 1232	ND	33		0				0			
Aroclor 1242	ND	33		0				0			
Aroclor 1248	ND	33		0				0			
Aroclor 1254	ND	33		0				0			
Aroclor 1260	ND	33		0				0			
Aroclor 1262	ND	33		0				0			
Aroclor 1268	ND	33		0				0			

Qualifiers:
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Work Order: 051725
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010625BLKS3** Batch ID: **P01VOCS103** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/25/01** Prep Date:

MBLK SeqNo: **151973**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0		0				0			
1,1,1-Trichloroethane	ND	5.0		0				0			
1,1,2,2-Tetrachloroethane	ND	5.0		0				0			
1,1,2-Trichloroethane	ND	5.0		0				0			
1,1-Dichloroethane	ND	5.0		0				0			
1,1-Dichloroethene	ND	5.0		0				0			
1,1-Dichloropropene	ND	5.0		0				0			
1,2,3-Trichlorobenzene	ND	5.0		0				0			
1,2,3-Trichloropropane	ND	5.0		0				0			
1,2,4-Trichlorobenzene	ND	5.0		0				0			
1,2,4-Trimethylbenzene	ND	5.0		0				0			
1,2-Dibromo-3-chloropropane	ND	10		0				0			
1,2-Dibromoethane	ND	5.0		0				0			
1,2-Dichlorobenzene	ND	5.0		0				0			
1,2-Dichloroethane	ND	5.0		0				0			
1,2-Dichloropropane	ND	5.0		0				0			
1,3,5-Trimethylbenzene	ND	5.0		0				0			
1,3-Dichlorobenzene	ND	5.0		0				0			
1,3-Dichloropropane	ND	5.0		0				0			
1,4-Dichlorobenzene	ND	5.0		0				0			
2,2-Dichloropropane	ND	5.0		0				0			
2-Chlorotoluene	ND	5.0		0				0			
4-Chlorotoluene	ND	5.0		0				0			
4-Isopropyltoluene	ND	5.0		0				0			
Benzene	ND	5.0		0				0			
Bromobenzene	ND	5.0		0				0			
Bromodichloromethane	ND	5.0		0				0			

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Initials:

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QC SUMMARY REPORT
Method Blank

Bromoform	ND	5.0	0	0
Bromomethane	ND	5.0	0	0
Carbon tetrachloride	ND	5.0	0	0
Chlorobenzene	ND	5.0	0	0
Chloroethane	ND	5.0	0	0
Chloroform	ND	5.0	0	0
Chloromethane	ND	5.0	0	0
cis-1,2-Dichloroethene	ND	5.0	0	0
cis-1,3-Dichloropropene	ND	5.0	0	0
Dibromochloromethane	ND	5.0	0	0
Dibromomethane	ND	5.0	0	0
Dichlorodifluoromethane	ND	5.0	0	0
Ethylbenzene	ND	5.0	0	0
Hexachlorobutadiene	ND	5.0	0	0
Isopropylbenzene	ND	5.0	0	0
m,p-Xylene	ND	5.0	0	0
Methylene chloride	ND	5.0	0	0
n-Butylbenzene	ND	5.0	0	0
n-Propylbenzene	ND	5.0	0	0
Naphthalene	ND	5.0	0	0
o-Xylene	ND	5.0	0	0
sec-Butylbenzene	ND	5.0	0	0
Styrene	ND	5.0	0	0
tert-Butylbenzene	ND	5.0	0	0
Tetrachloroethene	ND	5.0	0	0
Toluene	ND	5.0	0	0
trans-1,2-Dichloroethene	ND	5.0	0	0
Trichloroethene	ND	5.0	0	0
Trichlorofluoromethane	ND	5.0	0	0
Vinyl chloride	ND	5.0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit; B - Analyte detected in the associated Method Blank; DO - Surrogate Diluted Out
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R - RPD outside accepted recovery limits; S - Spike/Surrogate outside of limits due to matrix interference

Initials: ____

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Advanced Technology Laboratories

Date: *27-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051725
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051725-006ADU** Batch ID: **4683** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/22/01** Prep Date: **6/21/01**
DUP SeqNo: **151550**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.5	0.25	0	0	0	0	0	0.5	0	30	
Arsenic	7	0.25	0	0	0	0	0	6.5	7	30	
Barium	36	0.15	0	0	0	0	0	27	29	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	20	0.15	0	0	0	0	0	22	12	30	
Cobalt	5.5	0.15	0	0	0	0	0	5.5	0	30	
Copper	24	0.15	0	0	0	0	0	20	18	30	
Lead	110	0.25	0	0	0	0	0	57	63	30	R
Molybdenum	0.1	0.25	0	0	0	0	0	0.15	25	30	J
Nickel	25	0.15	0	0	0	0	0	28	10	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	ND	0.15	0	0	0	0	0	0	0	30	
Thallium	0.03	0.25	0	0	0	0	0	0.16	143	30	JR
Vanadium	16	0.15	0	0	0	0	0	16	0	30	
Zinc	52	0.50	0	0	0	0	0	42	21	30	

Sample ID **051725-003ADU** Batch ID: **4696** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/26/01** Prep Date: **6/25/01**
DUP SeqNo: **152170**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	30	5.0	0	0	0	0	0	42	32	30	R

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051725-006ADU** Batch ID: **4672** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**
DUP SeqNo: **150812**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.11	0.10	0	0	0	0	0	0.14	24	30	

Sample ID **051658-008ADU** Batch ID: **4685** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**
DUP SeqNo: **151242**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	2.6	1.0	0	0	0	0	0	2.3	14	30	
Motor Oil	5	1.0	0	0	0	0	0	6.9	32	30	R

Qualifiers:
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Initials: ____

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CLIENT: Geocon Environmental
Work Order: 051725
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051674-004ADU** Batch ID: **4693** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/24/01** Prep Date: **6/22/01**

DUP SeqNo: **151788**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	4.0	0	0	0	0	0	0	0	30	
4,4´-DDE	2	4.0	0	0	0	0	0	1.3	42	30	J
4,4´-DDT	ND	4.0	0	0	0	0	0	0	0	30	
Aldrin	ND	2.0	0	0	0	0	0	0	0	30	
alpha-BHC	ND	2.0	0	0	0	0	0	0	0	30	
alpha-Chlordane	2	4.0	0	0	0	0	0	0	200	30	J
beta-BHC	ND	2.0	0	0	0	0	0	0	0	30	
Chlordane	ND	17	0	0	0	0	0	0	0	30	
delta-BHC	ND	2.0	0	0	0	0	0	0	0	30	
Dieldrin	ND	4.0	0	0	0	0	0	0	0	30	
Endosulfan I	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan II	ND	4.0	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	4.0	0	0	0	0	0	0	0	30	
Endrin	ND	4.0	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	4.0	0	0	0	0	0	0	0	30	
Endrin ketone	ND	4.0	0	0	0	0	0	0	0	30	
gamma-BHC	ND	2.0	0	0	0	0	0	0	0	30	
gamma-Chlordane	2	4.0	0	0	0	0	0	0.94	76	30	J
Heptachlor	ND	2.0	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	2.0	0	0	0	0	0	0	0	30	
Methoxychlor	ND	17	0	0	0	0	0	0	0	30	
Toxaphene	ND	170	0	0	0	0	0	0	0	30	

Qualifiers:
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Initials: _____

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051674-004ADU** Batch ID: **4693** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/24/01** Prep Date: **6/22/01**

DUP SeqNo: **151837**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	67	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1260	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1262	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	33	0	0	0	0	0	0	0	30	

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Initials: [illegible]

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051725-006ADU** Batch ID: **P01VOCS103** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/25/01** Prep Date:

DUP SeqNo: **151976**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dibromo-3-chloropropane	ND	10	0	0	0	0	0	0	0	30	
1,2-Dibromoethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3,5-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
2,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
2-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Isopropyltoluene	ND	5.0	0	0	0	0	0	0	0	30	
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit; B - Analyte detected in the associated Method Blank; DO - Surrogate Diluted Out
J - Analyte detected below quantitation limits; M - Not Monitored. Highly Reactive
R - RPD outside accepted recovery limits; S - Spike/Surrogate outside of limits due to matrix interference

Initials: _____

All calculations are based on raw values.

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Work Order: 051725
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Bromoform	ND	5.0	0	0	0	0	0	0	0	30
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30
Chloroform	ND	5.0	0	0	0	0	0	0	0	30
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30
Dibromomethane	ND	5.0	0	0	0	0	0	0	0	30
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Hexachlorobutadiene	ND	5.0	0	0	0	0	0	0	0	30
Isopropylbenzene	ND	5.0	0	0	0	0	0	0	0	30
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30
n-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
n-Propylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Naphthalene	ND	5.0	0	0	0	0	0	0	0	30
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30
sec-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Styrene	ND	5.0	0	0	0	0	0	0	0	30
tert-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30
Toluene	ND	5.0	0	0	0	0	0	0	0	30
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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Advanced Technology Laboratories

Date: *27-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051725
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051725-006AMS** Batch ID: **4683** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/22/01** Prep Date: **6/21/01**

MS SeqNo: **151551**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100	0.25	125	0.5	80	32	115	0			
Arsenic	120	0.25	125	6.5	94	59	111	0			
Barium	140	0.15	125	27	91	34	151	0			
Beryllium	120	0.15	125	0	94	56	112	0			
Cadmium	110	0.15	125	0	88	52	120	0			
Chromium	140	0.15	125	22	93	56	118	0			
Cobalt	120	0.15	125	5.5	90	58	117	0			
Copper	150	0.15	125	20	108	58	134	0			
Lead	160	0.25	125	57	80	47	128	0			
Molybdenum	110	0.25	125	0.15	90	56	115	0			
Nickel	140	0.15	125	28	92	52	120	0			
Selenium	120	0.25	125	0	93	46	108	0			
Silver	120	0.15	125	0	96	74	117	0			
Thallium	110	0.25	125	0.16	89	62	117	0			
Vanadium	130	0.15	125	16	92	55	122	0			
Zinc	160	0.50	125	42	91	43	134	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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Work Order: 051725
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051725-006AMS** Batch ID: **4683** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/22/01** Prep Date: **6/21/01**

MSD SeqNo: **151552**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100	0.25	125	0.5	80	32	115	100	1	20	
Arsenic	120	0.25	125	6.5	93	59	111	120	3	20	
Barium	140	0.15	125	27	90	34	151	140	1	20	
Beryllium	120	0.15	125	0	93	56	112	120	2	20	
Cadmium	110	0.15	125	0	87	52	120	110	0	20	
Chromium	140	0.15	125	22	92	56	118	140	1	20	
Cobalt	120	0.15	125	5.5	89	58	117	120	2	20	
Copper	150	0.15	125	20	105	58	134	150	3	20	
Lead	160	0.25	125	57	80	47	128	160	2	20	
Molybdenum	110	0.25	125	0.15	89	56	115	110	2	20	
Nickel	140	0.15	125	28	88	52	120	140	2	20	
Selenium	120	0.25	125	0	92	46	108	120	3	20	
Silver	120	0.15	125	0	95	74	117	120	0	20	
Thallium	110	0.25	125	0.16	88	62	117	110	1	20	
Vanadium	130	0.15	125	16	92	55	122	130	1	20	
Zinc	160	0.50	125	42	94	43	134	160	3	20	

Sample ID **051725-003AMS** Batch ID: **4696** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/26/01** Prep Date: **6/25/01**

MS SeqNo: **152171**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	240	5.0	250	42	78	47	128	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051725-003AMS** Batch ID: **4696** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/26/01** Prep Date: **6/25/01**
MSD SeqNo: **152172**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	270	5.0	250	42	91	47	128	240	13	20	

Sample ID **051725-006AMS** Batch ID: **4672** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**
MS SeqNo: **150813**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.87	0.10	0.83	0.14	88	62	146	0			

Sample ID **051725-006AMS** Batch ID: **4672** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**
MSD SeqNo: **150814**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.92	0.10	0.83	0.14	94	62	146	0.87	6	33	

Sample ID **051728-002AMS** Batch ID: **E018G20S138** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date:
MS SeqNo: **151094**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	1.2	1.0	5	0	24	31	113	0			S

Sample ID **051728-002AMS** Batch ID: **E018G20S138** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date:
MSD SeqNo: **151095**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	1.8	1.0	5	0	37	31	113	1.2	41	25	R

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051689-022AMS** Batch ID: **E018G20S139** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date:
MS SeqNo: **151108**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.8	1.0	5	0	77	31	113	0			

Sample ID **051689-022AMS** Batch ID: **E018G20S139** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date:
MSD SeqNo: **151109**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.7	1.0	5	0	75	31	113	3.8	4	25	

Sample ID **051674-001AMS** Batch ID: **4693** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/24/01** Prep Date: **6/22/01**
MS SeqNo: **151782**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	22	4.0	26.6	0	83	40	150	0			
Aldrin	12	2.0	13.3	0	90	40	150	0			
Dieldrin	19	4.0	26.6	0	71	40	150	0			
Endrin	19	4.0	26.6	0	71	40	150	0			
gamma-BHC	9.5	2.0	13.3	0	71	40	150	0			
Heptachlor	10	2.0	13.3	0	75	40	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

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Work Order: 051725
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QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051674-001AMS** Batch ID: **4693** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/24/01** Prep Date: **6/22/01**
MSD SeqNo: **151783**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	21	4.0	26.6	0	79	40	150	22	4	50	
Aldrin	12	2.0	13.3	0	90	40	150	12	1	50	
Dieldrin	20	4.0	26.6	0	75	40	150	19	3	50	
Endrin	19	4.0	26.6	0	71	40	150	19	1	50	
gamma-BHC	9.4	2.0	13.3	0	71	40	150	9.5	2	50	
Heptachlor	9.9	2.0	13.3	0	74	40	150	10	3	50	

Sample ID **051674-002AMS** Batch ID: **4693** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/24/01** Prep Date: **6/22/01**
MS SeqNo: **151831**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	290	33	333.3	0	87	50	150	0			
Aroclor 1260	310	33	333.3	0	93	50	150	0			

Sample ID **051674-002AMS** Batch ID: **4693** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/24/01** Prep Date: **6/22/01**
MSD SeqNo: **151832**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	280	33	333.3	0	84	50	150	290	4	50	
Aroclor 1260	300	33	333.3	0	90	50	150	310	3	50	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051781-012AMS** Batch ID: **P01VOCS103** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/25/01** Prep Date:

MS SeqNo: **151978**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	97	5.0	100	0	97	71	140	0			
Benzene	94	5.0	100	0	94	74	129	0			
Chlorobenzene	87	5.0	100	0	87	44	136	0			
Toluene	92	5.0	100	0	92	59	142	0			
Trichloroethene	110	5.0	100	10	96	70	135	0			

Sample ID **051781-012AMS** Batch ID: **P01VOCS103** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/25/01** Prep Date:

MSD SeqNo: **151979**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	110	5.0	100	0	109	71	140	97	12	26	
Benzene	100	5.0	100	0	103	74	129	94	6	18	
Chlorobenzene	94	5.0	100	0	94	44	136	87	8	22	
Toluene	100	5.0	100	0	101	59	142	92	8	21	
Trichloroethene	120	5.0	100	10	113	70	135	110	12	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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Date: *27-Jun-01*

CLIENT: Geocon Environmental
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Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4683** Batch ID: **4683** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/22/01** Prep Date: **6/21/01**

LCS SeqNo: **151546**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	51	0.25	50	0	102	80	120	0			
Arsenic	51	0.25	50	0	102	80	120	0			
Barium	48	0.15	50	0	97	80	120	0			
Beryllium	50	0.15	50	0	99	80	120	0			
Cadmium	48	0.15	50	0	97	80	120	0			
Chromium	48	0.15	50	0	97	80	120	0			
Cobalt	48	0.15	50	0	96	80	120	0			
Copper	50	0.15	50	0	101	80	120	0			
Lead	46	0.25	50	0	92	80	120	0			
Molybdenum	49	0.25	50	0	98	80	120	0			
Nickel	48	0.15	50	0	95	80	120	0			
Selenium	49	0.25	50	0	98	80	120	0			
Silver	42	0.15	50	0	84	80	120	0			
Thallium	48	0.25	50	0	96	80	120	0			
Vanadium	48	0.15	50	0	95	80	120	0			
Zinc	48	0.50	50	0	96	80	120	0			

Sample ID **LCS-4696** Batch ID: **4696** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/26/01** Prep Date: **6/25/01**

LCS SeqNo: **152166**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	260	5.0	250	0	103	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051725
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4672** Batch ID: **4672** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**
LCS SeqNo: **150816**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.8	0.10	2.08	0	87	80	120	0			

Sample ID **010621LCS1** Batch ID: **E018G20S138** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date:
LCS SeqNo: **151105**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.7	1.0	5	0	94	64	128	0			

Sample ID **010621LCS2** Batch ID: **E018G20S139** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/22/01** Prep Date:
LCS SeqNo: **151119**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.5	1.0	5	0	89	64	128	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051725
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4693** Batch ID: **4693** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/24/01** Prep Date: **6/22/01**

LCS SeqNo: **151781**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	30	4.0	33.3	0	90	50	150	0			
4,4'-DDE	31	4.0	33.3	0	93	50	150	0			
4,4'-DDT	30	4.0	33.3	0	90	50	150	0			
Aldrin	30	2.0	33.3	0	90	50	150	0			
alpha-BHC	29	2.0	33.3	0	87	50	150	0			
alpha-Chlordane	30	4.0	33.3	0	90	50	150	0			
beta-BHC	29	2.0	33.3	0	87	50	150	0			
delta-BHC	23	2.0	33.3	0	69	50	150	0			
Dieldrin	31	4.0	33.3	0	93	50	150	0			
Endosulfan I	30	2.0	33.3	0	90	50	150	0			
Endosulfan II	31	4.0	33.3	0	93	50	150	0			
Endosulfan sulfate	31	4.0	33.3	0	93	50	150	0			
Endrin	34	4.0	33.3	0	102	50	150	0			
Endrin aldehyde	31	4.0	33.3	0	93	50	150	0			
Endrin ketone	31	4.0	33.3	0	93	50	150	0			
gamma-BHC	30	2.0	33.3	0	90	50	150	0			
gamma-Chlordane	30	4.0	33.3	0	90	50	150	0			
Heptachlor	26	2.0	33.3	0	78	50	150	0			
Heptachlor epoxide	30	2.0	33.3	0	90	50	150	0			
Methoxychlor	33	17	33.3	0	99	50	150	0			

Sample ID **LCS-4693** Batch ID: **4693** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/24/01** Prep Date: **6/22/01**

LCS SeqNo: **151830**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	270	33	333.3	0	81	50	150	0			
Aroclor 1260	290	33	333.3	0	87	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051725
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **010625LCSS1** Batch ID: **P01VOCS103** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/25/01** Prep Date:

LCS SeqNo: **151972**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	110	5.0	100	0	105	30	150	0			
1,1,2,2-Tetrachloroethane	120	5.0	100	0	119	30	150	0			
1,1,2-Trichloroethane	110	5.0	100	0	109	30	150	0			
1,1-Dichloroethane	100	5.0	100	0	103	30	150	0			
1,1-Dichloroethene	100	5.0	100	0	103	30	150	0			
1,2-Dichlorobenzene	110	5.0	100	0	112	30	150	0			
1,2-Dichloroethane	110	5.0	100	0	111	30	150	0			
1,2-Dichloropropane	110	5.0	100	0	108	30	150	0			
1,3-Dichlorobenzene	110	5.0	100	0	110	30	150	0			
1,4-Dichlorobenzene	110	5.0	100	0	109	30	150	0			
Benzene	100	5.0	100	0	104	30	150	0			
Bromodichloromethane	110	5.0	100	0	107	30	150	0			
Bromoform	110	5.0	100	0	113	30	150	0			
Bromomethane	83	5.0	100	0	83	30	150	0			
Carbon tetrachloride	110	5.0	100	0	110	30	150	0			
Chlorobenzene	110	5.0	100	0	109	30	150	0			
Chloroethane	95	5.0	100	0	95	30	150	0			
Chloroform	100	5.0	100	0	100	30	150	0			
Chloromethane	93	5.0	100	0	93	30	150	0			
cis-1,3-Dichloropropene	110	5.0	100	0	107	30	150	0			
Ethylbenzene	110	5.0	100	0	108	30	150	0			
m,p-Xylene	220	5.0	200	0	108	30	150	0			
Methylene chloride	100	5.0	100	0	100	30	150	0			
o-Xylene	110	5.0	100	0	108	30	150	0			
Tetrachloroethene	110	5.0	100	0	110	30	150	0			
Toluene	100	5.0	100	0	105	30	150	0			
trans-1,2-Dichloroethene	100	5.0	100	0	103	30	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051725
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Trichloroethene	110	5.0	100	0	106	30	150	0
Trichlorofluoromethane	110	5.0	100	0	106	30	150	0
Vinyl chloride	97	5.0	100	0	97	30	150	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

American Environmental Testing Laboratory Inc.

2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • AETLAB@AOL.COM

ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90807

Telephone: (562)989-4045
Attn: Diane Galvan

Page: 2
Project ID: 051725

AETL Job Number	Submitted	Client
19151	06/20/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06222001 / 06222001

Our Lab I.D.							
Client Sample I.D.			Method Blank				
Date Sampled			06/19/2001				
Date Prepared			06/22/2001				
Preparation Method			3550B				
Date Analyzed			06/24/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
Benzo(a)anthracene	0.010	0.020	ND				
Benzo(a)pyrene	0.010	0.020	ND				
Benzo(b)fluoranthene	0.010	0.020	ND				
Benzo(k)fluoranthene	0.010	0.020	ND				
Chrysene	0.010	0.020	ND				
Dibenzo(a,h)anthracene	0.010	0.020	ND				
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND				
Acenaphthene	0.010	0.020	ND				
Acenaphthylene	0.010	0.020	ND				
Anthracene	0.010	0.020	ND				
Benzo(ghi)perylene	0.010	0.020	ND				
Fluoranthene	0.010	0.020	ND				
Fluorene	0.010	0.020	ND				
Naphthalene	0.010	0.020	ND				
Phenanthrene	0.010	0.020	ND				
Pyrene	0.010	0.020	ND				

Our Lab I.D.							
Surrogates	Con.Limit		% Rec.				
p-Terphenyl-D14	75-125		96				

American Environmental Testing Laboratory Inc.

2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • AETLAB@AOL.COM

ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90807

Telephone: (562)989-4045
Attn: Diane Galvan

Page: 3
Project ID: 051725

AETL Job Number	Submitted	Client
19151	06/20/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06222001 / 06222001

Our Lab I.D.			AE100288	AE100289	AE100290		
Client Sample I.D.			051725-004A	051725-005A	051725-006A		
Date Sampled			06/19/2001	06/19/2001	06/19/2001		
Date Prepared			06/22/2001	06/22/2001	06/22/2001		
Preparation Method			3550B	3550B	3550B		
Date Analyzed			06/24/2001	06/24/2001	06/24/2001		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			2	2	2		
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**		
Benzo(a)anthracene	0.020	0.040	0.151	ND	0.088		
Benzo(a)pyrene	0.020	0.040	0.210	ND	0.140		
Benzo(b)fluoranthene	0.020	0.040	0.426	ND	0.133		
Benzo(k)fluoranthene	0.020	0.040	0.210	ND	0.048		
Chrysene	0.020	0.040	0.680	ND	0.078		
Dibenzo(a,h)anthracene	0.020	0.040	ND	ND	ND		
Indeno(1,2,3-cd)pyrene	0.020	0.040	0.102	ND	0.101		
Acenaphthene	0.020	0.040	ND	ND	ND		
Acenaphthylene	0.020	0.040	ND	ND	ND		
Anthracene	0.020	0.040	0.387	ND	0.052		
Benzo(ghi)perylene	0.020	0.040	0.116	ND	0.094		
Fluoranthene	0.020	0.040	1.49	0.28	0.316		
Fluorene	0.020	0.040	0.049	ND	ND		
Naphthalene	0.020	0.040	0.024J	ND	ND		
Phenanthrene	0.020	0.040	0.705	0.033J	0.287		
Pyrene	0.020	0.040	1.36	0.035J	0.350		

Our Lab I.D.			AE100288	AE100289	AE100290		
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**	**% Rec.**		
p-Terphenyl-D14	75-125		83	101	84		

JUN.26'2001 09:23 818 845 8840 AETL #6951 P.005/006

American Environmental Testing Laboratory Inc.

2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • AETLAB@AOL.COM

ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90807

Telephone: (562)989-4045
Attn: Diane Galvan

Page: 4
Project ID: 051725

AETL Job Number	Submitted	Client
19151	06/20/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QUALITY CONTROL REPORT

QC Batch Number: 06222001 / 06222001

Analytes	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit	
Benzo(a)anthracene	50.00	48.00	96	50.00	50.00	100	4.0	75-125	<20	
Benzo(a)pyrene	50.00	50.00	100	50.00	48.50	97	3.0	75-125	<20	
Naphthalene	500.00	425.00	85	500.00	425.00	85	<1	75-125	<20	

QC Batch Number: 06222001 / 06222001

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Benzo(a)anthracene	50.00	50.00	100	75-125						
Benzo(a)pyrene	50.00	50.50	101	75-125						
Naphthalene	500.00	440.00	88	75-125						
LCS										
Acenaphthene	500.00	540.00	108	75-125						
Acenaphthylene	500.00	525.00	105	75-125						
Anthracene	500.00	555.00	111	75-125						
Benzo(b)fluoranthene	50.00	50.50	101	75-125						
Benzo(ghi)perylene	50.00	51.50	103	75-125						
Benzo(k)fluoranthene	25.00	24.50	98	75-125						
Chrysene	50.00	53.00	106	75-125						
Dibenzo(a,h)anthracene	50.00	48.00	96	75-125						
Fluoranthene	50.00	50.00	100	75-125						
Fluorene	500.00	520.00	104	75-125						
Indeno(1,2,3-cd)pyrene	50.00	44.50	89	75-125						
Phenanthrene	500.00	580.00	116	75-125						
Pyrene	50.00	49.00	98	75-125						

JUN.26'2001 09:21 818 845 8840 AETL #6951 P.006/006

June 19, 2001

Mark Hasting
Geocon Environmental
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5900
FAX (925) 371-5915

ELAP No: 1838

RE: Oakland Mole - E8000-06-13

Work Order No.: 051656

Attention: Mark Hasting

Enclosed are the results for sample(s) received on June 15, 2001 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Edgar Caballero
Laboratory Director

This cover letter is an integral part of this analytical report.

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: Geocon (East bay)
Attn: Mark Hasting
Address: 2356 Research Dr
City: livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: (925) 371-5915

Project Name: Oakland Mole Project #: E8000-06-13 Sampler: (Printed Name) Travis Mills (Signature) [signature]

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
[signature]	6/14	1200	Fed-Ex	6/14	1200
			AM	6/15	

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Travis Mills (Print Name) 6/14 (Date) [signature] (Signature)

Send Report To: Attn: _____ Co: _____ Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: _____ Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: Lead & Metals Analysis are on 48hr TAT

Caltrans 43A0012

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal: ☐ Laboratory Standard ☐ Other _____ ☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested

CIRCLE APPROPRIATE MATRIX

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	8081 / 8082 (Pesticides/PCB/GC)	8260 (Volatiles-GC/MS)	625 / 8270 (BNA-GC/MS)	Metals-Total (CAC 8080/7000)	8015M TPHG/BTEX (COMBINATION)	8015M TPH/D (Diesel-GC)	TPHmo	PAHs (8100)	Total lead (6010)	SOLID (SOIL) SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	51656-001	E29C-Ø	6/14	915									X	X							48hr	1	bag		
	2	E29L-Ø		917									X								48hr		bag		
	3	E30C-Ø		919				X													48hr		bag		
	4	E30L-Ø		921	X	X		X	X	X	X	X									E		TMC		
	5	E31L-Ø		1015									X								48hr		bag		
	6	E31C-Ø		1017									X								48hr		bag		
	7	E32C-Ø		1020	X	X		X	X	X	X	X									E		TMC		
	8	E32L-Ø		1022	X	X		X	X	X	X	X									E		TMC		
	9	E33L-Ø		1030									X								48hr		bag		
	10	E33C-Ø		1032									X								48hr		bag		

• TAT starts 8 a[illegible] following day if samples rec[illegible] after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 [illegible]kdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=P[illegible] J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 [illegible] H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=[illegible] T=$Na_2S_2O_3$

DISTRIBUTION: White with report. Yellow to folder. Pink to submitter.

CHAIN OF CU ODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐
3. CONTAINER INTACT Y☐ N☐
4. SEALED Y☐ N☐
5. # OF SPLS MATCH COC Y☐ N☐
6. PRESERVED Y☐ N☐

Client: Geocon (East Bay)
Attn: Mark Husting
Address: 2356 Research Dr
City: Livermore State: CA Zip Code: 94550
TEL: (925) 371-5900
FAX: ( ) 371-5915

Project Name: Oakland Mole
Project #: E8000-06-13
Sampler: (Printed Name) Travis Mills (Signature)

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
[signature]	6/14	1200	Fed-Ex	6/14	1200
			[signature]	6/15	

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Travis Mills 6/14/01
Print Name Date
[signature] Signature

Send Report To: Attn: _____ Co: _____ Address _____ City _____ State _____ Zip _____

Bill To: Attn: _____ Co: _____ Address _____ City _____ State _____ Zip _____

Special Instructions/Comments: See page 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCB-GC) | 8260 (Volatiles-GC/MS) VOCs 8260B | 625 / 8270 (BNA-GC/MS) | Metals-Total (CAC-6010 / 7000) | 8015M TPH/GBTEX (COMBINATION) | 8015M TPH/D (Diesel-GC) | TPHmo 8015 | PAHs (8100) | Total lead (6010)

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE | OIL • SOLVENT • LIQUID | WATER • WASTEWATER | DRINKING WATER | AIR | WIPE • FILTER | OTHER

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER ☐

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date (2001)	Time	8081 / 8082	8260	625 / 8270	Metals-Total	8015M TPH/GBTEX	8015M TPH/D	TPHmo 8015	PAHs (8100)	Total lead (6010)	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	011	E34L-Ø	6/14	1050	X	X		X	X	X	X	X		X							E	1	TMC		
	12	E34C-Ø		1052				X													48hr				
	13	E35L-Ø		1055									X								L				
	14	E35C-Ø		1057									X												
	15	E36L-Ø		1100	X	X		X	X	X	X	X									E				
	16	E36C-Ø		1102	X	X		X	X	X	X	X									E				
	17	E37L-Ø		1105									X								48hr				
	18	E37C-Ø		1107									X								48hr				
	19	E38L-Ø		1110	X	X		X	X	X	X	X									E				
	20	E38C-Ø		1112				X													48hr				

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: Geocon (East Bay) Address: TEL: ( )
Attn: Mark Hasting City State Zip Code FAX: ( )

Project Name: Oakland Mole Project #: E8000-06-13 Sampler: (Printed Name) Travis Mills (Signature)

Relinquished by: (Signature and Printed Name) Date: 6/14 Time: 1700 Received by: (Signature and Printed Name) Date: 6/15 Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter: Travis Mills 6/14
Print Name Date
Signature

Send Report To:
Attn: _____
Co: _____
Address _____
City _____ State ____ Zip ____

Bill To:
Attn: _____
Co: _____
Address _____
City _____ State ____ Zip ____

Special Instructions/Comments:
See page 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested: 8081 / 8082 (Pesticides/PCBs); 8260 (Volatiles-GC/MS); 625 / 8270 (BNA-GC/MS); Metals-Total (CAC-6010B / 7000); 8015M TPHg/BTEX (COMBINATION); 8015M TPHD (Diesel-GC); TPHmo; PAHs; 8260B; 8015 8100; Total Lead 6010

CIRCLE APPROPRIATE MATRIX: SOLID • SOIL • SLUDGE; OIL • SOLVENT • LIQUID; WATER • WASTEWATER; DRINKING WATER; AIR; WIPE • FILTER; OTHER

PRESERVATION: TAT; Container(s) # Type

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER _____

ITEM	Lab No.	Sample I.D.	Date	Time	TAT	#	Type	REMARKS
	021	E34L-0	6/14	1020	48hr	1	T	TMC
	22	E39C-0		1122	48hr	1	T	TMC
	23	MD10-0		1135	48hr		T	bag
	24	MD10-1		1140	48hr		T	bag
	25	MD11-0		1145	E		T	TMC
	26	MD11-0.3		1150	E		T	TMC
	27	MD12-0		1240	48hr		T	bag
	028	MD12-0.3		1245	48hr		T	bag
		MD13-0		1255	E		T	TMC
		MD13-0.5		1300				

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=HCl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

DISTRIBUTION: White with report, Yellow to folder, Pink to submitter.

CHAIN OF CU ODY RECORD

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: Geocon (East bay)
Attn: Mark Hasting
Address:
City State Zip Code
TEL: (925) 371-5900
FAX: ( )

Project Name: Oakland Mole
Project #: E8000-06-13
Sampler: (Printed Name) Travis Mills (Signature)

Relinquished by: (Signature and Printed Name)	Date:	Time:	Received by: (Signature and Printed Name)	Date:	Time:
[signature]	6/14	1700	Fed-Ex	6/14	1700
[signature]			AM	6/15	

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Travis Mills 6/14/01
Print Name Date
[signature]
Signature

Send Report To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See page 1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested

CIRCLE APPROPRIATE MATRIX

ITEM	LAB USE ONLY: Batch #: Lab No.	Sample Description: Sample I.D.	Date	Time	8081 / 8082 (Pesticides/PCB-GC)	8260 (Volatiles-GC/MS) VOCs 8260B	625 / 8270 (BNA-GC/MS)	Metals-Total (CAC-6010 / 7000)	8015M TPH/GBTEX (COMBINATION) TVHe 22	8015M TPH/D (Diesel-GC)	TPH/MO (8015)	PAH (8100)	Total lead (6010)	SOLID (SOIL) • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
	29	MD13-0	6/14	1350	X	X		X	X	X	X	X		X							48hr	1	TP	C	
	30	MD13-1		1350	X	X		X	X	X	X	X		X							48hr	1	TP	C	
	31	MD14-0		1355				X		X	X	X	X	X								1	TP	C	
	32	MD14-1											X	X								1	TP	C	
	33	MD14-2											X	X								1	TP	C	

NO

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER _____

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

Advanced Technology Laboratories

Print Date: *19-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	EPA 6010B
Lab Order:	051656	**Units:**	mg/Kg
Project:	Oakland Mole - E8000-06-13	**Analyst:**	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051656-001A	E29C-0	Soil	6/14/01	4619	94	5		1	6/18/01
051656-002A	E29L-0	Soil	6/14/01	4619	120	5		1	6/18/01
051656-005A	E31L-0	Soil	6/14/01	4619	99	5		1	6/18/01
051656-006A	E31C-0	Soil	6/14/01	4619	68	5		1	6/18/01
051656-009A	E33L-0	Soil	6/14/01	4619	68	5		1	6/18/01
051656-010A	E33C-0	Soil	6/14/01	4619	280	5		1	6/18/01
051656-013A	E35L-0	Soil	6/14/01	4619	70	5		1	6/18/01
051656-014A	E35C-0	Soil	6/14/01	4619	39	5		1	6/18/01
051656-017A	E37L-0	Soil	6/14/01	4619	39	5		1	6/18/01
051656-018A	E37C-0	Soil	6/14/01	4619	68	5		1	6/18/01
051656-021A	E39L-0	Soil	6/14/01	4619	45	5		1	6/18/01
051656-022A	E39C-0	Soil	6/14/01	4619	59	5		1	6/18/01

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

dvanced Technology Laboratories

Print Date: *19-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	EPA 6010B
Lab Order:	051656	**Units:**	mg/Kg
Project:	Oakland Mole - E8000-06-13	**Analyst:**	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051656-023A	MD10-0	Soil	6/14/01	4619	190	5		1	6/18/01
051656-024A	MD10-1	Soil	6/14/01	4619	150	5		1	6/18/01
051656-027A	MD12-0	Soil	6/14/01	4619	160	5		1	6/18/01
051656-028A	MD12-0.3	Soil	6/14/01	4619	180	5		1	6/18/01
051656-031A	MD14-0	Soil	6/14/01	4619	71	5		1	6/18/01
051656-032A	MD14-1	Soil	6/14/01	4619	70	5		1	6/18/01
051656-033A	MD14-2	Soil	6/14/01	4619	130	5		1	6/18/01

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Initials: _____

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Advanced Technology Laboratories

Print Date: *02-Jul-01*

CLIENT:	Geocon Environmental	**Test No:**	WET/ EPA 7420
Lab Order:	051539	**Units:**	mg/L
Project:	Oakland Mole - E8000-06-13	**Analyst:**	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051539-002A	SS1-0.3	Solid/ STLC Extract	6/7/01	4762	13	0.15		1	6/29/01

Qualifiers

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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:_____

'vanced Technology Laboratories

Print Date: *02-Jul-01*

CLIENT:	Geocon Environmental	**Test No:**	WET/ EPA 7420
Lab Order:	051656	**Units:**	mg/L
Project:	Oakland Mole - E8000-06-13	**Analyst:**	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051656-001A	E29C-0	Solid/ STLC Extract	6/14/01	4758	13	0.15		1	6/29/01
051656-002A	E29L-0	Solid/ STLC Extract	6/14/01	4758	20	0.3		2	6/29/01
051656-003A	E30C-0	Solid/ STLC Extract	6/14/01	4758	29	0.45		3	6/29/01
051656-004A	E30L-0	Solid/ STLC Extract	6/14/01	4758	22	0.3		2	6/29/01
051656-005A	E31L-0	Solid/ STLC Extract	6/14/01	4758	11	0.15		1	6/29/01
'1656-006A	E31C-0	Solid/ STLC Extract	6/14/01	4758	12	0.15		1	6/29/01
051656-008A	E32L-0	Solid/ STLC Extract	6/14/01	4758	16	0.3		2	6/29/01
051656-009A	E33L-0	Solid/ STLC Extract	6/14/01	4758	11	0.15		1	6/29/01
051656-010A	E33C-0	Solid/ STLC Extract	6/14/01	4758	51	0.6		4	6/29/01
051656-011A	E34L-0	Solid/ STLC Extract	6/14/01	4758	12	0.15		1	6/29/01
051656-012A	E34C-0	Solid/ STLC Extract	6/14/01	4758	12	0.15		1	6/29/01
051656-013A	E35L-0	Solid/ STLC Extract	6/14/01	4758	13	0.15		1	6/29/01

Qualifiers

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Initials:_____

Advanced Technology Laboratories

Print Date: *02-Jul-01*

CLIENT:	Geocon Environmental	**Test No:**	WET/ EPA 7420
Lab Order:	051656	**Units:**	mg/L
Project:	Oakland Mole - E8000-06-13	**Analyst:**	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051656-029A	MD13-0	Solid/ STLC Extract	6/14/01	4759	13	0.15		1	6/29/01
051656-030A	MD13-1	Solid/ STLC Extract	6/14/01	4759	8.2	0.15		1	6/29/01
051656-031A	MD14-0	Solid/ STLC Extract	6/14/01	4759	11	0.15		1	6/29/01
051656-032A	MD14-1	Solid/ STLC Extract	6/14/01	4759	5.5	0.15		1	6/29/01
051656-033A	MD14-2	Solid/ STLC Extract	6/14/01	4759	5.0	0.15		1	6/29/01

Qualifiers

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Initials:_____

Advanced Technology Laboratories

Print Date: *6/19/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E30C-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 9:19:00 AM
Lab ID:	051656-003A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010618C** BatchID: **4620**				PrepDate: **6/15/01**		Analyst: **RQ**
Antimony	0.50	0.25		mg/Kg	1.0	6/18/01
Arsenic	5.0	0.25		mg/Kg	1.0	6/18/01
Barium	54	0.15		mg/Kg	1.0	6/18/01
Beryllium	ND	0.15		mg/Kg	1.0	6/18/01
Cadmium	ND	0.15		mg/Kg	1.0	6/18/01
Chromium	20	0.15		mg/Kg	1.0	6/18/01
Cobalt	5.0	0.15		mg/Kg	1.0	6/18/01
Copper	80	0.15		mg/Kg	1.0	6/18/01
Lead	160	0.25		mg/Kg	1.0	6/18/01
Molybdenum	0.50	0.25		mg/Kg	1.0	6/18/01
Nickel	20	0.15		mg/Kg	1.0	6/18/01
Selenium	ND	0.25		mg/Kg	1.0	6/18/01
Silver	ND	0.15		mg/Kg	1.0	6/18/01
Thallium	0.50	0.25		mg/Kg	1.0	6/18/01
Vanadium	17	0.15		mg/Kg	1.0	6/18/01
Zinc	560	0.50		mg/Kg	1.0	6/18/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010618G** BatchID: **4626**				PrepDate: **6/17/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/18/01

Qualifiers:

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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/19/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E30L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 9:21:00 AM
Lab ID:	051656-004A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010618C** BatchID: **4620**				PrepDate: **6/15/01**		Analyst: **RQ**
Antimony	0.48	0.25		mg/Kg	1.0	6/18/01
Arsenic	4.5	0.25		mg/Kg	1.0	6/18/01
Barium	50	0.15		mg/Kg	1.0	6/18/01
Beryllium	ND	0.15		mg/Kg	1.0	6/18/01
Cadmium	ND	0.15		mg/Kg	1.0	6/18/01
Chromium	24	0.15		mg/Kg	1.0	6/18/01
Cobalt	5.0	0.15		mg/Kg	1.0	6/18/01
Copper	84	0.15		mg/Kg	1.0	6/18/01
Lead	180	0.25		mg/Kg	1.0	6/18/01
Molybdenum	3.0	0.25		mg/Kg	1.0	6/18/01
Nickel	24	0.15		mg/Kg	1.0	6/18/01
Selenium	ND	0.25		mg/Kg	1.0	6/18/01
Silver	ND	0.15		mg/Kg	1.0	6/18/01
Thallium	0.34	0.25		mg/Kg	1.0	6/18/01
Vanadium	15	0.15		mg/Kg	1.0	6/18/01
Zinc	640	0.50		mg/Kg	1.0	6/18/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010618G** BatchID: **4626**				PrepDate: **6/17/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/18/01

Qualifiers:

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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/19/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E32C-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 10:20:00 AM
Lab ID:	051656-007A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010618C** BatchID: **4620**				PrepDate: **6/15/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/18/01
Arsenic	3.5	0.25		mg/Kg	1.0	6/18/01
Barium	31	0.15		mg/Kg	1.0	6/18/01
Beryllium	ND	0.15		mg/Kg	1.0	6/18/01
Cadmium	ND	0.15		mg/Kg	1.0	6/18/01
Chromium	20	0.15		mg/Kg	1.0	6/18/01
Cobalt	4.0	0.15		mg/Kg	1.0	6/18/01
Copper	10	0.15		mg/Kg	1.0	6/18/01
Lead	39	0.25		mg/Kg	1.0	6/18/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/18/01
Nickel	24	0.15		mg/Kg	1.0	6/18/01
Selenium	ND	0.25		mg/Kg	1.0	6/18/01
Silver	ND	0.15		mg/Kg	1.0	6/18/01
Thallium	ND	0.25		mg/Kg	1.0	6/18/01
Vanadium	12	0.15		mg/Kg	1.0	6/18/01
Zinc	44	0.50		mg/Kg	1.0	6/18/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010618G** BatchID: **4626**				PrepDate: **6/17/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/18/01

Qualifiers:

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Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/19/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E32L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 10:22:00 AM
Lab ID:	051656-008A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010618C** BatchID: **4620**				PrepDate: **6/15/01**		Analyst: **RQ**
Antimony	0.36	0.25		mg/Kg	1.0	6/18/01
Arsenic	5.5	0.25		mg/Kg	1.0	6/18/01
Barium	62	0.15		mg/Kg	1.0	6/18/01
Beryllium	ND	0.15		mg/Kg	1.0	6/18/01
Cadmium	ND	0.15		mg/Kg	1.0	6/18/01
Chromium	20	0.15		mg/Kg	1.0	6/18/01
Cobalt	5.5	0.15		mg/Kg	1.0	6/18/01
Copper	130	0.15		mg/Kg	1.0	6/18/01
Lead	130	0.25		mg/Kg	1.0	6/18/01
Molybdenum	1.5	0.25		mg/Kg	1.0	6/18/01
Nickel	20	0.15		mg/Kg	1.0	6/18/01
Selenium	ND	0.25		mg/Kg	1.0	6/18/01
Silver	ND	0.15		mg/Kg	1.0	6/18/01
Thallium	0.49	0.25		mg/Kg	1.0	6/18/01
Vanadium	17	0.15		mg/Kg	1.0	6/18/01
Zinc	590	0.50		mg/Kg	1.0	6/18/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010618G** BatchID: **4626**				PrepDate: **6/17/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/18/01

Qualifiers:

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J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/19/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E34L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 10:50:00 AM
Lab ID:	051656-011A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010618C** BatchID: **4620**				PrepDate: **6/15/01**		Analyst: **RQ**
Antimony	0.34	0.25		mg/Kg	1.0	6/18/01
Arsenic	7.0	0.25		mg/Kg	1.0	6/18/01
Barium	47	0.15		mg/Kg	1.0	6/18/01
Beryllium	ND	0.15		mg/Kg	1.0	6/18/01
Cadmium	ND	0.15		mg/Kg	1.0	6/18/01
Chromium	20	0.15		mg/Kg	1.0	6/18/01
Cobalt	4.5	0.15		mg/Kg	1.0	6/18/01
Copper	21	0.15		mg/Kg	1.0	6/18/01
Lead	100	0.25		mg/Kg	1.0	6/18/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/18/01
Nickel	21	0.15		mg/Kg	1.0	6/18/01
Selenium	ND	0.25		mg/Kg	1.0	6/18/01
Silver	ND	0.15		mg/Kg	1.0	6/18/01
Thallium	0.50	0.25		mg/Kg	1.0	6/18/01
Vanadium	16	0.15		mg/Kg	1.0	6/18/01
Zinc	93	0.50		mg/Kg	1.0	6/18/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010618G** BatchID: **4626**				PrepDate: **6/17/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/18/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/19/01*

CLIENT: Geocon Environmental
Lab Order: 051656
Project: Oakland Mole - E8000-06-13
Lab ID: 051656-012A

Client Sample ID: E34C-0
Collection Date: 6/14/01 10:52:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010618C** BatchID: **4620**				PrepDate: **6/15/01**		Analyst: **RQ**
Antimony	0.31	0.25		mg/Kg	1.0	6/18/01
Arsenic	3.5	0.25		mg/Kg	1.0	6/18/01
Barium	44	0.15		mg/Kg	1.0	6/18/01
Beryllium	ND	0.15		mg/Kg	1.0	6/18/01
Cadmium	ND	0.15		mg/Kg	1.0	6/18/01
Chromium	18	0.15		mg/Kg	1.0	6/18/01
Cobalt	4.0	0.15		mg/Kg	1.0	6/18/01
Copper	18	0.15		mg/Kg	1.0	6/18/01
Lead	170	0.25		mg/Kg	1.0	6/18/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/18/01
Nickel	20	0.15		mg/Kg	1.0	6/18/01
Selenium	ND	0.25		mg/Kg	1.0	6/18/01
Silver	3.5	0.15		mg/Kg	1.0	6/18/01
Thallium	0.32	0.25		mg/Kg	1.0	6/18/01
Vanadium	12	0.15		mg/Kg	1.0	6/18/01
Zinc	96	0.50		mg/Kg	1.0	6/18/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010618G** BatchID: **4626**				PrepDate: **6/17/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/18/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/19/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E36L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:00:00 AM
Lab ID:	051656-015A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010618C** BatchID: **4620**				PrepDate: **6/15/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/18/01
Arsenic	3.0	0.25		mg/Kg	1.0	6/18/01
Barium	53	0.15		mg/Kg	1.0	6/18/01
Beryllium	ND	0.15		mg/Kg	1.0	6/18/01
Cadmium	ND	0.15		mg/Kg	1.0	6/18/01
Chromium	12	0.15		mg/Kg	1.0	6/18/01
Cobalt	2.5	0.15		mg/Kg	1.0	6/18/01
Copper	20	0.15		mg/Kg	1.0	6/18/01
Lead	67	0.25		mg/Kg	1.0	6/18/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/18/01
Nickel	15	0.15		mg/Kg	1.0	6/18/01
Selenium	ND	0.25		mg/Kg	1.0	6/18/01
Silver	ND	0.15		mg/Kg	1.0	6/18/01
Thallium	ND	0.25		mg/Kg	1.0	6/18/01
Vanadium	10	0.15		mg/Kg	1.0	6/18/01
Zinc	64	0.50		mg/Kg	1.0	6/18/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010618G** BatchID: **4626**				PrepDate: **6/17/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/18/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/19/01*

CLIENT: Geocon Environmental
Client Sample ID: E36C-0
Lab Order: 051656
Project: Oakland Mole - E8000-06-13
Collection Date: 6/14/01 11:02:00 AM
Lab ID: 051656-016A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010618C** BatchID: **4620**				PrepDate: **6/15/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/18/01
Arsenic	3.5	0.25		mg/Kg	1.0	6/18/01
Barium	52	0.15		mg/Kg	1.0	6/18/01
Beryllium	ND	0.15		mg/Kg	1.0	6/18/01
Cadmium	ND	0.15		mg/Kg	1.0	6/18/01
Chromium	19	0.15		mg/Kg	1.0	6/18/01
Cobalt	4.0	0.15		mg/Kg	1.0	6/18/01
Copper	20	0.15		mg/Kg	1.0	6/18/01
Lead	74	0.25		mg/Kg	1.0	6/18/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/18/01
Nickel	20	0.15		mg/Kg	1.0	6/18/01
Selenium	ND	0.25		mg/Kg	1.0	6/18/01
Silver	ND	0.15		mg/Kg	1.0	6/18/01
Thallium	0.37	0.25		mg/Kg	1.0	6/18/01
Vanadium	14	0.15		mg/Kg	1.0	6/18/01
Zinc	72	0.50		mg/Kg	1.0	6/18/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010618G** BatchID: **4626**				PrepDate: **6/17/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/18/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/19/01*

CLIENT: Geocon Environmental
Client Sample ID: E38L-0
Lab Order: 051656
Project: Oakland Mole - E8000-06-13
Collection Date: 6/14/01 11:10:00 AM
Lab ID: 051656-019A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010618C** BatchID: **4620**				PrepDate: **6/15/01**		Analyst: **RQ**
Antimony	1.0	0.25		mg/Kg	1.0	6/18/01
Arsenic	5.0	0.25		mg/Kg	1.0	6/18/01
Barium	200	0.15		mg/Kg	1.0	6/18/01
Beryllium	ND	0.15		mg/Kg	1.0	6/18/01
Cadmium	ND	0.15		mg/Kg	1.0	6/18/01
Chromium	24	0.15		mg/Kg	1.0	6/18/01
Cobalt	3.5	0.15		mg/Kg	1.0	6/18/01
Copper	80	0.15		mg/Kg	1.0	6/18/01
Lead	120	0.25		mg/Kg	1.0	6/18/01
Molybdenum	2.5	0.25		mg/Kg	1.0	6/18/01
Nickel	20	0.15		mg/Kg	1.0	6/18/01
Selenium	ND	0.25		mg/Kg	1.0	6/18/01
Silver	ND	0.15		mg/Kg	1.0	6/18/01
Thallium	0.50	0.25		mg/Kg	1.0	6/18/01
Vanadium	16	0.15		mg/Kg	1.0	6/18/01
Zinc	320	0.50		mg/Kg	1.0	6/18/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010618G** BatchID: **4626**				PrepDate: **6/17/01**		Analyst: **NS**
Mercury	0.11	0.10		mg/Kg	1.0	6/18/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/19/01*

CLIENT: Geocon Environmental
Client Sample ID: E38C-0
Lab Order: 051656
Project: Oakland Mole - E8000-06-13
Collection Date: 6/14/01 11:12:00 AM
Lab ID: 051656-020A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010618C** BatchID: **4620**				PrepDate: **6/15/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/18/01
Arsenic	3.5	0.25		mg/Kg	1.0	6/18/01
Barium	34	0.15		mg/Kg	1.0	6/18/01
Beryllium	ND	0.15		mg/Kg	1.0	6/18/01
Cadmium	ND	0.15		mg/Kg	1.0	6/18/01
Chromium	18	0.15		mg/Kg	1.0	6/18/01
Cobalt	3.5	0.15		mg/Kg	1.0	6/18/01
Copper	22	0.15		mg/Kg	1.0	6/18/01
Lead	66	0.25		mg/Kg	1.0	6/18/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/18/01
Nickel	18	0.15		mg/Kg	1.0	6/18/01
Selenium	ND	0.25		mg/Kg	1.0	6/18/01
Silver	ND	0.15		mg/Kg	1.0	6/18/01
Thallium	ND	0.25		mg/Kg	1.0	6/18/01
Vanadium	12	0.15		mg/Kg	1.0	6/18/01
Zinc	40	0.50		mg/Kg	1.0	6/18/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010618G** BatchID: **4626**				PrepDate: **6/17/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/18/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Print Date: *6/19/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD11-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:45:00 AM
Lab ID:	051656-025A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010618D** BatchID: **4621**				PrepDate: **6/15/01**		Analyst: **RQ**
Antimony	0.50	0.25		mg/Kg	1.0	6/18/01
Arsenic	6.0	0.25		mg/Kg	1.0	6/18/01
Barium	57	0.15		mg/Kg	1.0	6/18/01
Beryllium	ND	0.15		mg/Kg	1.0	6/18/01
Cadmium	ND	0.15		mg/Kg	1.0	6/18/01
Chromium	22	0.15		mg/Kg	1.0	6/18/01
Cobalt	4.5	0.15		mg/Kg	1.0	6/18/01
Copper	25	0.15		mg/Kg	1.0	6/18/01
Lead	200	0.25		mg/Kg	1.0	6/18/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/18/01
Nickel	24	0.15		mg/Kg	1.0	6/18/01
Selenium	ND	0.25		mg/Kg	1.0	6/18/01
Silver	ND	0.15		mg/Kg	1.0	6/18/01
Thallium	0.47	0.25		mg/Kg	1.0	6/18/01
Vanadium	17	0.15		mg/Kg	1.0	6/18/01
Zinc	90	0.50		mg/Kg	1.0	6/18/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010618H** BatchID: **4627**				PrepDate: **6/17/01**		Analyst: **NS**
Mercury	0.27	0.10		mg/Kg	1.0	6/18/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: (P

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Advanced Technology Laboratories

Print Date: *6/19/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD11-0.3
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:50:00 AM
Lab ID:	051656-026A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010618D** BatchID: **4621**				PrepDate: **6/15/01**		Analyst: **RQ**
Antimony	0.35	0.25		mg/Kg	1.0	6/18/01
Arsenic	7.0	0.25		mg/Kg	1.0	6/18/01
Barium	54	0.15		mg/Kg	1.0	6/18/01
Beryllium	ND	0.15		mg/Kg	1.0	6/18/01
Cadmium	ND	0.15		mg/Kg	1.0	6/18/01
Chromium	21	0.15		mg/Kg	1.0	6/18/01
Cobalt	5.0	0.15		mg/Kg	1.0	6/18/01
Copper	25	0.15		mg/Kg	1.0	6/18/01
Lead	180	0.25		mg/Kg	1.0	6/18/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/18/01
Nickel	24	0.15		mg/Kg	1.0	6/18/01
Selenium	ND	0.25		mg/Kg	1.0	6/18/01
Silver	ND	0.15		mg/Kg	1.0	6/18/01
Thallium	0.50	0.25		mg/Kg	1.0	6/18/01
Vanadium	20	0.15		mg/Kg	1.0	6/18/01
Zinc	82	0.50		mg/Kg	1.0	6/18/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010618H** BatchID: **4627**				PrepDate: **6/17/01**		Analyst: **NS**
Mercury	0.17	0.10		mg/Kg	1.0	6/18/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/19/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD13-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 1:50:00 PM
Lab ID:	051656-029A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010618D** BatchID: **4621**				PrepDate: **6/15/01**		Analyst: **RQ**
Antimony	0.50	0.25		mg/Kg	1.0	6/18/01
Arsenic	9.5	0.25		mg/Kg	1.0	6/18/01
Barium	86	0.15		mg/Kg	1.0	6/18/01
Beryllium	ND	0.15		mg/Kg	1.0	6/18/01
Cadmium	ND	0.15		mg/Kg	1.0	6/18/01
Chromium	46	0.15		mg/Kg	1.0	6/18/01
Cobalt	12	0.15		mg/Kg	1.0	6/18/01
Copper	46	0.15		mg/Kg	1.0	6/18/01
Lead	130	0.25		mg/Kg	1.0	6/18/01
Molybdenum	0.50	0.25		mg/Kg	1.0	6/18/01
Nickel	48	0.15		mg/Kg	1.0	6/18/01
Selenium	ND	0.25		mg/Kg	1.0	6/18/01
Silver	ND	0.15		mg/Kg	1.0	6/18/01
Thallium	0.50	0.25		mg/Kg	1.0	6/18/01
Vanadium	25	0.15		mg/Kg	1.0	6/18/01
Zinc	110	0.50		mg/Kg	1.0	6/18/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010618H** BatchID: **4627**				PrepDate: **6/17/01**		Analyst: **NS**
Mercury	0.15	0.10		mg/Kg	1.0	6/18/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/19/01*

CLIENT: Geocon Environmental
Client Sample ID: MD13-1
Lab Order: 051656
Project: Oakland Mole - E8000-06-13
Collection Date: 6/14/01 1:50:00 PM
Lab ID: 051656-030A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010618D** BatchID: **4621**				PrepDate: **6/15/01**		Analyst: **RQ**
Antimony	0.36	0.25		mg/Kg	1.0	6/18/01
Arsenic	6.5	0.25		mg/Kg	1.0	6/18/01
Barium	42	0.15		mg/Kg	1.0	6/18/01
Beryllium	ND	0.15		mg/Kg	1.0	6/18/01
Cadmium	ND	0.15		mg/Kg	1.0	6/18/01
Chromium	26	0.15		mg/Kg	1.0	6/18/01
Cobalt	5.0	0.15		mg/Kg	1.0	6/18/01
Copper	21	0.15		mg/Kg	1.0	6/18/01
Lead	84	0.25		mg/Kg	1.0	6/18/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/18/01
Nickel	27	0.15		mg/Kg	1.0	6/18/01
Selenium	ND	0.25		mg/Kg	1.0	6/18/01
Silver	ND	0.15		mg/Kg	1.0	6/18/01
Thallium	0.34	0.25		mg/Kg	1.0	6/18/01
Vanadium	19	0.15		mg/Kg	1.0	6/18/01
Zinc	60	0.50		mg/Kg	1.0	6/18/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010618H** BatchID: **4627**				PrepDate: **6/17/01**		Analyst: **NS**
Mercury	0.29	0.10		mg/Kg	1.0	6/18/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *19-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4620** Batch ID: **4620** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

MBLK SeqNo: **149325**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: (B)

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4621** Batch ID: **4621** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
MBLK SeqNo: **149345**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

Sample ID **MB-4619A** Batch ID: **4619** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
MBLK SeqNo: **149284**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0		0				0			J

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4619B** Batch ID: **4619** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
MBLK SeqNo: **149285**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0		0				0			J

Sample ID **MB-4626** Batch ID: **4626** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/17/01**
MBLK SeqNo: **149724**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10		0				0			

Sample ID **MB-4627** Batch ID: **4627** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/17/01**
MBLK SeqNo: **149733**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [signature]

All calculations are based on raw values.

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Advanced Technology Laboratories

Date: *19-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051656-020ADU** Batch ID: **4620** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

DUP SeqNo: **149338**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.05	0.25	0	0	0	0	0	0.1	67	30	JR
Arsenic	3.5	0.25	0	0	0	0	0	3.5	0	30	
Barium	34	0.15	0	0	0	0	0	34	0	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	20	0.15	0	0	0	0	0	18	13	30	
Cobalt	4	0.15	0	0	0	0	0	3.5	13	30	
Copper	9.5	0.15	0	0	0	0	0	22	81	30	R
Lead	70	0.25	0	0	0	0	0	66	6	30	
Molybdenum	ND	0.25	0	0	0	0	0	0	0	30	
Nickel	21	0.15	0	0	0	0	0	18	13	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	ND	0.15	0	0	0	0	0	0	0	30	
Thallium	0.36	0.25	0	0	0	0	0	0.23	42	30	R
Vanadium	13	0.15	0	0	0	0	0	12	8	30	
Zinc	42	0.50	0	0	0	0	0	40	6	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051656-030ADU** Batch ID: **4621** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
DUP SeqNo: **149351**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.3	0.25	0	0	0	0	0	0.36	17	30	
Arsenic	6.5	0.25	0	0	0	0	0	6.5	0	30	
Barium	54	0.15	0	0	0	0	0	42	25	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	28	0.15	0	0	0	0	0	26	9	30	
Cobalt	5.5	0.15	0	0	0	0	0	5	10	30	
Copper	22	0.15	0	0	0	0	0	21	5	30	
Lead	72	0.25	0	0	0	0	0	84	16	30	
Molybdenum	0.002	0.25	0	0	0	0	0	0.013	147	30	JR
Nickel	29	0.15	0	0	0	0	0	27	7	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	ND	0.15	0	0	0	0	0	0	0	30	
Thallium	0.5	0.25	0	0	0	0	0	0.34	38	30	R
Vanadium	20	0.15	0	0	0	0	0	19	5	30	
Zinc	64	0.50	0	0	0	0	0	60	6	30	

Sample ID **051656-018A** Batch ID: **4619** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
DUP SeqNo: **149268**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	62	5.0	0	0	0	0	0	68	10	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051656-033A** Batch ID: **4619** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
DUP SeqNo: **149281**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	0.2	5.0	0	130	0	0	0	130	199	30	JR

Sample ID **051656-020ADU** Batch ID: **4626** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/17/01**
DUP SeqNo: **149719**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.03	0.10	0	0	0	0	0	0.035	9	30	J

Sample ID **051656-030ADU** Batch ID: **4627** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/17/01**
DUP SeqNo: **149728**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.28	0.10	0	0	0	0	0	0.29	4	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

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Advanced Technology Laboratories

Date: *19-Jun-01*

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Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051656-020AMS** Batch ID: **4620** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

MS SeqNo: **149339**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100	0.25	125	0.1	81	32	115	0			
Arsenic	110	0.25	125	3.5	88	59	111	0			
Barium	150	0.15	125	34	90	34	151	0			
Beryllium	110	0.15	125	0	88	56	112	0			
Cadmium	100	0.15	125	0	84	52	120	0			
Chromium	130	0.15	125	18	91	56	118	0			
Cobalt	110	0.15	125	3.5	86	58	117	0			
Copper	130	0.15	125	22	86	58	134	0			
Lead	180	0.25	125	66	88	47	128	0			
Molybdenum	110	0.25	125	0	89	56	115	0			
Nickel	130	0.15	125	18	89	52	120	0			
Selenium	110	0.25	125	0	90	46	108	0			
Silver	93	0.15	125	0	74	74	117	0			
Thallium	110	0.25	125	0.23	85	62	117	0			
Vanadium	130	0.15	125	12	92	55	122	0			
Zinc	160	0.50	125	40	93	43	134	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051656-020AMS** Batch ID: **4620** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

MSD SeqNo: **149340**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	100	0.25	125	0.1	81	32	115	100	1	20	
Arsenic	120	0.25	125	3.5	89	59	111	110	5	20	
Barium	160	0.15	125	34	100	34	151	150	9	20	
Beryllium	110	0.15	125	0	88	56	112	110	0	20	
Cadmium	100	0.15	125	0	84	52	120	100	5	20	
Chromium	130	0.15	125	18	93	56	118	130	1	20	
Cobalt	110	0.15	125	3.5	86	58	117	110	1	20	
Copper	130	0.15	125	22	89	58	134	130	0	20	
Lead	180	0.25	125	66	93	47	128	180	3	20	
Molybdenum	110	0.25	125	0	90	56	115	110	1	20	
Nickel	130	0.15	125	18	92	52	120	130	1	20	
Selenium	110	0.25	125	0	89	46	108	110	2	20	
Silver	93	0.15	125	0	74	74	117	93	0	20	
Thallium	110	0.25	125	0.23	85	62	117	110	3	20	
Vanadium	130	0.15	125	12	91	55	122	130	2	20	
Zinc	170	0.50	125	40	105	43	134	160	8	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051656-030AMS** Batch ID: **4621** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

MS SeqNo: **149352**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	85	0.25	125	0.36	68	32	115	0			
Arsenic	120	0.25	125	6.5	89	59	111	0			
Barium	170	0.15	125	42	104	34	151	0			
Beryllium	110	0.15	125	0	86	56	112	0			
Cadmium	100	0.15	125	0	81	52	120	0			
Chromium	140	0.15	125	26	91	56	118	0			
Cobalt	110	0.15	125	5	85	58	117	0			
Copper	140	0.15	125	21	98	58	134	0			
Lead	180	0.25	125	84	75	47	128	0			
Molybdenum	110	0.25	125	0.013	86	56	115	0			
Nickel	140	0.15	125	27	89	52	120	0			
Selenium	110	0.25	125	0	88	46	108	0			
Silver	92	0.15	125	0	74	74	117	0			
Thallium	100	0.25	125	0.34	84	62	117	0			
Vanadium	140	0.15	125	19	93	55	122	0			
Zinc	180	0.50	125	60	98	43	134	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051656-030AMS** Batch ID: **4621** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
SeqNo: **149353**
MSD

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	84	0.25	125	0.36	67	32	115	85	1	20	
Arsenic	120	0.25	125	6.5	87	59	111	120	2	20	
Barium	170	0.15	125	42	99	34	151	170	1	20	
Beryllium	110	0.15	125	0	84	56	112	110	2	20	
Cadmium	99	0.15	125	0	79	52	120	100	2	20	
Chromium	140	0.15	125	26	88	56	118	140	0	20	
Cobalt	110	0.15	125	5	84	58	117	110	1	20	
Copper	140	0.15	125	21	98	58	134	140	3	20	
Lead	170	0.25	125	84	69	47	128	180	4	20	
Molybdenum	110	0.25	125	0.013	84	56	115	110	2	20	
Nickel	140	0.15	125	27	87	52	120	140	1	20	
Selenium	110	0.25	125	0	86	46	108	110	0	20	
Silver	94	0.15	125	0	76	74	117	92	2	20	
Thallium	100	0.25	125	0.34	82	62	117	100	5	20	
Vanadium	140	0.15	125	19	94	55	122	140	3	20	
Zinc	180	0.50	125	60	95	43	134	180	2	20	

Sample ID **051656-018A** Batch ID: **4619** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
SeqNo: **149269**
MS

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	240	5.0	250	68	70	47	128	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

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Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051656-033A** Batch ID: **4619** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
MS SeqNo: **149280**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	240	5.0	250	130	44	47	128	0			S

Sample ID **051656-020AMS** Batch ID: **4626** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/17/01**
MS SeqNo: **149720**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.83	0.10	0.83	0.035	95	62	146	0			

Sample ID **051656-020AMS** Batch ID: **4626** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/17/01**
MSD SeqNo: **149721**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.84	0.10	0.83	0.035	97	62	146	0.83	2	33	

Sample ID **051656-030AMS** Batch ID: **4627** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/17/01**
MS SeqNo: **149729**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.2	0.10	0.83	0.29	112	62	146	0			

Sample ID **051656-030AMS** Batch ID: **4627** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/17/01**
MSD SeqNo: **149730**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.2	0.10	0.83	0.29	110	62	146	1.2	2	33	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

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Advanced Technology Laboratories

Date: *19-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4620** Batch ID: **4620** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

LCS SeqNo: **149326**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	54	0.25	50	0	107	80	120	0			
Arsenic	50	0.25	50	0.084	101	80	120	0			
Barium	50	0.15	50	0	99	80	120	0			
Beryllium	49	0.15	50	0	98	80	120	0			
Cadmium	48	0.15	50	0	96	80	120	0			
Chromium	48	0.15	50	0	96	80	120	0			
Cobalt	48	0.15	50	0	96	80	120	0			
Copper	49	0.15	50	0	98	80	120	0			
Lead	46	0.25	50	0	93	80	120	0			
Molybdenum	50	0.25	50	0	99	80	120	0			
Nickel	47	0.15	50	0	94	80	120	0			
Selenium	50	0.25	50	0	100	80	120	0			
Silver	42	0.15	50	0	85	80	120	0			
Thallium	48	0.25	50	0	95	80	120	0			
Vanadium	49	0.15	50	0	98	80	120	0			
Zinc	48	0.50	50	0	96	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4621** Batch ID: **4621** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
LCS SeqNo: **149346**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	54	0.25	50	0	109	80	120	0			
Arsenic	51	0.25	50	0.029	102	80	120	0			
Barium	50	0.15	50	0	100	80	120	0			
Beryllium	50	0.15	50	0	100	80	120	0			
Cadmium	49	0.15	50	0	98	80	120	0			
Chromium	49	0.15	50	0	98	80	120	0			
Cobalt	49	0.15	50	0	98	80	120	0			
Copper	50	0.15	50	0	100	80	120	0			
Lead	48	0.25	50	0	95	80	120	0			
Molybdenum	50	0.25	50	0	101	80	120	0			
Nickel	48	0.15	50	0	96	80	120	0			
Selenium	50	0.25	50	0	101	80	120	0			
Silver	43	0.15	50	0	86	80	120	0			
Thallium	48	0.25	50	0.04	97	80	120	0			
Vanadium	50	0.15	50	0	100	80	120	0			
Zinc	49	0.50	50	0	98	80	120	0			

Sample ID **LCS-4619** Batch ID: **4619** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
LCS SeqNo: **149283**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	240	5.0	250	0.16	96	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4626** Batch ID: **4626** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/17/01**

LCS SeqNo: **149723**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.9	0.10	2.08	0	92	80	120	0			

Sample ID **LCS-4627** Batch ID: **4627** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/17/01**

LCS SeqNo: **149732**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2.3	0.10	2.08	0	113	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

June 27, 2001

Mark Hasting
Geocon Environmental
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5900
FAX (925) 371-5915

ELAP No: 1838

RE: Oakland Mole - E8000-06-13

Work Order No.: 051656

Attention: Mark Hasting

Enclosed are the results for sample(s) received on June 15, 2001 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Edgar Caballero
Laboratory Director

This cover letter and a case narrative are an integral part of this analytical report.

CLIENT: Geocon Environmental
Project: Oakland Mole - E8000-06-13
Lab Order: 051656

CASE NARRATIVE

Samples for PAH's were subcontracted to AETL with DOHS Cert. #1541.

Samples 051656-004A, 051656-007A, 051656-008A, 051656-011A, 051656-015A, 051656-016A, 051656-019A, 051656-025A, 051656-026A, 051656-029A and 051656-030A contain hydrocarbons heavier than Diesel. Quantitation is based on a Diesel standard.

Samples 051656-004A, 051656-007A, 051656-008A, 051656-011A, 051656-015A, 051656-016A, 051656-019A, 051656-025A, 051656-026A, 051656-029A and 051656-030A contain hydrocarbons within the Motor Oil range. Quantitation is based on a Motor Oil standard.

Samples 051656-019A, 051656-025A, 051656-026A, 051656-029A and 051656-030A were diluted for Method 8081/8082, due to matrix interference.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E30L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 9:21:00 AM
Lab ID:	051656-004A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010621A** BatchID: **4673**				PrepDate: **6/21/01**		Analyst: **IG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/21/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/21/01
4,4'-DDT	ND	4.0		µg/Kg	1.0	6/21/01
Aldrin	ND	2.0		µg/Kg	1.0	6/21/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/21/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/21/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/21/01
Chlordane	ND	17		µg/Kg	1.0	6/21/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/21/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/21/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/21/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/21/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/21/01
Endrin	ND	4.0		µg/Kg	1.0	6/21/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/21/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/21/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/21/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/21/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/21/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/21/01
Methoxychlor	ND	17		µg/Kg	1.0	6/21/01
Toxaphene	ND	170		µg/Kg	1.0	6/21/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010621A** BatchID: **4673**				PrepDate: **6/21/01**		Analyst: **IG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/21/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/21/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/21/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/21/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/21/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/21/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/21/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/21/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/21/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E30L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 9:21:00 AM
Lab ID:	051656-004A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615B** BatchID: **P01VOCS095** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:

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B - Analyte detected in the associated Method Blank

DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.

H - Samples exceeding analytical holding time

E - Value above quantitation range

M - Not Monitored. Highly Reactive

Initials: (MP)

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E30L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 9:21:00 AM
Lab ID:	051656-004A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010615B** BatchID: **P01VOCS095**				PrepDate:		Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:

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J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E30L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 9:21:00 AM
Lab ID:	051656-004A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010621B** BatchID: **4661**				PrepDate: **6/20/01**		Analyst: **AP**
Diesel	130	10		mg/Kg	10	6/21/01
Motor Oil	380	10		mg/Kg	10	6/21/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC1_010619A** BatchID: **D018G20S068**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/19/01

Qualifiers:

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DO - Surrogate Diluted Out
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H - Samples exceeding analytical holding time
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M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E32C-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 10:20:00 AM
Lab ID:	051656-007A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010621A** BatchID: **4673**				PrepDate: **6/21/01**		Analyst: **IG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/21/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/21/01
4,4'-DDT	ND	4.0		µg/Kg	1.0	6/21/01
Aldrin	ND	2.0		µg/Kg	1.0	6/21/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/21/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/21/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/21/01
Chlordane	ND	17		µg/Kg	1.0	6/21/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/21/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/21/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/21/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/21/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/21/01
Endrin	ND	4.0		µg/Kg	1.0	6/21/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/21/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/21/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/21/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/21/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/21/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/21/01
Methoxychlor	ND	17		µg/Kg	1.0	6/21/01
Toxaphene	ND	170		µg/Kg	1.0	6/21/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010621A** BatchID: **4673**				PrepDate: **6/21/01**		Analyst: **IG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/21/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/21/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/21/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/21/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/21/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/21/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/21/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/21/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/21/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: E32C-0
Lab Order: 051656
Project: Oakland Mole - E8000-06-13
Collection Date: 6/14/01 10:20:00 AM
Lab ID: 051656-007A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010615B** BatchID: **P01VOCS095**			PrepDate:			Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E32C-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 10:20:00 AM
Lab ID:	051656-007A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010615B** BatchID: **P01VOCS095**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E32C-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 10:20:00 AM
Lab ID:	051656-007A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010621B** BatchID: **4661**				PrepDate: **6/20/01**		Analyst: **AP**
Diesel	14	1.0		mg/Kg	1.0	6/21/01
Motor Oil	35	1.0		mg/Kg	1.0	6/21/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010618C** BatchID: **E018G20S133**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/19/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E32L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 10:22:00 AM
Lab ID:	051656-008A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010621A** BatchID: **4673**				PrepDate: **6/21/01**		Analyst: **IG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/22/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/22/01
4,4'-DDT	4.1	4.0		µg/Kg	1.0	6/22/01
Aldrin	ND	2.0		µg/Kg	1.0	6/22/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/22/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/22/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/22/01
Chlordane	ND	17		µg/Kg	1.0	6/22/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/22/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/22/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/22/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/22/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/22/01
Endrin	ND	4.0		µg/Kg	1.0	6/22/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/22/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/22/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/22/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/22/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/22/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/22/01
Methoxychlor	ND	17		µg/Kg	1.0	6/22/01
Toxaphene	ND	170		µg/Kg	1.0	6/22/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010621A** BatchID: **4673**				PrepDate: **6/21/01**		Analyst: **IG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/22/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/22/01

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories 3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E32L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 10:22:00 AM
Lab ID:	051656-008A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010615B** BatchID: **P01VOCS095**			PrepDate:			Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/16/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/16/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/16/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/16/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/16/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/16/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/16/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/16/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/16/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/16/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/16/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/16/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/16/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/16/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/16/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/16/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/16/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/16/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/16/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/16/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/16/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/16/01
Benzene	ND	5.0		µg/Kg	1.0	6/16/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/16/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/16/01
Bromoform	ND	5.0		µg/Kg	1.0	6/16/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/16/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/16/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/16/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/16/01
Chloroform	ND	5.0		µg/Kg	1.0	6/16/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/16/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/16/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/16/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/16/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/16/01

Qualifiers:

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E32L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 10:22:00 AM
Lab ID:	051656-008A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010615B** BatchID: **P01VOCS095**				PrepDate:		Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/16/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/16/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/16/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/16/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/16/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/16/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
Styrene	ND	5.0		µg/Kg	1.0	6/16/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/16/01
Toluene	ND	5.0		µg/Kg	1.0	6/16/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/16/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/16/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/16/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/16/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
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Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E32L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 10:22:00 AM
Lab ID:	051656-008A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010621B** BatchID: **4661**				PrepDate: **6/20/01**		Analyst: **AP**
Diesel	47	5.0		mg/Kg	5.0	6/21/01
Motor Oil	150	5.0		mg/Kg	5.0	6/21/01
GASOLINE RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC2_010618C** BatchID: **E018G20S133**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/19/01

Qualifiers:

ND - Not Detected at the Reporting Limit
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DO - Surrogate Diluted Out
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E34L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 10:50:00 AM
Lab ID:	051656-011A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010621A** BatchID: **4673**				PrepDate: **6/21/01**		Analyst: **IG**
4,4'-DDD	6.1	4.0		µg/Kg	1.0	6/22/01
4,4'-DDE	5.7	4.0		µg/Kg	1.0	6/22/01
4,4'-DDT	33	4.0		µg/Kg	1.0	6/22/01
Aldrin	ND	2.0		µg/Kg	1.0	6/22/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/22/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/22/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/22/01
Chlordane	ND	17		µg/Kg	1.0	6/22/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/22/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/22/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/22/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/22/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/22/01
Endrin	ND	4.0		µg/Kg	1.0	6/22/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/22/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/22/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/22/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/22/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/22/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/22/01
Methoxychlor	ND	17		µg/Kg	1.0	6/22/01
Toxaphene	ND	170		µg/Kg	1.0	6/22/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010621A** BatchID: **4673**				PrepDate: **6/21/01**		Analyst: **IG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/22/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1254	270	33		µg/Kg	1.0	6/22/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/22/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Lab Order: 051656
Project: Oakland Mole - E8000-06-13
Lab ID: 051656-011A

Client Sample ID: E34L-0
Collection Date: 6/14/01 10:50:00 AM
Matrix: Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615B** BatchID: **P01VOCS095** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/16/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/16/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/16/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/16/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/16/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/16/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/16/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/16/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/16/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/16/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/16/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/16/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/16/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/16/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/16/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/16/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/16/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/16/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/16/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/16/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/16/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/16/01
Benzene	ND	5.0		µg/Kg	1.0	6/16/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/16/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/16/01
Bromoform	ND	5.0		µg/Kg	1.0	6/16/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/16/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/16/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/16/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/16/01
Chloroform	ND	5.0		µg/Kg	1.0	6/16/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/16/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/16/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/16/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/16/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/16/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E34L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 10:50:00 AM
Lab ID:	051656-011A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010615B** BatchID: **P01VOCS095** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/16/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/16/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/16/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/16/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/16/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/16/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
Styrene	ND	5.0		µg/Kg	1.0	6/16/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/16/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/16/01
Toluene	ND	5.0		µg/Kg	1.0	6/16/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/16/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/16/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/16/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/16/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
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H - Samples exceeding analytical holding time
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Initials:

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3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E34L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 10:50:00 AM
Lab ID:	051656-011A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010621B** BatchID: **4661**				PrepDate: **6/20/01**		Analyst: **AP**
Diesel	200	10		mg/Kg	10	6/21/01
Motor Oil	390	10		mg/Kg	10	6/21/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010618C** BatchID: **E018G20S133**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/19/01

Qualifiers:

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DO - Surrogate Diluted Out
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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E36L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:00:00 AM
Lab ID:	051656-015A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010621A** BatchID: **4673**				PrepDate: **6/21/01**		Analyst: **IG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/22/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/22/01
4,4'-DDT	4.8	4.0		µg/Kg	1.0	6/22/01
Aldrin	ND	2.0		µg/Kg	1.0	6/22/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/22/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/22/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/22/01
Chlordane	ND	17		µg/Kg	1.0	6/22/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/22/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/22/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/22/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/22/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/22/01
Endrin	ND	4.0		µg/Kg	1.0	6/22/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/22/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/22/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/22/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/22/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/22/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/22/01
Methoxychlor	ND	17		µg/Kg	1.0	6/22/01
Toxaphene	ND	170		µg/Kg	1.0	6/22/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC10_010621A** BatchID: **4673**				PrepDate: **6/21/01**		Analyst: **IG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/22/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/22/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/22/01

Qualifiers:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: E36L-0
Lab Order: 051656
Project: Oakland Mole - E8000-06-13
Collection Date: 6/14/01 11:00:00 AM
Lab ID: 051656-015A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010618A** BatchID: **P01VOCS096**			PrepDate:			Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/18/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/18/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/18/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/18/01
Benzene	ND	5.0		µg/Kg	1.0	6/18/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/18/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/18/01
Bromoform	ND	5.0		µg/Kg	1.0	6/18/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/18/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/18/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/18/01
Chloroform	ND	5.0		µg/Kg	1.0	6/18/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/18/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/18/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/18/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/18/01

Qualifiers:
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Initials:

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E36L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:00:00 AM
Lab ID:	051656-015A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010618A** BatchID: **P01VOCS096**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/18/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/18/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/18/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/18/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/18/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/18/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Styrene	ND	5.0		µg/Kg	1.0	6/18/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Toluene	ND	5.0		µg/Kg	1.0	6/18/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/18/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/18/01

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E36L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:00:00 AM
Lab ID:	051656-015A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010621B** BatchID: **4661**				PrepDate: **6/20/01**		Analyst: **AP**
Diesel	69	5.0		mg/Kg	5.0	6/21/01
Motor Oil	170	5.0		mg/Kg	5.0	6/21/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC1_010619A** BatchID: **D018G20S068**				PrepDate:		Analyst: **JK**
GRO	1.3	1.0		mg/Kg	1.0	6/19/01

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E36C-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:02:00 AM
Lab ID:	051656-016A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010624A** BatchID: **4686**				PrepDate: **6/21/01**		Analyst: **GG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/25/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/25/01
4,4'-DDT	7.3	4.0		µg/Kg	1.0	6/25/01
Aldrin	ND	2.0		µg/Kg	1.0	6/25/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/25/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/25/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/25/01
Chlordane	ND	17		µg/Kg	1.0	6/25/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/25/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/25/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/25/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/25/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/25/01
Endrin	ND	4.0		µg/Kg	1.0	6/25/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/25/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/25/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/25/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/25/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/25/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/25/01
Methoxychlor	ND	17		µg/Kg	1.0	6/25/01
Toxaphene	ND	170		µg/Kg	1.0	6/25/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010624A** BatchID: **4686**				PrepDate: **6/21/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/25/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/25/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/25/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/25/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/25/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/25/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/25/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/25/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/25/01

Qualifiers:

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Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: E36C-0
Lab Order: 051656
Project: Oakland Mole - E8000-06-13
Collection Date: 6/14/01 11:02:00 AM
Lab ID: 051656-016A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010618A** BatchID: **P01VOCS096**			PrepDate:			Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/18/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/18/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/18/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/18/01
Benzene	ND	5.0		µg/Kg	1.0	6/18/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/18/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/18/01
Bromoform	ND	5.0		µg/Kg	1.0	6/18/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/18/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/18/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/18/01
Chloroform	ND	5.0		µg/Kg	1.0	6/18/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/18/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/18/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/18/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/18/01

Qualifiers:
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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: E36C-0
Lab Order: 051656
Project: Oakland Mole - E8000-06-13
Collection Date: 6/14/01 11:02:00 AM
Lab ID: 051656-016A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010618A** BatchID: **P01VOCS096**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/18/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/18/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/18/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/18/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/18/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/18/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Styrene	ND	5.0		µg/Kg	1.0	6/18/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Toluene	ND	5.0		µg/Kg	1.0	6/18/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/18/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/18/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E36C-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:02:00 AM
Lab ID:	051656-016A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010621B** BatchID: **4661**				PrepDate: **6/20/01**		Analyst: **AP**
Diesel	120	2.0		mg/Kg	2.0	6/21/01
Motor Oil	350	2.0		mg/Kg	2.0	6/21/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010618C** BatchID: **E018G20S133**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/19/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: (D

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E38L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:10:00 AM
Lab ID:	051656-019A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010624A** BatchID: **4686**				PrepDate: **6/21/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/25/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/25/01
4,4'-DDT	ND	8.0		µg/Kg	2.0	6/25/01
Aldrin	ND	4.0		µg/Kg	2.0	6/25/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/25/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/25/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/25/01
Chlordane	ND	34		µg/Kg	2.0	6/25/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/25/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/25/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/25/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/25/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/25/01
Endrin	ND	8.0		µg/Kg	2.0	6/25/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/25/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/25/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/25/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/25/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/25/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/25/01
Methoxychlor	ND	34		µg/Kg	2.0	6/25/01
Toxaphene	ND	340		µg/Kg	2.0	6/25/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010624A** BatchID: **4686**				PrepDate: **6/21/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/25/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/25/01

Qualifiers:

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Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: E38L-0
Lab Order: 051656
Project: Oakland Mole - E8000-06-13
Collection Date: 6/14/01 11:10:00 AM
Lab ID: 051656-019A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010618A** BatchID: **P01VOCS096**			PrepDate:			Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/18/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/18/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/18/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/18/01
Benzene	ND	5.0		µg/Kg	1.0	6/18/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/18/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/18/01
Bromoform	ND	5.0		µg/Kg	1.0	6/18/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/18/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/18/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/18/01
Chloroform	ND	5.0		µg/Kg	1.0	6/18/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/18/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/18/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/18/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/18/01

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Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E38L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:10:00 AM
Lab ID:	051656-019A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010618A** BatchID: **P01VOCS096**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/18/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/18/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/18/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/18/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/18/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/18/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Styrene	ND	5.0		µg/Kg	1.0	6/18/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Toluene	ND	5.0		µg/Kg	1.0	6/18/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/18/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/18/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out
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H - Samples exceeding analytical holding time
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Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	E38L-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:10:00 AM
Lab ID:	051656-019A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010621C** BatchID: **4680**				PrepDate: **6/21/01**		Analyst: **AP**
Diesel	330	10		mg/Kg	10	6/22/01
Motor Oil	820	10		mg/Kg	10	6/22/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010619A** BatchID: **E018G20S134**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/19/01

Qualifiers:

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DO - Surrogate Diluted Out
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E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: (I)

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD11-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:45:00 AM
Lab ID:	051656-025A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD				**EPA 8081A**		
RunID: **GC9_010624A** BatchID: **4686**				PrepDate: **6/21/01**		Analyst: **GG**
4,4'-DDD	43	8.0		µg/Kg	2.0	6/25/01
4,4'-DDE	13	8.0		µg/Kg	2.0	6/25/01
4,4'-DDT	55	8.0		µg/Kg	2.0	6/25/01
Aldrin	ND	4.0		µg/Kg	2.0	6/25/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/25/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/25/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/25/01
Chlordane	ND	34		µg/Kg	2.0	6/25/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/25/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/25/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/25/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/25/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/25/01
Endrin	ND	8.0		µg/Kg	2.0	6/25/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/25/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/25/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/25/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/25/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/25/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/25/01
Methoxychlor	ND	34		µg/Kg	2.0	6/25/01
Toxaphene	ND	340		µg/Kg	2.0	6/25/01
PCB BY GC/ECD				**EPA 8082**		
RunID: **GC9_010624A** BatchID: **4686**				PrepDate: **6/21/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/25/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1248	110	66		µg/Kg	2.0	6/25/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/25/01

Qualifiers:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD11-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:45:00 AM
Lab ID:	051656-025A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010621C** BatchID: **4680**				PrepDate: **6/21/01**		Analyst: **AP**
Diesel	120	10		mg/Kg	10	6/22/01
Motor Oil	360	10		mg/Kg	10	6/22/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD11-0.3
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:50:00 AM
Lab ID:	051656-026A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010624A** BatchID: **4686**				PrepDate: **6/21/01**		Analyst: **GG**
4,4'-DDD	44	20		µg/Kg	5.0	6/25/01
4,4'-DDE	ND	20		µg/Kg	5.0	6/25/01
4,4'-DDT	50	20		µg/Kg	5.0	6/25/01
Aldrin	ND	10		µg/Kg	5.0	6/25/01
alpha-BHC	ND	10		µg/Kg	5.0	6/25/01
alpha-Chlordane	ND	20		µg/Kg	5.0	6/25/01
beta-BHC	ND	10		µg/Kg	5.0	6/25/01
Chlordane	ND	85		µg/Kg	5.0	6/25/01
delta-BHC	ND	10		µg/Kg	5.0	6/25/01
Dieldrin	ND	20		µg/Kg	5.0	6/25/01
Endosulfan I	ND	10		µg/Kg	5.0	6/25/01
Endosulfan II	ND	20		µg/Kg	5.0	6/25/01
Endosulfan sulfate	ND	20		µg/Kg	5.0	6/25/01
Endrin	ND	20		µg/Kg	5.0	6/25/01
Endrin aldehyde	ND	20		µg/Kg	5.0	6/25/01
Endrin ketone	ND	20		µg/Kg	5.0	6/25/01
gamma-BHC	ND	10		µg/Kg	5.0	6/25/01
gamma-Chlordane	ND	20		µg/Kg	5.0	6/25/01
Heptachlor	ND	10		µg/Kg	5.0	6/25/01
Heptachlor epoxide	ND	10		µg/Kg	5.0	6/25/01
Methoxychlor	ND	85		µg/Kg	5.0	6/25/01
Toxaphene	ND	850		µg/Kg	5.0	6/25/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010624A** BatchID: **4686**				PrepDate: **6/21/01**		Analyst: **GG**
Aroclor 1016	ND	160		µg/Kg	5.0	6/25/01
Aroclor 1221	ND	340		µg/Kg	5.0	6/25/01
Aroclor 1232	ND	160		µg/Kg	5.0	6/25/01
Aroclor 1242	ND	160		µg/Kg	5.0	6/25/01
Aroclor 1248	ND	160		µg/Kg	5.0	6/25/01
Aroclor 1254	ND	160		µg/Kg	5.0	6/25/01
Aroclor 1260	ND	160		µg/Kg	5.0	6/25/01
Aroclor 1262	ND	160		µg/Kg	5.0	6/25/01
Aroclor 1268	ND	160		µg/Kg	5.0	6/25/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: MD11-0.3
Lab Order: 051656
Project: Oakland Mole - E8000-06-13
Collection Date: 6/14/01 11:50:00 AM
Lab ID: 051656-026A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010618A** BatchID: **P01VOCS096**			PrepDate:			Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/18/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/18/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/18/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/18/01
Benzene	ND	5.0		µg/Kg	1.0	6/18/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/18/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/18/01
Bromoform	ND	5.0		µg/Kg	1.0	6/18/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/18/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/18/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/18/01
Chloroform	ND	5.0		µg/Kg	1.0	6/18/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/18/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/18/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/18/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/18/01

Qualifiers:
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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD11-0.3
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:50:00 AM
Lab ID:	051656-026A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010618A** BatchID: **P01VOCS096**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/18/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/18/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/18/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/18/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/18/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/18/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Styrene	ND	5.0		µg/Kg	1.0	6/18/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Toluene	ND	5.0		µg/Kg	1.0	6/18/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/18/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/18/01

Qualifiers:

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
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3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: MD11-0.3
Lab Order: 051656
Project: Oakland Mole - E8000-06-13
Collection Date: 6/14/01 11:50:00 AM
Lab ID: 051656-026A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010621C** BatchID: **4680**				PrepDate: **6/21/01**		Analyst: **AP**
Diesel	260	50		mg/Kg	50	6/22/01
Motor Oil	1000	50		mg/Kg	50	6/22/01
GASOLINE RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC2_010618C** BatchID: **E018G20S133**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/19/01
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010618A** BatchID: **P01VOCS096**				PrepDate:		Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/18/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/18/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/18/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/18/01
Benzene	ND	5.0		µg/Kg	1.0	6/18/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/18/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/18/01
Bromoform	ND	5.0		µg/Kg	1.0	6/18/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/18/01

Qualifiers:
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Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD11-0.3
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 11:50:00 AM
Lab ID:	051656-026A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010618A** BatchID: **P01VOCS096**			PrepDate:			Analyst: **JPC**
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/18/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/18/01
Chloroform	ND	5.0		µg/Kg	1.0	6/18/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/18/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/18/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/18/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/18/01
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/18/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/18/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/18/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/18/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/18/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/18/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Styrene	ND	5.0		µg/Kg	1.0	6/18/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Toluene	ND	5.0		µg/Kg	1.0	6/18/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/18/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/18/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD13-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 1:50:00 PM
Lab ID:	051656-029A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010624A** BatchID: **4686**				PrepDate: **6/21/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/25/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/25/01
4,4'-DDT	10	8.0		µg/Kg	2.0	6/25/01
Aldrin	ND	4.0		µg/Kg	2.0	6/25/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/25/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/25/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/25/01
Chlordane	ND	34		µg/Kg	2.0	6/25/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/25/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/25/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/25/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/25/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/25/01
Endrin	ND	8.0		µg/Kg	2.0	6/25/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/25/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/25/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/25/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/25/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/25/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/25/01
Methoxychlor	ND	34		µg/Kg	2.0	6/25/01
Toxaphene	ND	340		µg/Kg	2.0	6/25/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010624A** BatchID: **4686**				PrepDate: **6/21/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/25/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/25/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD13-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 1:50:00 PM
Lab ID:	051656-029A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010618A** BatchID: **P01VOCS096**				PrepDate:		Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/18/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/18/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/18/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/18/01
Benzene	ND	5.0		µg/Kg	1.0	6/18/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/18/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/18/01
Bromoform	ND	5.0		µg/Kg	1.0	6/18/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/18/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/18/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/18/01
Chloroform	ND	5.0		µg/Kg	1.0	6/18/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/18/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/18/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/18/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/18/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD13-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 1:50:00 PM
Lab ID:	051656-029A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010618A** BatchID: **P01VOCS096**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/18/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/18/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/18/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/18/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/18/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/18/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Styrene	ND	5.0		µg/Kg	1.0	6/18/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Toluene	ND	5.0		µg/Kg	1.0	6/18/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/18/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/18/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD13-0
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 1:50:00 PM
Lab ID:	051656-029A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010621C** BatchID: **4680**				PrepDate: **6/21/01**		Analyst: **AP**
Diesel	150	10		mg/Kg	10	6/22/01
Motor Oil	400	10		mg/Kg	10	6/22/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC1_010619A** BatchID: **D018G20S068**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/19/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: MD13-1
Lab Order: 051656
Project: Oakland Mole - E8000-06-13
Collection Date: 6/14/01 1:50:00 PM
Lab ID: 051656-030A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010624A** BatchID: **4686**				PrepDate: **6/21/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/25/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/25/01
4,4'-DDT	9.2	8.0		µg/Kg	2.0	6/25/01
Aldrin	ND	4.0		µg/Kg	2.0	6/25/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/25/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/25/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/25/01
Chlordane	ND	34		µg/Kg	2.0	6/25/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/25/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/25/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/25/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/25/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/25/01
Endrin	ND	8.0		µg/Kg	2.0	6/25/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/25/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/25/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/25/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/25/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/25/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/25/01
Methoxychlor	ND	34		µg/Kg	2.0	6/25/01
Toxaphene	ND	340		µg/Kg	2.0	6/25/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010624A** BatchID: **4686**				PrepDate: **6/21/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/25/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/25/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/25/01

Qualifiers:
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H - Samples exceeding analytical holding time
E - Value above quantitation range
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD13-1
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 1:50:00 PM
Lab ID:	051656-030A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010618A** BatchID: **P01VOCS096** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/18/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/18/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/18/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/18/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/18/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/18/01
Benzene	ND	5.0		µg/Kg	1.0	6/18/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/18/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/18/01
Bromoform	ND	5.0		µg/Kg	1.0	6/18/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/18/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/18/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/18/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/18/01
Chloroform	ND	5.0		µg/Kg	1.0	6/18/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/18/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/18/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/18/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/18/01

Qualifiers:

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J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.

H - Samples exceeding analytical holding time

E - Value above quantitation range

M - Not Monitored. Highly Reactive

Initials: (BW)

Advanced Technology Laboratories

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD13-1
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 1:50:00 PM
Lab ID:	051656-030A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010618A** BatchID: **P01VOCS096**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/18/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/18/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/18/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/18/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/18/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/18/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Styrene	ND	5.0		µg/Kg	1.0	6/18/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/18/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Toluene	ND	5.0		µg/Kg	1.0	6/18/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/18/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/18/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/18/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
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Initials:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD13-1
Lab Order:	051656		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/14/01 1:50:00 PM
Lab ID:	051656-030A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010621C** BatchID: **4680**				PrepDate: **6/21/01**		Analyst: **AP**
Diesel	96	10		mg/Kg	10	6/22/01
Motor Oil	260	10		mg/Kg	10	6/22/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010619A** BatchID: **E018G20S134**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/19/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

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Advanced Technology Laboratories

Date: *27-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4661** Batch ID: **4661** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/20/01**
MBLK SeqNo: **150934**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Sample ID **MB-4680** Batch ID: **4680** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**
MBLK SeqNo: **151158**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Sample ID **010618BLKS3** Batch ID: **E018G20S133** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/19/01** Prep Date:
MBLK SeqNo: **149818**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

Sample ID **010619BLKS1** Batch ID: **D018G20S068** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/19/01** Prep Date:
MBLK SeqNo: **150244**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			J

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010619BLKS1** Batch ID: **E018G20S134** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/19/01** Prep Date:

MBLK SeqNo: **150291**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4673** Batch ID: **4673** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**

MBLK SeqNo: **151040**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	4.0		0				0			
4,4´-DDE	ND	4.0		0				0			
4,4´-DDT	ND	4.0		0				0			
Aldrin	ND	2.0		0				0			
alpha-BHC	ND	2.0		0				0			
alpha-Chlordane	ND	4.0		0				0			
beta-BHC	ND	2.0		0				0			
Chlordane	ND	17		0				0			
delta-BHC	ND	2.0		0				0			
Dieldrin	ND	4.0		0				0			
Endosulfan I	ND	2.0		0				0			
Endosulfan II	ND	4.0		0				0			
Endosulfan sulfate	ND	4.0		0				0			
Endrin	ND	4.0		0				0			
Endrin aldehyde	ND	4.0		0				0			
Endrin ketone	ND	4.0		0				0			
gamma-BHC	ND	2.0		0				0			
gamma-Chlordane	ND	4.0		0				0			
Heptachlor	ND	2.0		0				0			
Heptachlor epoxide	ND	2.0		0				0			
Methoxychlor	ND	17		0				0			
Toxaphene	ND	170		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4686** Batch ID: **4686** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/24/01** Prep Date: **6/21/01**

MBLK SeqNo: **152052**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	4.0		0				0			
4,4'-DDE	ND	4.0		0				0			
4,4'-DDT	ND	4.0		0				0			
Aldrin	ND	2.0		0				0			
alpha-BHC	ND	2.0		0				0			
alpha-Chlordane	ND	4.0		0				0			
beta-BHC	ND	2.0		0				0			
Chlordane	ND	17		0				0			
delta-BHC	ND	2.0		0				0			
Dieldrin	ND	4.0		0				0			
Endosulfan I	ND	2.0		0				0			
Endosulfan II	ND	4.0		0				0			
Endosulfan sulfate	ND	4.0		0				0			
Endrin	ND	4.0		0				0			
Endrin aldehyde	ND	4.0		0				0			
Endrin ketone	ND	4.0		0				0			
gamma-BHC	ND	2.0		0				0			
gamma-Chlordane	ND	4.0		0				0			
Heptachlor	ND	2.0		0				0			
Heptachlor epoxide	ND	2.0		0				0			
Methoxychlor	ND	17		0				0			
Toxaphene	ND	170		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4686** Batch ID: **4686** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/26/01** Prep Date: **6/21/01**

MBLK SeqNo: **152094**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	4.0		0				0			
4,4'-DDE	ND	4.0		0				0			
4,4'-DDT	ND	4.0		0				0			
Aldrin	ND	2.0		0				0			
alpha-BHC	ND	2.0		0				0			
alpha-Chlordane	ND	4.0		0				0			
beta-BHC	ND	2.0		0				0			
Chlordane	ND	17		0				0			
delta-BHC	ND	2.0		0				0			
Dieldrin	ND	4.0		0				0			
Endosulfan I	ND	2.0		0				0			
Endosulfan II	ND	4.0		0				0			
Endosulfan sulfate	ND	4.0		0				0			
Endrin	ND	4.0		0				0			
Endrin aldehyde	ND	4.0		0				0			
Endrin ketone	ND	4.0		0				0			
gamma-BHC	ND	2.0		0				0			
gamma-Chlordane	ND	4.0		0				0			
Heptachlor	ND	2.0		0				0			
Heptachlor epoxide	ND	2.0		0				0			
Methoxychlor	ND	17		0				0			
Toxaphene	ND	170		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4673** Batch ID: **4673** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**
MBLK SeqNo: **151064**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33		0				0			
Aroclor 1221	ND	67		0				0			
Aroclor 1232	ND	33		0				0			
Aroclor 1242	ND	33		0				0			
Aroclor 1248	ND	33		0				0			
Aroclor 1254	ND	33		0				0			
Aroclor 1260	ND	33		0				0			
Aroclor 1262	ND	33		0				0			
Aroclor 1268	ND	33		0				0			

Sample ID **MB-4686** Batch ID: **4686** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/24/01** Prep Date: **6/21/01**
MBLK SeqNo: **152071**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33		0				0			
Aroclor 1221	ND	67		0				0			
Aroclor 1232	ND	33		0				0			
Aroclor 1242	ND	33		0				0			
Aroclor 1248	ND	33		0				0			
Aroclor 1254	ND	33		0				0			
Aroclor 1260	ND	33		0				0			
Aroclor 1262	ND	33		0				0			
Aroclor 1268	ND	33		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4686** Batch ID: **4686** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/26/01** Prep Date: **6/21/01**

MBLK SeqNo: **152116**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33		0				0			
Aroclor 1221	ND	67		0				0			
Aroclor 1232	ND	33		0				0			
Aroclor 1242	ND	33		0				0			
Aroclor 1248	ND	33		0				0			
Aroclor 1254	ND	33		0				0			
Aroclor 1260	ND	33		0				0			
Aroclor 1262	ND	33		0				0			
Aroclor 1268	ND	33		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010615BLKS1** Batch ID: **P01VOCS095** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date:

MBLK SeqNo: **148936**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0		0				0			
1,1,1-Trichloroethane	ND	5.0		0				0			
1,1,2,2-Tetrachloroethane	ND	5.0		0				0			
1,1,2-Trichloroethane	ND	5.0		0				0			
1,1-Dichloroethane	ND	5.0		0				0			
1,1-Dichloroethene	ND	5.0		0				0			
1,1-Dichloropropene	ND	5.0		0				0			
1,2,3-Trichlorobenzene	ND	5.0		0				0			
1,2,3-Trichloropropane	ND	5.0		0				0			
1,2,4-Trichlorobenzene	ND	5.0		0				0			
1,2,4-Trimethylbenzene	ND	5.0		0				0			
1,2-Dibromo-3-chloropropane	ND	10		0				0			
1,2-Dibromoethane	ND	5.0		0				0			
1,2-Dichlorobenzene	ND	5.0		0				0			
1,2-Dichloroethane	ND	5.0		0				0			
1,2-Dichloropropane	ND	5.0		0				0			
1,3,5-Trimethylbenzene	ND	5.0		0				0			
1,3-Dichlorobenzene	ND	5.0		0				0			
1,3-Dichloropropane	ND	5.0		0				0			
1,4-Dichlorobenzene	ND	5.0		0				0			
2,2-Dichloropropane	ND	5.0		0				0			
2-Chlorotoluene	ND	5.0		0				0			
4-Chlorotoluene	ND	5.0		0				0			
4-Isopropyltoluene	ND	5.0		0				0			
Benzene	ND	5.0		0				0			
Bromobenzene	ND	5.0		0				0			
Bromodichloromethane	ND	5.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Bromoform	ND	5.0	0	0
Bromomethane	ND	5.0	0	0
Carbon tetrachloride	ND	5.0	0	0
Chlorobenzene	ND	5.0	0	0
Chloroethane	ND	5.0	0	0
Chloroform	ND	5.0	0	0
Chloromethane	ND	5.0	0	0
cis-1,2-Dichloroethene	ND	5.0	0	0
cis-1,3-Dichloropropene	ND	5.0	0	0
Dibromochloromethane	ND	5.0	0	0
Dibromomethane	ND	5.0	0	0
Dichlorodifluoromethane	ND	5.0	0	0
Ethylbenzene	ND	5.0	0	0
Hexachlorobutadiene	ND	5.0	0	0
Isopropylbenzene	ND	5.0	0	0
m,p-Xylene	ND	5.0	0	0
Methylene chloride	ND	5.0	0	0
n-Butylbenzene	ND	5.0	0	0
n-Propylbenzene	ND	5.0	0	0
Naphthalene	ND	5.0	0	0
o-Xylene	ND	5.0	0	0
sec-Butylbenzene	ND	5.0	0	0
Styrene	ND	5.0	0	0
tert-Butylbenzene	ND	5.0	0	0
Tetrachloroethene	ND	5.0	0	0
Toluene	ND	5.0	0	0
trans-1,2-Dichloroethene	ND	5.0	0	0
Trichloroethene	ND	5.0	0	0
Trichlorofluoromethane	ND	5.0	0	0
Vinyl chloride	ND	5.0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit; B - Analyte detected in the associated Method Blank; DO - Surrogate Diluted Out
J - Analyte detected below quantitation limits; M - Not Monitored. Highly Reactive
R - RPD outside accepted recovery limits; S - Spike/Surrogate outside of limits due to matrix interference

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010618BLKS1** Batch ID: **P01VOCS096** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date:
MBLK SeqNo: **149289**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0		0				0			
1,1,1-Trichloroethane	ND	5.0		0				0			
1,1,2,2-Tetrachloroethane	ND	5.0		0				0			
1,1,2-Trichloroethane	ND	5.0		0				0			
1,1-Dichloroethane	ND	5.0		0				0			
1,1-Dichloroethene	ND	5.0		0				0			
1,1-Dichloropropene	ND	5.0		0				0			
1,2,3-Trichlorobenzene	ND	5.0		0				0			
1,2,3-Trichloropropane	ND	5.0		0				0			
1,2,4-Trichlorobenzene	ND	5.0		0				0			
1,2,4-Trimethylbenzene	ND	5.0		0				0			
1,2-Dibromo-3-chloropropane	ND	10		0				0			
1,2-Dibromoethane	ND	5.0		0				0			
1,2-Dichlorobenzene	ND	5.0		0				0			
1,2-Dichloroethane	ND	5.0		0				0			
1,2-Dichloropropane	ND	5.0		0				0			
1,3,5-Trimethylbenzene	ND	5.0		0				0			
1,3-Dichlorobenzene	ND	5.0		0				0			
1,3-Dichloropropane	ND	5.0		0				0			
1,4-Dichlorobenzene	ND	5.0		0				0			
2,2-Dichloropropane	ND	5.0		0				0			
2-Chlorotoluene	ND	5.0		0				0			
4-Chlorotoluene	ND	5.0		0				0			
4-Isopropyltoluene	ND	5.0		0				0			
Benzene	ND	5.0		0				0			
Bromobenzene	ND	5.0		0				0			
Bromodichloromethane	ND	5.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Bromoform	ND	5.0	0	0
Bromomethane	ND	5.0	0	0
Carbon tetrachloride	ND	5.0	0	0
Chlorobenzene	ND	5.0	0	0
Chloroethane	ND	5.0	0	0
Chloroform	ND	5.0	0	0
Chloromethane	ND	5.0	0	0
cis-1,2-Dichloroethene	ND	5.0	0	0
cis-1,3-Dichloropropene	ND	5.0	0	0
Dibromochloromethane	ND	5.0	0	0
Dibromomethane	ND	5.0	0	0
Dichlorodifluoromethane	ND	5.0	0	0
Ethylbenzene	ND	5.0	0	0
Hexachlorobutadiene	ND	5.0	0	0
Isopropylbenzene	ND	5.0	0	0
m,p-Xylene	ND	5.0	0	0
Methylene chloride	ND	5.0	0	0
n-Butylbenzene	ND	5.0	0	0
n-Propylbenzene	ND	5.0	0	0
Naphthalene	ND	5.0	0	0
o-Xylene	ND	5.0	0	0
sec-Butylbenzene	ND	5.0	0	0
Styrene	ND	5.0	0	0
tert-Butylbenzene	ND	5.0	0	0
Tetrachloroethene	ND	5.0	0	0
Toluene	ND	5.0	0	0
trans-1,2-Dichloroethene	ND	5.0	0	0
Trichloroethene	ND	5.0	0	0
Trichlorofluoromethane	ND	5.0	0	0
Vinyl chloride	ND	5.0	0	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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Advanced Technology Laboratories

Date: *27-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051636-045ADU** Batch ID: **4661** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/20/01**
DUP SeqNo: **150952**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	13	2.0	0	0	0	0	0	8.5	42	30	R
Motor Oil	38	2.0	0	0	0	0	0	28	30	30	

Sample ID **051658-003ADU** Batch ID: **4680** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**
DUP SeqNo: **151162**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0	0	0	0	0	0	13	0	30	
Motor Oil	1.9	1.0	0	0	0	0	0	10	137	30	R

Sample ID **051636-047ADU** Batch ID: **E018G20S133** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/19/01** Prep Date:
DUP SeqNo: **149821**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Sample ID **051636-036ADU** Batch ID: **D018G20S068** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/19/01** Prep Date:
DUP SeqNo: **150246**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	0.3	1.0	0	0	0	0	0	0.37	18	30	J

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051658-008ADU** Batch ID: **E018G20S134** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/19/01** Prep Date:

DUP SeqNo: **150301**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051656-008ADU** Batch ID: **4673** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/22/01** Prep Date: **6/21/01**

DUP SeqNo: **151277**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	4.0	0	0	0	0	0	0	0	30	
4,4'-DDE	ND	4.0	0	0	0	0	0	0	0	30	
4,4'-DDT	4	4.0	0	0	0	0	0	4.1	2	30	J
Aldrin	ND	2.0	0	0	0	0	0	0	0	30	
alpha-BHC	ND	2.0	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	4.0	0	0	0	0	0	0	0	30	
beta-BHC	ND	2.0	0	0	0	0	0	0	0	30	
Chlordane	ND	17	0	0	0	0	0	0	0	30	
delta-BHC	ND	2.0	0	0	0	0	0	0	0	30	
Dieldrin	ND	4.0	0	0	0	0	0	0	0	30	
Endosulfan I	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan II	ND	4.0	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	4.0	0	0	0	0	0	0	0	30	
Endrin	ND	4.0	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	4.0	0	0	0	0	0	0	0	30	
Endrin ketone	ND	4.0	0	0	0	0	0	0	0	30	
gamma-BHC	ND	2.0	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	4.0	0	0	0	0	0	0	0	30	
Heptachlor	ND	2.0	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	2.0	0	0	0	0	0	0	0	30	
Methoxychlor	ND	17	0	0	0	0	0	0	0	30	
Toxaphene	ND	170	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051656-030ADU** Batch ID: **4686** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/25/01** Prep Date: **6/21/01**

DUP SeqNo: **152061**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	6	8.0	0	0	0	0	0	4.6	34	30	J
4,4´-DDE	3	8.0	0	0	0	0	0	1.2	82	30	J
4,4´-DDT	15	8.0	0	0	0	0	0	9.2	48	30	R
Aldrin	ND	4.0	0	0	0	0	0	0	0	30	
alpha-BHC	ND	4.0	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	8.0	0	0	0	0	0	0	0	30	
beta-BHC	ND	4.0	0	0	0	0	0	0	0	30	
Chlordane	ND	34	0	0	0	0	0	0	0	30	
delta-BHC	ND	4.0	0	0	0	0	0	0	0	30	
Dieldrin	ND	8.0	0	0	0	0	0	0	0	30	
Endosulfan I	ND	4.0	0	0	0	0	0	0	0	30	
Endosulfan II	ND	8.0	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	8.0	0	0	0	0	0	0	0	30	
Endrin	ND	8.0	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	8.0	0	0	0	0	0	0	0	30	
Endrin ketone	ND	8.0	0	0	0	0	0	0	0	30	
gamma-BHC	ND	4.0	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	8.0	0	0	0	0	0	0	0	30	
Heptachlor	ND	4.0	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	4.0	0	0	0	0	0	0	0	30	
Methoxychlor	ND	34	0	0	0	0	0	0	0	30	
Toxaphene	ND	340	0	0	0	0	0	0	0	30	

Qualifiers:
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J - Analyte detected below quantitation limits
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B - Analyte detected in the associated Method Blank
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051656-008ADU** Batch ID: **4673** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/22/01** Prep Date: **6/21/01**
DUP SeqNo: **151284**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	67	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1260	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1262	30	33	0	0	0	0	0	19	30	30	J
Aroclor 1268	ND	33	0	0	0	0	0	0	0	30	

Sample ID **051656-030ADU** Batch ID: **4686** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/25/01** Prep Date: **6/21/01**
DUP SeqNo: **152080**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	66	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	130	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	66	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	66	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	66	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	66	0	0	0	0	0	0	0	30	
Aroclor 1260	ND	66	0	0	0	0	0	0	0	30	
Aroclor 1262	ND	66	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	66	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051578-055ADU** Batch ID: **P01VOCS095** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date:

DUP SeqNo: **148938**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dibromo-3-chloropropane	ND	10	0	0	0	0	0	0	0	30	
1,2-Dibromoethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3,5-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
2,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
2-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Isopropyltoluene	ND	5.0	0	0	0	0	0	0	0	30	
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit; B - Analyte detected in the associated Method Blank; DO - Surrogate Diluted Out
J - Analyte detected below quantitation limits; M - Not Monitored. Highly Reactive
R - RPD outside accepted recovery limits; S - Spike/Surrogate outside of limits due to matrix interference

Initials: _____

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Bromoform	ND	5.0	0	0	0	0	0	0	0	30
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30
Chloroform	ND	5.0	0	0	0	0	0	0	0	30
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30
Dibromomethane	ND	5.0	0	0	0	0	0	0	0	30
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Hexachlorobutadiene	ND	5.0	0	0	0	0	0	0	0	30
Isopropylbenzene	ND	5.0	0	0	0	0	0	0	0	30
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30
n-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
n-Propylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Naphthalene	ND	5.0	0	0	0	0	0	0	0	30
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30
sec-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Styrene	ND	5.0	0	0	0	0	0	0	0	30
tert-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30
Toluene	ND	5.0	0	0	0	0	0	0	0	30
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30

Qualifiers: ND - Not Detected at the Reporting Limit; B - Analyte detected in the associated Method Blank; DO - Surrogate Diluted Out
J - Analyte detected below quantitation limits; M - Not Monitored. Highly Reactive
R - RPD outside accepted recovery limits; S - Spike/Surrogate outside of limits due to matrix interference

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051656-016ADU** Batch ID: **P01VOCS096** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date:

DUP SeqNo: **149292**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dibromo-3-chloropropane	ND	10	0	0	0	0	0	0	0	30	
1,2-Dibromoethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3,5-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
2,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
2-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Isopropyltoluene	ND	5.0	0	0	0	0	0	0	0	30	
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike/Surrogate outside of limits due to matrix interference
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Initials: _____

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Bromoform	ND	5.0	0	0	0	0	0	0	0	30
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30
Chloroform	ND	5.0	0	0	0	0	0	0	0	30
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30
Dibromomethane	ND	5.0	0	0	0	0	0	0	0	30
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Hexachlorobutadiene	ND	5.0	0	0	0	0	0	0	0	30
Isopropylbenzene	ND	5.0	0	0	0	0	0	0	0	30
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30
n-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
n-Propylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Naphthalene	ND	5.0	0	0	0	0	0	0	0	30
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30
sec-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Styrene	ND	5.0	0	0	0	0	0	0	0	30
tert-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30
Toluene	ND	5.0	0	0	0	0	0	0	0	30
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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Advanced Technology Laboratories

Date: *27-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051636-047AMS** Batch ID: **4661** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/20/01**
MS SeqNo: **150939**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	30	2.0	33	5.2	75	50	150	0			

Sample ID **051636-047AMS** Batch ID: **4661** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/20/01**
MSD SeqNo: **150940**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	49	2.0	33	5.2	132	50	150	30	49	40	R

Sample ID **051658-006AMS** Batch ID: **4680** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**
MS SeqNo: **151160**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	25	1.0	33	3.9	64	50	150	0			

Sample ID **051658-006AMS** Batch ID: **4680** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**
MSD SeqNo: **151161**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	29	1.0	33	3.9	77	50	150	25	15	40	

Sample ID **051636-047AMS** Batch ID: **E018G20S133** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/19/01** Prep Date:
MS SeqNo: **149822**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	5	0	0	31	113	0			S

Qualifiers:
ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
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QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051636-047AMS** Batch ID: **E018G20S133** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/19/01** Prep Date:
MSD SeqNo: **149823**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	5	0	0	31	113	0	0	25	S

Sample ID **051636-036AMS** Batch ID: **D018G20S068** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/19/01** Prep Date:
MS SeqNo: **150247**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.9	1.0	5	0.37	71	31	113	0			

Sample ID **051636-036AMS** Batch ID: **D018G20S068** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/19/01** Prep Date:
MSD SeqNo: **150248**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.7	1.0	5	0.37	67	31	113	3.9	6	25	

Sample ID **051658-008AMS** Batch ID: **E018G20S134** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/19/01** Prep Date:
MS SeqNo: **150302**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.3	1.0	5	0	86	31	113	0			

Sample ID **051658-008AMS** Batch ID: **E018G20S134** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/19/01** Prep Date:
MSD SeqNo: **150303**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	1.2	1.0	5	0	23	31	113	4.3	113	25	SR

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051656-004AMS** Batch ID: **4673** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**

MS SeqNo: **151044**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	18	4.0	26.6	1.6	62	40	150	0			
Aldrin	9.3	2.0	13.3	0	70	40	150	0			
Dieldrin	16	4.0	26.6	0	60	40	150	0			
Endrin	16	4.0	26.6	0	60	40	150	0			
gamma-BHC	8.2	2.0	13.3	0	62	40	150	0			
Heptachlor	11	2.0	13.3	0	83	40	150	0			

Sample ID **051656-004AMS** Batch ID: **4673** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**

MSD SeqNo: **151045**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	19	4.0	26.6	1.6	65	40	150	18	3	50	
Aldrin	8.7	2.0	13.3	0	65	40	150	9.3	7	50	
Dieldrin	15	4.0	26.6	0	56	40	150	16	8	50	
Endrin	14	4.0	26.6	0	53	40	150	16	11	50	
gamma-BHC	7.4	2.0	13.3	0	56	40	150	8.2	10	50	
Heptachlor	10	2.0	13.3	0	75	40	150	11	10	50	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051656-029AMS** Batch ID: **4686** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/25/01** Prep Date: **6/21/01**

MS SeqNo: **152058**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	38	8.0	26.6	10	105	40	150	0			
Aldrin	14	4.0	13.3	0	105	40	150	0			
Dieldrin	21	8.0	26.6	0	79	40	150	0			
Endrin	25	8.0	26.6	0	94	40	150	0			
gamma-BHC	9.6	4.0	13.3	0	72	40	150	0			
Heptachlor	13	4.0	13.3	0	98	40	150	0			

Sample ID **051656-029AMS** Batch ID: **4686** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/25/01** Prep Date: **6/21/01**

MSD SeqNo: **152059**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	36	8.0	26.6	10	98	40	150	38	7	50	
Aldrin	15	4.0	13.3	0	113	40	150	14	10	50	
Dieldrin	19	8.0	26.6	0	71	40	150	21	10	50	
Endrin	22	8.0	26.6	0	83	40	150	25	14	50	
gamma-BHC	9.6	4.0	13.3	0	72	40	150	9.6	0	50	
Heptachlor	16	4.0	13.3	0	120	40	150	13	19	50	

Sample ID **051656-007AMS** Batch ID: **4673** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**

MS SeqNo: **151069**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	250	33	333.3	0	75	50	150	0			
Aroclor 1260	230	33	333.3	0	69	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051656-007AMS** Batch ID: **4673** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**
MSD SeqNo: **151070**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	280	33	333.3	0	84	50	150	250	9	50	
Aroclor 1260	260	33	333.3	0	78	50	150	230	11	50	

Sample ID **051656-026AMS** Batch ID: **4686** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/25/01** Prep Date: **6/21/01**
MS SeqNo: **152073**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	400	160	333.3	0	120	50	150	0			
Aroclor 1260	410	160	333.3	0	123	50	150	0			

Sample ID **051656-026AMS** Batch ID: **4686** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/25/01** Prep Date: **6/21/01**
MSD SeqNo: **152074**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	430	160	333.3	0	129	50	150	400	7	50	
Aroclor 1260	450	160	333.3	0	135	50	150	410	9	50	

Sample ID **051578-055AMS** Batch ID: **P01VOCS095** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date:
MS SeqNo: **148939**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	100	5.0	100	0	101	71	140	0			
Benzene	95	5.0	100	0	95	74	129	0			
Chlorobenzene	53	5.0	100	0	53	44	136	0			
Toluene	83	5.0	100	0	83	59	142	0			
Trichloroethene	86	5.0	100	0	86	70	135	0			

Qualifiers: ND - Not Detected at the Reporting Limit
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Initials: _____

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QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051578-055AMS** Batch ID: **P01VOCS095** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date:
MSD SeqNo: **148940**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	100	5.0	100	0	100	71	140	100	1	26	
Benzene	96	5.0	100	0	96	74	129	95	2	18	
Chlorobenzene	51	5.0	100	0	51	44	136	53	4	22	
Toluene	81	5.0	100	0	81	59	142	83	2	21	
Trichloroethene	85	5.0	100	0	85	70	135	86	1	20	

Sample ID **051656-016AMS** Batch ID: **P01VOCS096** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date:
MS SeqNo: **149293**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	91	5.0	100	0	91	71	140	0			
Benzene	88	5.0	100	0	88	74	129	0			
Chlorobenzene	47	5.0	100	0	47	44	136	0			
Toluene	74	5.0	100	0	74	59	142	0			
Trichloroethene	79	5.0	100	0	79	70	135	0			

Sample ID **051656-016AMS** Batch ID: **P01VOCS096** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date:
MSD SeqNo: **149294**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	100	5.0	100	0	100	71	140	91	10	26	
Benzene	97	5.0	100	0	97	74	129	88	10	18	
Chlorobenzene	52	5.0	100	0	52	44	136	47	10	22	
Toluene	81	5.0	100	0	81	59	142	74	9	21	
Trichloroethene	87	5.0	100	0	87	70	135	79	10	20	

Qualifiers:
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Initials:

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Date: *27-Jun-01*

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QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4661** Batch ID: **4661** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/20/01**
LCS SeqNo: **150935**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	25	1.0	33	0	75	60	140	0			

Sample ID **LCS-4680** Batch ID: **4680** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**
LCS SeqNo: **151159**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	25	1.0	33	0	75	60	140	0			

Sample ID **010618LCS3** Batch ID: **E018G20S133** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/19/01** Prep Date:
LCS SeqNo: **149835**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.6	1.0	5	0	92	64	128	0			

Sample ID **010619LCSS1** Batch ID: **D018G20S068** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/19/01** Prep Date:
LCS SeqNo: **150259**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.9	1.0	5	0.43	89	64	128	0			

Sample ID **010619LCS1** Batch ID: **E018G20S134** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/19/01** Prep Date:
LCS SeqNo: **150311**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.9	1.0	5	0	98	64	128	0			

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Initials:

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Work Order: 051656
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QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4673** Batch ID: **4673** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**

LCS SeqNo: **151041**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	31	4.0	33.3	0	93	50	150	0			
4,4'-DDE	31	4.0	33.3	0	93	50	150	0			
4,4'-DDT	31	4.0	33.3	0	93	50	150	0			
Aldrin	30	2.0	33.3	0	90	50	150	0			
alpha-BHC	29	2.0	33.3	0	87	50	150	0			
alpha-Chlordane	30	4.0	33.3	0	90	50	150	0			
beta-BHC	28	2.0	33.3	0	84	50	150	0			
delta-BHC	23	2.0	33.3	0	69	50	150	0			
Dieldrin	31	4.0	33.3	0	93	50	150	0			
Endosulfan I	30	2.0	33.3	0	90	50	150	0			
Endosulfan II	31	4.0	33.3	0	93	50	150	0			
Endosulfan sulfate	30	4.0	33.3	0	90	50	150	0			
Endrin	34	4.0	33.3	0	102	50	150	0			
Endrin aldehyde	32	4.0	33.3	0	96	50	150	0			
Endrin ketone	32	4.0	33.3	0	96	50	150	0			
gamma-BHC	30	2.0	33.3	0	90	50	150	0			
gamma-Chlordane	30	4.0	33.3	0	90	50	150	0			
Heptachlor	29	2.0	33.3	0	87	50	150	0			
Heptachlor epoxide	29	2.0	33.3	0	87	50	150	0			
Methoxychlor	35	17	33.3	0	105	50	150	0			

Qualifiers:
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Initials: ____

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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4686** Batch ID: **4686** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/25/01** Prep Date: **6/21/01**

LCS SeqNo: **152053**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	33	4.0	33.3	0	99	50	150	0			
4,4'-DDE	33	4.0	33.3	0	99	50	150	0			
4,4'-DDT	33	4.0	33.3	0	99	50	150	0			
Aldrin	33	2.0	33.3	0	99	50	150	0			
alpha-BHC	32	2.0	33.3	0	96	50	150	0			
alpha-Chlordane	32	4.0	33.3	0	96	50	150	0			
beta-BHC	31	2.0	33.3	0	93	50	150	0			
delta-BHC	24	2.0	33.3	0	72	50	150	0			
Dieldrin	34	4.0	33.3	0	102	50	150	0			
Endosulfan I	32	2.0	33.3	0	96	50	150	0			
Endosulfan II	33	4.0	33.3	0	99	50	150	0			
Endosulfan sulfate	31	4.0	33.3	0	93	50	150	0			
Endrin	36	4.0	33.3	0	108	50	150	0			
Endrin aldehyde	33	4.0	33.3	0	99	50	150	0			
Endrin ketone	32	4.0	33.3	0	96	50	150	0			
gamma-BHC	34	2.0	33.3	0	102	50	150	0			
gamma-Chlordane	32	4.0	33.3	0	96	50	150	0			
Heptachlor	34	2.0	33.3	0	102	50	150	0			
Heptachlor epoxide	32	2.0	33.3	0	96	50	150	0			
Methoxychlor	37	17	33.3	0	111	50	150	0			

Qualifiers:
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Initials: _____

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Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4686** Batch ID: **4686** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/26/01** Prep Date: **6/21/01**

LCS SeqNo: **152095**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	32	4.0	33.3	0	96	50	150	0			
4,4'-DDE	32	4.0	33.3	0	96	50	150	0			
4,4'-DDT	32	4.0	33.3	0	96	50	150	0			
Aldrin	31	2.0	33.3	0	93	50	150	0			
alpha-BHC	30	2.0	33.3	0	90	50	150	0			
alpha-Chlordane	31	4.0	33.3	0	93	50	150	0			
beta-BHC	29	2.0	33.3	0	87	50	150	0			
delta-BHC	23	2.0	33.3	0	69	50	150	0			
Dieldrin	32	4.0	33.3	0	96	50	150	0			
Endosulfan I	31	2.0	33.3	0	93	50	150	0			
Endosulfan II	32	4.0	33.3	0	96	50	150	0			
Endosulfan sulfate	31	4.0	33.3	0	93	50	150	0			
Endrin	36	4.0	33.3	0	108	50	150	0			
Endrin aldehyde	32	4.0	33.3	0	96	50	150	0			
Endrin ketone	32	4.0	33.3	0	96	50	150	0			
gamma-BHC	31	2.0	33.3	0	93	50	150	0			
gamma-Chlordane	31	4.0	33.3	0	93	50	150	0			
Heptachlor	30	2.0	33.3	0	90	50	150	0			
Heptachlor epoxide	31	2.0	33.3	0	93	50	150	0			
Methoxychlor	35	17	33.3	0	105	50	150	0			

Sample ID **LCS-4673** Batch ID: **4673** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/21/01** Prep Date: **6/21/01**

LCS SeqNo: **151065**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	280	33	333.3	0	84	50	150	0			
Aroclor 1260	300	33	333.3	0	90	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
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DO - Surrogate Diluted Out

Initials: _____

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Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4686** Batch ID: **4686** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/25/01** Prep Date: **6/21/01**
LCS SeqNo: **152072**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	290	33	333.3	0	87	50	150	0			
Aroclor 1260	280	33	333.3	0	84	50	150	0			

Sample ID **LCS-4686** Batch ID: **4686** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/26/01** Prep Date: **6/21/01**
LCS SeqNo: **152117**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	260	33	333.3	0	78	50	150	0			
Aroclor 1260	280	33	333.3	0	84	50	150	0			

Qualifiers:
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CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **010615LCSS1** Batch ID: **P01VOCS095** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/15/01** Prep Date:

LCS SeqNo: **148935**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	100	5.0	100	0	101	30	150	0			
1,1,2,2-Tetrachloroethane	100	5.0	100	0	103	30	150	0			
1,1,2-Trichloroethane	110	5.0	100	0	111	30	150	0			
1,1-Dichloroethane	110	5.0	100	0	107	30	150	0			
1,1-Dichloroethene	98	5.0	100	0	98	30	150	0			
1,2-Dichlorobenzene	110	5.0	100	0	106	30	150	0			
1,2-Dichloroethane	100	5.0	100	0	104	30	150	0			
1,2-Dichloropropane	110	5.0	100	0	108	30	150	0			
1,3-Dichlorobenzene	110	5.0	100	0	105	30	150	0			
1,4-Dichlorobenzene	110	5.0	100	0	106	30	150	0			
Benzene	110	5.0	100	0	109	30	150	0			
Bromodichloromethane	110	5.0	100	0	108	30	150	0			
Bromoform	120	5.0	100	0	115	30	150	0			
Bromomethane	96	5.0	100	0	96	30	150	0			
Carbon tetrachloride	110	5.0	100	0	105	30	150	0			
Chlorobenzene	110	5.0	100	0	105	30	150	0			
Chloroethane	100	5.0	100	0	101	30	150	0			
Chloroform	100	5.0	100	0	100	30	150	0			
Chloromethane	86	5.0	100	0	86	30	150	0			
cis-1,3-Dichloropropene	120	5.0	100	0	117	30	150	0			
Ethylbenzene	110	5.0	100	0	108	30	150	0			
m,p-Xylene	220	5.0	200	0	108	30	150	0			
Methylene chloride	110	5.0	100	0	111	30	150	0			
o-Xylene	110	5.0	100	0	107	30	150	0			
Tetrachloroethene	110	5.0	100	0	107	30	150	0			
Toluene	110	5.0	100	0	111	30	150	0			
trans-1,2-Dichloroethene	110	5.0	100	0	110	30	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Trichloroethene	110	5.0	100	0	109	30	150	0
Trichlorofluoromethane	87	5.0	100	0	87	30	150	0
Vinyl chloride	91	5.0	100	0	91	30	150	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **010618LCSS1** Batch ID: **P01VOCS096** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date:

LCS SeqNo: **149288**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	120	5.0	100	0	117	30	150	0			
1,1,2,2-Tetrachloroethane	93	5.0	100	0	93	30	150	0			
1,1,2-Trichloroethane	110	5.0	100	0	112	30	150	0			
1,1-Dichloroethane	120	5.0	100	0	119	30	150	0			
1,1-Dichloroethene	110	5.0	100	0	112	30	150	0			
1,2-Dichlorobenzene	100	5.0	100	0	100	30	150	0			
1,2-Dichloroethane	110	5.0	100	0	108	30	150	0			
1,2-Dichloropropane	110	5.0	100	0	111	30	150	0			
1,3-Dichlorobenzene	100	5.0	100	0	101	30	150	0			
1,4-Dichlorobenzene	100	5.0	100	0	103	30	150	0			
Benzene	110	5.0	100	0	114	30	150	0			
Bromodichloromethane	110	5.0	100	0	114	30	150	0			
Bromoform	110	5.0	100	0	110	30	150	0			
Bromomethane	110	5.0	100	0	115	30	150	0			
Carbon tetrachloride	120	5.0	100	0	118	30	150	0			
Chlorobenzene	110	5.0	100	0	108	30	150	0			
Chloroethane	110	5.0	100	0	112	30	150	0			
Chloroform	110	5.0	100	0	111	30	150	0			
Chloromethane	100	5.0	100	0	100	30	150	0			
cis-1,3-Dichloropropene	120	5.0	100	0	118	30	150	0			
Ethylbenzene	110	5.0	100	0	110	30	150	0			
m,p-Xylene	220	5.0	200	0	112	30	150	0			
Methylene chloride	110	5.0	100	0	111	30	150	0			
o-Xylene	110	5.0	100	0	111	30	150	0			
Tetrachloroethene	110	5.0	100	0	110	30	150	0			
Toluene	120	5.0	100	0	119	30	150	0			
trans-1,2-Dichloroethene	110	5.0	100	0	112	30	150	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051656
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Trichloroethene	110	5.0	100	0	114	30	150	0
Trichlorofluoromethane	110	5.0	100	0	107	30	150	0
Vinyl chloride	110	5.0	100	0	107	30	150	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

American Environmental Testing Laboratory Inc.

2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • AETLAB@AOL.COM

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90807

Telephone: (562)989-4045
Attention: Diane Galvan

Number of Pages 7
Date Received 06/18/2001
Date Reported 06/27/2001

Job Number	Order Date	Client
19134	06/18/2001	ATL

Project ID: 051656

Enclosed please find results of analyses of 11 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: Gary Morelli

Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director

#6998 P.003/008

Advanced Technology Laboratorie
3275 Walnut Street
Signal Hill, California 90807-
(562) 989-4045

SUB CHAIN-OF-CUSTODY RECORD

19134

Subcontractor:
AETL
2834 North Naomi Street
Burbank, CA 91504

TEL: (818) 845-8200
FAX: (818) 845-8840
Acct #:

QClevel: CT-TR1

15-Jun-01

Sample ID	Matrix	Collection Date	Bottle Type	8310 EPA ~~8100~~	Requested Tests				
051656-004A \ E30-L	Soil	06/14/2001	TUBE	1			AE100244		
051656-007A \ E32C-0	Soil	06/14/2001	TUBE	1			AE100245		
051656-008A \ E32L-0	Soil	06/14/2001	TUBE	1			AE100246		
051656-011A \ E34L-0	Soil	06/14/2001	TUBE	1			AE100247		
051656-015A \ E36L-0	Soil	06/14/2001	TUBE	1			AE100248		
051656-016A \ E36C-0	Soil	06/14/2001	TUBE	1			AE100249		
051656-019A \ E38L-0	Soil	06/14/2001	TUBE	1			AE100250		
051656-025A \ MD11-0	Soil	06/14/2001	TUBE	1			AE100251		
051656-026A \ MD11-0.3	Soil	06/14/2001	TUBE	1			AE100252		
051656-029A \ MD13-0	Soil	06/14/2001	TUBE	1			AE100253		
051656-030A \ MD13-1	Soil	06/14/2001	TUBE	1			AE100254		

Comments: Please use PO#: 21427. Please fax results by: 06-21-01. Return signed copy to FAX 562-989-4040.

	Date/Time		Date/Time
Relinquished by: AM	6/18/01	**Received by:**	6/18/01 · 13:15
Relinquished by:		**Received by:**	

AETL
JUN.27'2001 13:12 818 845 9840

American Environmental Testing Laboratory Inc.

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ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90807

Telephone: (562)989-4045
Attn: Diane Galvan

Page: 2
Project ID: 051656

AETL Job Number	Submitted	Client
19134	06/18/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06192001 / 06192001

Our Lab I.D.							
Client Sample I.D.			Method Blank				
Date Sampled			06/14/2001				
Date Prepared			06/19/2001				
Preparation Method			3550B				
Date Analyzed			06/26/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.010	0.020	ND				
Benzo(a)pyrene	0.010	0.020	ND				
Benzo(b)fluoranthene	0.010	0.020	ND				
Benzo(k)fluoranthene	0.010	0.020	ND				
Chrysene	0.010	0.020	ND				
Dibenzo(a,h)anthracene	0.010	0.020	ND				
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND				
Acenaphthene	0.010	0.020	ND				
Acenaphthylene	0.010	0.020	ND				
Anthracene	0.010	0.020	ND				
Benzo(ghi)perylene	0.010	0.020	ND				
Fluoranthene	0.010	0.020	ND				
Fluorene	0.010	0.020	ND				
Naphthalene	0.010	0.020	ND				
Phenanthrene	0.010	0.020	ND				
Pyrene	0.010	0.020	ND				

Our Lab I.D.							
Surrogates	**Con.Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		97				

American Environmental Testing Laboratory Inc.

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ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90807

Telephone: (562)989-4045
Attn: Diane Galvan

Page: 3
Project ID: 051656

AETL Job Number	Submitted	Client
19134	06/18/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06192001 / 06192001

Our Lab I.D.			AE100244				
Client Sample I.D.			051656-004A				
Date Sampled			06/14/2001				
Date Prepared			06/19/2001				
Preparation Method			3550B				
Date Analyzed			06/24/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			2				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.020	0.040	ND				
Benzo(a)pyrene	0.020	0.040	ND				
Benzo(b)fluoranthene	0.020	0.040	0.026J				
Benzo(k)fluoranthene	0.020	0.040	ND				
Chrysene	0.020	0.040	0.024J				
Dibenzo(a,h)anthracene	0.020	0.040	ND				
Indeno(1,2,3-cd)pyrene	0.020	0.040	ND				
Acenaphthene	0.020	0.040	ND				
Acenaphthylene	0.020	0.040	ND				
Anthracene	0.020	0.040	ND				
Benzo(ghi)perylene	0.020	0.040	ND				
Fluoranthene	0.020	0.040	0.054				
Fluorene	0.020	0.040	ND				
Naphthalene	0.020	0.040	ND				
Phenanthrene	0.020	0.040	0.067				
Pyrene	0.020	0.040	0.048				

Our Lab I.D.			AE100244				
Surrogates	**Con.Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		78				

JUN.27'2001 13:13 818 845 8840 AETL #6998 P.005/008

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ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90807

Telephone: (562)989-4045
Attn: Diane Galvan

Page: 4
Project ID: 051656

AETL Job Number	Submitted	Client
19134	06/18/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06192001 / 06192001

Our Lab I.D.			AE100245	AE100246			
Client Sample I.D.			051656-007A	051656-008A			
Date Sampled			06/14/2001	06/14/2001			
Date Prepared			06/19/2001	06/19/2001			
Preparation Method			3550B	3550B			
Date Analyzed			06/24/2001	06/25/2001			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			1	1			
Analytes	**MDL**	**PQL**	**Results**	**Results**			
Benzo(a)anthracene	0.010	0.020	ND	ND			
Benzo(a)pyrene	0.010	0.020	ND	0.018J			
Benzo(b)fluoranthene	0.010	0.020	ND	0.024			
Benzo(k)fluoranthene	0.010	0.020	ND	0.010J			
Chrysene	0.010	0.020	ND	0.016J			
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND			
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND	ND			
Acenaphthene	0.010	0.020	ND	0.015J			
Acenaphthylene	0.010	0.020	ND	ND			
Anthracene	0.010	0.020	ND	ND			
Benzo(ghi)perylene	0.010	0.020	ND	ND			
Fluoranthene	0.010	0.020	0.012J	0.059			
Fluorene	0.010	0.020	ND	0.012J			
Naphthalene	0.010	0.020	ND	0.028			
Phenanthrene	0.010	0.020	0.020	0.086			
Pyrene	0.010	0.020	ND	0.045			

Our Lab I.D.			AE100245	AE100246			
Surrogates	**Con. Limit**		**% Rec.**	**% Rec.**			
p-Terphenyl-D14	75-125		88	82			

JUN.27'2001 13:13 818 845 8840 AETL #6998 P.006/008

American Environmental Testing Laboratory Inc.

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ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90807

Telephone: (562)989-4045
Attn: Diane Galvan

Page: 5
Project ID: 051656

AETL Job Number	Submitted	Client
19134	06/18/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06192001 / 06192001

Our Lab I.D.			AE100247	AE100248	AE100249	AE100250	AE100251
Client Sample I.D.			051656-011A	051656-015A	051656-016A	051656-019A	051656-025A
Date Sampled			06/14/2001	06/14/2001	06/14/2001	06/14/2001	06/14/2001
Date Prepared			06/19/2001	06/19/2001	06/19/2001	06/19/2001	06/19/2001
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			06/25/2001	06/25/2001	06/25/2001	06/25/2001	06/26/2001
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			2	2	2	2	2
Analytes	MDL	PQL	Results	Results	Results	Results	Results
Benzo(a)anthracene	0.020	0.040	ND	ND	ND	ND	ND
Benzo(a)pyrene	0.020	0.040	0.055	ND	0.024J	0.036J	0.121
Benzo(b)fluoranthene	0.020	0.040	0.133	ND	0.035J	0.089	0.148
Benzo(k)fluoranthene	0.020	0.040	0.024J	ND	ND	0.021J	0.044
Chrysene	0.020	0.040	ND	ND	ND	ND	0.073
Dibenzo(a,h)anthracene	0.020	0.040	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.020	0.040	ND	ND	ND	0.042	0.096
Acenaphthene	0.020	0.040	ND	ND	ND	ND	0.026J
Acenaphthylene	0.020	0.040	ND	ND	ND	ND	ND
Anthracene	0.020	0.040	ND	ND	ND	ND	ND
Benzo(ghi)perylene	0.020	0.040	ND	ND	ND	0.080	0.064
Fluoranthene	0.020	0.040	0.135	0.023J	0.101	0.099	0.269
Fluorene	0.020	0.040	ND	ND	ND	ND	ND
Naphthalene	0.020	0.040	0.139	ND	ND	0.026J	0.037J
Phenanthrene	0.020	0.040	0.183	0.040	0.104	0.088	0.306
Pyrene	0.020	0.040	0.123	ND	0.077	0.144	0.264

Our Lab I.D.			AE100247	AE100248	AE100249	AE100250	AE100251
Surrogates	Con. Limit		% Rec.	% Rec.	% Rec.	% Rec.	% Rec.
p-Terphenyl-D14	75-125		89	87	106	82	80

JUN.27'2001 13:14 818 845 8840 AETL #6998 P.007/008

American Environmental Testing Laboratory Inc.

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ANALYTICAL RESULTS

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90807

Telephone: (562)989-4045
Attn: Diane Galvan

Page: 6
Project ID: 051656

AETL Job Number	Submitted	Client
19134	06/18/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06192001 / 06192001

Our Lab I.D.			AE100252	AE100253	AE100254		
Client Sample I.D.			051656-026A	051656-029A	051656-030A		
Date Sampled			06/14/2001	06/14/2001	06/14/2001		
Date Prepared			06/19/2001	06/19/2001	06/19/2001		
Preparation Method			3550B	3550B	3550B		
Date Analyzed			06/26/2001	06/26/2001	06/26/2001		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			2	2	2		
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**		
Benzo(a)anthracene	0.020	0.040	ND	ND	1.96		
Benzo(a)pyrene	0.020	0.040	0.046	0.054	1.46		
Benzo(b)fluoranthene	0.020	0.040	0.105	0.078	2.20		
Benzo(k)fluoranthene	0.020	0.040	0.024J	0.023J	0.827		
Chrysene	0.020	0.040	0.080	ND	2.25		
Dibenzo(a,h)anthracene	0.020	0.040	ND	ND	0.380		
Indeno(1,2,3-cd)pyrene	0.020	0.040	ND	0.045	0.491		
Acenaphthene	0.020	0.040	ND	ND	0.081		
Acenaphthylene	0.020	0.040	ND	ND	ND		
Anthracene	0.020	0.040	ND	ND	5.60		
Benzo(ghi)perylene	0.020	0.040	ND	0.050	0.628		
Fluoranthene	0.020	0.040	0.128	0.132	13.9		
Fluorene	0.020	0.040	ND	ND	0.403		
Naphthalene	0.020	0.040	0.035J	0.023J	0.060		
Phenanthrene	0.020	0.040	0.152	0.155	1.16		
Pyrene	0.020	0.040	0.130	0.143	10.5		

Comment(s):

AE100254:No surrogate recovery due to matrix interference.

Our Lab I.D.			AE100252	AE100253	AE100254		
Surrogates	**Con. Limit**		**% Rec.**	**% Rec.**	**% Rec.**		
p-Terphenyl-D14	75-125		81	95	0		

JUN.27'2001 13:14 818 845 8840 AETL #6998 P.008/008

June 27, 2001

Mark Hastings
Geocon Environmental
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5900
FAX (925) 371-5915

ELAP No: 1838

RE: Oakland Mole - E8000-06-13

Work Order No.: 051567

Attention: Mark Hastings

Enclosed are the results for sample(s) received on June 09, 2001 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Edgar Caballero
Laboratory Director

This cover letter and a case narrative are an integral part of this analytical report.

CHAIN OF CUSTODY RECORD

Pg ____ of ____

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: ____

Logged By: ____ Date: ____ Time: ____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐
3. CONTAINER INTACT Y☐ N☐
4. SEALED Y☐ N☐
5. # OF SPLS MATCH COC Y☐ N☐
6. PRESERVED Y☐ N☐

Client: Geocon Livermore
Attn: Mark Hasting
Address: 2356 Research Dr
City: Livermore State: Zip Code:
TEL: (925) 371-5900
FAX: ( ) 3715915

Project Name: Oakland Mole
Project #: E8000-06-13
Sampler: (Printed Name) Mark Hasting (Signature)

Relinquished by: (Signature and Printed Name) Mark Hasting Date: Time:
Received by: (Signature and Printed Name) Date: 6/4/01 Time: 10:30
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time:
Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name ____ Date ____
Signature ____

Send Report To:
Attn: ____
Co: ____
Address ____
City ____ State ____ Zip ____

Bill To:
Attn: ____
Co: ____
Address ____
City ____ State ____ Zip ____

Special Instructions/Comments: 48 Hour on metals

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other ____
☐ Return To: ____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested

CIRCLE APPROPRIATE MATRIX

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	8081 / 8082 (Pesticides/PCB-GC)	8260 (Volatiles-GC/MS)	625 / 8270 (BNA-GC/MS)	Metals-Total (CAC-6010 / 7000)	8015M TPH G/BTEX (COMBINATION)	8015M TPH (Diesel-GC)	TPH mo	TAHC 8100	Total Lead	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
		AR2-0	8 Jun	0955	X			X		X	X	X		X							E	1	T	P	C	
		AR2-1,3		0955	X	X		X	X	X	X	X													
		AR4-0		1010	X			X		X	X	X													
		AR4-1,3		1010	X	X		X	X	X	X	X													
		AR1-0,1,3		1045									X												
		DB4-0		1110	X			X		X	X	X													
		DB4-1,3		1110	X	X		X	X	X	X	X													
		DB2-1,3		1126	X	X		X	X	X	X	X													
		DB2-0		1120	X			X		X	X	X													
		DB1-0,1,3		1130									X												

• TAT starts 8 [illegible] following day if samples rec[illegible] after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical [illegible]rkdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=[illegible] J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 [illegible]H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=[illegible] T=$Na_2S_2O_3$

DISTRIBUTION: White with report. Yellow to folder. Pink to submitter.

CHAIN OF CU[illegible]ODY RECORD

[illegible] of ____

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: ____

Logged By: ____ Date: ____ Time: ____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐
3. CONTAINER INTACT Y☐ N☐
4. SEALED Y☐ N☐
5. # OF SPLS MATCH COC Y☐ N☐
6. PRESERVED Y☐ N☐

Client: Geocon Livermore
Attn: MARK HASTING
Address: 2356 Research Dr
City: Livermore State: CA Zip Code:
TEL: (925) 371-5900
FAX: ( ) 371-5915

Project Name: Oakland Mole Project #: E8000-06-13 Sampler: (Printed Name) MARK HASTING (Signature) [signature]

Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) [signature] Date: 6/9/01 Time: 10:30
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name ____ Date ____
Signature ____

Send Report To: Attn: ____ Co: ____ Address ____ City ____ State ____ Zip ____

Bill To: Attn: ____ Co: ____ Address ____ City ____ State ____ Zip ____

Special Instructions/Comments: 48 Hours on metals

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other ____
☐ Return To: ____

* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested

CIRCLE APPROPRIATE MATRIX

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☒ OTHER ____

ITEM	LAB USE ONLY: Batch #: / Lab No.	Sample Description: Sample I.D.	Date	Time	8081 / 8082 (Pesticides/PCB-GC)	8260 (Volatiles-GC/MS) VOCs	625 / 8270 (BNA-GC/MS)	Metals-Total (CAC-6010 / 7000) Metals-22	8015M TPH/BTEX (COMBINATION)	8015M TPH/D (Diesel-GC)	TPHmo (8015)	PAHs (8100)	Total Leaf	SOLID • SOIL • SLUDGE	OIL • SOLVENT • LIQUID	WATER • WASTEWATER	DRINKING WATER	AIR	WIPE • FILTER	OTHER	TAT	Container(s) #	Container(s) Type	PRESERVATION	REMARKS
		PL3-1,3	8 Jun	830	X	X		X	X	X	X	X			X							E	1	T P C	
		PL3-0	8 Jun	830	X			X		X	X	X													
		PL4-0,1,3	8 Jun	0840										X											
		PL2-0,1,3	8 Jun	850										X											
		PL1-1,3	8 Jun	0850	X	X		X	X	X	X	X													
		PL1-0		0850	X			X		X	X	X													
		SS4-1,3,5		0930	X	X		X	X	X	X	X													
		SS4-0		0930	X			X		X	X	X													
		SS3-0,1,3,5		0950										X											
		AR3-0,1,3		0950										X											

• TAT starts 8 a.m. following day if samples received after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2 Workdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=Pint J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 S=H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=NaOH T=$Na_2S_2O_3$

CHAIN OF CUSTODY RECORD

Pg _____ of _____

Advanced Technology Laboratories
1510 E. 33rd Street
Signal Hill, CA 90807
(562) 989-4045 • FAX (562) 989-4040

FOR LABORATORY USE ONLY:

P.O.#: _____

Logged By: _____ Date: _____ Time: _____

Method of Transport: Walk-in ☐ Courier ☐ UPS ☐ FED. EXP. ☐ ATL ☐

Sample Condition Upon Receipt:
1. CHILLED Y☐ N☐ 4. SEALED Y☐ N☐
2. HEADSPACE (VOA) Y☐ N☐ 5. # OF SPLS MATCH COC Y☐ N☐
3. CONTAINER INTACT Y☐ N☐ 6. PRESERVED Y☐ N☐

Client: GeoCon Livermore
Attn:
Address: 2356 Research Dr
City Livermore State CA Zip Code
TEL: (925) 371-5900
FAX: ( ) 371-5915

Project Name: Oak Land Mole Project #: E8000-06-13 Sampler: (Printed Name) MARK HASTING (Signature)

Relinquished by: (Signature and Printed Name) MARK HASTING Date: Time: Received by: (Signature and Printed Name) Date: 6/9/01 Time: 10:30
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:
Relinquished by: (Signature and Printed Name) Date: Time: Received by: (Signature and Printed Name) Date: Time:

I hereby authorize ATL to perform the work indicated below:
Project Mgr /Submitter:
Print Name Date
Signature

Send Report To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Bill To:
Attn: _____
Co: _____
Address _____
City _____ State _____ Zip _____

Special Instructions/Comments:
See PG1

Unless otherwise requested, all samples will be disposed 45 days after receipt.

Sample Archive/Disposal:
☐ Laboratory Standard
☐ Other _____
☐ Return To: _____
* $10.00 FEE PER HAZARDOUS SAMPLE DISPOSAL.

Circle or Add Analysis(es) Requested

CIRCLE APPROPRIATE MATRIX: SOLID (SOIL) • SLUDGE • OIL • SOLVENT • LIQUID • WATER • WASTEWATER • DRINKING WATER • AIR • WIPE • FILTER • OTHER

PRESERVATION

QA/QC: RTNE ☐ RWQCB ☐ WIP ☐ NAVY ☐ CT ☐ OTHER _____

ITEM	LAB USE ONLY: Batch # / Lab No.	Sample Description: Sample I.D.	Date	Time	8081 / 8082 Pesticides/PCB (GC)	8260 (Volatiles-GC/MS)	625 / 8270 (BNA-GC/MS)	Metals-Total (CAC-6010/7000)	8015M TPH-GRO/BTEX (COMBINATION)	8015M TPH-D (Diesel-GC)	TPH-mo	PAH	TOTAL Lead	TAT	Container(s) #	Container(s) Type	REMARKS
		DB3-0,1,3	8/09	1230									X	E	1	T+D	C
		MD15		1250	X	X	X	X	X	X	X	X					
		UT16-1,3		1300	X	X		X	X	X	X	X					
		UT16-0		1310	X			X		X	X	X					
		UT17-0,1,3,5		1310									X				
		UT18-0		1320	X			X		X	X	X					
		UT18-1,3,5		1330	X	X		X	X	X	X	X					
		MD17-0,1		1400	X	X		X	X	X	X	X					
		MD18-0,1		1415									X				
		MD16-0,1		1420									X				

• TAT starts 8 [illegible]ollowing day if samples rec[illegible] after 5 p.m.

TAT: A= Overnight ≤ 24 hr B= Emergency Next workday C= Critical 2[illegible]kdays D= Urgent 3 Workdays E= Routine 7 Workdays

Container Types: T=Tube V=VOA L=Liter P=P[illegible] J=Jar B=Tedlar G=Glass P=Plastic M=Metal

Preservatives: H=Hcl N=HNO_3 [illegible] H_2SO_4 C=4°C Z=$Zn(AC)_2$ O=[illegible] T=$Na_2S_2O_3$

DISTRIBUTION: White with report - Yellow to folder - Pink to submitter

Diane

From: Geocon - East Bay Office (Livermore) [geoconeb@jps.net]
Sent: Wednesday, June 20, 2001 12:18 PM
To: Diane (ATL)
Subject: Additional analysis for Oakland Mole

Diane,

Attached is a list of additional TCLP and WET test that we would like performed.

Let me know if there are any problems.

Thanks.

Mark

Lab ID	Sample ID	Depth	Constituents	Total (mg/kg)
		For Wet Test		
051567-025A	AR2	0.3	Lead	280
051567-026A	AR2	0.9	Lead	140
051567-027A	AR4	0	Lead	330
051567-028A	AR4	0.3	Cadmium	16
051567-028A	AR4	0.3	Chromium	60
051567-028A	AR4	0.3	Copper	1700
051567-038A	DB2	0	Lead	360
051567-037A	DB2	0.9	Lead	380
051567-034A	DB4	0.3	Lead	66
051567-035A	DB4	0.9	Lead	63
051578-033A	E23AL	0	Lead	170
051578-034A	E23AR	0	Lead	300
051578-037A	E24C	0	Lead	160
051578-036A	E24L	0	Lead	120
051578-035A	E24R	0	Lead	110
051578-043A	E25AL	0	Lead	66
051578-044A	E25AR	0	Lead	100
051578-046A	E26C	0	Lead	57
051578-047A	E26L	0	Lead	62
051578-045A	E26R	0	Lead	70
051578-053A	E27AL	0	Lead	210
051578-054A	E27AR	0	Lead	84
051578-055A	E28R	0	Lead	260
051578-018A	ED2	0	Lead	67
051578-019A	ED2	0.3	Lead	50
051578-027A	ED4	0	Lead	96
051578-028A	ED4	0.3	Lead	54
051578-029A	ED4	0.6	Lead	72
051578-001A	MD1	0	Lead	130
051578-002A	MD1	0.3	Lead	120
051578-005A	MD3	0	Lead	70
051578-006A	MD3	0.3	Lead	110
051578-007A	MD3	0.9	Lead	120
051578-010A	MD5	0	Lead	66
051578-020A	MD7	0	Lead	230
051578-021A	MD7	0.3	Lead	320
051578-022A	MD7	0.6	Lead	150
051578-058A	MD9	0	Lead	130
051578-059A	MD9	0.3	Chromium	54
051578-059A	MD9	0.3	Lead	320
051578-060A	MD9	0.9	Lead	130
051567-045A	MD15	0	Lead	230

051578-063A	MD15	0.3	Lead	81
051578-064A	MD15	0.9	Arsenic	140
051578-064A	MD15	0.9	Lead	110
051567-057A	MD17	0	Lead	200
051567-001A	PL3	0	Lead	68
051539-004A	SS2	0	Lead	260
051539-005A	SS2	0.3	Lead	260
051539-006A	SS2	0.9	Lead	180
051567-016A	SS4	0	Chromium	460
051567-016A	SS4	0	Copper	2100
051567-016A	SS4	0	Nickel	820
051567-013A	SS4	0.3	Chromium	78
051567-013A	SS4	0.3	Copper	1800
051567-015A	SS4	0.9	Copper	250
051539-011A	UT2	0	Lead	130
051539-012A	UT2	0.3	Lead	210
051539-013A	UT2	0.9	Lead	400
051539-019A	UT4	0.3	Lead	180
051539-020A	UT4	0.9	Lead	160
051539-024A	UT6	0	Lead	110
051539-025A	UT6	0.3	Lead	420
051539-031A	UT14	0	Chromium	57
051567-048A	UT16	0	Chromium	62
051567-046A	UT16	0.3	Chromium	62
051567-047A	UT16	0.9	Lead	120
051567-053A	UT18	0	Lead	200
051567-054A	UT18	0.3	Lead	62
051567-056A	UT18	1.5	Lead	180
051567-030A	AR1	0	Lead	290
051567-031A	AR1	0.3	Lead	170
051567-032A	AR1	0.9	Lead	250
051567-022A	AR3	0.3	Lead	390
051567-039A	DB1	0	Lead	690
051578-032A	E23C	0	Lead	91
051578-031A	E23L	0	Lead	230
051578-030A	E23R	0	Lead	280
051578-038A	E24AL	0	Lead	78
051578-039A	E24AR	0	Lead	140
051578-042A	E25C	0	Lead	66
051578-041A	E25L	0	Lead	55
051578-040A	E25R	0	Lead	80
051578-048A	E26AL	0	Lead	51
051578-049A	E26AR	0	Lead	160
051578-052A	E27C	0	Lead	50

051578-050A	E27L	0 Lead	87
051578-051A	E27R	0 Lead	110
051578-012A	ED1	0 Lead	120
051578-013A	ED1	0.3 Lead	120
051578-014A	ED1	0.6 Lead	73
051578-023A	ED3	0 Lead	57
051578-024A	ED3	0.3 Lead	62
051578-003A	MD2	0 Lead	76
051578-008A	MD4	0 Lead	57
051578-009A	MD4	0.3 Lead	55
051578-015A	MD6	0 Lead	52
051578-017A	MD6	0.6 Lead	130
051578-025A	MD8	0 Lead	95
051567-061A	MD16	0 Lead	67
051567-059A	MD18	0 Lead	150
051567-060A	MD18	0.3 Lead	120
051567-005A	PL4	0.3 Lead	50
051567-006A	PL4	0.9 Lead	60
051539-001A	SS1	0 Lead	74
051539-003A	SS1	0.3 Lead	160
051567-017A	SS3	0 Lead	140
051567-018A	SS3	0.3 Lead	460
051539-007A	UT1	0 Lead	110
051539-008A	UT1	0.3 Lead	670
051539-009A	UT1	0.9 Lead	900
051539-014A	UT3	0 Lead	94
051539-015A	UT3	0.3 Lead	52
051539-022A	UT5	0.3 Lead	350
051539-023A	UT5	0.9 Lead	110
051567-049A	UT17	0 Lead	62
	For TCLP Analysis		
051567-028A	AR4	0.3 Lead	3500
051567-036A	DB2	0.3 Lead	1500
051567-016A	SS4	0 Lead	6400
051567-013A	SS4	0.3 Lead	2400
051567-014A	SS4	0.9 Lead	1100
051567-021A	AR3	0 Lead	1700
051567-046A	DB1	0.3 Lead	1500

CLIENT: Geocon Environmental
Project: Oakland Mole - E8000-06-13
Lab Order: 051567

CASE NARRATIVE

Samples for PAH's were subcontracted to AETL with DOHS Cert. #1541.

Samples 051567-001A, 051567-002A, 051567-003A, 051567-010A, 051567-011A, 051567-012A, 051567-013A, 051567-014A, 051567-015A, 051567-016A, 051567-024A, 051567-025A, 051567-026A, 051567-027A, 051567-028A, 051567-029A, 051567-033A, 051567-034A, 051567-035A, 051567-036A, 051567-037A, 051567-038A, 051567-045A, 051567-046A, 051567-047A, 051567-048A, 051567-053A, 051567-054A, 051567-055A, 051567-056A, 051567-057A and 051567-058A contain hydrocarbons heavier than Diesel. Quantitation is based on a Diesel standard.

Samples 051567-001A, 051567-002A, 051567-003A, 051567-010A, 051567-011A, 051567-012A, 051567-013A, 051567-014A, 051567-015A, 051567-016A, 051567-024A, 051567-025A, 051567-026A, 051567-027A, 051567-028A, 051567-029A, 051567-033A, 051567-034A, 051567-035A, 051567-036A, 051567-037A, 051567-038A, 051567-045A, 051567-046A, 051567-047A, 051567-048A, 051567-053A, 051567-054A, 051567-055A, 051567-056A, 051567-057A and 051567-058A contain hydrocarbons within the Motor Oil range. Quantitation is based on a Motor Oil standard.

Samples 051567-003A, 051567-012A, 051567-013A, 051567-014A, 051567-016A, 051567-024A, 051567-025A, 051567-026A, 051567-027A, 051567-028A, 051567-029A, 051567-033A, 051567-034A, 051567-035A, 051567-036A, 051567-037A, 051567-038A, 051567-045A, 051567-046A, 051567-047A, 051567-048A, 051567-055A and 051567-057A were diluted for Method 8081/8082, due to matrix interference.

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL3-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:30:00 AM
Lab ID:	051567-001A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/17/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/17/01
4,4'-DDT	ND	4.0		µg/Kg	1.0	6/17/01
Aldrin	ND	2.0		µg/Kg	1.0	6/17/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/17/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/17/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/17/01
Chlordane	ND	17		µg/Kg	1.0	6/17/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/17/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/17/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/17/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/17/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/17/01
Endrin	ND	4.0		µg/Kg	1.0	6/17/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/17/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/17/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/17/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/17/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/17/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/17/01
Methoxychlor	ND	17		µg/Kg	1.0	6/17/01
Toxaphene	ND	170		µg/Kg	1.0	6/17/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/17/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/17/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: PL3-1
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 8:30:00 AM
Lab ID: 051567-001A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612B** BatchID: **P01VOCS089**				PrepDate:		Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: PL3-1
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 8:30:00 AM
Lab ID: 051567-001A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612B** BatchID: **P01VOCS089**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL3-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:30:00 AM
Lab ID:	051567-001A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010613C** BatchID: **4579**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	530	100		mg/Kg	100	6/14/01
Motor Oil	3000	100		mg/Kg	100	6/14/01
GASOLINE RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC2_010612A** BatchID: **E018G20S123**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
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E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: PL3-3
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 8:30:00 AM
Lab ID: 051567-002A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/17/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/17/01
4,4'-DDT	ND	4.0		µg/Kg	1.0	6/17/01
Aldrin	ND	2.0		µg/Kg	1.0	6/17/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/17/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/17/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/17/01
Chlordane	ND	17		µg/Kg	1.0	6/17/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/17/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/17/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/17/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/17/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/17/01
Endrin	ND	4.0		µg/Kg	1.0	6/17/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/17/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/17/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/17/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/17/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/17/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/17/01
Methoxychlor	ND	17		µg/Kg	1.0	6/17/01
Toxaphene	ND	170		µg/Kg	1.0	6/17/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/17/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/17/01

Qualifiers:
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E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL3-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:30:00 AM
Lab ID:	051567-002A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010612B** BatchID: **P01VOCS089** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

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DO - Surrogate Diluted Out
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E - Value above quantitation range
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Lab ID: 051567-002A

Client Sample ID: PL3-3
Collection Date: 6/8/01 8:30:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612B** BatchID: **P01VOCS089**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out
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Initials:

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL3-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:30:00 AM
Lab ID:	051567-002A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010613C** BatchID: **4579**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	80	10		mg/Kg	10	6/14/01
Motor Oil	410	10		mg/Kg	10	6/14/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612A** BatchID: **E018G20S123**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

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DO - Surrogate Diluted Out
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: PL3-0
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 8:30:00 AM
Lab ID: 051567-003A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	80		µg/Kg	20	6/17/01
4,4'-DDE	ND	80		µg/Kg	20	6/17/01
4,4'-DDT	ND	80		µg/Kg	20	6/17/01
Aldrin	ND	40		µg/Kg	20	6/17/01
alpha-BHC	ND	40		µg/Kg	20	6/17/01
alpha-Chlordane	ND	80		µg/Kg	20	6/17/01
beta-BHC	ND	40		µg/Kg	20	6/17/01
Chlordane	ND	340		µg/Kg	20	6/17/01
delta-BHC	ND	40		µg/Kg	20	6/17/01
Dieldrin	ND	80		µg/Kg	20	6/17/01
Endosulfan I	ND	40		µg/Kg	20	6/17/01
Endosulfan II	ND	80		µg/Kg	20	6/17/01
Endosulfan sulfate	ND	80		µg/Kg	20	6/17/01
Endrin	ND	80		µg/Kg	20	6/17/01
Endrin aldehyde	ND	80		µg/Kg	20	6/17/01
Endrin ketone	ND	80		µg/Kg	20	6/17/01
gamma-BHC	ND	40		µg/Kg	20	6/17/01
gamma-Chlordane	ND	80		µg/Kg	20	6/17/01
Heptachlor	ND	40		µg/Kg	20	6/17/01
Heptachlor epoxide	ND	40		µg/Kg	20	6/17/01
Methoxychlor	ND	340		µg/Kg	20	6/17/01
Toxaphene	ND	3400		µg/Kg	20	6/17/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	660		µg/Kg	20	6/17/01
Aroclor 1221	ND	1300		µg/Kg	20	6/17/01
Aroclor 1232	ND	660		µg/Kg	20	6/17/01
Aroclor 1242	ND	660		µg/Kg	20	6/17/01
Aroclor 1248	ND	660		µg/Kg	20	6/17/01
Aroclor 1254	ND	660		µg/Kg	20	6/17/01
Aroclor 1260	ND	660		µg/Kg	20	6/17/01
Aroclor 1262	ND	660		µg/Kg	20	6/17/01
Aroclor 1268	ND	660		µg/Kg	20	6/17/01

Qualifiers:
ND - Not Detected at the Reporting Limit
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DO - Surrogate Diluted Out
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E - Value above quantitation range
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Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL3-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:30:00 AM
Lab ID:	051567-003A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010613C** BatchID: **4579**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	610	100		mg/Kg	100	6/14/01
Motor Oil	4800	100		mg/Kg	100	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.

H - Samples exceeding analytical holding time

E - Value above quantitation range

M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: PL1-1
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 8:59:00 AM
Lab ID: 051567-010A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/16/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/16/01
4,4'-DDT	ND	4.0		µg/Kg	1.0	6/16/01
Aldrin	ND	2.0		µg/Kg	1.0	6/16/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/16/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/16/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/16/01
Chlordane	ND	17		µg/Kg	1.0	6/16/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/16/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/16/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/16/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/16/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/16/01
Endrin	ND	4.0		µg/Kg	1.0	6/16/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/16/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/16/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/16/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/16/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/16/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/16/01
Methoxychlor	ND	17		µg/Kg	1.0	6/16/01
Toxaphene	ND	170		µg/Kg	1.0	6/16/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/16/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/16/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/16/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/16/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/16/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/16/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/16/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/16/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/16/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: [illegible]

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL1-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:59:00 AM
Lab ID:	051567-010A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010612B** BatchID: **P01VOCS089** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.

H - Samples exceeding analytical holding time

E - Value above quantitation range

M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL1-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:59:00 AM
Lab ID:	051567-010A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010612B** BatchID: **P01VOCS089** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL1-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:59:00 AM
Lab ID:	051567-010A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010613C** BatchID: **4579**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	4.4	1.0		mg/Kg	1.0	6/14/01
Motor Oil	6.7	1.0		mg/Kg	1.0	6/14/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612A** BatchID: **E018G20S123**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

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DO - Surrogate Diluted Out
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: PL1-3
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 8:59:00 AM
Lab ID: 051567-011A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/16/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/16/01
4,4'-DDT	ND	4.0		µg/Kg	1.0	6/16/01
Aldrin	ND	2.0		µg/Kg	1.0	6/16/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/16/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/16/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/16/01
Chlordane	ND	17		µg/Kg	1.0	6/16/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/16/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/16/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/16/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/16/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/16/01
Endrin	ND	4.0		µg/Kg	1.0	6/16/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/16/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/16/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/16/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/16/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/16/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/16/01
Methoxychlor	ND	17		µg/Kg	1.0	6/16/01
Toxaphene	ND	170		µg/Kg	1.0	6/16/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/16/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/16/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/16/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/16/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/16/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/16/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/16/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/16/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/16/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out
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H - Samples exceeding analytical holding time
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Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL1-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:59:00 AM
Lab ID:	051567-011A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010612B** BatchID: **P01VOCS089** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL1-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:59:00 AM
Lab ID:	051567-011A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612B** BatchID: **P01VOCS089**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL1-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:59:00 AM
Lab ID:	051567-011A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010613C** BatchID: **4579**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	4.4	1.0		mg/Kg	1.0	6/14/01
Motor Oil	14	1.0		mg/Kg	1.0	6/14/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612A** BatchID: **E018G20S123**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- DO - Surrogate Diluted Out
- S - Spike/Surrogate outside of limits due to matrix interference.
- H - Samples exceeding analytical holding time
- E - Value above quantitation range
- M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Lab ID: 051567-012A

Client Sample ID: PL1-0
Collection Date: 6/8/01 8:59:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD		**EPA 8081A**				
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/17/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/17/01
4,4'-DDT	ND	8.0		µg/Kg	2.0	6/17/01
Aldrin	ND	4.0		µg/Kg	2.0	6/17/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/17/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/17/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/17/01
Chlordane	ND	34		µg/Kg	2.0	6/17/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/17/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/17/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/17/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/17/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/17/01
Endrin	ND	8.0		µg/Kg	2.0	6/17/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/17/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/17/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/17/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/17/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/17/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/17/01
Methoxychlor	ND	34		µg/Kg	2.0	6/17/01
Toxaphene	ND	340		µg/Kg	2.0	6/17/01
PCB BY GC/ECD		**EPA 8082**				
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/17/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/17/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/17/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/17/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/17/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/17/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/17/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/17/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/17/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL1-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:59:00 AM
Lab ID:	051567-012A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010613C** BatchID: **4579**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	13	1.0		mg/Kg	1.0	6/14/01
Motor Oil	45	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

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Initials: _____

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-013A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	20		µg/Kg	5.0	6/17/01
4,4'-DDE	ND	20		µg/Kg	5.0	6/17/01
4,4'-DDT	ND	20		µg/Kg	5.0	6/17/01
Aldrin	ND	10		µg/Kg	5.0	6/17/01
alpha-BHC	ND	10		µg/Kg	5.0	6/17/01
alpha-Chlordane	ND	20		µg/Kg	5.0	6/17/01
beta-BHC	ND	10		µg/Kg	5.0	6/17/01
Chlordane	ND	85		µg/Kg	5.0	6/17/01
delta-BHC	ND	10		µg/Kg	5.0	6/17/01
Dieldrin	ND	20		µg/Kg	5.0	6/17/01
Endosulfan I	ND	10		µg/Kg	5.0	6/17/01
Endosulfan II	ND	20		µg/Kg	5.0	6/17/01
Endosulfan sulfate	ND	20		µg/Kg	5.0	6/17/01
Endrin	ND	20		µg/Kg	5.0	6/17/01
Endrin aldehyde	ND	20		µg/Kg	5.0	6/17/01
Endrin ketone	ND	20		µg/Kg	5.0	6/17/01
gamma-BHC	ND	10		µg/Kg	5.0	6/17/01
gamma-Chlordane	ND	20		µg/Kg	5.0	6/17/01
Heptachlor	ND	10		µg/Kg	5.0	6/17/01
Heptachlor epoxide	ND	10		µg/Kg	5.0	6/17/01
Methoxychlor	ND	85		µg/Kg	5.0	6/17/01
Toxaphene	ND	850		µg/Kg	5.0	6/17/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	160		µg/Kg	5.0	6/17/01
Aroclor 1221	ND	340		µg/Kg	5.0	6/17/01
Aroclor 1232	ND	160		µg/Kg	5.0	6/17/01
Aroclor 1242	ND	160		µg/Kg	5.0	6/17/01
Aroclor 1248	ND	160		µg/Kg	5.0	6/17/01
Aroclor 1254	ND	160		µg/Kg	5.0	6/17/01
Aroclor 1260	ND	160		µg/Kg	5.0	6/17/01
Aroclor 1262	ND	160		µg/Kg	5.0	6/17/01
Aroclor 1268	ND	160		µg/Kg	5.0	6/17/01

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: (B)

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-013A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010612B** BatchID: **P01VOCS089** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-013A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010612B** BatchID: **P01VOCS089** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
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Initials: ____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-013A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010613C** BatchID: **4579**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	870	20		mg/Kg	20	6/16/01
Motor Oil	2300	20		mg/Kg	20	6/16/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612A** BatchID: **E018G20S123**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

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J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Lab ID: 051567-014A

Client Sample ID: SS4-3
Collection Date: 6/8/01 9:30:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	20		µg/Kg	5.0	6/17/01
4,4'-DDE	ND	20		µg/Kg	5.0	6/17/01
4,4'-DDT	ND	20		µg/Kg	5.0	6/17/01
Aldrin	ND	10		µg/Kg	5.0	6/17/01
alpha-BHC	ND	10		µg/Kg	5.0	6/17/01
alpha-Chlordane	ND	20		µg/Kg	5.0	6/17/01
beta-BHC	ND	10		µg/Kg	5.0	6/17/01
Chlordane	ND	85		µg/Kg	5.0	6/17/01
delta-BHC	ND	10		µg/Kg	5.0	6/17/01
Dieldrin	ND	20		µg/Kg	5.0	6/17/01
Endosulfan I	ND	10		µg/Kg	5.0	6/17/01
Endosulfan II	ND	20		µg/Kg	5.0	6/17/01
Endosulfan sulfate	ND	20		µg/Kg	5.0	6/17/01
Endrin	ND	20		µg/Kg	5.0	6/17/01
Endrin aldehyde	ND	20		µg/Kg	5.0	6/17/01
Endrin ketone	ND	20		µg/Kg	5.0	6/17/01
gamma-BHC	ND	10		µg/Kg	5.0	6/17/01
gamma-Chlordane	ND	20		µg/Kg	5.0	6/17/01
Heptachlor	ND	10		µg/Kg	5.0	6/17/01
Heptachlor epoxide	ND	10		µg/Kg	5.0	6/17/01
Methoxychlor	ND	85		µg/Kg	5.0	6/17/01
Toxaphene	ND	850		µg/Kg	5.0	6/17/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	160		µg/Kg	5.0	6/17/01
Aroclor 1221	ND	340		µg/Kg	5.0	6/17/01
Aroclor 1232	ND	160		µg/Kg	5.0	6/17/01
Aroclor 1242	ND	160		µg/Kg	5.0	6/17/01
Aroclor 1248	ND	160		µg/Kg	5.0	6/17/01
Aroclor 1254	ND	160		µg/Kg	5.0	6/17/01
Aroclor 1260	ND	160		µg/Kg	5.0	6/17/01
Aroclor 1262	ND	160		µg/Kg	5.0	6/17/01
Aroclor 1268	ND	160		µg/Kg	5.0	6/17/01

Qualifiers:
ND - Not Detected at the Reporting Limit
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Initials: _____

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-014A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612B** BatchID: **P01VOCS089**			PrepDate:			Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Lab ID: 051567-014A

Client Sample ID: SS4-3
Collection Date: 6/8/01 9:30:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612B** BatchID: **P01VOCS089**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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Initials:

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-014A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010613C** BatchID: **4579**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	570	40		mg/Kg	40	6/14/01
Motor Oil	1900	40		mg/Kg	40	6/14/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612A** BatchID: **E018G20S123**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-5
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-015A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/17/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/17/01
4,4'-DDT	ND	4.0		µg/Kg	1.0	6/17/01
Aldrin	ND	2.0		µg/Kg	1.0	6/17/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/17/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/17/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/17/01
Chlordane	ND	17		µg/Kg	1.0	6/17/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/17/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/17/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/17/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/17/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/17/01
Endrin	ND	4.0		µg/Kg	1.0	6/17/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/17/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/17/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/17/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/17/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/17/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/17/01
Methoxychlor	ND	17		µg/Kg	1.0	6/17/01
Toxaphene	ND	170		µg/Kg	1.0	6/17/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010616A** BatchID: **4609**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/17/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/17/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/17/01

Qualifiers:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-5
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-015A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010612B** BatchID: **P01VOCS089** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

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DO - Surrogate Diluted Out
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Initials: _____

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-5
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-015A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010612B** BatchID: **P01VOCS089** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

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DO - Surrogate Diluted Out
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Initials:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-5
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-015A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010613C** BatchID: **4579**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	390	40		mg/Kg	40	6/14/01
Motor Oil	1700	40		mg/Kg	40	6/14/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612A** BatchID: **E018G20S123**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
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Initials: _____

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-016A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDT	ND	8.0		µg/Kg	2.0	6/18/01
Aldrin	ND	4.0		µg/Kg	2.0	6/18/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/18/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Chlordane	ND	34		µg/Kg	2.0	6/18/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/18/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/18/01
Endrin	ND	8.0		µg/Kg	2.0	6/18/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/18/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/18/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/18/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/18/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/18/01
Methoxychlor	ND	34		µg/Kg	2.0	6/18/01
Toxaphene	ND	340		µg/Kg	2.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/18/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/18/01

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
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Initials:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-016A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010613C** BatchID: **4579**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	61	2.0		mg/Kg	2.0	6/14/01
Motor Oil	250	2.0		mg/Kg	2.0	6/14/01

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- DO - Surrogate Diluted Out
- S - Spike/Surrogate outside of limits due to matrix interference.
- H - Samples exceeding analytical holding time
- E - Value above quantitation range
- M - Not Monitored. Highly Reactive

Initials:

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3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Lab ID: 051567-024A

Client Sample ID: AR2-0
Collection Date: 6/8/01 9:55:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDT	ND	8.0		µg/Kg	2.0	6/18/01
Aldrin	ND	4.0		µg/Kg	2.0	6/18/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/18/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Chlordane	ND	34		µg/Kg	2.0	6/18/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/18/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/18/01
Endrin	ND	8.0		µg/Kg	2.0	6/18/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/18/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/18/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/18/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/18/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/18/01
Methoxychlor	ND	34		µg/Kg	2.0	6/18/01
Toxaphene	ND	340		µg/Kg	2.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/18/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/18/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR2-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:55:00 AM
Lab ID:	051567-024A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615A** BatchID: **4580**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	32	5.0		mg/Kg	5.0	6/15/01
Motor Oil	130	5.0		mg/Kg	5.0	6/15/01

Qualifiers:

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR2-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:55:00 AM
Lab ID:	051567-025A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDT	ND	8.0		µg/Kg	2.0	6/18/01
Aldrin	ND	4.0		µg/Kg	2.0	6/18/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/18/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Chlordane	ND	34		µg/Kg	2.0	6/18/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/18/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/18/01
Endrin	ND	8.0		µg/Kg	2.0	6/18/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/18/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/18/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/18/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/18/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/18/01
Methoxychlor	ND	34		µg/Kg	2.0	6/18/01
Toxaphene	ND	340		µg/Kg	2.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/18/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/18/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR2-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:55:00 AM
Lab ID:	051567-025A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010612B** BatchID: **P01VOCS089** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

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J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR2-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:55:00 AM
Lab ID:	051567-025A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612B**	BatchID: **P01VOCS089**			PrepDate:		Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.

H - Samples exceeding analytical holding time

E - Value above quantitation range

M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR2-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:55:00 AM
Lab ID:	051567-025A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615A** BatchID: **4580**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	120	10		mg/Kg	10	6/15/01
Motor Oil	590	10		mg/Kg	10	6/15/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612A** BatchID: **E018G20S123**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

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Initials: _____

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Lab ID: 051567-026A

Client Sample ID: AR2-3
Collection Date: 6/8/01 9:55:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	20		µg/Kg	5.0	6/18/01
4,4'-DDE	ND	20		µg/Kg	5.0	6/18/01
4,4'-DDT	ND	20		µg/Kg	5.0	6/18/01
Aldrin	ND	10		µg/Kg	5.0	6/18/01
alpha-BHC	ND	10		µg/Kg	5.0	6/18/01
alpha-Chlordane	ND	20		µg/Kg	5.0	6/18/01
beta-BHC	ND	10		µg/Kg	5.0	6/18/01
Chlordane	ND	85		µg/Kg	5.0	6/18/01
delta-BHC	ND	10		µg/Kg	5.0	6/18/01
Dieldrin	ND	20		µg/Kg	5.0	6/18/01
Endosulfan I	ND	10		µg/Kg	5.0	6/18/01
Endosulfan II	ND	20		µg/Kg	5.0	6/18/01
Endosulfan sulfate	ND	20		µg/Kg	5.0	6/18/01
Endrin	ND	20		µg/Kg	5.0	6/18/01
Endrin aldehyde	ND	20		µg/Kg	5.0	6/18/01
Endrin ketone	ND	20		µg/Kg	5.0	6/18/01
gamma-BHC	ND	10		µg/Kg	5.0	6/18/01
gamma-Chlordane	ND	20		µg/Kg	5.0	6/18/01
Heptachlor	ND	10		µg/Kg	5.0	6/18/01
Heptachlor epoxide	ND	10		µg/Kg	5.0	6/18/01
Methoxychlor	ND	85		µg/Kg	5.0	6/18/01
Toxaphene	ND	850		µg/Kg	5.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1221	ND	340		µg/Kg	5.0	6/18/01
Aroclor 1232	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1242	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1248	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1254	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1260	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1262	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1268	ND	160		µg/Kg	5.0	6/18/01

Qualifiers:
ND - Not Detected at the Reporting Limit
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DO - Surrogate Diluted Out
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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RA

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR2-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:55:00 AM
Lab ID:	051567-026A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612B** BatchID: **P01VOCS089**			PrepDate:			Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
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Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR2-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:55:00 AM
Lab ID:	051567-026A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612B** BatchID: **P01VOCS089**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR2-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:55:00 AM
Lab ID:	051567-026A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615A** BatchID: **4580**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	73	10		mg/Kg	10	6/15/01
Motor Oil	300	10		mg/Kg	10	6/15/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612A** BatchID: **E018G20S123**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
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Initials:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR4-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:10:00 AM
Lab ID:	051567-027A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	20		µg/Kg	5.0	6/18/01
4,4'-DDE	ND	20		µg/Kg	5.0	6/18/01
4,4'-DDT	20	20		µg/Kg	5.0	6/18/01
Aldrin	ND	10		µg/Kg	5.0	6/18/01
alpha-BHC	ND	10		µg/Kg	5.0	6/18/01
alpha-Chlordane	ND	20		µg/Kg	5.0	6/18/01
beta-BHC	ND	10		µg/Kg	5.0	6/18/01
Chlordane	ND	85		µg/Kg	5.0	6/18/01
delta-BHC	ND	10		µg/Kg	5.0	6/18/01
Dieldrin	ND	20		µg/Kg	5.0	6/18/01
Endosulfan I	ND	10		µg/Kg	5.0	6/18/01
Endosulfan II	ND	20		µg/Kg	5.0	6/18/01
Endosulfan sulfate	ND	20		µg/Kg	5.0	6/18/01
Endrin	ND	20		µg/Kg	5.0	6/18/01
Endrin aldehyde	ND	20		µg/Kg	5.0	6/18/01
Endrin ketone	ND	20		µg/Kg	5.0	6/18/01
gamma-BHC	ND	10		µg/Kg	5.0	6/18/01
gamma-Chlordane	ND	20		µg/Kg	5.0	6/18/01
Heptachlor	ND	10		µg/Kg	5.0	6/18/01
Heptachlor epoxide	ND	10		µg/Kg	5.0	6/18/01
Methoxychlor	ND	85		µg/Kg	5.0	6/18/01
Toxaphene	ND	850		µg/Kg	5.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1221	ND	340		µg/Kg	5.0	6/18/01
Aroclor 1232	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1242	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1248	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1254	620	160		µg/Kg	5.0	6/18/01
Aroclor 1260	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1262	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1268	ND	160		µg/Kg	5.0	6/18/01

Qualifiers:

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Initials:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR4-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:10:00 AM
Lab ID:	051567-027A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010615A** BatchID: **4580**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	320	20		mg/Kg	20	6/15/01
Motor Oil	1000	20		mg/Kg	20	6/15/01

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Initials:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR4-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:10:00 AM
Lab ID:	051567-028A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	20		µg/Kg	5.0	6/18/01
4,4'-DDE	ND	20		µg/Kg	5.0	6/18/01
4,4'-DDT	ND	20		µg/Kg	5.0	6/18/01
Aldrin	ND	10		µg/Kg	5.0	6/18/01
alpha-BHC	ND	10		µg/Kg	5.0	6/18/01
alpha-Chlordane	ND	20		µg/Kg	5.0	6/18/01
beta-BHC	ND	10		µg/Kg	5.0	6/18/01
Chlordane	ND	85		µg/Kg	5.0	6/18/01
delta-BHC	ND	10		µg/Kg	5.0	6/18/01
Dieldrin	ND	20		µg/Kg	5.0	6/18/01
Endosulfan I	ND	10		µg/Kg	5.0	6/18/01
Endosulfan II	ND	20		µg/Kg	5.0	6/18/01
Endosulfan sulfate	ND	20		µg/Kg	5.0	6/18/01
Endrin	ND	20		µg/Kg	5.0	6/18/01
Endrin aldehyde	ND	20		µg/Kg	5.0	6/18/01
Endrin ketone	ND	20		µg/Kg	5.0	6/18/01
gamma-BHC	ND	10		µg/Kg	5.0	6/18/01
gamma-Chlordane	ND	20		µg/Kg	5.0	6/18/01
Heptachlor	ND	10		µg/Kg	5.0	6/18/01
Heptachlor epoxide	ND	10		µg/Kg	5.0	6/18/01
Methoxychlor	ND	85		µg/Kg	5.0	6/18/01
Toxaphene	ND	850		µg/Kg	5.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1221	ND	340		µg/Kg	5.0	6/18/01
Aroclor 1232	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1242	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1248	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1254	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1260	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1262	ND	160		µg/Kg	5.0	6/18/01
Aroclor 1268	ND	160		µg/Kg	5.0	6/18/01

Qualifiers:

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Initials: [illegible]

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR4-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:10:00 AM
Lab ID:	051567-028A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612B** BatchID: **P01VOCS089**				PrepDate:		Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/12/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/12/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/12/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/12/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/12/01
Benzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Bromoform	ND	5.0		µg/Kg	1.0	6/12/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/12/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/12/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/12/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/12/01
Chloroform	ND	5.0		µg/Kg	1.0	6/12/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/12/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/12/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/12/01

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Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: AR4-1
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 10:10:00 AM
Lab ID: 051567-028A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010612B** BatchID: **P01VOCS089**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/12/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/12/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/12/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/12/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Styrene	ND	5.0		µg/Kg	1.0	6/12/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/12/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Toluene	ND	5.0		µg/Kg	1.0	6/12/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/12/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/12/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/12/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out
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Initials:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR4-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:10:00 AM
Lab ID:	051567-028A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615A** BatchID: **4580**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	53	10		mg/Kg	10	6/15/01
Motor Oil	200	10		mg/Kg	10	6/15/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612B** BatchID: **E018G20S124**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
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Initials: _____

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR4-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:10:00 AM
Lab ID:	051567-029A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDT	ND	8.0		µg/Kg	2.0	6/18/01
Aldrin	ND	4.0		µg/Kg	2.0	6/18/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/18/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Chlordane	ND	34		µg/Kg	2.0	6/18/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/18/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/18/01
Endrin	ND	8.0		µg/Kg	2.0	6/18/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/18/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/18/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/18/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/18/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/18/01
Methoxychlor	ND	34		µg/Kg	2.0	6/18/01
Toxaphene	ND	340		µg/Kg	2.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/18/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/18/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR4-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:10:00 AM
Lab ID:	051567-029A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010613B** BatchID: **P01VOCS091**			PrepDate:			Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/13/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/13/01
Benzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Bromoform	ND	5.0		µg/Kg	1.0	6/13/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/13/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/13/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/13/01
Chloroform	ND	5.0		µg/Kg	1.0	6/13/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR4-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:10:00 AM
Lab ID:	051567-029A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010613B** BatchID: **P01VOCS091** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/13/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/13/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/13/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Styrene	ND	5.0		µg/Kg	1.0	6/13/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Toluene	ND	5.0		µg/Kg	1.0	6/13/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR4-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:10:00 AM
Lab ID:	051567-029A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615A** BatchID: **4580**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	22	2.0		mg/Kg	2.0	6/15/01
Motor Oil	130	2.0		mg/Kg	2.0	6/15/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010614A** BatchID: **E018G20S128**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

- ND - Not Detected at the Reporting Limit
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- DO - Surrogate Diluted Out
- S - Spike/Surrogate outside of limits due to matrix interference.
- H - Samples exceeding analytical holding time
- E - Value above quantitation range
- M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB4-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:10:00 AM
Lab ID:	051567-033A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD				**EPA 8081A**		
RunID: **GC9_010619A** BatchID: **4640**				PrepDate: **6/18/01**		Analyst: **GG**
4,4´-DDD	ND	40		µg/Kg	10	6/20/01
4,4´-DDE	ND	40		µg/Kg	10	6/20/01
4,4´-DDT	ND	40		µg/Kg	10	6/20/01
Aldrin	ND	20		µg/Kg	10	6/20/01
alpha-BHC	ND	20		µg/Kg	10	6/20/01
alpha-Chlordane	ND	40		µg/Kg	10	6/20/01
beta-BHC	ND	20		µg/Kg	10	6/20/01
Chlordane	ND	170		µg/Kg	10	6/20/01
delta-BHC	ND	20		µg/Kg	10	6/20/01
Dieldrin	ND	40		µg/Kg	10	6/20/01
Endosulfan I	ND	20		µg/Kg	10	6/20/01
Endosulfan II	ND	40		µg/Kg	10	6/20/01
Endosulfan sulfate	ND	40		µg/Kg	10	6/20/01
Endrin	ND	40		µg/Kg	10	6/20/01
Endrin aldehyde	ND	40		µg/Kg	10	6/20/01
Endrin ketone	ND	40		µg/Kg	10	6/20/01
gamma-BHC	ND	20		µg/Kg	10	6/20/01
gamma-Chlordane	ND	40		µg/Kg	10	6/20/01
Heptachlor	ND	20		µg/Kg	10	6/20/01
Heptachlor epoxide	ND	20		µg/Kg	10	6/20/01
Methoxychlor	ND	170		µg/Kg	10	6/20/01
Toxaphene	ND	1700		µg/Kg	10	6/20/01
PCB BY GC/ECD				**EPA 8082**		
RunID: **GC9_010619A** BatchID: **4640**				PrepDate: **6/18/01**		Analyst: **GG**
Aroclor 1016	ND	330		µg/Kg	10	6/20/01
Aroclor 1221	ND	670		µg/Kg	10	6/20/01
Aroclor 1232	ND	330		µg/Kg	10	6/20/01
Aroclor 1242	ND	330		µg/Kg	10	6/20/01
Aroclor 1248	ND	330		µg/Kg	10	6/20/01
Aroclor 1254	ND	330		µg/Kg	10	6/20/01
Aroclor 1260	ND	330		µg/Kg	10	6/20/01
Aroclor 1262	ND	330		µg/Kg	10	6/20/01
Aroclor 1268	ND	330		µg/Kg	10	6/20/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB4-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:10:00 AM
Lab ID:	051567-033A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615A** BatchID: **4580**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	540	40		mg/Kg	40	6/15/01
Motor Oil	3300	40		mg/Kg	40	6/15/01

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- DO - Surrogate Diluted Out
- S - Spike/Surrogate outside of limits due to matrix interference.
- H - Samples exceeding analytical holding time
- E - Value above quantitation range
- M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Lab ID: 051567-034A

Client Sample ID: DB4-1
Collection Date: 6/8/01 11:10:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDT	ND	8.0		µg/Kg	2.0	6/18/01
Aldrin	ND	4.0		µg/Kg	2.0	6/18/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/18/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Chlordane	ND	34		µg/Kg	2.0	6/18/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/18/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/18/01
Endrin	ND	8.0		µg/Kg	2.0	6/18/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/18/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/18/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/18/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/18/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/18/01
Methoxychlor	ND	34		µg/Kg	2.0	6/18/01
Toxaphene	ND	340		µg/Kg	2.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/18/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/18/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: DB4-1
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 11:10:00 AM
Lab ID: 051567-034A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010613B** BatchID: **P01VOCS091**				PrepDate:		Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/13/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/13/01
Benzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Bromoform	ND	5.0		µg/Kg	1.0	6/13/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/13/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/13/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/13/01
Chloroform	ND	5.0		µg/Kg	1.0	6/13/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB4-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:10:00 AM
Lab ID:	051567-034A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010613B** BatchID: **P01VOCS091** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/13/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/13/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/13/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Styrene	ND	5.0		µg/Kg	1.0	6/13/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Toluene	ND	5.0		µg/Kg	1.0	6/13/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB4-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:10:00 AM
Lab ID:	051567-034A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010617A** BatchID: **4607**				PrepDate: **6/15/01**		Analyst: **AP**
Diesel	25	2.0		mg/Kg	2.0	6/17/01
Motor Oil	130	2.0		mg/Kg	2.0	6/17/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612B** BatchID: **E018G20S124**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/13/01

Qualifiers:

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- B - Analyte detected in the associated Method Blank
- DO - Surrogate Diluted Out
- S - Spike/Surrogate outside of limits due to matrix interference.
- H - Samples exceeding analytical holding time
- E - Value above quantitation range
- M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB4-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:10:00 AM
Lab ID:	051567-035A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDT	ND	8.0		µg/Kg	2.0	6/18/01
Aldrin	ND	4.0		µg/Kg	2.0	6/18/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/18/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Chlordane	ND	34		µg/Kg	2.0	6/18/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/18/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/18/01
Endrin	ND	8.0		µg/Kg	2.0	6/18/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/18/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/18/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/18/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/18/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/18/01
Methoxychlor	ND	34		µg/Kg	2.0	6/18/01
Toxaphene	ND	340		µg/Kg	2.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/18/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/18/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/18/01

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Initials: ____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB4-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:10:00 AM
Lab ID:	051567-035A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010614B** BatchID: **P01VOCS093** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/15/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/15/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/15/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/15/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/15/01
Benzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Bromoform	ND	5.0		µg/Kg	1.0	6/15/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/15/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/15/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/15/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/15/01
Chloroform	ND	5.0		µg/Kg	1.0	6/15/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/15/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/15/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/15/01

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Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB4-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:10:00 AM
Lab ID:	051567-035A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010614B** BatchID: **P01VOCS093**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/15/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/15/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/15/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/15/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Styrene	ND	5.0		µg/Kg	1.0	6/15/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/15/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Toluene	ND	5.0		µg/Kg	1.0	6/15/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/15/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/15/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/15/01

Qualifiers:

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Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB4-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:10:00 AM
Lab ID:	051567-035A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615A** BatchID: **4580**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	22	2.0		mg/Kg	2.0	6/18/01
Motor Oil	65	2.0		mg/Kg	2.0	6/18/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612B** BatchID: **E018G20S124**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

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3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB2-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:26:00 AM
Lab ID:	051567-036A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	80		µg/Kg	20	6/18/01
4,4'-DDE	ND	80		µg/Kg	20	6/18/01
4,4'-DDT	ND	80		µg/Kg	20	6/18/01
Aldrin	ND	40		µg/Kg	20	6/18/01
alpha-BHC	ND	40		µg/Kg	20	6/18/01
alpha-Chlordane	ND	80		µg/Kg	20	6/18/01
beta-BHC	ND	40		µg/Kg	20	6/18/01
Chlordane	ND	340		µg/Kg	20	6/18/01
delta-BHC	ND	40		µg/Kg	20	6/18/01
Dieldrin	ND	80		µg/Kg	20	6/18/01
Endosulfan I	ND	40		µg/Kg	20	6/18/01
Endosulfan II	ND	80		µg/Kg	20	6/18/01
Endosulfan sulfate	ND	80		µg/Kg	20	6/18/01
Endrin	ND	80		µg/Kg	20	6/18/01
Endrin aldehyde	ND	80		µg/Kg	20	6/18/01
Endrin ketone	ND	80		µg/Kg	20	6/18/01
gamma-BHC	ND	40		µg/Kg	20	6/18/01
gamma-Chlordane	ND	80		µg/Kg	20	6/18/01
Heptachlor	ND	40		µg/Kg	20	6/18/01
Heptachlor epoxide	ND	40		µg/Kg	20	6/18/01
Methoxychlor	ND	340		µg/Kg	20	6/18/01
Toxaphene	ND	3400		µg/Kg	20	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010617A** BatchID: **4624**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	660		µg/Kg	20	6/18/01
Aroclor 1221	ND	1300		µg/Kg	20	6/18/01
Aroclor 1232	ND	660		µg/Kg	20	6/18/01
Aroclor 1242	ND	660		µg/Kg	20	6/18/01
Aroclor 1248	ND	660		µg/Kg	20	6/18/01
Aroclor 1254	ND	660		µg/Kg	20	6/18/01
Aroclor 1260	ND	660		µg/Kg	20	6/18/01
Aroclor 1262	ND	660		µg/Kg	20	6/18/01
Aroclor 1268	ND	660		µg/Kg	20	6/18/01

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Initials: _____

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB2-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:26:00 AM
Lab ID:	051567-036A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010613B** BatchID: **P01VOCS091**			PrepDate:			Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/13/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/13/01
Benzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Bromoform	ND	5.0		µg/Kg	1.0	6/13/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/13/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/13/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/13/01
Chloroform	ND	5.0		µg/Kg	1.0	6/13/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/13/01

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Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB2-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:26:00 AM
Lab ID:	051567-036A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010613B** BatchID: **P01VOCS091**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/13/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/13/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/13/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Styrene	ND	5.0		µg/Kg	1.0	6/13/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Toluene	ND	5.0		µg/Kg	1.0	6/13/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
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Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB2-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:26:00 AM
Lab ID:	051567-036A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615A** BatchID: **4580**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	310	40		mg/Kg	40	6/15/01
Motor Oil	670	40		mg/Kg	40	6/15/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613A** BatchID: **E018G20S125**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB2-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:26:00 AM
Lab ID:	051567-037A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010619A** BatchID: **4640**				PrepDate: **6/18/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/20/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/20/01
4,4'-DDT	190	8.0		µg/Kg	2.0	6/20/01
Aldrin	ND	4.0		µg/Kg	2.0	6/20/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/20/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/20/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/20/01
Chlordane	ND	34		µg/Kg	2.0	6/20/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/20/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/20/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/20/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/20/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/20/01
Endrin	ND	8.0		µg/Kg	2.0	6/20/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/20/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/20/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/20/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/20/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/20/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/20/01
Methoxychlor	ND	34		µg/Kg	2.0	6/20/01
Toxaphene	ND	340		µg/Kg	2.0	6/20/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010619A** BatchID: **4640**				PrepDate: **6/18/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/20/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/20/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/20/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/20/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/20/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/20/01
Aroclor 1260	130	66		µg/Kg	2.0	6/20/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/20/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/20/01

Qualifiers:

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Initials: _____

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: DB2-3
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 11:26:00 AM
Lab ID: 051567-037A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010613B** BatchID: **P01VOCS091**				PrepDate:		Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/13/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/13/01
Benzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Bromoform	ND	5.0		µg/Kg	1.0	6/13/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/13/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/13/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/13/01
Chloroform	ND	5.0		µg/Kg	1.0	6/13/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/13/01

Qualifiers:
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H - Samples exceeding analytical holding time
E - Value above quantitation range
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB2-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:26:00 AM
Lab ID:	051567-037A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010613B** BatchID: **P01VOCS091**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/13/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/13/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/13/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Styrene	ND	5.0		µg/Kg	1.0	6/13/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Toluene	ND	5.0		µg/Kg	1.0	6/13/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/13/01

Qualifiers:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB2-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:26:00 AM
Lab ID:	051567-037A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615A** BatchID: **4580**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	87	5.0		mg/Kg	5.0	6/15/01
Motor Oil	210	5.0		mg/Kg	5.0	6/15/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612B** BatchID: **E018G20S124**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB2-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:23:00 AM
Lab ID:	051567-038A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC9_010619A** BatchID: **4640**				PrepDate: **6/18/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/20/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/20/01
4,4'-DDT	21	8.0		µg/Kg	2.0	6/20/01
Aldrin	ND	4.0		µg/Kg	2.0	6/20/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/20/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/20/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/20/01
Chlordane	ND	34		µg/Kg	2.0	6/20/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/20/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/20/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/20/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/20/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/20/01
Endrin	ND	8.0		µg/Kg	2.0	6/20/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/20/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/20/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/20/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/20/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/20/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/20/01
Methoxychlor	ND	34		µg/Kg	2.0	6/20/01
Toxaphene	ND	340		µg/Kg	2.0	6/20/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC9_010619A** BatchID: **4640**				PrepDate: **6/18/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/20/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/20/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/20/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/20/01
Aroclor 1248	100	66		µg/Kg	2.0	6/20/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/20/01
Aroclor 1260	210	66		µg/Kg	2.0	6/20/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/20/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/20/01

Qualifiers:

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M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB2-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:23:00 AM
Lab ID:	051567-038A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010615B** BatchID: **4584**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	160	5.0		mg/Kg	5.0	6/16/01
Motor Oil	390	5.0		mg/Kg	5.0	6/16/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
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Initials: _____

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Advanced Techn

MD15-0

Print Date: *6/27/01*

CLIENT:	Geoc
Lab Order:	0515
Project:	Oak
Lab ID:	051

Client Sample ID: MD15

Collection Date: 6/8/01 12:50:00 PM

Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010617A** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDT	13	8.0		µg/Kg	2.0	6/18/01
Aldrin	ND	4.0		µg/Kg	2.0	6/18/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/18/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Chlordane	ND	34		µg/Kg	2.0	6/18/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/18/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/18/01
Endrin	ND	8.0		µg/Kg	2.0	6/18/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/18/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/18/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/18/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/18/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/18/01
Methoxychlor	ND	34		µg/Kg	2.0	6/18/01
Toxaphene	ND	340		µg/Kg	2.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC5_010618C** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/19/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/19/01

Qualifiers:

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DO - Surrogate Diluted Out
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E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD15
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 12:50:00 PM
Lab ID:	051567-045A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010613B** BatchID: **P01VOCS091**				PrepDate:		Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/13/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/13/01
Benzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Bromoform	ND	5.0		µg/Kg	1.0	6/13/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/13/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/13/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/13/01
Chloroform	ND	5.0		µg/Kg	1.0	6/13/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD15
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 12:50:00 PM
Lab ID:	051567-045A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010613B** BatchID: **P01VOCS091**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/13/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/13/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/13/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Styrene	ND	5.0		µg/Kg	1.0	6/13/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Toluene	ND	5.0		µg/Kg	1.0	6/13/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
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H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: RL

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD15
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 12:50:00 PM
Lab ID:	051567-045A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615B** BatchID: **4584**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	200	10		mg/Kg	10	6/16/01
Motor Oil	630	10		mg/Kg	10	6/16/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612B** BatchID: **E018G20S124**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT16-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:00:00 PM
Lab ID:	051567-046A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010617A** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	8.1	8.0		µg/Kg	2.0	6/18/01
4,4'-DDE	9.9	8.0		µg/Kg	2.0	6/18/01
4,4'-DDT	43	8.0		µg/Kg	2.0	6/18/01
Aldrin	ND	4.0		µg/Kg	2.0	6/18/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/18/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Chlordane	ND	34		µg/Kg	2.0	6/18/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/18/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/18/01
Endrin	ND	8.0		µg/Kg	2.0	6/18/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/18/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/18/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/18/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/18/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/18/01
Methoxychlor	ND	34		µg/Kg	2.0	6/18/01
Toxaphene	ND	340		µg/Kg	2.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC5_010618C** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/19/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/19/01

Qualifiers:

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S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: UT16-1
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 1:00:00 PM
Lab ID: 051567-046A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010613B** BatchID: **P01VOCS091**			PrepDate:			Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/13/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/13/01
Benzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Bromoform	ND	5.0		µg/Kg	1.0	6/13/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/13/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/13/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/13/01
Chloroform	ND	5.0		µg/Kg	1.0	6/13/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/13/01

Qualifiers:
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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
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Initials:

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT16-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:00:00 PM
Lab ID:	051567-046A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010613B** BatchID: **P01VOCS091**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/13/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/13/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/13/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Styrene	ND	5.0		µg/Kg	1.0	6/13/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Toluene	ND	5.0		µg/Kg	1.0	6/13/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out
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E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: (P)

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT16-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:00:00 PM
Lab ID:	051567-046A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615B** BatchID: **4584**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	28	2.0		mg/Kg	2.0	6/16/01
Motor Oil	75	2.0		mg/Kg	2.0	6/16/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612B** BatchID: **E018G20S124**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Lab ID: 051567-047A

Client Sample ID: UT16-3
Collection Date: 6/8/01 1:00:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010617A** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDT	9.5	8.0		µg/Kg	2.0	6/18/01
Aldrin	ND	4.0		µg/Kg	2.0	6/18/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/18/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Chlordane	ND	34		µg/Kg	2.0	6/18/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/18/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/18/01
Endrin	ND	8.0		µg/Kg	2.0	6/18/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/18/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/18/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/18/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/18/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/18/01
Methoxychlor	ND	34		µg/Kg	2.0	6/18/01
Toxaphene	ND	340		µg/Kg	2.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC5_010618C** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/19/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/19/01

Qualifiers:
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DO - Surrogate Diluted Out
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Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT16-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:00:00 PM
Lab ID:	051567-047A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010614A** BatchID: **P01VOCS092**				PrepDate:		Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/14/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/14/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/14/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/14/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/14/01
Benzene	ND	5.0		µg/Kg	1.0	6/14/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/14/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/14/01
Bromoform	ND	5.0		µg/Kg	1.0	6/14/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/14/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/14/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/14/01
Chloroform	ND	5.0		µg/Kg	1.0	6/14/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/14/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/14/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/14/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/14/01

Qualifiers:

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DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: UT16-3
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 1:00:00 PM
Lab ID: 051567-047A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010614A** BatchID: **P01VOCS092**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/14/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/14/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/14/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/14/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/14/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/14/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Styrene	ND	5.0		µg/Kg	1.0	6/14/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/14/01
Toluene	ND	5.0		µg/Kg	1.0	6/14/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/14/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/14/01

Qualifiers:
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DO - Surrogate Diluted Out
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT16-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:00:00 PM
Lab ID:	051567-047A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615B** BatchID: **4584**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	700	10		mg/Kg	10	6/16/01
Motor Oil	1300	10		mg/Kg	10	6/16/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612B** BatchID: **E018G20S124**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT16-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:00:00 PM
Lab ID:	051567-048A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010617A** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDT	12	8.0		µg/Kg	2.0	6/18/01
Aldrin	ND	4.0		µg/Kg	2.0	6/18/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/18/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Chlordane	ND	34		µg/Kg	2.0	6/18/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/18/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/18/01
Endrin	ND	8.0		µg/Kg	2.0	6/18/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/18/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/18/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/18/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/18/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/18/01
Methoxychlor	ND	34		µg/Kg	2.0	6/18/01
Toxaphene	ND	340		µg/Kg	2.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC5_010618C** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/19/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/19/01

Qualifiers:

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- E - Value above quantitation range
- M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT16-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:00:00 PM
Lab ID:	051567-048A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010615B** BatchID: **4584**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	31	2.0		mg/Kg	2.0	6/16/01
Motor Oil	86	2.0		mg/Kg	2.0	6/16/01

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DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.

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Initials:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT18-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:20:00 PM
Lab ID:	051567-053A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010617A** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	4.5	4.0		µg/Kg	1.0	6/18/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/18/01
4,4'-DDT	34	4.0		µg/Kg	1.0	6/18/01
Aldrin	ND	2.0		µg/Kg	1.0	6/18/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/18/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/18/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/18/01
Chlordane	ND	17		µg/Kg	1.0	6/18/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/18/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/18/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/18/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/18/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/18/01
Endrin	ND	4.0		µg/Kg	1.0	6/18/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/18/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/18/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/18/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/18/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/18/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/18/01
Methoxychlor	ND	17		µg/Kg	1.0	6/18/01
Toxaphene	ND	170		µg/Kg	1.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC5_010618C** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/19/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1260	35	33		µg/Kg	1.0	6/19/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/19/01

Qualifiers:

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Initials:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT18-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:20:00 PM
Lab ID:	051567-053A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID			**EPA 8015B(M)**			
RunID: **GC7_010615B** BatchID: **4584**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	150	5.0		mg/Kg	5.0	6/16/01
Motor Oil	320	5.0		mg/Kg	5.0	6/16/01

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S - Spike/Surrogate outside of limits due to matrix interference.
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Initials:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT18-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:30:00 PM
Lab ID:	051567-054A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010617A** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/18/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/18/01
4,4'-DDT	14	4.0		µg/Kg	1.0	6/18/01
Aldrin	ND	2.0		µg/Kg	1.0	6/18/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/18/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/18/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/18/01
Chlordane	ND	17		µg/Kg	1.0	6/18/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/18/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/18/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/18/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/18/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/18/01
Endrin	ND	4.0		µg/Kg	1.0	6/18/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/18/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/18/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/18/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/18/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/18/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/18/01
Methoxychlor	ND	17		µg/Kg	1.0	6/18/01
Toxaphene	ND	170		µg/Kg	1.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC5_010618C** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/19/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/19/01

Qualifiers:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT18-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:30:00 PM
Lab ID:	051567-054A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010613B** BatchID: **P01VOCS091**			PrepDate:			Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/13/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/13/01
Benzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Bromoform	ND	5.0		µg/Kg	1.0	6/13/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/13/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/13/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/13/01
Chloroform	ND	5.0		µg/Kg	1.0	6/13/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: UT18-1
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 1:30:00 PM
Lab ID: 051567-054A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010613B** BatchID: **P01VOCS091**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/13/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/13/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/13/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Styrene	ND	5.0		µg/Kg	1.0	6/13/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Toluene	ND	5.0		µg/Kg	1.0	6/13/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT18-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:30:00 PM
Lab ID:	051567-054A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615B** BatchID: **4584**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	29	1.0		mg/Kg	1.0	6/16/01
Motor Oil	63	1.0		mg/Kg	1.0	6/16/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612B** BatchID: **E018G20S124**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

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B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
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M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Lab ID: 051567-055A

Client Sample ID: UT18-3
Collection Date: 6/8/01 1:30:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010617A** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/18/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/18/01
4,4'-DDT	ND	4.0		µg/Kg	1.0	6/18/01
Aldrin	ND	2.0		µg/Kg	1.0	6/18/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/18/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/18/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/18/01
Chlordane	ND	17		µg/Kg	1.0	6/18/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/18/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/18/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/18/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/18/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/18/01
Endrin	ND	4.0		µg/Kg	1.0	6/18/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/18/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/18/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/18/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/18/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/18/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/18/01
Methoxychlor	ND	17		µg/Kg	1.0	6/18/01
Toxaphene	ND	170		µg/Kg	1.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC5_010618C** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/19/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/19/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT18-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:30:00 PM
Lab ID:	051567-055A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010613B** BatchID: **P01VOCS091**				PrepDate:		Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/13/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/13/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/13/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/13/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/13/01
Benzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Bromoform	ND	5.0		µg/Kg	1.0	6/13/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/13/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/13/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/13/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/13/01
Chloroform	ND	5.0		µg/Kg	1.0	6/13/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/13/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/13/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/13/01

Qualifiers:
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J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out
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Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT18-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:30:00 PM
Lab ID:	051567-055A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010613B** BatchID: **P01VOCS091**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/13/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/13/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/13/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/13/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Styrene	ND	5.0		µg/Kg	1.0	6/13/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/13/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Toluene	ND	5.0		µg/Kg	1.0	6/13/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/13/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/13/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
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Initials:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT18-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:30:00 PM
Lab ID:	051567-055A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615B** BatchID: **4584**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	1.4	1.0		mg/Kg	1.0	6/16/01
Motor Oil	1.6	1.0		mg/Kg	1.0	6/16/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010612B** BatchID: **E018G20S124**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/12/01

Qualifiers:

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- B - Analyte detected in the associated Method Blank
- DO - Surrogate Diluted Out
- S - Spike/Surrogate outside of limits due to matrix interference.
- H - Samples exceeding analytical holding time
- E - Value above quantitation range
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Initials: _____

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT18-5
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:30:00 PM
Lab ID:	051567-056A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010617A** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/18/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/18/01
4,4'-DDT	ND	4.0		µg/Kg	1.0	6/18/01
Aldrin	ND	2.0		µg/Kg	1.0	6/18/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/18/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/18/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/18/01
Chlordane	ND	17		µg/Kg	1.0	6/18/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/18/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/18/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/18/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/18/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/18/01
Endrin	ND	4.0		µg/Kg	1.0	6/18/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/18/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/18/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/18/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/18/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/18/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/18/01
Methoxychlor	ND	17		µg/Kg	1.0	6/18/01
Toxaphene	ND	170		µg/Kg	1.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC5_010618C** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/19/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/19/01

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT18-5
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:30:00 PM
Lab ID:	051567-056A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010614A** BatchID: **P01VOCS092**			PrepDate:			Analyst: **JPC**
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/14/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/14/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/14/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/14/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/14/01
Benzene	ND	5.0		µg/Kg	1.0	6/14/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/14/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/14/01
Bromoform	ND	5.0		µg/Kg	1.0	6/14/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/14/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/14/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/14/01
Chloroform	ND	5.0		µg/Kg	1.0	6/14/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/14/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/14/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/14/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit

J - Analyte detected below quantitation limits

B - Analyte detected in the associated Method Blank

DO - Surrogate Diluted Out

S - Spike/Surrogate outside of limits due to matrix interference.

H - Samples exceeding analytical holding time

E - Value above quantitation range

M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: UT18-5
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 1:30:00 PM
Lab ID: 051567-056A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010614A** BatchID: **P01VOCS092**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/14/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/14/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/14/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/14/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/14/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/14/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Styrene	ND	5.0		µg/Kg	1.0	6/14/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/14/01
Toluene	ND	5.0		µg/Kg	1.0	6/14/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/14/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/14/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT18-5
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:30:00 PM
Lab ID:	051567-056A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615B** BatchID: **4584**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	42	2.0		mg/Kg	2.0	6/16/01
Motor Oil	160	2.0		mg/Kg	2.0	6/16/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010614A** BatchID: **E018G20S128**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD17-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:00:00 PM
Lab ID:	051567-057A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010617A** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDE	ND	8.0		µg/Kg	2.0	6/18/01
4,4'-DDT	ND	8.0		µg/Kg	2.0	6/18/01
Aldrin	ND	4.0		µg/Kg	2.0	6/18/01
alpha-BHC	ND	4.0		µg/Kg	2.0	6/18/01
alpha-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
beta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Chlordane	ND	34		µg/Kg	2.0	6/18/01
delta-BHC	ND	4.0		µg/Kg	2.0	6/18/01
Dieldrin	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan I	ND	4.0		µg/Kg	2.0	6/18/01
Endosulfan II	ND	8.0		µg/Kg	2.0	6/18/01
Endosulfan sulfate	ND	8.0		µg/Kg	2.0	6/18/01
Endrin	ND	8.0		µg/Kg	2.0	6/18/01
Endrin aldehyde	ND	8.0		µg/Kg	2.0	6/18/01
Endrin ketone	ND	8.0		µg/Kg	2.0	6/18/01
gamma-BHC	ND	4.0		µg/Kg	2.0	6/18/01
gamma-Chlordane	ND	8.0		µg/Kg	2.0	6/18/01
Heptachlor	ND	4.0		µg/Kg	2.0	6/18/01
Heptachlor epoxide	ND	4.0		µg/Kg	2.0	6/18/01
Methoxychlor	ND	34		µg/Kg	2.0	6/18/01
Toxaphene	ND	340		µg/Kg	2.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC5_010618C** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1221	ND	130		µg/Kg	2.0	6/19/01
Aroclor 1232	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1242	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1248	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1254	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1260	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1262	ND	66		µg/Kg	2.0	6/19/01
Aroclor 1268	ND	66		µg/Kg	2.0	6/19/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD17-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:00:00 PM
Lab ID:	051567-057A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS **EPA 8260B**

RunID: **MS1_010614A** BatchID: **P01VOCS092** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/14/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/14/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/14/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/14/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/14/01
Benzene	ND	5.0		µg/Kg	1.0	6/14/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/14/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/14/01
Bromoform	ND	5.0		µg/Kg	1.0	6/14/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/14/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/14/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/14/01
Chloroform	ND	5.0		µg/Kg	1.0	6/14/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/14/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/14/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/14/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: (a

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: MD17-0
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 2:00:00 PM
Lab ID: 051567-057A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010614A** BatchID: **P01VOCS092**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/14/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/14/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/14/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/14/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/14/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/14/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Styrene	ND	5.0		µg/Kg	1.0	6/14/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/14/01
Toluene	ND	5.0		µg/Kg	1.0	6/14/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/14/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/14/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD17-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:00:00 PM
Lab ID:	051567-057A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010615B** BatchID: **4584**				PrepDate: **6/13/01**		Analyst: **AP**
Diesel	78	2.0		mg/Kg	2.0	6/16/01
Motor Oil	160	2.0		mg/Kg	2.0	6/16/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613A** BatchID: **E018G20S125**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: (@

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3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD17-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:00:00 PM
Lab ID:	051567-058A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ORGANOCHLORINE PESTICIDES BY GC/ECD			**EPA 8081A**			
RunID: **GC10_010617A** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
4,4'-DDD	ND	4.0		µg/Kg	1.0	6/18/01
4,4'-DDE	ND	4.0		µg/Kg	1.0	6/18/01
4,4'-DDT	ND	4.0		µg/Kg	1.0	6/18/01
Aldrin	ND	2.0		µg/Kg	1.0	6/18/01
alpha-BHC	ND	2.0		µg/Kg	1.0	6/18/01
alpha-Chlordane	ND	4.0		µg/Kg	1.0	6/18/01
beta-BHC	ND	2.0		µg/Kg	1.0	6/18/01
Chlordane	ND	17		µg/Kg	1.0	6/18/01
delta-BHC	ND	2.0		µg/Kg	1.0	6/18/01
Dieldrin	ND	4.0		µg/Kg	1.0	6/18/01
Endosulfan I	ND	2.0		µg/Kg	1.0	6/18/01
Endosulfan II	ND	4.0		µg/Kg	1.0	6/18/01
Endosulfan sulfate	ND	4.0		µg/Kg	1.0	6/18/01
Endrin	ND	4.0		µg/Kg	1.0	6/18/01
Endrin aldehyde	ND	4.0		µg/Kg	1.0	6/18/01
Endrin ketone	ND	4.0		µg/Kg	1.0	6/18/01
gamma-BHC	ND	2.0		µg/Kg	1.0	6/18/01
gamma-Chlordane	ND	4.0		µg/Kg	1.0	6/18/01
Heptachlor	ND	2.0		µg/Kg	1.0	6/18/01
Heptachlor epoxide	ND	2.0		µg/Kg	1.0	6/18/01
Methoxychlor	ND	17		µg/Kg	1.0	6/18/01
Toxaphene	ND	170		µg/Kg	1.0	6/18/01
PCB BY GC/ECD			**EPA 8082**			
RunID: **GC5_010618C** BatchID: **4625**				PrepDate: **6/15/01**		Analyst: **GG**
Aroclor 1016	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1221	ND	67		µg/Kg	1.0	6/19/01
Aroclor 1232	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1242	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1248	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1254	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1260	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1262	ND	33		µg/Kg	1.0	6/19/01
Aroclor 1268	ND	33		µg/Kg	1.0	6/19/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
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Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD17-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:00:00 PM
Lab ID:	051567-058A	**Matrix:**	Soil

VOLATILE ORGANIC COMPOUNDS BY GC/MS — **EPA 8260B**

RunID: **MS1_010614A** BatchID: **P01VOCS092** PrepDate: Analyst: **JPC**

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
1,1,1,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1,1-Trichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1,2,2-Tetrachloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1,2-Trichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1-Dichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,1-Dichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
1,1-Dichloropropene	ND	5.0		µg/Kg	1.0	6/14/01
1,2,3-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2,3-Trichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
1,2,4-Trichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2,4-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dibromo-3-chloropropane	ND	10		µg/Kg	1.0	6/14/01
1,2-Dibromoethane	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dichloroethane	ND	5.0		µg/Kg	1.0	6/14/01
1,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
1,3,5-Trimethylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,3-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
1,3-Dichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
1,4-Dichlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
2,2-Dichloropropane	ND	5.0		µg/Kg	1.0	6/14/01
2-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/14/01
4-Chlorotoluene	ND	5.0		µg/Kg	1.0	6/14/01
4-Isopropyltoluene	ND	5.0		µg/Kg	1.0	6/14/01
Benzene	ND	5.0		µg/Kg	1.0	6/14/01
Bromobenzene	ND	5.0		µg/Kg	1.0	6/14/01
Bromodichloromethane	ND	5.0		µg/Kg	1.0	6/14/01
Bromoform	ND	5.0		µg/Kg	1.0	6/14/01
Bromomethane	ND	5.0		µg/Kg	1.0	6/14/01
Carbon tetrachloride	ND	5.0		µg/Kg	1.0	6/14/01
Chlorobenzene	ND	5.0		µg/Kg	1.0	6/14/01
Chloroethane	ND	5.0		µg/Kg	1.0	6/14/01
Chloroform	ND	5.0		µg/Kg	1.0	6/14/01
Chloromethane	ND	5.0		µg/Kg	1.0	6/14/01
cis-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
cis-1,3-Dichloropropene	ND	5.0		µg/Kg	1.0	6/14/01
Dibromochloromethane	ND	5.0		µg/Kg	1.0	6/14/01
Dibromomethane	ND	5.0		µg/Kg	1.0	6/14/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

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Print Date: *6/27/01*

CLIENT: Geocon Environmental
Client Sample ID: MD17-1
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 2:00:00 PM
Lab ID: 051567-058A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
VOLATILE ORGANIC COMPOUNDS BY GC/MS			**EPA 8260B**			
RunID: **MS1_010614A** BatchID: **P01VOCS092**			PrepDate:			Analyst: **JPC**
Dichlorodifluoromethane	ND	5.0		µg/Kg	1.0	6/14/01
Ethylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Hexachlorobutadiene	ND	5.0		µg/Kg	1.0	6/14/01
Isopropylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
m,p-Xylene	ND	5.0		µg/Kg	1.0	6/14/01
Methylene chloride	ND	5.0		µg/Kg	1.0	6/14/01
n-Butylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
n-Propylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Naphthalene	ND	5.0		µg/Kg	1.0	6/14/01
o-Xylene	ND	5.0		µg/Kg	1.0	6/14/01
sec-Butylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Styrene	ND	5.0		µg/Kg	1.0	6/14/01
tert-Butylbenzene	ND	5.0		µg/Kg	1.0	6/14/01
Tetrachloroethene	ND	5.0		µg/Kg	1.0	6/14/01
Toluene	ND	5.0		µg/Kg	1.0	6/14/01
trans-1,2-Dichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
Trichloroethene	ND	5.0		µg/Kg	1.0	6/14/01
Trichlorofluoromethane	ND	5.0		µg/Kg	1.0	6/14/01
Vinyl chloride	ND	5.0		µg/Kg	1.0	6/14/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD17-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:00:00 PM
Lab ID:	051567-058A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
DIESEL & MOTOR OIL RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC7_010617A** BatchID: **4607**				PrepDate: **6/15/01**		Analyst: **AP**
Diesel	6.9	1.0		mg/Kg	1.0	6/17/01
Motor Oil	20	1.0		mg/Kg	1.0	6/17/01
GASOLINE RANGE ORGANICS BY GC/FID				**EPA 8015B(M)**		
RunID: **GC2_010613A** BatchID: **E018G20S125**				PrepDate:		Analyst: **JK**
GRO	ND	1.0		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: [illegible]

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Advanced Technology Laboratories

Date: *27-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4579** Batch ID: **4579** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MBLK SeqNo: **149105**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Sample ID **MB-4579** Batch ID: **4579** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/16/01** Prep Date: **6/13/01**
MBLK SeqNo: **149131**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Sample ID **MB-4580** Batch ID: **4580** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/15/01** Prep Date: **6/13/01**
MBLK SeqNo: **149164**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Sample ID **MB-4580** Batch ID: **4580** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/13/01**
MBLK SeqNo: **149210**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4584** Batch ID: **4584** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/15/01** Prep Date: **6/13/01**
MBLK SeqNo: **149215**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Sample ID **MB-4607** Batch ID: **4607** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/17/01** Prep Date: **6/15/01**
MBLK SeqNo: **149430**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	ND	1.0		0				0			
Motor Oil	ND	1.0		0				0			

Sample ID **010612BLKS1** Batch ID: **E018G20S123** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:
MBLK SeqNo: **147369**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

Sample ID **010612BLKS2** Batch ID: **E018G20S124** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:
MBLK SeqNo: **147541**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

Sample ID **010613BLKS1** Batch ID: **E018G20S125** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
MBLK SeqNo: **147987**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010614BLKS1** Batch ID: **E018G20S128** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:

MBLK SeqNo: **148351**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: (0)

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4609** Batch ID: **4609** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/16/01** Prep Date: **6/15/01**

MBLK SeqNo: **149549**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	4.0		0				0			
4,4'-DDE	ND	4.0		0				0			
4,4'-DDT	ND	4.0		0				0			
Aldrin	ND	2.0		0				0			
alpha-BHC	ND	2.0		0				0			
alpha-Chlordane	ND	4.0		0				0			
beta-BHC	ND	2.0		0				0			
Chlordane	ND	17		0				0			
delta-BHC	ND	2.0		0				0			
Dieldrin	ND	4.0		0				0			
Endosulfan I	ND	2.0		0				0			
Endosulfan II	ND	4.0		0				0			
Endosulfan sulfate	ND	4.0		0				0			
Endrin	ND	4.0		0				0			
Endrin aldehyde	ND	4.0		0				0			
Endrin ketone	ND	4.0		0				0			
gamma-BHC	ND	2.0		0				0			
gamma-Chlordane	ND	4.0		0				0			
Heptachlor	ND	2.0		0				0			
Heptachlor epoxide	ND	2.0		0				0			
Methoxychlor	ND	17		0				0			
Toxaphene	ND	170		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4624** Batch ID: **4624** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

MBLK SeqNo: **149773**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	4.0		0				0			
4,4´-DDE	ND	4.0		0				0			
4,4´-DDT	ND	4.0		0				0			
Aldrin	ND	2.0		0				0			
alpha-BHC	ND	2.0		0				0			
alpha-Chlordane	ND	4.0		0				0			
beta-BHC	ND	2.0		0				0			
Chlordane	ND	17		0				0			
delta-BHC	ND	2.0		0				0			
Dieldrin	ND	4.0		0				0			
Endosulfan I	ND	2.0		0				0			
Endosulfan II	ND	4.0		0				0			
Endosulfan sulfate	ND	4.0		0				0			
Endrin	ND	4.0		0				0			
Endrin aldehyde	ND	4.0		0				0			
Endrin ketone	ND	4.0		0				0			
gamma-BHC	ND	2.0		0				0			
gamma-Chlordane	ND	4.0		0				0			
Heptachlor	ND	2.0		0				0			
Heptachlor epoxide	ND	2.0		0				0			
Methoxychlor	ND	17		0				0			
Toxaphene	ND	170		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: D

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4625** Batch ID: **4625** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

MBLK SeqNo: **149891**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	4.0		0				0			
4,4'-DDE	ND	4.0		0				0			
4,4'-DDT	ND	4.0		0				0			
Aldrin	ND	2.0		0				0			
alpha-BHC	ND	2.0		0				0			
alpha-Chlordane	ND	4.0		0				0			
beta-BHC	ND	2.0		0				0			
Chlordane	ND	17		0				0			
delta-BHC	ND	2.0		0				0			
Dieldrin	ND	4.0		0				0			
Endosulfan I	ND	2.0		0				0			
Endosulfan II	ND	4.0		0				0			
Endosulfan sulfate	ND	4.0		0				0			
Endrin	ND	4.0		0				0			
Endrin aldehyde	ND	4.0		0				0			
Endrin ketone	ND	4.0		0				0			
gamma-BHC	ND	2.0		0				0			
gamma-Chlordane	ND	4.0		0				0			
Heptachlor	ND	2.0		0				0			
Heptachlor epoxide	ND	2.0		0				0			
Methoxychlor	ND	17		0				0			
Toxaphene	ND	170		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4640** Batch ID: **4640** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/19/01** Prep Date: **6/18/01**

MBLK SeqNo: **150614**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	ND	4.0		0				0			
4,4´-DDE	ND	4.0		0				0			
4,4´-DDT	ND	4.0		0				0			
Aldrin	ND	2.0		0				0			
alpha-BHC	ND	2.0		0				0			
alpha-Chlordane	ND	4.0		0				0			
beta-BHC	ND	2.0		0				0			
Chlordane	ND	17		0				0			
delta-BHC	ND	2.0		0				0			
Dieldrin	ND	4.0		0				0			
Endosulfan I	ND	2.0		0				0			
Endosulfan II	ND	4.0		0				0			
Endosulfan sulfate	ND	4.0		0				0			
Endrin	ND	4.0		0				0			
Endrin aldehyde	ND	4.0		0				0			
Endrin ketone	ND	4.0		0				0			
gamma-BHC	ND	2.0		0				0			
gamma-Chlordane	ND	4.0		0				0			
Heptachlor	ND	2.0		0				0			
Heptachlor epoxide	ND	2.0		0				0			
Methoxychlor	ND	17		0				0			
Toxaphene	ND	170		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4609** Batch ID: **4609** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/16/01** Prep Date: **6/15/01**
MBLK SeqNo: **149578**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33		0				0			
Aroclor 1221	ND	67		0				0			
Aroclor 1232	ND	33		0				0			
Aroclor 1242	ND	33		0				0			
Aroclor 1248	ND	33		0				0			
Aroclor 1254	ND	33		0				0			
Aroclor 1260	ND	33		0				0			
Aroclor 1262	ND	33		0				0			
Aroclor 1268	ND	33		0				0			

Sample ID **MB-4624** Batch ID: **4624** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
MBLK SeqNo: **149788**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33		0				0			
Aroclor 1221	ND	67		0				0			
Aroclor 1232	ND	33		0				0			
Aroclor 1242	ND	33		0				0			
Aroclor 1248	ND	33		0				0			
Aroclor 1254	ND	33		0				0			
Aroclor 1260	ND	33		0				0			
Aroclor 1262	ND	33		0				0			
Aroclor 1268	ND	33		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit; B - Analyte detected in the associated Method Blank; DO - Surrogate Diluted Out
J - Analyte detected below quantitation limits; M - Not Monitored. Highly Reactive
R - RPD outside accepted recovery limits; S - Spike/Surrogate outside of limits due to matrix interference

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4625** Batch ID: **4625** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/19/01** Prep Date: **6/15/01**
MBLK SeqNo: **150148**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33		0				0			
Aroclor 1221	ND	67		0				0			
Aroclor 1232	ND	33		0				0			
Aroclor 1242	ND	33		0				0			
Aroclor 1248	ND	33		0				0			
Aroclor 1254	ND	33		0				0			
Aroclor 1260	ND	33		0				0			
Aroclor 1262	ND	33		0				0			
Aroclor 1268	ND	33		0				0			

Sample ID **MB-4640** Batch ID: **4640** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/19/01** Prep Date: **6/18/01**
MBLK SeqNo: **150661**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33		0				0			
Aroclor 1221	ND	67		0				0			
Aroclor 1232	ND	33		0				0			
Aroclor 1242	ND	33		0				0			
Aroclor 1248	ND	33		0				0			
Aroclor 1254	ND	33		0				0			
Aroclor 1260	ND	33		0				0			
Aroclor 1262	ND	33		0				0			
Aroclor 1268	ND	33		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010612BLKS1** Batch ID: **P01VOCS089** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date:

MBLK SeqNo: **147530**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0		0				0			
1,1,1-Trichloroethane	ND	5.0		0				0			
1,1,2,2-Tetrachloroethane	ND	5.0		0				0			
1,1,2-Trichloroethane	ND	5.0		0				0			
1,1-Dichloroethane	ND	5.0		0				0			
1,1-Dichloroethene	ND	5.0		0				0			
1,1-Dichloropropene	ND	5.0		0				0			
1,2,3-Trichlorobenzene	ND	5.0		0				0			
1,2,3-Trichloropropane	ND	5.0		0				0			
1,2,4-Trichlorobenzene	ND	5.0		0				0			
1,2,4-Trimethylbenzene	ND	5.0		0				0			
1,2-Dibromo-3-chloropropane	ND	10		0				0			
1,2-Dibromoethane	ND	5.0		0				0			
1,2-Dichlorobenzene	ND	5.0		0				0			
1,2-Dichloroethane	ND	5.0		0				0			
1,2-Dichloropropane	ND	5.0		0				0			
1,3,5-Trimethylbenzene	ND	5.0		0				0			
1,3-Dichlorobenzene	ND	5.0		0				0			
1,3-Dichloropropane	ND	5.0		0				0			
1,4-Dichlorobenzene	ND	5.0		0				0			
2,2-Dichloropropane	ND	5.0		0				0			
2-Chlorotoluene	ND	5.0		0				0			
4-Chlorotoluene	ND	5.0		0				0			
4-Isopropyltoluene	ND	5.0		0				0			
Benzene	ND	5.0		0				0			
Bromobenzene	ND	5.0		0				0			
Bromodichloromethane	ND	5.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Bromoform	ND	5.0	0	0
Bromomethane	ND	5.0	0	0
Carbon tetrachloride	ND	5.0	0	0
Chlorobenzene	ND	5.0	0	0
Chloroethane	ND	5.0	0	0
Chloroform	ND	5.0	0	0
Chloromethane	ND	5.0	0	0
cis-1,2-Dichloroethene	ND	5.0	0	0
cis-1,3-Dichloropropene	ND	5.0	0	0
Dibromochloromethane	ND	5.0	0	0
Dibromomethane	ND	5.0	0	0
Dichlorodifluoromethane	ND	5.0	0	0
Ethylbenzene	ND	5.0	0	0
Hexachlorobutadiene	ND	5.0	0	0
Isopropylbenzene	ND	5.0	0	0
m,p-Xylene	ND	5.0	0	0
Methylene chloride	ND	5.0	0	0
n-Butylbenzene	ND	5.0	0	0
n-Propylbenzene	ND	5.0	0	0
Naphthalene	ND	5.0	0	0
o-Xylene	ND	5.0	0	0
sec-Butylbenzene	ND	5.0	0	0
Styrene	ND	5.0	0	0
tert-Butylbenzene	ND	5.0	0	0
Tetrachloroethene	ND	5.0	0	0
Toluene	ND	5.0	0	0
trans-1,2-Dichloroethene	ND	5.0	0	0
Trichloroethene	ND	5.0	0	0
Trichlorofluoromethane	ND	5.0	0	0
Vinyl chloride	ND	5.0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010613BLKS1** Batch ID: **P01VOCS091** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/13/01** Prep Date:

MBLK SeqNo: **148096**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0		0				0			
1,1,1-Trichloroethane	ND	5.0		0				0			
1,1,2,2-Tetrachloroethane	ND	5.0		0				0			
1,1,2-Trichloroethane	ND	5.0		0				0			
1,1-Dichloroethane	ND	5.0		0				0			
1,1-Dichloroethene	ND	5.0		0				0			
1,1-Dichloropropene	ND	5.0		0				0			
1,2,3-Trichlorobenzene	ND	5.0		0				0			
1,2,3-Trichloropropane	ND	5.0		0				0			
1,2,4-Trichlorobenzene	ND	5.0		0				0			
1,2,4-Trimethylbenzene	ND	5.0		0				0			
1,2-Dibromo-3-chloropropane	ND	10		0				0			
1,2-Dibromoethane	ND	5.0		0				0			
1,2-Dichlorobenzene	ND	5.0		0				0			
1,2-Dichloroethane	ND	5.0		0				0			
1,2-Dichloropropane	ND	5.0		0				0			
1,3,5-Trimethylbenzene	ND	5.0		0				0			
1,3-Dichlorobenzene	ND	5.0		0				0			
1,3-Dichloropropane	ND	5.0		0				0			
1,4-Dichlorobenzene	ND	5.0		0				0			
2,2-Dichloropropane	ND	5.0		0				0			
2-Chlorotoluene	ND	5.0		0				0			
4-Chlorotoluene	ND	5.0		0				0			
4-Isopropyltoluene	ND	5.0		0				0			
Benzene	ND	5.0		0				0			
Bromobenzene	ND	5.0		0				0			
Bromodichloromethane	ND	5.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Bromoform	ND	5.0	0	0
Bromomethane	ND	5.0	0	0
Carbon tetrachloride	ND	5.0	0	0
Chlorobenzene	ND	5.0	0	0
Chloroethane	ND	5.0	0	0
Chloroform	ND	5.0	0	0
Chloromethane	ND	5.0	0	0
cis-1,2-Dichloroethene	ND	5.0	0	0
cis-1,3-Dichloropropene	ND	5.0	0	0
Dibromochloromethane	ND	5.0	0	0
Dibromomethane	ND	5.0	0	0
Dichlorodifluoromethane	ND	5.0	0	0
Ethylbenzene	ND	5.0	0	0
Hexachlorobutadiene	ND	5.0	0	0
Isopropylbenzene	ND	5.0	0	0
m,p-Xylene	ND	5.0	0	0
Methylene chloride	ND	5.0	0	0
n-Butylbenzene	ND	5.0	0	0
n-Propylbenzene	ND	5.0	0	0
Naphthalene	ND	5.0	0	0
o-Xylene	ND	5.0	0	0
sec-Butylbenzene	ND	5.0	0	0
Styrene	ND	5.0	0	0
tert-Butylbenzene	ND	5.0	0	0
Tetrachloroethene	ND	5.0	0	0
Toluene	ND	5.0	0	0
trans-1,2-Dichloroethene	ND	5.0	0	0
Trichloroethene	ND	5.0	0	0
Trichlorofluoromethane	ND	5.0	0	0
Vinyl chloride	ND	5.0	0	0

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010614BLKS1** Batch ID: **P01VOCS092** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

MBLK SeqNo: **148557**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0		0				0			
1,1,1-Trichloroethane	ND	5.0		0				0			
1,1,2,2-Tetrachloroethane	ND	5.0		0				0			
1,1,2-Trichloroethane	ND	5.0		0				0			
1,1-Dichloroethane	ND	5.0		0				0			
1,1-Dichloroethene	ND	5.0		0				0			
1,1-Dichloropropene	ND	5.0		0				0			
1,2,3-Trichlorobenzene	ND	5.0		0				0			
1,2,3-Trichloropropane	ND	5.0		0				0			
1,2,4-Trichlorobenzene	ND	5.0		0				0			
1,2,4-Trimethylbenzene	ND	5.0		0				0			
1,2-Dibromo-3-chloropropane	ND	10		0				0			
1,2-Dibromoethane	ND	5.0		0				0			
1,2-Dichlorobenzene	ND	5.0		0				0			
1,2-Dichloroethane	ND	5.0		0				0			
1,2-Dichloropropane	ND	5.0		0				0			
1,3,5-Trimethylbenzene	ND	5.0		0				0			
1,3-Dichlorobenzene	ND	5.0		0				0			
1,3-Dichloropropane	ND	5.0		0				0			
1,4-Dichlorobenzene	ND	5.0		0				0			
2,2-Dichloropropane	ND	5.0		0				0			
2-Chlorotoluene	ND	5.0		0				0			
4-Chlorotoluene	ND	5.0		0				0			
4-Isopropyltoluene	ND	5.0		0				0			
Benzene	ND	5.0		0				0			
Bromobenzene	ND	5.0		0				0			
Bromodichloromethane	ND	5.0		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit; B - Analyte detected in the associated Method Blank; DO - Surrogate Diluted Out
J - Analyte detected below quantitation limits; M - Not Monitored. Highly Reactive
R - RPD outside accepted recovery limits; S - Spike/Surrogate outside of limits due to matrix interference

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Bromoform	ND	5.0	0	0
Bromomethane	ND	5.0	0	0
Carbon tetrachloride	ND	5.0	0	0
Chlorobenzene	ND	5.0	0	0
Chloroethane	ND	5.0	0	0
Chloroform	ND	5.0	0	0
Chloromethane	ND	5.0	0	0
cis-1,2-Dichloroethene	ND	5.0	0	0
cis-1,3-Dichloropropene	ND	5.0	0	0
Dibromochloromethane	ND	5.0	0	0
Dibromomethane	ND	5.0	0	0
Dichlorodifluoromethane	ND	5.0	0	0
Ethylbenzene	ND	5.0	0	0
Hexachlorobutadiene	ND	5.0	0	0
Isopropylbenzene	ND	5.0	0	0
m,p-Xylene	ND	5.0	0	0
Methylene chloride	ND	5.0	0	0
n-Butylbenzene	ND	5.0	0	0
n-Propylbenzene	ND	5.0	0	0
Naphthalene	ND	5.0	0	0
o-Xylene	ND	5.0	0	0
sec-Butylbenzene	ND	5.0	0	0
Styrene	ND	5.0	0	0
tert-Butylbenzene	ND	5.0	0	0
Tetrachloroethene	ND	5.0	0	0
Toluene	ND	5.0	0	0
trans-1,2-Dichloroethene	ND	5.0	0	0
Trichloroethene	ND	5.0	0	0
Trichlorofluoromethane	ND	5.0	0	0
Vinyl chloride	ND	5.0	0	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **010614BLKS1** Batch ID: **P01VOCS093** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

MBLK SeqNo: **148590**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0		0				0			
1,1,1-Trichloroethane	ND	5.0		0				0			
1,1,2,2-Tetrachloroethane	ND	5.0		0				0			
1,1,2-Trichloroethane	ND	5.0		0				0			
1,1-Dichloroethane	ND	5.0		0				0			
1,1-Dichloroethene	ND	5.0		0				0			
1,1-Dichloropropene	ND	5.0		0				0			
1,2,3-Trichlorobenzene	ND	5.0		0				0			
1,2,3-Trichloropropane	ND	5.0		0				0			
1,2,4-Trichlorobenzene	ND	5.0		0				0			
1,2,4-Trimethylbenzene	ND	5.0		0				0			
1,2-Dibromo-3-chloropropane	ND	10		0				0			
1,2-Dibromoethane	ND	5.0		0				0			
1,2-Dichlorobenzene	ND	5.0		0				0			
1,2-Dichloroethane	ND	5.0		0				0			
1,2-Dichloropropane	ND	5.0		0				0			
1,3,5-Trimethylbenzene	ND	5.0		0				0			
1,3-Dichlorobenzene	ND	5.0		0				0			
1,3-Dichloropropane	ND	5.0		0				0			
1,4-Dichlorobenzene	ND	5.0		0				0			
2,2-Dichloropropane	ND	5.0		0				0			
2-Chlorotoluene	ND	5.0		0				0			
4-Chlorotoluene	ND	5.0		0				0			
4-Isopropyltoluene	ND	5.0		0				0			
Benzene	ND	5.0		0				0			
Bromobenzene	ND	5.0		0				0			
Bromodichloromethane	ND	5.0		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit; B - Analyte detected in the associated Method Blank; DO - Surrogate Diluted Out
J - Analyte detected below quantitation limits; M - Not Monitored. Highly Reactive
R - RPD outside accepted recovery limits; S - Spike/Surrogate outside of limits due to matrix interference

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Bromoform	ND	5.0	0	0
Bromomethane	ND	5.0	0	0
Carbon tetrachloride	ND	5.0	0	0
Chlorobenzene	ND	5.0	0	0
Chloroethane	ND	5.0	0	0
Chloroform	ND	5.0	0	0
Chloromethane	ND	5.0	0	0
cis-1,2-Dichloroethene	ND	5.0	0	0
cis-1,3-Dichloropropene	ND	5.0	0	0
Dibromochloromethane	ND	5.0	0	0
Dibromomethane	ND	5.0	0	0
Dichlorodifluoromethane	ND	5.0	0	0
Ethylbenzene	ND	5.0	0	0
Hexachlorobutadiene	ND	5.0	0	0
Isopropylbenzene	ND	5.0	0	0
m,p-Xylene	ND	5.0	0	0
Methylene chloride	ND	5.0	0	0
n-Butylbenzene	ND	5.0	0	0
n-Propylbenzene	ND	5.0	0	0
Naphthalene	ND	5.0	0	0
o-Xylene	ND	5.0	0	0
sec-Butylbenzene	ND	5.0	0	0
Styrene	ND	5.0	0	0
tert-Butylbenzene	ND	5.0	0	0
Tetrachloroethene	ND	5.0	0	0
Toluene	ND	5.0	0	0
trans-1,2-Dichloroethene	ND	5.0	0	0
Trichloroethene	ND	5.0	0	0
Trichlorofluoromethane	ND	5.0	0	0
Vinyl chloride	ND	5.0	0	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored, Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: D

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *27-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-011A** Batch ID: **4579** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date: **6/13/01**
DUP SeqNo: **149120**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	6.4	1.0	0	0	0	0	0	4.4	37	30	R
Motor Oil	22	1.0	0	0	0	0	0	14	46	30	R

Sample ID **051567-029A** Batch ID: **4580** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/15/01** Prep Date: **6/13/01**
DUP SeqNo: **149170**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	28	2.0	0	0	0	0	0	22	26	30	
Motor Oil	140	2.0	0	0	0	0	0	130	11	30	

Sample ID **051567-056A** Batch ID: **4584** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/16/01** Prep Date: **6/13/01**
DUP SeqNo: **149231**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	51	2.0	0	0	0	0	0	42	20	30	
Motor Oil	180	2.0	0	0	0	0	0	160	10	30	

Sample ID **051578-054ADU** Batch ID: **4607** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/17/01** Prep Date: **6/15/01**
DUP SeqNo: **149435**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	29	2.0	0	0	0	0	0	18	47	30	R
Motor Oil	130	2.0	0	0	0	0	0	55	81	30	R

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: DB

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051539-033ADU** Batch ID: **E018G20S123** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:
DUP SeqNo: **147371**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Sample ID **051567-034ADU** Batch ID: **E018G20S124** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:
DUP SeqNo: **147547**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Sample ID **051567-036ADU** Batch ID: **E018G20S125** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
DUP SeqNo: **147989**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Sample ID **051578-064ADU** Batch ID: **E018G20S128** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
DUP SeqNo: **148355**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Sample ID **051578-046A** Batch ID: **E018G20S128** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
DUP SeqNo: **148481**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-015ADU** Batch ID: **4609** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/17/01** Prep Date: **6/15/01**

DUP SeqNo: **149562**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	4.0	0	0	0	0	0	0	0	30	
4,4'-DDE	ND	4.0	0	0	0	0	0	0	0	30	
4,4'-DDT	ND	4.0	0	0	0	0	0	0	0	30	
Aldrin	ND	2.0	0	0	0	0	0	0	0	30	
alpha-BHC	ND	2.0	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	4.0	0	0	0	0	0	0	0	30	
beta-BHC	ND	2.0	0	0	0	0	0	0	0	30	
Chlordane	ND	17	0	0	0	0	0	0	0	30	
delta-BHC	ND	2.0	0	0	0	0	0	0	0	30	
Dieldrin	ND	4.0	0	0	0	0	0	0	0	30	
Endosulfan I	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan II	ND	4.0	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	4.0	0	0	0	0	0	0	0	30	
Endrin	ND	4.0	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	4.0	0	0	0	0	0	0	0	30	
Endrin ketone	ND	4.0	0	0	0	0	0	0	0	30	
gamma-BHC	ND	2.0	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	4.0	0	0	0	0	0	0	0	30	
Heptachlor	ND	2.0	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	2.0	0	0	0	0	0	0	0	30	
Methoxychlor	ND	17	0	0	0	0	0	0	0	30	
Toxaphene	ND	170	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-036ADU** Batch ID: **4624** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

DUP SeqNo: **149781**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	80	0	0	0	0	0	0	0	30	
4,4'-DDE	ND	80	0	0	0	0	0	12	0	30	
4,4'-DDT	ND	80	0	0	0	0	0	0	0	30	
Aldrin	ND	40	0	0	0	0	0	0	0	30	
alpha-BHC	ND	40	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	80	0	0	0	0	0	0	0	30	
beta-BHC	ND	40	0	0	0	0	0	0	0	30	
Chlordane	ND	340	0	0	0	0	0	0	0	30	
delta-BHC	ND	40	0	0	0	0	0	0	0	30	
Dieldrin	ND	80	0	0	0	0	0	0	0	30	
Endosulfan I	ND	40	0	0	0	0	0	0	0	30	
Endosulfan II	ND	80	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	80	0	0	0	0	0	0	0	30	
Endrin	ND	80	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	80	0	0	0	0	0	0	0	30	
Endrin ketone	ND	80	0	0	0	0	0	0	0	30	
gamma-BHC	ND	40	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	80	0	0	0	0	0	0	0	30	
Heptachlor	ND	40	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	40	0	0	0	0	0	0	0	30	
Methoxychlor	ND	340	0	0	0	0	0	0	0	30	
Toxaphene	ND	3400	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference
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Initials: _____

All calculations are based on raw values.

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-056A** Batch ID: **4625** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

DUP SeqNo: **149905**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	4.0	0	0	0	0	0	0	0	30	
4,4'-DDE	ND	4.0	0	0	0	0	0	0	0	30	
4,4'-DDT	ND	4.0	0	0	0	0	0	0	0	30	
Aldrin	ND	2.0	0	0	0	0	0	0	0	30	
alpha-BHC	ND	2.0	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	4.0	0	0	0	0	0	0	0	30	
beta-BHC	ND	2.0	0	0	0	0	0	0	0	30	
Chlordane	ND	17	0	0	0	0	0	0	0	30	
delta-BHC	ND	2.0	0	0	0	0	0	0	0	30	
Dieldrin	ND	4.0	0	0	0	0	0	0	0	30	
Endosulfan I	ND	2.0	0	0	0	0	0	0	0	30	
Endosulfan II	ND	4.0	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	4.0	0	0	0	0	0	0	0	30	
Endrin	ND	4.0	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	4.0	0	0	0	0	0	0	0	30	
Endrin ketone	ND	4.0	0	0	0	0	0	0	0	30	
gamma-BHC	ND	2.0	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	4.0	0	0	0	0	0	0	0	30	
Heptachlor	ND	2.0	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	2.0	0	0	0	0	0	0	0	30	
Methoxychlor	ND	17	0	0	0	0	0	0	0	30	
Toxaphene	ND	170	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051636-010ADU** Batch ID: **4640** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/20/01** Prep Date: **6/18/01**

DUP SeqNo: **150630**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	ND	40	0	0	0	0	0	0	0	30	
4,4'-DDE	ND	40	0	0	0	0	0	0	0	30	
4,4'-DDT	ND	40	0	0	0	0	0	0	0	30	
Aldrin	ND	20	0	0	0	0	0	0	0	30	
alpha-BHC	ND	20	0	0	0	0	0	0	0	30	
alpha-Chlordane	ND	40	0	0	0	0	0	0	0	30	
beta-BHC	ND	20	0	0	0	0	0	0	0	30	
Chlordane	ND	170	0	0	0	0	0	0	0	30	
delta-BHC	ND	20	0	0	0	0	0	0	0	30	
Dieldrin	ND	40	0	0	0	0	0	0	0	30	
Endosulfan I	ND	20	0	0	0	0	0	0	0	30	
Endosulfan II	ND	40	0	0	0	0	0	0	0	30	
Endosulfan sulfate	ND	40	0	0	0	0	0	0	0	30	
Endrin	ND	40	0	0	0	0	0	0	0	30	
Endrin aldehyde	ND	40	0	0	0	0	0	0	0	30	
Endrin ketone	ND	40	0	0	0	0	0	0	0	30	
gamma-BHC	ND	20	0	0	0	0	0	0	0	30	
gamma-Chlordane	ND	40	0	0	0	0	0	0	0	30	
Heptachlor	ND	20	0	0	0	0	0	0	0	30	
Heptachlor epoxide	ND	20	0	0	0	0	0	0	0	30	
Methoxychlor	ND	170	0	0	0	0	0	0	0	30	
Toxaphene	ND	1700	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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Work Order: 051567
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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-015ADU** Batch ID: **4609** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/17/01** Prep Date: **6/15/01**
DUP SeqNo: **149591**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	67	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1260	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1262	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	33	0	0	0	0	0	0	0	30	

Sample ID **051567-036ADU** Batch ID: **4624** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
DUP SeqNo: **149811**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	660	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	1300	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	660	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	660	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	660	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	660	0	0	0	0	0	0	0	30	
Aroclor 1260	ND	660	0	0	0	0	0	0	0	30	
Aroclor 1262	ND	660	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	660	0	0	0	0	0	0	0	30	

Qualifiers:
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-056ADU** Batch ID: **4625** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/19/01** Prep Date: **6/15/01**
DUP SeqNo: **150161**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	67	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1260	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1262	ND	33	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	33	0	0	0	0	0	0	0	30	

Sample ID **051636-010ADU** Batch ID: **4640** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/20/01** Prep Date: **6/18/01**
DUP SeqNo: **150671**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1221	ND	670	0	0	0	0	0	0	0	30	
Aroclor 1232	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1242	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1248	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1254	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1260	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1262	ND	330	0	0	0	0	0	0	0	30	
Aroclor 1268	ND	330	0	0	0	0	0	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-014ADU** Batch ID: **P01VOCS089** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date:

DUP SeqNo: **147537**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dibromo-3-chloropropane	ND	10	0	0	0	0	0	0	0	30	
1,2-Dibromoethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3,5-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
2,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
2-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Isopropyltoluene	ND	5.0	0	0	0	0	0	0	0	30	
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
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S - Spike/Surrogate outside of limits due to matrix interference
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Initials: _____

All calculations are based on raw values.

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QC SUMMARY REPORT

Sample Duplicate

Bromoform	ND	5.0	0	0	0	0	0	0	0	30
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30
Chloroform	ND	5.0	0	0	0	0	0	0	0	30
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30
Dibromomethane	ND	5.0	0	0	0	0	0	0	0	30
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Hexachlorobutadiene	ND	5.0	0	0	0	0	0	0	0	30
Isopropylbenzene	ND	5.0	0	0	0	0	0	0	0	30
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30
n-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
n-Propylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Naphthalene	ND	5.0	0	0	0	0	0	0	0	30
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30
sec-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Styrene	ND	5.0	0	0	0	0	0	0	0	30
tert-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30
Toluene	ND	5.0	0	0	0	0	0	0	0	30
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-034ADU** Batch ID: **P01VOCS091** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/13/01** Prep Date:

DUP SeqNo: **148102**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dibromo-3-chloropropane	ND	10	0	0	0	0	0	0	0	30	
1,2-Dibromoethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3,5-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
2,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
2-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Isopropyltoluene	ND	5.0	0	0	0	0	0	0	0	30	
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Bromoform	ND	5.0	0	0	0	0	0	0	0	30
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30
Chloroform	ND	5.0	0	0	0	0	0	0	0	30
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30
Dibromomethane	ND	5.0	0	0	0	0	0	0	0	30
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Hexachlorobutadiene	ND	5.0	0	0	0	0	0	0	0	30
Isopropylbenzene	ND	5.0	0	0	0	0	0	0	0	30
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30
n-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
n-Propylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Naphthalene	ND	5.0	0	0	0	0	0	0	0	30
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30
sec-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Styrene	ND	5.0	0	0	0	0	0	0	0	30
tert-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30
Toluene	ND	5.0	0	0	0	0	0	0	0	30
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-057ADU** Batch ID: **P01VOCS092** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

DUP SeqNo: **148561**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dibromo-3-chloropropane	ND	10	0	0	0	0	0	0	0	30	
1,2-Dibromoethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3,5-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
2,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
2-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Isopropyltoluene	ND	5.0	0	0	0	0	0	0	0	30	
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Bromoform	ND	5.0	0	0	0	0	0	0	0	30
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30
Chloroform	ND	5.0	0	0	0	0	0	0	0	30
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30
Dibromomethane	ND	5.0	0	0	0	0	0	0	0	30
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Hexachlorobutadiene	ND	5.0	0	0	0	0	0	0	0	30
Isopropylbenzene	ND	5.0	0	0	0	0	0	0	0	30
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30
n-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
n-Propylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Naphthalene	ND	5.0	0	0	0	0	0	0	0	30
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30
sec-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Styrene	ND	5.0	0	0	0	0	0	0	0	30
tert-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30
Toluene	ND	5.0	0	0	0	0	0	0	0	30
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051578-006ADU** Batch ID: **P01VOCS093** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

DUP SeqNo: **148592**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,1-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2,2-Tetrachloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1,2-Trichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30	
1,1-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,3-Trichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2,4-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dibromo-3-chloropropane	ND	10	0	0	0	0	0	0	0	30	
1,2-Dibromoethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloroethane	ND	5.0	0	0	0	0	0	0	0	30	
1,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,3,5-Trimethylbenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
1,3-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
1,4-Dichlorobenzene	ND	5.0	0	0	0	0	0	0	0	30	
2,2-Dichloropropane	ND	5.0	0	0	0	0	0	0	0	30	
2-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Chlorotoluene	ND	5.0	0	0	0	0	0	0	0	30	
4-Isopropyltoluene	ND	5.0	0	0	0	0	0	0	0	30	
Benzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromobenzene	ND	5.0	0	0	0	0	0	0	0	30	
Bromodichloromethane	ND	5.0	0	0	0	0	0	0	0	30	

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Duplicate

Bromoform	ND	5.0	0	0	0	0	0	0	0	30
Bromomethane	ND	5.0	0	0	0	0	0	0	0	30
Carbon tetrachloride	ND	5.0	0	0	0	0	0	0	0	30
Chlorobenzene	ND	5.0	0	0	0	0	0	0	0	30
Chloroethane	ND	5.0	0	0	0	0	0	0	0	30
Chloroform	ND	5.0	0	0	0	0	0	0	0	30
Chloromethane	ND	5.0	0	0	0	0	0	0	0	30
cis-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
cis-1,3-Dichloropropene	ND	5.0	0	0	0	0	0	0	0	30
Dibromochloromethane	ND	5.0	0	0	0	0	0	0	0	30
Dibromomethane	ND	5.0	0	0	0	0	0	0	0	30
Dichlorodifluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Ethylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Hexachlorobutadiene	ND	5.0	0	0	0	0	0	0	0	30
Isopropylbenzene	ND	5.0	0	0	0	0	0	0	0	30
m,p-Xylene	ND	5.0	0	0	0	0	0	0	0	30
Methylene chloride	ND	5.0	0	0	0	0	0	0	0	30
n-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
n-Propylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Naphthalene	ND	5.0	0	0	0	0	0	0	0	30
o-Xylene	ND	5.0	0	0	0	0	0	0	0	30
sec-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Styrene	ND	5.0	0	0	0	0	0	0	0	30
tert-Butylbenzene	ND	5.0	0	0	0	0	0	0	0	30
Tetrachloroethene	ND	5.0	0	0	0	0	0	0	0	30
Toluene	ND	5.0	0	0	0	0	0	0	0	30
trans-1,2-Dichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichloroethene	ND	5.0	0	0	0	0	0	0	0	30
Trichlorofluoromethane	ND	5.0	0	0	0	0	0	0	0	30
Vinyl chloride	ND	5.0	0	0	0	0	0	0	0	30

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Date: *27-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051567-010AMS** Batch ID: **4579** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MS SeqNo: **149107**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	26	1.0	33	4.4	65	50	150	0			

Sample ID **051567-010AMS** Batch ID: **4579** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date: **6/13/01**
MSD SeqNo: **149108**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	29	1.0	33	4.4	73	50	150	26	12	40	

Sample ID **051567-035AMS** Batch ID: **4580** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/13/01**
MS SeqNo: **149212**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	62	2.0	33	22	122	50	150	0			

Sample ID **051567-035AMS** Batch ID: **4580** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/13/01**
MSD SeqNo: **149213**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	61	2.0	33	22	117	50	150	62	2	40	

Sample ID **051567-055AMS** Batch ID: **4584** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/16/01** Prep Date: **6/13/01**
MS SeqNo: **149223**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	26	1.0	33	1.4	75	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051567-055AMS** Batch ID: **4584** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/16/01** Prep Date: **6/13/01**
MSD SeqNo: **149224**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	29	1.0	33	1.4	83	50	150	26	10	40	

Sample ID **051578-056AMS** Batch ID: **4607** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/17/01** Prep Date: **6/15/01**
MS SeqNo: **149432**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	61	1.0	33	35	78	50	150	0			

Sample ID **051578-056AMS** Batch ID: **4607** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/17/01** Prep Date: **6/15/01**
MSD SeqNo: **149433**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	60	1.0	33	35	76	50	150	61	1	40	

Sample ID **051539-033AMS** Batch ID: **E018G20S123** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:
MS SeqNo: **147372**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.7	1.0	5	0	74	31	113	0			

Sample ID **051539-033AMS** Batch ID: **E018G20S123** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:
MSD SeqNo: **147373**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	1.3	1.0	5	0	25	31	113	3.7	96	25	SR

Qualifiers:
ND - Not Detected at the Reporting Limit
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Initials: [illegible]

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QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051567-034AMS** Batch ID: **E018G20S124** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:
MS SeqNo: **147548**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.3	1.0	5	0	65	31	113	0			

Sample ID **051567-034AMS** Batch ID: **E018G20S124** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:
MSD SeqNo: **147550**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	5	0	0	31	113	3.3	0	25	S

Sample ID **051567-036AMS** Batch ID: **E018G20S125** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
MS SeqNo: **147990**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	3.5	1.0	5	0	71	31	113	0			

Sample ID **051567-036AMS** Batch ID: **E018G20S125** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
MSD SeqNo: **147991**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	2.2	1.0	5	0	44	31	113	3.5	46	25	R

Sample ID **051578-064AMS** Batch ID: **E018G20S128** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
MS SeqNo: **148356**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	2.4	1.0	5	0	47	31	113	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

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QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051578-064AMS** Batch ID: **E018G20S128** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:

MSD SeqNo: **148357**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	ND	1.0	5	0	0	31	113	2.4	0	25	S

Sample ID **051567-002AMS** Batch ID: **4609** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/17/01** Prep Date: **6/15/01**

MS SeqNo: **149553**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	23	4.0	26.6	0	86	40	150	0			
Aldrin	12	2.0	13.3	0	90	40	150	0			
Dieldrin	22	4.0	26.6	0	83	40	150	0			
Endrin	20	4.0	26.6	0	75	40	150	0			
gamma-BHC	11	2.0	13.3	0	83	40	150	0			
Heptachlor	12	2.0	13.3	0	90	40	150	0			

Sample ID **051567-002AMS** Batch ID: **4609** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/17/01** Prep Date: **6/15/01**

MSD SeqNo: **149554**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDT	21	4.0	26.6	0	79	40	150	23	9	50	
Aldrin	11	2.0	13.3	0	83	40	150	12	8	50	
Dieldrin	18	4.0	26.6	0	68	40	150	22	20	50	
Endrin	16	4.0	26.6	0	60	40	150	20	22	50	
gamma-BHC	10	2.0	13.3	0	75	40	150	11	13	50	
Heptachlor	12	2.0	13.3	0	90	40	150	12	2	50	

Qualifiers:
ND - Not Detected at the Reporting Limit
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Initials:

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QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051567-034AMS** Batch ID: **4624** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

MS SeqNo: **149777**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	32	8.0	26.6	7.9	91	40	150	0			
Aldrin	12	4.0	13.3	0	90	40	150	0			
Dieldrin	17	8.0	26.6	0	64	40	150	0			
Endrin	19	8.0	26.6	0	71	40	150	0			
gamma-BHC	9.3	4.0	13.3	0	70	40	150	0			
Heptachlor	13	4.0	13.3	0	98	40	150	0			

Sample ID **051567-034AMS** Batch ID: **4624** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

MSD SeqNo: **149778**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	14	8.0	26.6	7.9	23	40	150	32	77	50	SR
Aldrin	ND	4.0	13.3	0	0	40	150	12	0	50	S
Dieldrin	4	8.0	26.6	0	17	40	150	17	117	50	JSR
Endrin	4	8.0	26.6	0	17	40	150	19	123	50	JSR
gamma-BHC	ND	4.0	13.3	0	0	40	150	9.3	0	50	S
Heptachlor	3	4.0	13.3	0	26	40	150	13	115	50	JSR

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Initials:

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QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051567-055AMS** Batch ID: **4625** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

MS SeqNo: **149893**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	24	4.0	26.6	0	90	40	150	0			
Aldrin	12	2.0	13.3	0	90	40	150	0			
Dieldrin	24	4.0	26.6	0	90	40	150	0			
Endrin	23	4.0	26.6	0	86	40	150	0			
gamma-BHC	11	2.0	13.3	0	83	40	150	0			
Heptachlor	11	2.0	13.3	0	83	40	150	0			

Sample ID **051567-055AMS** Batch ID: **4625** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

MSD SeqNo: **149894**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	22	4.0	26.6	0	83	40	150	24	8	50	
Aldrin	12	2.0	13.3	0	90	40	150	12	1	50	
Dieldrin	19	4.0	26.6	0	71	40	150	24	22	50	
Endrin	17	4.0	26.6	0	64	40	150	23	29	50	
gamma-BHC	9.4	2.0	13.3	0	71	40	150	11	14	50	
Heptachlor	11	2.0	13.3	0	83	40	150	11	2	50	

Qualifiers:
ND - Not Detected at the Reporting Limit
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Initials: _____

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QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051636-011AMS** Batch ID: **4640** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/20/01** Prep Date: **6/18/01**
MS SeqNo: **150616**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	24	4.0	26.6	0	90	40	150	0			
Aldrin	13	2.0	13.3	0	98	40	150	0			
Dieldrin	23	4.0	26.6	0	86	40	150	0			
Endrin	22	4.0	26.6	0	83	40	150	0			
gamma-BHC	12	2.0	13.3	0	90	40	150	0			
Heptachlor	13	2.0	13.3	0	98	40	150	0			

Sample ID **051636-011AMS** Batch ID: **4640** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/20/01** Prep Date: **6/18/01**
MSD SeqNo: **150617**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDT	23	4.0	26.6	0	86	40	150	24	5	50	
Aldrin	12	2.0	13.3	0	90	40	150	13	5	50	
Dieldrin	22	4.0	26.6	0	83	40	150	23	4	50	
Endrin	20	4.0	26.6	0	75	40	150	22	11	50	
gamma-BHC	11	2.0	13.3	0	83	40	150	12	8	50	
Heptachlor	12	2.0	13.3	0	90	40	150	13	8	50	

Sample ID **051567-001AMS** Batch ID: **4609** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/16/01** Prep Date: **6/15/01**
MS SeqNo: **149580**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	330	33	333.3	0	99	50	150	0			
Aroclor 1260	290	33	333.3	0	87	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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DO - Surrogate Diluted Out

Initials:

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QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051567-001AMS** Batch ID: **4609** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/16/01** Prep Date: **6/15/01**
MSD SeqNo: **149581**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	310	33	333.3	0	93	50	150	330	7	50	
Aroclor 1260	300	33	333.3	0	90	50	150	290	4	50	

Sample ID **051567-035AMS** Batch ID: **4624** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
MS SeqNo: **149803**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	360	66	333.3	0	108	50	150	0			
Aroclor 1260	370	66	333.3	0	111	50	150	0			

Sample ID **051567-035AMS** Batch ID: **4624** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
MSD SeqNo: **149804**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	350	66	333.3	0	105	50	150	360	1	50	
Aroclor 1260	370	66	333.3	0	111	50	150	370	1	50	

Sample ID **051567-054AMS** Batch ID: **4625** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/19/01** Prep Date: **6/15/01**
MS SeqNo: **150150**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	320	33	333.3	0	96	50	150	0			
Aroclor 1260	340	33	333.3	15	98	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
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DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051567-054AMS** Batch ID: **4625** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/19/01** Prep Date: **6/15/01**
MSD SeqNo: **150151**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	340	33	333.3	0	102	50	150	320	5	50	
Aroclor 1260	350	33	333.3	15	101	50	150	340	3	50	

Sample ID **051636-012AMS** Batch ID: **4640** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/20/01** Prep Date: **6/18/01**
MS SeqNo: **150663**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	330	33	333.3	0	99	50	150	0			
Aroclor 1260	320	33	333.3	0	96	50	150	0			

Sample ID **051636-012AMS** Batch ID: **4640** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/20/01** Prep Date: **6/18/01**
MSD SeqNo: **150664**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	330	33	333.3	0	99	50	150	330	1	50	
Aroclor 1260	320	33	333.3	0	96	50	150	320	1	50	

Sample ID **051567-014AMS** Batch ID: **P01VOCS089** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date:
MS SeqNo: **147538**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	73	5.0	100	0	73	71	140	0			
Benzene	43	5.0	100	0	43	74	129	0			S
Chlorobenzene	8.4	5.0	100	0	8	44	136	0			S
Toluene	24	5.0	100	0	24	59	142	0			S
Trichloroethene	31	5.0	100	0	31	70	135	0			S

Qualifiers: ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051567-014AMS** Batch ID: **P01VOCS089** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date:

MSD SeqNo: **147539**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	71	5.0	100	0	71	71	140	73	3	26	
Benzene	44	5.0	100	0	44	74	129	43	1	18	S
Chlorobenzene	9.4	5.0	100	0	9	44	136	8.4	11	22	S
Toluene	24	5.0	100	0	24	59	142	24	2	21	S
Trichloroethene	32	5.0	100	0	32	70	135	31	4	20	S

Sample ID **051567-034AMS** Batch ID: **P01VOCS091** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/13/01** Prep Date:

MS SeqNo: **148103**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	92	5.0	100	0	92	71	140	0			
Benzene	85	5.0	100	0	85	74	129	0			
Chlorobenzene	51	5.0	100	0	51	44	136	0			
Toluene	77	5.0	100	0	77	59	142	0			
Trichloroethene	81	5.0	100	0	81	70	135	0			

Sample ID **051567-034AMS** Batch ID: **P01VOCS091** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/13/01** Prep Date:

MSD SeqNo: **148104**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	100	5.0	100	0	104	71	140	92	9	26	
Benzene	100	5.0	100	0	102	74	129	85	16	18	
Chlorobenzene	73	5.0	100	0	73	44	136	51	35	22	R
Toluene	96	5.0	100	0	96	59	142	77	22	21	R
Trichloroethene	97	5.0	100	0	97	70	135	81	18	20	

Qualifiers:
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

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QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051567-057AMS** Batch ID: **P01VOCS092** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

MS SeqNo: **148562**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	74	5.0	100	0	74	71	140	0			
Benzene	69	5.0	100	0	69	74	129	0			S
Chlorobenzene	27	5.0	100	0	27	44	136	0			S
Toluene	54	5.0	100	0	54	59	142	0			S
Trichloroethene	55	5.0	100	0	55	70	135	0			S

Sample ID **051567-057AMS** Batch ID: **P01VOCS092** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

MSD SeqNo: **148563**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	85	5.0	100	0	85	71	140	74	14	26	
Benzene	80	5.0	100	0	80	74	129	69	15	18	
Chlorobenzene	31	5.0	100	0	31	44	136	27	15	22	S
Toluene	60	5.0	100	0	60	59	142	54	11	21	
Trichloroethene	62	5.0	100	0	62	70	135	55	12	20	S

Sample ID **051578-006AMS** Batch ID: **P01VOCS093** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

MS SeqNo: **148593**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	87	5.0	100	0	87	71	140	0			
Benzene	82	5.0	100	0	82	74	129	0			
Chlorobenzene	37	5.0	100	0	37	44	136	0			S
Toluene	66	5.0	100	0	66	59	142	0			
Trichloroethene	69	5.0	100	0	69	70	135	0			S

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051578-006AMS** Batch ID: **P01VOCS093** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

MSD SeqNo: **148594**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1-Dichloroethene	96	5.0	100	0	96	71	140	87	10	26	
Benzene	88	5.0	100	0	88	74	129	82	7	18	
Chlorobenzene	38	5.0	100	0	38	44	136	37	2	22	S
Toluene	68	5.0	100	0	68	59	142	66	3	21	
Trichloroethene	74	5.0	100	0	74	70	135	69	8	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
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Initials: [illegible]

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Date: *27-Jun-01*

CLIENT: Geocon Environmental
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Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4579** Batch ID: **4579** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
LCS SeqNo: **149106**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	25	1.0	33	0	75	60	140	0			

Sample ID **LCS-4579** Batch ID: **4579** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/16/01** Prep Date: **6/13/01**
LCS SeqNo: **149132**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	30	1.0	33	0	91	60	140	0			

Sample ID **LCS-4580** Batch ID: **4580** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/15/01** Prep Date: **6/13/01**
LCS SeqNo: **149165**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	26	1.0	33	0	79	60	140	0			

Sample ID **LCS-4580** Batch ID: **4580** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/18/01** Prep Date: **6/13/01**
LCS SeqNo: **149211**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	30	1.0	33	0	90	60	140	0			

Sample ID **LCS-4584** Batch ID: **4584** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/15/01** Prep Date: **6/13/01**
LCS SeqNo: **149216**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	30	1.0	33	0	92	60	140	0			

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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

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QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4607** Batch ID: **4607** Test Name **DIESEL & MOTOR OIL RANGE ORGANICS BY** Units **mg/Kg** Analysis Date: **6/17/01** Prep Date: **6/15/01**
LCS SeqNo: **149431**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Diesel	41	1.0	33	0.6	124	60	140	0			

Sample ID **010612LCSS1** Batch ID: **E018G20S123** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date:
LCS SeqNo: **147384**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.3	1.0	5	0	86	64	128	0			

Sample ID **010612LCSS2** Batch ID: **E018G20S124** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
LCS SeqNo: **147569**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.3	1.0	5	0	86	64	128	0			

Sample ID **010613LCSS1** Batch ID: **E018G20S125** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date:
LCS SeqNo: **148005**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.8	1.0	5	0	95	64	128	0			

Sample ID **010614LCSS1** Batch ID: **E018G20S128** Test Name **GASOLINE RANGE ORGANICS BY GC/FID** Units **mg/Kg** Analysis Date: **6/14/01** Prep Date:
LCS SeqNo: **149047**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
GRO	4.6	1.0	5	0	91	64	128	0			

Qualifiers:
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4609** Batch ID: **4609** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/16/01** Prep Date: **6/15/01**

LCS SeqNo: **149550**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	31	4.0	33.3	0	93	50	150	0			
4,4'-DDE	32	4.0	33.3	0	96	50	150	0			
4,4'-DDT	31	4.0	33.3	0	93	50	150	0			
Aldrin	32	2.0	33.3	0	96	50	150	0			
alpha-BHC	32	2.0	33.3	0	96	50	150	0			
alpha-Chlordane	31	4.0	33.3	0	93	50	150	0			
beta-BHC	31	2.0	33.3	0	93	50	150	0			
delta-BHC	25	2.0	33.3	0	75	50	150	0			
Dieldrin	33	4.0	33.3	0	99	50	150	0			
Endosulfan I	32	2.0	33.3	0	96	50	150	0			
Endosulfan II	32	4.0	33.3	0	96	50	150	0			
Endosulfan sulfate	30	4.0	33.3	0	90	50	150	0			
Endrin	34	4.0	33.3	0	102	50	150	0			
Endrin aldehyde	33	4.0	33.3	0	99	50	150	0			
Endrin ketone	31	4.0	33.3	0	93	50	150	0			
gamma-BHC	33	2.0	33.3	0	99	50	150	0			
gamma-Chlordane	31	4.0	33.3	0	93	50	150	0			
Heptachlor	32	2.0	33.3	0	96	50	150	0			
Heptachlor epoxide	31	2.0	33.3	0	93	50	150	0			
Methoxychlor	35	17	33.3	0	105	50	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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Initials: _____

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QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4624** Batch ID: **4624** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

LCS SeqNo: **149774**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	34	4.0	33.3	0	102	50	150	0			
4,4'-DDE	34	4.0	33.3	0	102	50	150	0			
4,4'-DDT	34	4.0	33.3	0	102	50	150	0			
Aldrin	34	2.0	33.3	0	102	50	150	0			
alpha-BHC	34	2.0	33.3	0	102	50	150	0			
alpha-Chlordane	33	4.0	33.3	0	99	50	150	0			
beta-BHC	33	2.0	33.3	0	99	50	150	0			
delta-BHC	26	2.0	33.3	0	78	50	150	0			
Dieldrin	35	4.0	33.3	0	105	50	150	0			
Endosulfan I	33	2.0	33.3	0	99	50	150	0			
Endosulfan II	34	4.0	33.3	0	102	50	150	0			
Endosulfan sulfate	33	4.0	33.3	0	99	50	150	0			
Endrin	37	4.0	33.3	0	111	50	150	0			
Endrin aldehyde	36	4.0	33.3	0	108	50	150	0			
Endrin ketone	34	4.0	33.3	0	102	50	150	0			
gamma-BHC	36	2.0	33.3	0	108	50	150	0			
gamma-Chlordane	33	4.0	33.3	0	99	50	150	0			
Heptachlor	35	2.0	33.3	0	105	50	150	0			
Heptachlor epoxide	33	2.0	33.3	0	99	50	150	0			
Methoxychlor	39	17	33.3	0	117	50	150	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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Initials: _____

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QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4625** Batch ID: **4625** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**

LCS SeqNo: **149892**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4'-DDD	31	4.0	33.3	0	93	50	150	0			
4,4'-DDE	31	4.0	33.3	0	93	50	150	0			
4,4'-DDT	31	4.0	33.3	0	93	50	150	0			
Aldrin	30	2.0	33.3	0	90	50	150	0			
alpha-BHC	29	2.0	33.3	0	87	50	150	0			
alpha-Chlordane	30	4.0	33.3	0	90	50	150	0			
beta-BHC	29	2.0	33.3	0	87	50	150	0			
delta-BHC	23	2.0	33.3	0	69	50	150	0			
Dieldrin	31	4.0	33.3	0	93	50	150	0			
Endosulfan I	30	2.0	33.3	0	90	50	150	0			
Endosulfan II	31	4.0	33.3	0	93	50	150	0			
Endosulfan sulfate	31	4.0	33.3	0	93	50	150	0			
Endrin	33	4.0	33.3	0	99	50	150	0			
Endrin aldehyde	32	4.0	33.3	0	96	50	150	0			
Endrin ketone	32	4.0	33.3	0	96	50	150	0			
gamma-BHC	30	2.0	33.3	0	90	50	150	0			
gamma-Chlordane	31	4.0	33.3	0	93	50	150	0			
Heptachlor	29	2.0	33.3	0	87	50	150	0			
Heptachlor epoxide	30	2.0	33.3	0	90	50	150	0			
Methoxychlor	35	17	33.3	0	105	50	150	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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Initials: _____

All calculations are based on raw values.

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Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4640** Batch ID: **4640** Test Name **ORGANOCHLORINE PESTICIDES BY GC/ECD** Units **µg/Kg** Analysis Date: **6/20/01** Prep Date: **6/18/01**

LCS SeqNo: **150615**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4,4´-DDD	34	4.0	33.3	0	102	50	150	0			
4,4´-DDE	35	4.0	33.3	0	105	50	150	0			
4,4´-DDT	34	4.0	33.3	0	102	50	150	0			
Aldrin	34	2.0	33.3	0	102	50	150	0			
alpha-BHC	36	2.0	33.3	0	108	50	150	0			
alpha-Chlordane	34	4.0	33.3	0	102	50	150	0			
beta-BHC	34	2.0	33.3	0	102	50	150	0			
delta-BHC	26	2.0	33.3	0	78	50	150	0			
Dieldrin	35	4.0	33.3	0	105	50	150	0			
Endosulfan I	34	2.0	33.3	0	102	50	150	0			
Endosulfan II	34	4.0	33.3	0	102	50	150	0			
Endosulfan sulfate	33	4.0	33.3	0	99	50	150	0			
Endrin	37	4.0	33.3	0	111	50	150	0			
Endrin aldehyde	36	4.0	33.3	0	108	50	150	0			
Endrin ketone	34	4.0	33.3	0	102	50	150	0			
gamma-BHC	36	2.0	33.3	0	108	50	150	0			
gamma-Chlordane	34	4.0	33.3	0	102	50	150	0			
Heptachlor	34	2.0	33.3	0	102	50	150	0			
Heptachlor epoxide	34	2.0	33.3	0	102	50	150	0			
Methoxychlor	38	17	33.3	0	114	50	150	0			

Sample ID **LCS-4609** Batch ID: **4609** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/16/01** Prep Date: **6/15/01**

LCS SeqNo: **149579**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	280	33	333.3	0	84	50	150	0			
Aroclor 1260	280	33	333.3	0	84	50	150	0			

Qualifiers:
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4624** Batch ID: **4624** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/18/01** Prep Date: **6/15/01**
LCS SeqNo: **149794**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	290	33	333.3	0	87	50	150	0			
Aroclor 1260	310	33	333.3	0	93	50	150	0			

Sample ID **LCS-4625** Batch ID: **4625** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/19/01** Prep Date: **6/15/01**
LCS SeqNo: **150149**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	300	33	333.3	0	90	50	150	0			
Aroclor 1260	330	33	333.3	0	99	50	150	0			

Sample ID **LCS-4640** Batch ID: **4640** Test Name **PCBs BY GC/ECD** Units **µg/Kg** Analysis Date: **6/20/01** Prep Date: **6/18/01**
LCS SeqNo: **150662**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Aroclor 1016	300	33	333.3	0	90	50	150	0			
Aroclor 1260	310	33	333.3	0	93	50	150	0			

Qualifiers:
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J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: PA

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **010612LCSS1** Batch ID: **P01VOCS089** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/12/01** Prep Date:

LCS SeqNo: **147529**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	100	5.0	100	0	101	30	150	0			
1,1,2,2-Tetrachloroethane	100	5.0	100	0	102	30	150	0			
1,1,2-Trichloroethane	110	5.0	100	0	111	30	150	0			
1,1-Dichloroethane	94	5.0	100	0	94	30	150	0			
1,1-Dichloroethene	96	5.0	100	0	96	30	150	0			
1,2-Dichlorobenzene	110	5.0	100	0	108	30	150	0			
1,2-Dichloroethane	100	5.0	100	0	102	30	150	0			
1,2-Dichloropropane	110	5.0	100	0	108	30	150	0			
1,3-Dichlorobenzene	110	5.0	100	0	109	30	150	0			
1,4-Dichlorobenzene	110	5.0	100	0	109	30	150	0			
Benzene	110	5.0	100	0	108	30	150	0			
Bromodichloromethane	110	5.0	100	0	109	30	150	0			
Bromoform	120	5.0	100	0	116	30	150	0			
Bromomethane	90	5.0	100	0	90	30	150	0			
Carbon tetrachloride	110	5.0	100	0	105	30	150	0			
Chlorobenzene	110	5.0	100	0	108	30	150	0			
Chloroethane	97	5.0	100	0	97	30	150	0			
Chloroform	100	5.0	100	0	100	30	150	0			
Chloromethane	82	5.0	100	0	82	30	150	0			
cis-1,3-Dichloropropene	120	5.0	100	0	117	30	150	0			
Ethylbenzene	110	5.0	100	0	111	30	150	0			
m,p-Xylene	220	5.0	200	0	110	30	150	0			
Methylene chloride	100	5.0	100	0	102	30	150	0			
o-Xylene	110	5.0	100	0	110	30	150	0			
Tetrachloroethene	110	5.0	100	0	111	30	150	0			
Toluene	110	5.0	100	0	109	30	150	0			
trans-1,2-Dichloroethene	100	5.0	100	0	101	30	150	0			

Qualifiers:
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DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Trichloroethene	110	5.0	100	0	111	30	150	0
Trichlorofluoromethane	87	5.0	100	0	87	30	150	0
Vinyl chloride	88	5.0	100	0	88	30	150	0

Qualifiers:
ND - Not Detected at the Reporting Limit
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R - RPD outside accepted recovery limits
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **010613LCSS1** Batch ID: **P01VOCS091** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/13/01** Prep Date:

LCS SeqNo: **148095**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	110	5.0	100	0	110	30	150	0			
1,1,2,2-Tetrachloroethane	95	5.0	100	0	95	30	150	0			
1,1,2-Trichloroethane	110	5.0	100	0	108	30	150	0			
1,1-Dichloroethane	100	5.0	100	0	104	30	150	0			
1,1-Dichloroethene	100	5.0	100	0	102	30	150	0			
1,2-Dichlorobenzene	100	5.0	100	0	105	30	150	0			
1,2-Dichloroethane	100	5.0	100	0	104	30	150	0			
1,2-Dichloropropane	110	5.0	100	0	107	30	150	0			
1,3-Dichlorobenzene	110	5.0	100	0	105	30	150	0			
1,4-Dichlorobenzene	110	5.0	100	0	106	30	150	0			
Benzene	110	5.0	100	0	110	30	150	0			
Bromodichloromethane	110	5.0	100	0	109	30	150	0			
Bromoform	110	5.0	100	0	109	30	150	0			
Bromomethane	100	5.0	100	0	100	30	150	0			
Carbon tetrachloride	110	5.0	100	0	112	30	150	0			
Chlorobenzene	110	5.0	100	0	109	30	150	0			
Chloroethane	100	5.0	100	0	101	30	150	0			
Chloroform	110	5.0	100	0	106	30	150	0			
Chloromethane	86	5.0	100	0	86	30	150	0			
cis-1,3-Dichloropropene	110	5.0	100	0	114	30	150	0			
Ethylbenzene	110	5.0	100	0	113	30	150	0			
m,p-Xylene	230	5.0	200	0	113	30	150	0			
Methylene chloride	100	5.0	100	0	100	30	150	0			
o-Xylene	110	5.0	100	0	112	30	150	0			
Tetrachloroethene	110	5.0	100	0	112	30	150	0			
Toluene	110	5.0	100	0	113	30	150	0			
trans-1,2-Dichloroethene	100	5.0	100	0	104	30	150	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Trichloroethene	110	5.0	100	0	110	30	150	0
Trichlorofluoromethane	96	5.0	100	0	96	30	150	0
Vinyl chloride	92	5.0	100	0	92	30	150	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **010614LCSS1** Batch ID: **P01VOCS092** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

LCS SeqNo: **148556**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	110	5.0	100	0	114	30	150	0			
1,1,2,2-Tetrachloroethane	96	5.0	100	0	96	30	150	0			
1,1,2-Trichloroethane	110	5.0	100	0	114	30	150	0			
1,1-Dichloroethane	120	5.0	100	0	117	30	150	0			
1,1-Dichloroethene	110	5.0	100	0	113	30	150	0			
1,2-Dichlorobenzene	100	5.0	100	0	103	30	150	0			
1,2-Dichloroethane	110	5.0	100	0	110	30	150	0			
1,2-Dichloropropane	110	5.0	100	0	112	30	150	0			
1,3-Dichlorobenzene	100	5.0	100	0	103	30	150	0			
1,4-Dichlorobenzene	100	5.0	100	0	105	30	150	0			
Benzene	110	5.0	100	0	114	30	150	0			
Bromodichloromethane	110	5.0	100	0	114	30	150	0			
Bromoform	110	5.0	100	0	113	30	150	0			
Bromomethane	110	5.0	100	0	107	30	150	0			
Carbon tetrachloride	120	5.0	100	0	116	30	150	0			
Chlorobenzene	110	5.0	100	0	108	30	150	0			
Chloroethane	110	5.0	100	0	110	30	150	0			
Chloroform	110	5.0	100	0	111	30	150	0			
Chloromethane	92	5.0	100	0	92	30	150	0			
cis-1,3-Dichloropropene	120	5.0	100	0	118	30	150	0			
Ethylbenzene	110	5.0	100	0	111	30	150	0			
m,p-Xylene	230	5.0	200	0	113	30	150	0			
Methylene chloride	120	5.0	100	0	121	30	150	0			
o-Xylene	110	5.0	100	0	111	30	150	0			
Tetrachloroethene	110	5.0	100	0	111	30	150	0			
Toluene	120	5.0	100	0	116	30	150	0			
trans-1,2-Dichloroethene	120	5.0	100	0	121	30	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Trichloroethene	110	5.0	100	0	114	30	150	0
Trichlorofluoromethane	100	5.0	100	0	103	30	150	0
Vinyl chloride	98	5.0	100	0	98	30	150	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **010614LCSS1** Batch ID: **P01VOCS093** Test Name **VOLATILE ORGANIC COMPOUNDS BY GC/MS** Units **µg/Kg** Analysis Date: **6/14/01** Prep Date:

LCS SeqNo: **148589**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,1,1-Trichloroethane	110	5.0	100	0	114	30	150	0			
1,1,2,2-Tetrachloroethane	97	5.0	100	0	97	30	150	0			
1,1,2-Trichloroethane	110	5.0	100	0	110	30	150	0			
1,1-Dichloroethane	110	5.0	100	0	113	30	150	0			
1,1-Dichloroethene	110	5.0	100	0	108	30	150	0			
1,2-Dichlorobenzene	110	5.0	100	0	106	30	150	0			
1,2-Dichloroethane	110	5.0	100	0	109	30	150	0			
1,2-Dichloropropane	110	5.0	100	0	110	30	150	0			
1,3-Dichlorobenzene	100	5.0	100	0	105	30	150	0			
1,4-Dichlorobenzene	110	5.0	100	0	106	30	150	0			
Benzene	110	5.0	100	0	111	30	150	0			
Bromodichloromethane	110	5.0	100	0	109	30	150	0			
Bromoform	110	5.0	100	0	114	30	150	0			
Bromomethane	110	5.0	100	0	105	30	150	0			
Carbon tetrachloride	110	5.0	100	0	114	30	150	0			
Chlorobenzene	110	5.0	100	0	109	30	150	0			
Chloroethane	110	5.0	100	0	109	30	150	0			
Chloroform	110	5.0	100	0	111	30	150	0			
Chloromethane	94	5.0	100	0	94	30	150	0			
cis-1,3-Dichloropropene	120	5.0	100	0	115	30	150	0			
Ethylbenzene	110	5.0	100	0	113	30	150	0			
m,p-Xylene	230	5.0	200	0	114	30	150	0			
Methylene chloride	110	5.0	100	0	112	30	150	0			
o-Xylene	110	5.0	100	0	113	30	150	0			
Tetrachloroethene	110	5.0	100	0	110	30	150	0			
Toluene	110	5.0	100	0	115	30	150	0			
trans-1,2-Dichloroethene	120	5.0	100	0	116	30	150	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

Advanced Technology Laboratories

3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Trichloroethene	110	5.0	100	0	110	30	150	0
Trichlorofluoromethane	100	5.0	100	0	104	30	150	0
Vinyl chloride	100	5.0	100	0	100	30	150	0

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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Advanced Technology Laboratories

Date: *27-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4698** Batch ID: **4698** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/25/01** Prep Date: **6/20/01**
MBLK SeqNo: **151709**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	ND	0.10		0				0			
Chromium	ND	0.10		0				0			
Copper	ND	0.10		0				0			

Sample ID **MB-4701** Batch ID: **4701** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
MBLK SeqNo: **152669**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	ND	0.10		0				0			
Copper	ND	0.10		0				0			
Nickel	ND	0.10		0				0			

Sample ID **MB-4675** Batch ID: **4675** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
mblk SeqNo: **151371**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15		0				0			

Sample ID **MB-4675A STLC** Batch ID: **4675** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
mblk SeqNo: **151372**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15	0	0	0	0	0	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
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B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories

Print Date: *27-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	WET/ EPA 7420
Lab Order:	051567	**Units:**	mg/L
Project:	Oakland Mole - E8000-06-13	**Analyst:**	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051567-001A	PL3-1	Solid/ STLC Extract	6/8/01	4700	0.23	0.15		1	6/27/01
051567-005A	PL4-1	Solid/ STLC Extract	6/8/01	4675	18	0.3		2	6/24/01
051567-006A	PL4-3	Solid/ STLC Extract	6/8/01	4675	1.7	0.15		1	6/24/01
051567-017A	SS3-0	Solid/ STLC Extract	6/8/01	4675	3.4	0.15		1	6/24/01
051567-018A	SS3-1	Solid/ STLC Extract	6/8/01	4675	41	0.45		3	6/24/01
051567-022A	AR3-1	Solid/ STLC Extract	6/8/01	4700	55	0.75		5	6/27/01
051567-025A	AR2-1	Solid/ STLC Extract	6/8/01	4675	1.5	0.15		1	6/24/01
051567-026A	AR2-3	Solid/ STLC Extract	6/8/01	4675	55	0.6		4	6/24/01
051567-027A	AR4-0	Solid/ STLC Extract	6/8/01	4675	22	0.3		2	6/24/01
051567-030A	AR1-0	Solid/ STLC Extract	6/8/01	4700	33	0.45		3	6/27/01
051567-031A	AR1-1	Solid/ STLC Extract	6/8/01	4700	17	0.3		2	6/27/01
051567-032A	AR1-3	Solid/ STLC Extract	6/8/01	4700	27	0.3		2	6/27/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

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Advanced Technology Laboratories

Print Date: *27-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	WET/ EPA 7420
Lab Order:	051567	**Units:**	mg/L
Project:	Oakland Mole - E8000-06-13	**Analyst:**	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051567-034A	DB4-1	Solid/ STLC Extract	6/8/01	4675	5.6	0.15		1	6/24/01
051567-035A	DB4-3	Solid/ STLC Extract	6/8/01	4675	4.5	0.15		1	6/24/01
051567-037A	DB2-3	Solid/ STLC Extract	6/8/01	4675	20	0.3		2	6/24/01
051567-038A	DB2-0	Solid/ STLC Extract	6/8/01	4675	38	0.45		3	6/24/01
051567-039A	DB1-0	Solid/ STLC Extract	6/8/01	4700	170	2.4		16	6/27/01
051567-045A	MD15	Solid/ STLC Extract	6/8/01	4675	5.9	0.15		1	6/24/01
051567-047A	UT16-3	Solid/ STLC Extract	6/8/01	4700	6.0	0.15		1	6/27/01
051567-049A	UT17-0	Solid/ STLC Extract	6/8/01	4675	36	0.45		3	6/24/01
051567-053A	UT18-0	Solid/ STLC Extract	6/8/01	4700	7.1	0.15		1	6/27/01
051567-054A	UT18-1	Solid/ STLC Extract	6/8/01	4700	5.4	0.15		1	6/27/01
051567-056A	UT18-5	Solid/ STLC Extract	6/8/01	4700	0.90	0.15		1	6/27/01
051567-057A	MD17-0	Solid/ STLC Extract	6/8/01	4701	19	0.3		2	6/27/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *27-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	WET/ EPA 7420
Lab Order:	051567	**Units:**	mg/L
Project:	Oakland Mole - E8000-06-13	**Analyst:**	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051567-059A	MD18-0	Solid/ STLC Extract	6/8/01	4675	16	0.3		2	6/24/01
051567-060A	MD18-1	Solid/ STLC Extract	6/8/01	4675	6.8	0.15		1	6/24/01
051567-061A	MD16-0	Solid/ STLC Extract	6/8/01	4675	4.5	0.15		1	6/24/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories *3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040*

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-013A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS				**WET/ EPA 6010B**		
RunID: **ICP2_010627C** BatchID: **4701**				PrepDate: **6/25/01**		Analyst: **RQ**
Chromium	2.5	1.0		mg/L	10	6/27/01
Copper	160	1.0		mg/L	10	6/27/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-5
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-015A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS				**WET/ EPA 6010B**		
RunID: **ICP2_010627C** BatchID: **4701**				PrepDate: **6/25/01**		Analyst: **RQ**
Copper	3.0	1.0		mg/L	10	6/27/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-016A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS				**WET/ EPA 6010B**		
RunID: **ICP2_010627C** BatchID: **4701**				PrepDate: **6/25/01**		Analyst: **RQ**
Chromium	ND	1.0		mg/L	10	6/27/01
Copper	24	1.0		mg/L	10	6/27/01
Nickel	ND	1.0		mg/L	10	6/27/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR4-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:10:00 AM
Lab ID:	051567-028A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS				**WET/ EPA 6010B**		
RunID: **ICP2_010625A** BatchID: **4698**				PrepDate: **6/20/01**		Analyst: **RQ**
Cadmium	ND	1.0		mg/L	10	6/25/01
Chromium	ND	1.0		mg/L	10	6/25/01
Copper	32	1.0		mg/L	10	6/25/01

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- DO - Surrogate Diluted Out
- S - Spike/Surrogate outside of limits due to matrix interference.
- H - Samples exceeding analytical holding time
- E - Value above quantitation range
- M - Not Monitored. Highly Reactive

Initials: [illegible]

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT16-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:00:00 PM
Lab ID:	051567-046A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS				**WET/ EPA 6010B**		
RunID: **ICP2_010627C** BatchID: **4701**				PrepDate: **6/25/01**		Analyst: **RQ**
Chromium	ND	1.0		mg/L	10	6/27/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/27/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT16-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:00:00 PM
Lab ID:	051567-048A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS				**WET/ EPA 6010B**		
RunID: **ICP2_010627C** BatchID: **4701**				PrepDate: **6/25/01**		Analyst: **RQ**
Chromium	ND	1.0		mg/L	10	6/27/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: (D

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Advanced Technology Laboratories

Print Date: *27-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	EPA 1311/ 7420
Lab Order:	051567	**Units:**	mg/L
Project:	Oakland Mole - E8000-06-13	**Analyst:**	NS

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051567-013A	SS4-1	Solid/ TCLP Extract	6/8/01	4687	28	0.3		2	6/24/01
051567-014A	SS4-3	Solid/ TCLP Extract	6/8/01	4687	2.3	0.15		1	6/24/01
051567-016A	SS4-0	Solid/ TCLP Extract	6/8/01	4687	2.9	0.15		1	6/24/01
051567-021A	AR3-0	Solid/ TCLP Extract	6/8/01	4687	6.8	0.15		1	6/24/01
051567-028A	AR4-1	Solid/ TCLP Extract	6/8/01	4687	1.6	0.15		1	6/24/01
051567-036A	DB2-1	Solid/ TCLP Extract	6/8/01	4687	1.8	0.15		1	6/24/01
051567-046A	UT16-1	Solid/ TCLP Extract	6/8/01	4687	0.23	0.15		1	6/24/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4675B** Batch ID: **4675** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
mblk SeqNo: **151385**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15	0	0	0	0	0	0			

Sample ID **MB-4700** Batch ID: **4700** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
MBLK SeqNo: **152594**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15		0				0			

Sample ID **MB-4700ASTLC** Batch ID: **4700** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
MBLK SeqNo: **152595**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15	0	0	0	0	0	0			

Sample ID **MB-4701** Batch ID: **4701** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
MBLK SeqNo: **152610**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15		0				0			

Sample ID **MB-4701STLC** Batch ID: **4701** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
MBLK SeqNo: **152611**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15	0	0	0	0	0	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4687** Batch ID: **4687** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/22/01**
MBLK SeqNo: **151494**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15		0				0			

Sample ID **MB-4671-TCLP** Batch ID: **4687** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/22/01**
MBLK SeqNo: **151495**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	0.15	0	0	0	0	0	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *27-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051509-006ADU** Batch ID: **4698** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/25/01** Prep Date: **6/20/01**
DUP SeqNo: **151716**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	ND	1.0	0	0	0	0	0	0	0	30	
Chromium	1.6	1.0	0	0	0	0	0	1.7	6	30	
Copper	ND	1.0	0	0	0	0	0	0	0	30	

Sample ID **051567-048ADU** Batch ID: **4701** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
DUP SeqNo: **152675**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	0.1	1.0	0	0	0	0	0	0.1	0	30	J
Copper	0.3	1.0	0	0	0	0	0	0.3	0	30	J
Nickel	1.4	1.0	0	0	0	0	0	1.4	0	30	

Sample ID **051567-035ADU** Batch ID: **4675** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
DUP SeqNo: **151383**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4	0.15	0	0	0	0	0	4.5	12	30	

Sample ID **051567-061ADU** Batch ID: **4675** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
DUP SeqNo: **151393**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	4.4	0.15	0	0	0	0	0	4.5	2	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-056ADU** Batch ID: **4700** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
DUP SeqNo: **152606**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.2	0.15	0	0	0	0	0	0.9	28	30	

Sample ID **051567-057ADU** Batch ID: **4701** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
DUP SeqNo: **152613**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	19	0.30	0	0	0	0	0	19	0	30	

Sample ID **051567-028ADU** Batch ID: **4687** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/22/01**
DUP SeqNo: **151503**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.7	0.15	0	0	0	0	0	1.6	7	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

Advanced Technology Laboratories
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Advanced Technology Laboratories

Date: *27-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051509-006AMS** Batch ID: **4698** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/25/01** Prep Date: **6/20/01**
MS SeqNo: **151717**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	23	1.0	25	0	90	63	123	0			
Chromium	25	1.0	25	1.7	94	68	118	0			
Copper	28	1.0	25	0	113	72	123	0			

Sample ID **051509-006AMS** Batch ID: **4698** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/25/01** Prep Date: **6/20/01**
MSD SeqNo: **151718**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	23	1.0	25	0	91	63	123	23	2	20	
Chromium	26	1.0	25	1.7	95	68	118	25	3	20	
Copper	28	1.0	25	0	114	72	123	28	1	20	

Sample ID **051567-048AMS** Batch ID: **4701** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
MS SeqNo: **152676**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	23	1.0	25	0.1	92	68	118	0			
Copper	25	1.0	25	0.3	100	72	123	0			
Nickel	24	1.0	25	1.4	92	64	121	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051567-048AMS** Batch ID: **4701** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
MSD SeqNo: **152677**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	24	1.0	25	0.1	94	68	118	23	4	20	
Copper	26	1.0	25	0.3	102	72	123	25	3	20	
Nickel	25	1.0	25	1.4	94	64	121	24	2	20	

Sample ID **051567-035AMS** Batch ID: **4675** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
MS SeqNo: **151384**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9	0.15	5	4.5	90	80	120	0			

Sample ID **051567-061AMS** Batch ID: **4675** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
MS SeqNo: **151394**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.8	0.15	5	4.5	86	80	120	0			

Sample ID **051567-056AMS** Batch ID: **4700** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
MS SeqNo: **152607**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	6	0.15	5	0.9	102	80	120	0			

Sample ID **051567-056AMS** Batch ID: **4700** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
MSD SeqNo: **152608**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	6	0.15	5	0.9	103	80	120	6	0	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: (n)

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051567-057AMS** Batch ID: **4701** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
MS SeqNo: **152614**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	29	0.30	10	19	104	80	120	0			

Sample ID **051567-057AMS** Batch ID: **4701** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
MSD SeqNo: **152615**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	30	0.30	10	19	114	80	120	29	2	20	E

Sample ID **051567-028AMS** Batch ID: **4687** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/22/01**
MS SeqNo: **151504**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	3.9	0.15	2.5	1.6	93	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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Advanced Technology Laboratories

Date: *27-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4698** Batch ID: **4698** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/25/01** Prep Date: **6/20/01**
LCS SeqNo: **151710**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Cadmium	0.93	0.10	1	0	93	80	120	0			
Chromium	0.93	0.10	1	0	93	80	120	0			
Copper	0.98	0.10	1	0	98	80	120	0			

Sample ID **LCS-4701** Batch ID: **4701** Test Name **ICP METALS** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
LCS SeqNo: **152678**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chromium	1	0.10	1	0	102	80	120	0			
Copper	1	0.10	1	0	100	80	120	0			
Nickel	0.99	0.10	1	0	99	80	120	0			

Sample ID **LCS-4675** Batch ID: **4675** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/21/01**
lcs SeqNo: **151396**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	8.7	0.15	10	0	87	80	120	0			

Sample ID **LCS-4700** Batch ID: **4700** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**
LCS SeqNo: **152609**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	10	0.15	10	0	101	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Laboratory Control Spike - generic

Sample ID **LCS-4701** Batch ID: **4701** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/27/01** Prep Date: **6/25/01**

LCS SeqNo: **152616**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	9.8	0.15	10	0	98	80	120	0			

Sample ID **LCS-4687** Batch ID: **4687** Test Name **LEAD BY ATOMIC ABSORPTION** Units **mg/L** Analysis Date: **6/24/01** Prep Date: **6/22/01**

LCS SeqNo: **151506**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1.1	0.15	1	0.086	105	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

American Environmental Testing Laboratory Inc.

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Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • AETLAB@AOL.COM

Ordered By

Advanced Technology Laboratories
3275 Walnut Street
Signal Hill, CA 90807

Number of Pages	10
Date Received	06/15/2001
Date Reported	06/25/2001

Telephone: (562)989-4045
Attention: Diane Galvan

Job Number	Order Date	Client
19130	06/15/2001	ATL

Project ID: 051567

Enclosed please find results of analyses of 18 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: _____ Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director

American Environmental Testing Laboratory Inc.

2834 North Naomi Street Burbank, CA 91504 • DOHS NO: 1541, LACSD NO: 10181
Tel: (888) 288-AETL • (818) 845-8200 • Fax: (818) 845-8840 • AETLAB@AOL.COM

Data Qualifiers and Descriptors

Data Qualifier:

B:	Analyte was present in the Method Blank.
D:	Result is from a diluted analysis.
E:	Result is beyond calibration limits and is estimated.
J:	Analyte was detected . However, the analyte concentration is an estimated value, which is between the Method Detection Limit (MDL) and the Practical Quantitation Limit (PQL).

Definition:

%Limi:	Percent acceptable limits.
%REC:	Percent recovery.
Con.L:	Acceptable Control Limits
Conce:	Added concentration to the sample.
LCS:	Laboratory Control Sample
MDL:	Method Detection Limit
MS:	Matrix Spike
MS DU:	Matrix Spike Duplicate
ND:	Analyte was not detected in the sample at or above MDL.
PQL:	Practical Quantitation Limit or ML (Minimum Level as per RWQCB) is the minimum concentration that can be quantified with more than 99% confidence. Taking into account all aspects of the entire analytical instrumentation and practice.
Recov:	Recovered concentration in the sample.
RPD:	Relative Percent Difference

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Attention: Diane Galvan

Number of Pages 10
Date Received 06/15/2001
Date Reported 06/29/2001

Job Number	Order Date	Client
19132	06/15/2001	ATL

Enclosed please find results of analyses of 14 soil samples which were analyzed as specified on the attached chain of custody. If there are any questions, please do not hesitate to call.

Checked By: Razmara

Approved By: _____

Cyrus Razmara, Ph.D.
Laboratory Director

#7054 P.003/012
AETL
JUN.29'2001 11:36 818 845 9840

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SUB CHAIN-OF-CUSTODY RECORD

19132

Subcontractor:
AETL
2834 North Naomi Street
Burbank, CA 91504

TEL: (818) 845-8200
FAX: (818) 845-8840

Acct #:

QClevel: CT-TR1

14-Jun-01

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests: ~~EPA 6100~~	8310			
					gm 6-15-01			
051567-035A \ DB4-3	Soil	6/8/01 11:10:00 AM	TUBE	1				AE100229
051567-036A \ DB2-1	Soil	6/8/01 11:26:00 AM	TUBE	1				AE100230
051567-037A \ DB2-3	Soil	6/8/01 11:26:00 AM	TUBE	1				AE100231
051567-038A \ DB2-0	Soil	6/8/01 11:23:00 AM	TUBE	1				AE100232
051567-045A \ MD15	Soil	6/8/01 12:50:00 PM	TUBE	1				AE100233
051567-046A \ UT16-1	Soil	6/8/01 1:00:00 PM	TUBE	1				AE100234
051567-047A \ UT16-3	Soil	6/8/01 1:00:00 PM	TUBE	1				AE100235
051567-048A \ UT16-0	Soil	6/8/01 1:00:00 PM	TUBE	1				AE100236
051567-053A \ UT18-0	Soil	6/8/01 1:20:00 PM	TUBE	1				AE100237
051567-054A \ UT18-1	Soil	6/8/01 1:30:00 PM	TUBE	1				AE100238
051567-055A \ UT18-3	Soil	6/8/01 1:30:00 PM	TUBE	1				AE100239
051567-056A \ UT18-5	Soil	6/8/01 1:30:00 PM	TUBE	1				AE100240
051567-057A \ MD17-0	Soil	6/8/01 2:00:00 PM	TUBE	1				AE100241
051567-058A \ MD17-1	Soil	6/8/01 2:00:00 PM	TUBE	1				AE100242

Comments: Please use PO#: 21424 Please fax results by: [redacted] Normal TAT

	Date/Time		Date/Time
Relinquished by: [signature]	6/14/01 2:00	Received by: [signature]	6/15/01 - 10:00
Relinquished by:		Received by:	

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Telephone: (562)989-4045
Attn: Diane Galvan

AETL Job Number	Submitted	Client
19132	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06212001 / 06212001

Our Lab I.D.				AE100229	AE100230	AE100231	
Client Sample I.D.			Method Blank	051567-035A	051567-036A	051567-037A	
Date Sampled			06/08/2001	06/08/2001	06/08/2001	06/08/2001	
Date Prepared			06/21/2001	06/21/2001	06/21/2001	06/21/2001	
Preparation Method			3550B	3550B	3550B	3550B	
Date Analyzed			06/28/2001	06/28/2001	06/28/2001	06/28/2001	
Matrix			Soil	Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	1	
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	
Benzo(a)anthracene	0.010	0.020	ND	ND	0.345	ND	
Benzo(a)pyrene	0.010	0.020	ND	0.015J	0.542	ND	
Benzo(b)fluoranthene	0.010	0.020	ND	0.017J	0.639	0.024	
Benzo(k)fluoranthene	0.010	0.020	ND	ND	0.267	ND	
Chrysene	0.010	0.020	ND	0.010J	0.345	ND	
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND	ND	ND	
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND	0.010J	0.312	ND	
Acenaphthene	0.010	0.020	ND	ND	1.26	ND	
Acenaphthylene	0.010	0.020	ND	ND	ND	ND	
Anthracene	0.010	0.020	ND	ND	0.770	ND	
Benzo(ghi)perylene	0.010	0.020	ND	ND	0.323	ND	
Fluoranthene	0.010	0.020	ND	0.040	2.85	0.026	
Fluorene	0.010	0.020	ND	ND	0.868	ND	
Naphthalene	0.010	0.020	ND	ND	0.693	ND	
Phenanthrene	0.010	0.020	ND	0.056	4.75	0.036	
Pyrene	0.010	0.020	ND	0.032	1.88	0.020	

Comment(s):

AE100230:No surrogate recovery due to matrix interference

Our Lab I.D.				AE100229	AE100230	AE100231	
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	
p-Terphenyl-D14	75-125		96	104	0	83	

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AETL Job Number	Submitted	Client
19132	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06212001 / 06212001

Our Lab I.D.			AE100232	AE100233			
Client Sample I.D.			051567-038A	051567-045A			
Date Sampled			06/08/2001	06/08/2001			
Date Prepared			06/21/2001	06/21/2001			
Preparation Method			3550B	3550B			
Date Analyzed			06/28/2001	06/28/2001			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			2	2			
Analytes	**MDL**	**PQL**	**Results**	**Results**			
Benzo(a)anthracene	0.020	0.040	0.033J	0.036J			
Benzo(a)pyrene	0.020	0.040	0.086	0.092			
Benzo(b)fluoranthene	0.020	0.040	0.119	0.156			
Benzo(k)fluoranthene	0.020	0.040	0.039J	0.045			
Chrysene	0.020	0.040	0.046	0.098			
Dibenzo(a,h)anthracene	0.020	0.040	ND	ND			
Indeno(1,2,3-cd)pyrene	0.020	0.040	0.063	0.056			
Acenaphthene	0.020	0.040	0.043	0.045			
Acenaphthylene	0.020	0.040	ND	ND			
Anthracene	0.020	0.040	0.026J	0.062			
Benzo(ghi)perylene	0.020	0.040	0.075	0.069			
Fluoranthene	0.020	0.040	0.236	0.271			
Fluorene	0.020	0.040	0.026J	0.043			
Naphthalene	0.020	0.040	0.039J	0.021J			
Phenanthrene	0.020	0.040	0.284	0.258			
Pyrene	0.020	0.040	0.177	0.229			

Our Lab I.D.			AE100232	AE100233			
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**			
p-Terphenyl-D14	75-125		76	82			

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AETL Job Number	Submitted	Client
19132	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06212001 / 06212001

Our Lab I.D.			AE100234				
Client Sample I.D.			051567-046A				
Date Sampled			06/08/2001				
Date Prepared			06/21/2001				
Preparation Method			3550B				
Date Analyzed			06/28/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
Benzo(a)anthracene	0.010	0.020	0.042				
Benzo(a)pyrene	0.010	0.020	0.112				
Benzo(b)fluoranthene	0.010	0.020	0.120				
Benzo(k)fluoranthene	0.010	0.020	0.048				
Chrysene	0.010	0.020	0.040				
Dibenzo(a,h)anthracene	0.010	0.020	ND				
Indeno(1,2,3-cd)pyrene	0.010	0.020	0.081				
Acenaphthene	0.010	0.020	0.143				
Acenaphthylene	0.010	0.020	ND				
Anthracene	0.010	0.020	0.065				
Benzo(ghi)perylene	0.010	0.020	0.093				
Fluoranthene	0.010	0.020	0.353				
Fluorene	0.010	0.020	0.116				
Naphthalene	0.010	0.020	0.073				
Phenanthrene	0.010	0.020	0.528				
Pyrene	0.010	0.020	0.264				

Our Lab I.D.			AE100234				
Surrogates	Con. Limit		% Rec.				
p-Terphenyl-D14	75-125		78				

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AETL Job Number	Submitted	Client
19132	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06212001 / 06212001

Our Lab I.D.			AE100235				
Client Sample I.D.			051567-047A				
Date Sampled			06/08/2001				
Date Prepared			06/21/2001				
Preparation Method			3550B				
Date Analyzed			06/28/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			2				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.020	0.040	ND				
Benzo(a)pyrene	0.020	0.040	0.034J				
Benzo(b)fluoranthene	0.020	0.040	0.053				
Benzo(k)fluoranthene	0.020	0.040	ND				
Chrysene	0.020	0.040	0.040				
Dibenzo(a,h)anthracene	0.020	0.040	ND				
Indeno(1,2,3-cd)pyrene	0.020	0.040	0.022J				
Acenaphthene	0.020	0.040	0.020J				
Acenaphthylene	0.020	0.040	ND				
Anthracene	0.020	0.040	ND				
Benzo(ghi)perylene	0.020	0.040	0.030J				
Fluoranthene	0.020	0.040	0.108				
Fluorene	0.020	0.040	ND				
Naphthalene	0.020	0.040	ND				
Phenanthrene	0.020	0.040	0.130				
Pyrene	0.020	0.040	0.096				

Our Lab I.D.			AE100235				
Surrogates	**Con. Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		78				

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AETL Job Number	Submitted	Client
19132	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06212001 / 06212001

Our Lab I.D.			AE100236				
Client Sample I.D.			051567-048A				
Date Sampled			06/08/2001				
Date Prepared			06/21/2001				
Preparation Method			3550B				
Date Analyzed			06/28/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			5				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.050	0.100	ND				
Benzo(a)pyrene	0.050	0.100	ND				
Benzo(b)fluoranthene	0.050	0.100	0.059J				
Benzo(k)fluoranthene	0.050	0.100	ND				
Chrysene	0.050	0.100	ND				
Dibenzo(a,h)anthracene	0.050	0.100	ND				
Indeno(1,2,3-cd)pyrene	0.050	0.100	ND				
Acenaphthene	0.050	0.100	ND				
Acenaphthylene	0.050	0.100	ND				
Anthracene	0.050	0.100	ND				
Benzo(ghi)perylene	0.050	0.100	ND				
Fluoranthene	0.050	0.100	0.105				
Fluorene	0.050	0.100	ND				
Naphthalene	0.050	0.100	0.057J				
Phenanthrene	0.050	0.100	0.115				
Pyrene	0.050	0.100	0.100				

Our Lab I.D.			AE100236				
Surrogates	**Con. Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		78				

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AETL Job Number	Submitted	Client
19132	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06212001 / 06212001

Our Lab I.D.			AE100237	AE100238	AE100239	AE100240	
Client Sample I.D.			051567-053A	051567-054A	051567-055A	051567-056A	
Date Sampled			06/08/2001	06/08/2001	06/08/2001	06/08/2001	
Date Prepared			06/21/2001	06/21/2001	06/21/2001	06/21/2001	
Preparation Method			3550B	3550B	3550B	3550B	
Date Analyzed			06/28/2001	06/28/2001	06/28/2001	06/28/2001	
Matrix			Soil	Soil	Soil	Soil	
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	
Dilution Factor			1	1	1	1	
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	
Benzo(a)anthracene	0.010	0.020	ND	0.024	ND	ND	
Benzo(a)pyrene	0.010	0.020	0.034	0.047	ND	0.012J	
Benzo(b)fluoranthene	0.010	0.020	0.043	0.055	ND	0.043	
Benzo(k)fluoranthene	0.010	0.020	0.018J	0.022	ND	ND	
Chrysene	0.010	0.020	0.022	0.021	ND	ND	
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND	ND	ND	
Indeno(1,2,3-cd)pyrene	0.010	0.020	0.028	0.026	ND	ND	
Acenaphthene	0.010	0.020	0.043	0.068	ND	ND	
Acenaphthylene	0.010	0.020	ND	ND	ND	ND	
Anthracene	0.010	0.020	0.013J	0.032	ND	ND	
Benzo(ghi)perylene	0.010	0.020	0.036	0.030	ND	ND	
Fluoranthene	0.010	0.020	0.138	0.198	ND	0.015J	
Fluorene	0.010	0.020	0.030	0.051	ND	ND	
Naphthalene	0.010	0.020	0.022	0.043	ND	ND	
Phenanthrene	0.010	0.020	0.205	0.322	ND	0.022	
Pyrene	0.010	0.020	0.098	0.132	ND	0.018J	

Our Lab I.D.			AE100237	AE100238	AE100239	AE100240	
Surrogates	**Con. Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	
p-Terphenyl-D14	75-125		100	83	96	88	

JUN.29'2001 11:39 818 845 8840 AETL #7064 P.009/012

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AETL Job Number	Submitted	Client
19132	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06212001 / 06212001

Our Lab I.D.			AE100241				
Client Sample I.D.			051567-057A				
Date Sampled			06/08/2001				
Date Prepared			06/21/2001				
Preparation Method			3550B				
Date Analyzed			06/28/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			2				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.020	0.040	1.03				
Benzo(a)pyrene	0.020	0.040	1.59				
Benzo(b)fluoranthene	0.020	0.040	1.89				
Benzo(k)fluoranthene	0.020	0.040	0.747				
Chrysene	0.020	0.040	0.933				
Dibenzo(a,h)anthracene	0.020	0.040	ND				
Indeno(1,2,3-cd)pyrene	0.020	0.040	0.896				
Acenaphthene	0.020	0.040	3.72				
Acenaphthylene	0.020	0.040	ND				
Anthracene	0.020	0.040	2.72				
Benzo(ghi)perylene	0.020	0.040	0.998				
Fluoranthene	0.020	0.040	7.33				
Fluorene	0.020	0.040	2.48				
Naphthalene	0.020	0.040	2.11				
Phenanthrene	0.020	0.040	11.9				
Pyrene	0.020	0.040	4.66				

Our Lab I.D.			AE100241				
Surrogates	**Con. Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		90				

JUN.29'2001 11:40 818 845 8840 AETL #/034 P.010/012

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Attn: Diane Galvan

AETL Job Number	Submitted	Client
19132	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06212001 / 06212001

Our Lab I.D.			AE100242				
Client Sample I.D.			051567-058A				
Date Sampled			06/08/2001				
Date Prepared			06/21/2001				
Preparation Method			3550B				
Date Analyzed			06/28/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	MDL	PQL	Results				
Benzo(a)anthracene	0.010	0.020	0.020				
Benzo(a)pyrene	0.010	0.020	0.039				
Benzo(b)fluoranthene	0.010	0.020	0.049				
Benzo(k)fluoranthene	0.010	0.020	0.020				
Chrysene	0.010	0.020	0.025				
Dibenzo(a,h)anthracene	0.010	0.020	ND				
Indeno(1,2,3-cd)pyrene	0.010	0.020	0.022				
Acenaphthene	0.010	0.020	0.061				
Acenaphthylene	0.010	0.020	ND				
Anthracene	0.010	0.020	0.045				
Benzo(ghi)perylene	0.010	0.020	0.022				
Fluoranthene	0.010	0.020	0.157				
Fluorene	0.010	0.020	0.036				
Naphthalene	0.010	0.020	0.020				
Phenanthrene	0.010	0.020	0.243				
Pyrene	0.010	0.020	0.106				

Our Lab I.D.			AE100242				
Surrogates	Con.Limit		% Rec.				
p-Terphenyl-D14	75-125		87				

JUN.29'2001 11:40 818 845 8840 AETL #7064 P.011/012

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AETL Job Number	Submitted	Client
19132	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QUALITY CONTROL REPORT

QC Batch Number: 06212001 / 06212001

Analytes	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit	
Benzo(a)anthracene	50.00	43.00	86	50.00	48.00	96	10.9	75-125	<20	
Benzo(a)pyrene	50.00	51.50	103	50.00	51.50	103	<1	75-125	<20	
Naphthalene	500.00	435.00	87	500.00	440.00	88	1.1	75-125	<20	

QC Batch Number: 06212001 / 06212001

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Benzo(a)anthracene	50.00	49.50	99	75-125						
Benzo(a)pyrene	50.00	52.00	104	75-125						
Naphthalene	500.00	445.00	89	75-125						
LCS										
Acenaphthene	500.00	560.00	112	75-125						
Acenaphthylene	500.00	515.00	103	75-125						
Anthracene	500.00	540.00	108	75-125						
Benzo(b)fluoranthene	50.00	53.00	106	75-125						
Benzo(ghi)perylene	50.00	53.50	107	75-125						
Benzo(k)fluoranthene	25.00	24.00	96	75-125						
Chrysene	50.00	52.00	104	75-125						
Dibenzo(a,h)anthracene	50.00	50.00	100	75-125						
Fluoranthene	50.00	50.00	100	75-125						
Fluorene	500.00	435.00	87	75-125						
Indeno(1,2,3-cd)pyrene	50.00	51.50	103	75-125						
Phenanthrene	500.00	565.00	113	75-125						
Pyrene	50.00	48.00	96	75-125						

June 13, 2001

Mark Hastings
Geocon Environmental
2356 Research Drive
Livermore, CA 94550
TEL: (925) 371-5900
FAX (925) 371-5915

ELAP No: 1838

RE: Oakland Mole - E8000-06-13

Work Order No.: 051567

Attention: Mark Hastings

Enclosed are the results for sample(s) received on June 09, 2001 by Advanced Technology Laboratories and tested for the parameters indicated in the enclosed chain of custody.

Thank you for the opportunity to service the needs of your company.

Please feel free to call me at (562)989-4045 if I can be of further assistance to your company.

Sincerely,

Edgar Caballero
Laboratory Director

This cover letter is an integral part of this analytical report.

Advanced Technology Laboratories

Print Date: *13-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	EPA 6010B
Lab Order:	051567	**Units:**	mg/Kg
Project:	Oakland Mole - E8000-06-13	**Analyst:**	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051567-004A	PL4-0	Soil	6/8/01	4537	29	5		1	6/12/01
051567-005A	PL4-1	Soil	6/8/01	4537	50	5		1	6/12/01
051567-006A	PL4-3	Soil	6/8/01	4537	60	5		1	6/12/01
051567-007A	PL2-0	Soil	6/8/01	4537	5.6	5		1	6/12/01
051567-008A	PL2-1	Soil	6/8/01	4537	6.3	5		1	6/12/01
051567-009A	PL2-3	Soil	6/8/01	4537	7.9	5		1	6/12/01
051567-017A	SS3-0	Soil	6/8/01	4537	140	5		1	6/12/01
051567-018A	SS3-1	Soil	6/8/01	4537	460	5		1	6/12/01
051567-019A	SS3-3	Soil	6/8/01	4537	14	5		1	6/12/01
051567-020A	SS3-5	Soil	6/8/01	4537	5.1	5		1	6/12/01
051567-021A	AR3-0	Soil	6/8/01	4537	1700	5		1	6/12/01
051567-022A	AR3-1	Soil	6/8/01	4537	390	5		1	6/12/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: [illegible]

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *13-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	EPA 6010B
Lab Order:	051567	**Units:**	mg/Kg
Project:	Oakland Mole - E8000-06-13	**Analyst:**	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051567-023A	AR3-3	Soil	6/8/01	4537	ND	5		1	6/12/01
051567-030A	AR1-0	Soil	6/8/01	4537	290	5		1	6/12/01
051567-031A	AR1-1	Soil	6/8/01	4537	170	5		1	6/12/01
051567-032A	AR1-3	Soil	6/8/01	4537	250	5		1	6/12/01
051567-039A	DB1-0	Soil	6/8/01	4537	690	5		1	6/12/01
051567-040A	DB1-1	Soil	6/8/01	4537	1500	5		1	6/12/01
051567-041A	DB1-3	Soil	6/8/01	4537	38	5		1	6/12/01
051567-042A	DB3-0	Soil	6/8/01	4537	15	5		1	6/12/01
051567-043A	DB3-1	Soil	6/8/01	4538	ND	5		1	6/12/01
051567-044A	DB3-3	Soil	6/8/01	4538	31	5		1	6/12/01
051567-049A	UT17-0	Soil	6/8/01	4538	62	5		1	6/12/01
051567-050A	UT17-1	Soil	6/8/01	4538	26	5		1	6/12/01

Qualifiers:

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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *13-Jun-01*

CLIENT:	Geocon Environmental	**Test No:**	EPA 6010B
Lab Order:	051567	**Units:**	mg/Kg
Project:	Oakland Mole - E8000-06-13	**Analyst:**	RQ

Sample ID	Client Sample ID	Matrix	Collection Date	QC Batch	Lead	PQL	Qual	DF	Analysis Date
051567-051A	UT17-3	Soil	6/8/01	4538	ND	5		1	6/12/01
051567-052A	UT17-5	Soil	6/8/01	4538	ND	5		1	6/12/01
051567-059A	MD18-0	Soil	6/8/01	4538	150	5		1	6/12/01
051567-060A	MD18-1	Soil	6/8/01	4538	120	5		1	6/12/01
051567-061A	MD16-0	Soil	6/8/01	4538	67	5		1	6/12/01
051567-062A	MD16-1	Soil	6/8/01	4538	30	5		1	6/12/01

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E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL3-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:30:00 AM
Lab ID:	051567-001A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010612C** BatchID: **4545**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/12/01
Arsenic	5.5	0.25		mg/Kg	1.0	6/12/01
Barium	54	0.15		mg/Kg	1.0	6/12/01
Beryllium	ND	0.15		mg/Kg	1.0	6/12/01
Cadmium	ND	0.15		mg/Kg	1.0	6/12/01
Chromium	14	0.15		mg/Kg	1.0	6/12/01
Cobalt	5.0	0.15		mg/Kg	1.0	6/12/01
Copper	29	0.15		mg/Kg	1.0	6/12/01
Lead	68	0.25		mg/Kg	1.0	6/12/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/12/01
Nickel	15	0.15		mg/Kg	1.0	6/12/01
Selenium	ND	0.25		mg/Kg	1.0	6/12/01
Silver	ND	0.15		mg/Kg	1.0	6/12/01
Thallium	0.50	0.25		mg/Kg	1.0	6/12/01
Vanadium	20	0.15		mg/Kg	1.0	6/12/01
Zinc	40	0.50		mg/Kg	1.0	6/12/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613A** BatchID: **4570**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

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J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL3-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:30:00 AM
Lab ID:	051567-002A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010612C** BatchID: **4545**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/12/01
Arsenic	4.0	0.25		mg/Kg	1.0	6/12/01
Barium	10	0.15		mg/Kg	1.0	6/12/01
Beryllium	ND	0.15		mg/Kg	1.0	6/12/01
Cadmium	ND	0.15		mg/Kg	1.0	6/12/01
Chromium	1.0	0.15		mg/Kg	1.0	6/12/01
Cobalt	2.0	0.15		mg/Kg	1.0	6/12/01
Copper	8.0	0.15		mg/Kg	1.0	6/12/01
Lead	3.5	0.25		mg/Kg	1.0	6/12/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/12/01
Nickel	0.50	0.15		mg/Kg	1.0	6/12/01
Selenium	ND	0.25		mg/Kg	1.0	6/12/01
Silver	ND	0.15		mg/Kg	1.0	6/12/01
Thallium	0.50	0.25		mg/Kg	1.0	6/12/01
Vanadium	8.0	0.15		mg/Kg	1.0	6/12/01
Zinc	98	0.50		mg/Kg	1.0	6/12/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613A** BatchID: **4570**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL3-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:30:00 AM
Lab ID:	051567-003A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010612C** BatchID: **4545**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	0.27	0.25		mg/Kg	1.0	6/12/01
Arsenic	13	0.25		mg/Kg	1.0	6/12/01
Barium	28	0.15		mg/Kg	1.0	6/12/01
Beryllium	ND	0.15		mg/Kg	1.0	6/12/01
Cadmium	ND	0.15		mg/Kg	1.0	6/12/01
Chromium	38	0.15		mg/Kg	1.0	6/12/01
Cobalt	7.0	0.15		mg/Kg	1.0	6/12/01
Copper	5.0	0.15		mg/Kg	1.0	6/12/01
Lead	2.5	0.25		mg/Kg	1.0	6/12/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/12/01
Nickel	38	0.15		mg/Kg	1.0	6/12/01
Selenium	ND	0.25		mg/Kg	1.0	6/12/01
Silver	ND	0.15		mg/Kg	1.0	6/12/01
Thallium	0.50	0.25		mg/Kg	1.0	6/12/01
Vanadium	24	0.15		mg/Kg	1.0	6/12/01
Zinc	22	0.50		mg/Kg	1.0	6/12/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613A** BatchID: **4570**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL1-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:59:00 AM
Lab ID:	051567-010A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010612C** BatchID: **4545**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/12/01
Arsenic	5.0	0.25		mg/Kg	1.0	6/12/01
Barium	50	0.15		mg/Kg	1.0	6/12/01
Beryllium	ND	0.15		mg/Kg	1.0	6/12/01
Cadmium	ND	0.15		mg/Kg	1.0	6/12/01
Chromium	2.5	0.15		mg/Kg	1.0	6/12/01
Cobalt	3.5	0.15		mg/Kg	1.0	6/12/01
Copper	6.0	0.15		mg/Kg	1.0	6/12/01
Lead	7.0	0.25		mg/Kg	1.0	6/12/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/12/01
Nickel	3.5	0.15		mg/Kg	1.0	6/12/01
Selenium	ND	0.25		mg/Kg	1.0	6/12/01
Silver	ND	0.15		mg/Kg	1.0	6/12/01
Thallium	1.0	0.25		mg/Kg	1.0	6/12/01
Vanadium	7.0	0.15		mg/Kg	1.0	6/12/01
Zinc	71	0.50		mg/Kg	1.0	6/12/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613A** BatchID: **4570**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL1-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:59:00 AM
Lab ID:	051567-011A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010612C** BatchID: **4545**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/12/01
Arsenic	5.5	0.25		mg/Kg	1.0	6/12/01
Barium	30	0.15		mg/Kg	1.0	6/12/01
Beryllium	ND	0.15		mg/Kg	1.0	6/12/01
Cadmium	ND	0.15		mg/Kg	1.0	6/12/01
Chromium	4.0	0.15		mg/Kg	1.0	6/12/01
Cobalt	4.5	0.15		mg/Kg	1.0	6/12/01
Copper	13	0.15		mg/Kg	1.0	6/12/01
Lead	8.0	0.25		mg/Kg	1.0	6/12/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/12/01
Nickel	3.0	0.15		mg/Kg	1.0	6/12/01
Selenium	ND	0.25		mg/Kg	1.0	6/12/01
Silver	ND	0.15		mg/Kg	1.0	6/12/01
Thallium	0.50	0.25		mg/Kg	1.0	6/12/01
Vanadium	22	0.15		mg/Kg	1.0	6/12/01
Zinc	66	0.50		mg/Kg	1.0	6/12/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613A** BatchID: **4570**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
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Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	PL1-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 8:59:00 AM
Lab ID:	051567-012A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010612C** BatchID: **4545**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/12/01
Arsenic	5.5	0.25		mg/Kg	1.0	6/12/01
Barium	42	0.15		mg/Kg	1.0	6/12/01
Beryllium	ND	0.15		mg/Kg	1.0	6/12/01
Cadmium	ND	0.15		mg/Kg	1.0	6/12/01
Chromium	4.0	0.15		mg/Kg	1.0	6/12/01
Cobalt	5.0	0.15		mg/Kg	1.0	6/12/01
Copper	12	0.15		mg/Kg	1.0	6/12/01
Lead	11	0.25		mg/Kg	1.0	6/12/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/12/01
Nickel	4.0	0.15		mg/Kg	1.0	6/12/01
Selenium	ND	0.25		mg/Kg	1.0	6/12/01
Silver	ND	0.15		mg/Kg	1.0	6/12/01
Thallium	0.50	0.25		mg/Kg	1.0	6/12/01
Vanadium	24	0.15		mg/Kg	1.0	6/12/01
Zinc	58	0.50		mg/Kg	1.0	6/12/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613A** BatchID: **4570**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-013A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010612C** BatchID: **4545**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	1.5	0.25		mg/Kg	1.0	6/12/01
Arsenic	15	0.25		mg/Kg	1.0	6/12/01
Barium	560	0.15		mg/Kg	1.0	6/12/01
Beryllium	ND	0.15		mg/Kg	1.0	6/12/01
Cadmium	0.50	0.15		mg/Kg	1.0	6/12/01
Chromium	78	0.15		mg/Kg	1.0	6/12/01
Cobalt	8.5	0.15		mg/Kg	1.0	6/12/01
Copper	1800	0.15		mg/Kg	1.0	6/12/01
Lead	2400	0.25		mg/Kg	1.0	6/12/01
Molybdenum	14	0.25		mg/Kg	1.0	6/12/01
Nickel	120	0.15		mg/Kg	1.0	6/12/01
Selenium	ND	0.25		mg/Kg	1.0	6/12/01
Silver	0.50	0.15		mg/Kg	1.0	6/12/01
Thallium	1.0	0.25		mg/Kg	1.0	6/12/01
Vanadium	27	0.15		mg/Kg	1.0	6/12/01
Zinc	1100	0.50		mg/Kg	1.0	6/12/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613A** BatchID: **4570**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.13	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-014A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010612C** BatchID: **4545**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	0.49	0.25		mg/Kg	1.0	6/12/01
Arsenic	34	0.25		mg/Kg	1.0	6/12/01
Barium	130	0.15		mg/Kg	1.0	6/12/01
Beryllium	ND	0.15		mg/Kg	1.0	6/12/01
Cadmium	ND	0.15		mg/Kg	1.0	6/12/01
Chromium	26	0.15		mg/Kg	1.0	6/12/01
Cobalt	12	0.15		mg/Kg	1.0	6/12/01
Copper	250	0.15		mg/Kg	1.0	6/12/01
Lead	1100	0.25		mg/Kg	1.0	6/12/01
Molybdenum	4.5	0.25		mg/Kg	1.0	6/12/01
Nickel	54	0.15		mg/Kg	1.0	6/12/01
Selenium	ND	0.25		mg/Kg	1.0	6/12/01
Silver	ND	0.15		mg/Kg	1.0	6/12/01
Thallium	1.0	0.25		mg/Kg	1.0	6/12/01
Vanadium	36	0.15		mg/Kg	1.0	6/12/01
Zinc	1600	0.50		mg/Kg	1.0	6/12/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613A** BatchID: **4570**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-5
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-015A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010612C** BatchID: **4545**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/12/01
Arsenic	4.5	0.25		mg/Kg	1.0	6/12/01
Barium	24	0.15		mg/Kg	1.0	6/12/01
Beryllium	ND	0.15		mg/Kg	1.0	6/12/01
Cadmium	ND	0.15		mg/Kg	1.0	6/12/01
Chromium	23	0.15		mg/Kg	1.0	6/12/01
Cobalt	4.5	0.15		mg/Kg	1.0	6/12/01
Copper	24	0.15		mg/Kg	1.0	6/12/01
Lead	48	0.25		mg/Kg	1.0	6/12/01
Molybdenum	0.50	0.25		mg/Kg	1.0	6/12/01
Nickel	28	0.15		mg/Kg	1.0	6/12/01
Selenium	ND	0.25		mg/Kg	1.0	6/12/01
Silver	ND	0.15		mg/Kg	1.0	6/12/01
Thallium	0.31	0.25		mg/Kg	1.0	6/12/01
Vanadium	13	0.15		mg/Kg	1.0	6/12/01
Zinc	110	0.50		mg/Kg	1.0	6/12/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613A** BatchID: **4570**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- DO - Surrogate Diluted Out
- S - Spike/Surrogate outside of limits due to matrix interference.
- H - Samples exceeding analytical holding time
- E - Value above quantitation range
- M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	SS4-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:30:00 AM
Lab ID:	051567-016A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010612C** BatchID: **4545**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	9.0	0.25		mg/Kg	1.0	6/12/01
Arsenic	29	0.25		mg/Kg	1.0	6/12/01
Barium	410	0.15		mg/Kg	1.0	6/12/01
Beryllium	ND	0.15		mg/Kg	1.0	6/12/01
Cadmium	ND	0.15		mg/Kg	1.0	6/12/01
Chromium	460	0.15		mg/Kg	1.0	6/12/01
Cobalt	20	0.15		mg/Kg	1.0	6/12/01
Copper	2100	0.15		mg/Kg	1.0	6/12/01
Lead	6400	5.0		mg/Kg	20	6/12/01
Molybdenum	120	0.25		mg/Kg	1.0	6/12/01
Nickel	820	0.15		mg/Kg	1.0	6/12/01
Selenium	ND	0.25		mg/Kg	1.0	6/12/01
Silver	1.0	0.15		mg/Kg	1.0	6/12/01
Thallium	3.5	0.25		mg/Kg	1.0	6/12/01
Vanadium	28	0.15		mg/Kg	1.0	6/12/01
Zinc	2000	10		mg/Kg	20	6/12/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613A** BatchID: **4570**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

- ND - Not Detected at the Reporting Limit
- J - Analyte detected below quantitation limits
- B - Analyte detected in the associated Method Blank
- DO - Surrogate Diluted Out
- S - Spike/Surrogate outside of limits due to matrix interference.
- H - Samples exceeding analytical holding time
- E - Value above quantitation range
- M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR2-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:55:00 AM
Lab ID:	051567-024A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613A** BatchID: **4546**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	4.5	0.25		mg/Kg	1.0	6/13/01
Barium	57	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	13	0.15		mg/Kg	1.0	6/13/01
Cobalt	4.5	0.15		mg/Kg	1.0	6/13/01
Copper	23	0.15		mg/Kg	1.0	6/13/01
Lead	36	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	15	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	17	0.15		mg/Kg	1.0	6/13/01
Zinc	42	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613B** BatchID: **4571**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT: Geocon Environmental
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Lab ID: 051567-025A

Client Sample ID: AR2-1
Collection Date: 6/8/01 9:55:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS				**EPA 6010B**		
RunID: **ICP2_010613A** BatchID: **4546**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	0.31	0.25		mg/Kg	1.0	6/13/01
Arsenic	8.0	0.25		mg/Kg	1.0	6/13/01
Barium	200	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	31	0.15		mg/Kg	1.0	6/13/01
Cobalt	7.0	0.15		mg/Kg	1.0	6/13/01
Copper	200	0.15		mg/Kg	1.0	6/13/01
Lead	280	0.25		mg/Kg	1.0	6/13/01
Molybdenum	0.50	0.25		mg/Kg	1.0	6/13/01
Nickel	38	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	22	0.15		mg/Kg	1.0	6/13/01
Zinc	320	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE				**EPA 7471A**		
RunID: **AA1_010613B** BatchID: **4571**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.23	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR2-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 9:55:00 AM
Lab ID:	051567-026A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613A** BatchID: **4546**				PrepDate: **6/11/01**		Analyst: **RQ**
Aluminum	7400	5.0		mg/Kg	1.0	6/13/01
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	6.5	0.25		mg/Kg	1.0	6/13/01
Barium	170	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	25	0.15		mg/Kg	1.0	6/13/01
Cobalt	6.0	0.15		mg/Kg	1.0	6/13/01
Copper	100	0.15		mg/Kg	1.0	6/13/01
Lead	140	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	30	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	20	0.15		mg/Kg	1.0	6/13/01
Zinc	230	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613B** BatchID: **4571**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.98	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR4-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:10:00 AM
Lab ID:	051567-027A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613A** BatchID: **4546**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	7.5	0.25		mg/Kg	1.0	6/13/01
Barium	230	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	25	0.15		mg/Kg	1.0	6/13/01
Cobalt	6.0	0.15		mg/Kg	1.0	6/13/01
Copper	96	0.15		mg/Kg	1.0	6/13/01
Lead	330	0.25		mg/Kg	1.0	6/13/01
Molybdenum	0.37	0.25		mg/Kg	1.0	6/13/01
Nickel	28	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	22	0.15		mg/Kg	1.0	6/13/01
Zinc	170	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613B** BatchID: **4571**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR4-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:10:00 AM
Lab ID:	051567-028A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613A** BatchID: **4546**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	1.0	0.25		mg/Kg	1.0	6/13/01
Arsenic	16	0.25		mg/Kg	1.0	6/13/01
Barium	620	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	16	0.15		mg/Kg	1.0	6/13/01
Chromium	60	0.15		mg/Kg	1.0	6/13/01
Cobalt	12	0.15		mg/Kg	1.0	6/13/01
Copper	1700	0.15		mg/Kg	1.0	6/13/01
Lead	3500	0.25		mg/Kg	1.0	6/13/01
Molybdenum	15	0.25		mg/Kg	1.0	6/13/01
Nickel	92	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	7.5	0.15		mg/Kg	1.0	6/13/01
Thallium	1.5	0.25		mg/Kg	1.0	6/13/01
Vanadium	23	0.15		mg/Kg	1.0	6/13/01
Zinc	1500	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613B** BatchID: **4571**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.22	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	AR4-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 10:10:00 AM
Lab ID:	051567-029A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613A** BatchID: **4546**				PrepDate: **6/11/01**		Analyst: **RQ**
Aluminum	6200	5.0		mg/Kg	1.0	6/13/01
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	6.5	0.25		mg/Kg	1.0	6/13/01
Barium	52	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Boron	5.0	2.5		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Calcium	11000	5.0		mg/Kg	1.0	6/13/01
Chromium	22	0.15		mg/Kg	1.0	6/13/01
Cobalt	6.5	0.15		mg/Kg	1.0	6/13/01
Copper	20	0.15		mg/Kg	1.0	6/13/01
Iron	12000	5.0		mg/Kg	1.0	6/13/01
Lead	18	0.25		mg/Kg	1.0	6/13/01
Magnesium	3500	5.0		mg/Kg	1.0	6/13/01
Manganese	210	2.5		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	25	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silicon	59	5.0		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.35	0.25		mg/Kg	1.0	6/13/01
Vanadium	20	0.15		mg/Kg	1.0	6/13/01
Zinc	38	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613B** BatchID: **4571**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: ____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB4-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:10:00 AM
Lab ID:	051567-033A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613A** BatchID: **4546**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	7.5	0.25		mg/Kg	1.0	6/13/01
Barium	150	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	30	0.15		mg/Kg	1.0	6/13/01
Cobalt	6.5	0.15		mg/Kg	1.0	6/13/01
Copper	20	0.15		mg/Kg	1.0	6/13/01
Lead	15	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	38	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	26	0.15		mg/Kg	1.0	6/13/01
Zinc	46	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613B** BatchID: **4571**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB4-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:10:00 AM
Lab ID:	051567-034A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613A** BatchID: **4546**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	5.0	0.25		mg/Kg	1.0	6/13/01
Barium	50	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	22	0.15		mg/Kg	1.0	6/13/01
Cobalt	4.5	0.15		mg/Kg	1.0	6/13/01
Copper	12	0.15		mg/Kg	1.0	6/13/01
Lead	66	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	22	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.40	0.25		mg/Kg	1.0	6/13/01
Vanadium	16	0.15		mg/Kg	1.0	6/13/01
Zinc	46	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613B** BatchID: **4571**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB4-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:10:00 AM
Lab ID:	051567-035A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613A** BatchID: **4546**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	3.5	0.25		mg/Kg	1.0	6/13/01
Barium	62	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	28	0.15		mg/Kg	1.0	6/13/01
Cobalt	4.5	0.15		mg/Kg	1.0	6/13/01
Copper	8.0	0.15		mg/Kg	1.0	6/13/01
Lead	63	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	26	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	ND	0.25		mg/Kg	1.0	6/13/01
Vanadium	15	0.15		mg/Kg	1.0	6/13/01
Zinc	31	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613B** BatchID: **4571**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT: Geocon Environmental
Client Sample ID: DB2-1
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 11:26:00 AM
Lab ID: 051567-036A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613A** BatchID: **4546**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	0.38	0.25		mg/Kg	1.0	6/13/01
Arsenic	7.5	0.25		mg/Kg	1.0	6/13/01
Barium	290	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	45	0.15		mg/Kg	1.0	6/13/01
Cobalt	5.0	0.15		mg/Kg	1.0	6/13/01
Copper	100	0.15		mg/Kg	1.0	6/13/01
Lead	1500	0.25		mg/Kg	1.0	6/13/01
Molybdenum	1.5	0.25		mg/Kg	1.0	6/13/01
Nickel	32	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	18	0.15		mg/Kg	1.0	6/13/01
Zinc	230	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613B** BatchID: **4571**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT: Geocon Environmental
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Lab ID: 051567-037A

Client Sample ID: DB2-3
Collection Date: 6/8/01 11:26:00 AM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613C** BatchID: **4547**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	4.5	0.25		mg/Kg	1.0	6/13/01
Barium	71	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	21	0.15		mg/Kg	1.0	6/13/01
Cobalt	4.5	0.15		mg/Kg	1.0	6/13/01
Copper	19	0.15		mg/Kg	1.0	6/13/01
Lead	380	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	20	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.37	0.25		mg/Kg	1.0	6/13/01
Vanadium	15	0.15		mg/Kg	1.0	6/13/01
Zinc	54	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613D** BatchID: **4576**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: [illegible]

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	DB2-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 11:23:00 AM
Lab ID:	051567-038A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613C** BatchID: **4547**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	0.33	0.25		mg/Kg	1.0	6/13/01
Arsenic	7.0	0.25		mg/Kg	1.0	6/13/01
Barium	83	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	29	0.15		mg/Kg	1.0	6/13/01
Cobalt	3.0	0.15		mg/Kg	1.0	6/13/01
Copper	57	0.15		mg/Kg	1.0	6/13/01
Lead	360	0.25		mg/Kg	1.0	6/13/01
Molybdenum	1.5	0.25		mg/Kg	1.0	6/13/01
Nickel	29	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.27	0.25		mg/Kg	1.0	6/13/01
Vanadium	12	0.15		mg/Kg	1.0	6/13/01
Zinc	260	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613D** BatchID: **4576**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.20	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: [illegible]

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD15
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 12:50:00 PM
Lab ID:	051567-045A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613C** BatchID: **4547**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	7.5	0.25		mg/Kg	1.0	6/13/01
Barium	82	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	30	0.15		mg/Kg	1.0	6/13/01
Cobalt	9.0	0.15		mg/Kg	1.0	6/13/01
Copper	35	0.15		mg/Kg	1.0	6/13/01
Lead	230	0.25		mg/Kg	1.0	6/13/01
Molybdenum	0.46	0.25		mg/Kg	1.0	6/13/01
Nickel	34	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	24	0.15		mg/Kg	1.0	6/13/01
Zinc	120	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613C** BatchID: **4572**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT16-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:00:00 PM
Lab ID:	051567-046A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613C** BatchID: **4547**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	0.50	0.25		mg/Kg	1.0	6/13/01
Arsenic	12	0.25		mg/Kg	1.0	6/13/01
Barium	160	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	62	0.15		mg/Kg	1.0	6/13/01
Cobalt	13	0.15		mg/Kg	1.0	6/13/01
Copper	29	0.15		mg/Kg	1.0	6/13/01
Lead	18	0.25		mg/Kg	1.0	6/13/01
Molybdenum	0.25	0.25		mg/Kg	1.0	6/13/01
Nickel	93	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	1.0	0.25		mg/Kg	1.0	6/13/01
Vanadium	37	0.15		mg/Kg	1.0	6/13/01
Zinc	76	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613C** BatchID: **4572**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.55	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT16-3
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:00:00 PM
Lab ID:	051567-047A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613C** BatchID: **4547**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	7.0	0.25		mg/Kg	1.0	6/13/01
Barium	46	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	18	0.15		mg/Kg	1.0	6/13/01
Cobalt	6.0	0.15		mg/Kg	1.0	6/13/01
Copper	29	0.15		mg/Kg	1.0	6/13/01
Lead	120	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	15	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.34	0.25		mg/Kg	1.0	6/13/01
Vanadium	28	0.15		mg/Kg	1.0	6/13/01
Zinc	69	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613C** BatchID: **4572**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.21	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
3275 Walnut Avenue Signal Hill, CA 90807 Tel: 562 989-4045 Fax: 562 989-4040

Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT16-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:00:00 PM
Lab ID:	051567-048A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613C** BatchID: **4547**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	0.50	0.25		mg/Kg	1.0	6/13/01
Arsenic	12	0.25		mg/Kg	1.0	6/13/01
Barium	140	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	62	0.15		mg/Kg	1.0	6/13/01
Cobalt	13	0.15		mg/Kg	1.0	6/13/01
Copper	30	0.15		mg/Kg	1.0	6/13/01
Lead	23	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	94	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	38	0.15		mg/Kg	1.0	6/13/01
Zinc	73	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613C** BatchID: **4572**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.63	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT: Geocon Environmental
Client Sample ID: UT18-0
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Collection Date: 6/8/01 1:20:00 PM
Lab ID: 051567-053A
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613C** BatchID: **4547**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	10	0.25		mg/Kg	1.0	6/13/01
Barium	60	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	16	0.15		mg/Kg	1.0	6/13/01
Cobalt	8.0	0.15		mg/Kg	1.0	6/13/01
Copper	40	0.15		mg/Kg	1.0	6/13/01
Lead	200	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	18	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	22	0.15		mg/Kg	1.0	6/13/01
Zinc	140	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613C** BatchID: **4572**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: W

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT18-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:30:00 PM
Lab ID:	051567-054A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613C** BatchID: **4547**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	7.5	0.25		mg/Kg	1.0	6/13/01
Barium	30	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	8.5	0.15		mg/Kg	1.0	6/13/01
Cobalt	5.0	0.15		mg/Kg	1.0	6/13/01
Copper	17	0.15		mg/Kg	1.0	6/13/01
Lead	62	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	7.0	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	21	0.15		mg/Kg	1.0	6/13/01
Zinc	96	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613C** BatchID: **4572**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT: Geocon Environmental
Lab Order: 051567
Project: Oakland Mole - E8000-06-13
Lab ID: 051567-055A

Client Sample ID: UT18-3
Collection Date: 6/8/01 1:30:00 PM
Matrix: Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613C** BatchID: **4547**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	ND	0.25		mg/Kg	1.0	6/13/01
Arsenic	3.0	0.25		mg/Kg	1.0	6/13/01
Barium	18	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	19	0.15		mg/Kg	1.0	6/13/01
Cobalt	3.0	0.15		mg/Kg	1.0	6/13/01
Copper	9.0	0.15		mg/Kg	1.0	6/13/01
Lead	7.0	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	19	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	ND	0.25		mg/Kg	1.0	6/13/01
Vanadium	11	0.15		mg/Kg	1.0	6/13/01
Zinc	14	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613C** BatchID: **4572**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials:

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	UT18-5
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 1:30:00 PM
Lab ID:	051567-056A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613C** BatchID: **4547**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	0.26	0.25		mg/Kg	1.0	6/13/01
Arsenic	8.5	0.25		mg/Kg	1.0	6/13/01
Barium	150	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	38	0.15		mg/Kg	1.0	6/13/01
Cobalt	7.5	0.15		mg/Kg	1.0	6/13/01
Copper	58	0.15		mg/Kg	1.0	6/13/01
Lead	180	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	34	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	23	0.15		mg/Kg	1.0	6/13/01
Zinc	90	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613C** BatchID: **4572**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD17-0
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:00:00 PM
Lab ID:	051567-057A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613D** BatchID: **4548**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	0.46	0.25		mg/Kg	1.0	6/13/01
Arsenic	8.5	0.25		mg/Kg	1.0	6/13/01
Barium	60	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	32	0.15		mg/Kg	1.0	6/13/01
Cobalt	8.0	0.15		mg/Kg	1.0	6/13/01
Copper	40	0.15		mg/Kg	1.0	6/13/01
Lead	200	0.25		mg/Kg	1.0	6/13/01
Molybdenum	1.0	0.25		mg/Kg	1.0	6/13/01
Nickel	38	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	0.50	0.25		mg/Kg	1.0	6/13/01
Vanadium	27	0.15		mg/Kg	1.0	6/13/01
Zinc	100	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613C** BatchID: **4572**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	ND	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

Advanced Technology Laboratories
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Advanced Technology Laboratories

Print Date: *6/13/01*

CLIENT:	Geocon Environmental	**Client Sample ID:**	MD17-1
Lab Order:	051567		
Project:	Oakland Mole - E8000-06-13	**Collection Date:**	6/8/01 2:00:00 PM
Lab ID:	051567-058A	**Matrix:**	Soil

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
ICP METALS			**EPA 6010B**			
RunID: **ICP2_010613D** BatchID: **4548**				PrepDate: **6/11/01**		Analyst: **RQ**
Antimony	0.50	0.25		mg/Kg	1.0	6/13/01
Arsenic	11	0.25		mg/Kg	1.0	6/13/01
Barium	97	0.15		mg/Kg	1.0	6/13/01
Beryllium	ND	0.15		mg/Kg	1.0	6/13/01
Cadmium	ND	0.15		mg/Kg	1.0	6/13/01
Chromium	20	0.15		mg/Kg	1.0	6/13/01
Cobalt	24	0.15		mg/Kg	1.0	6/13/01
Copper	66	0.15		mg/Kg	1.0	6/13/01
Lead	9.5	0.25		mg/Kg	1.0	6/13/01
Molybdenum	ND	0.25		mg/Kg	1.0	6/13/01
Nickel	24	0.15		mg/Kg	1.0	6/13/01
Selenium	ND	0.25		mg/Kg	1.0	6/13/01
Silver	ND	0.15		mg/Kg	1.0	6/13/01
Thallium	2.0	0.25		mg/Kg	1.0	6/13/01
Vanadium	140	0.15		mg/Kg	1.0	6/13/01
Zinc	90	0.50		mg/Kg	1.0	6/13/01
MERCURY BY COLD VAPOR TECHNIQUE			**EPA 7471A**			
RunID: **AA1_010613C** BatchID: **4572**				PrepDate: **6/13/01**		Analyst: **NS**
Mercury	0.49	0.10		mg/Kg	1.0	6/13/01

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
DO - Surrogate Diluted Out
S - Spike/Surrogate outside of limits due to matrix interference.
H - Samples exceeding analytical holding time
E - Value above quantitation range
M - Not Monitored. Highly Reactive

Initials: _____

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Advanced Technology Laboratories

Date: *13-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4545** Batch ID: **4545** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**

MBLK SeqNo: **147386**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4546** Batch ID: **4546** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MBLK SeqNo: **147467**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4547** Batch ID: **4547** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MBLK SeqNo: **147576**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4548** Batch ID: **4548** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**
MBLK SeqNo: **147625**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	ND	0.25		0				0			
Arsenic	ND	0.25		0				0			
Barium	ND	0.15		0				0			
Beryllium	ND	0.15		0				0			
Cadmium	ND	0.15		0				0			
Chromium	ND	0.15		0				0			
Cobalt	ND	0.15		0				0			
Copper	ND	0.15		0				0			
Lead	ND	0.25		0				0			
Molybdenum	ND	0.25		0				0			
Nickel	ND	0.15		0				0			
Selenium	ND	0.25		0				0			
Silver	ND	0.15		0				0			
Thallium	ND	0.25		0				0			
Vanadium	ND	0.15		0				0			
Zinc	ND	0.50		0				0			

Sample ID **MB-4537A** Batch ID: **4537** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**
MBLK SeqNo: **147340**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

Advanced Technology Laboratories
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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Method Blank

Sample ID **MB-4537B** Batch ID: **4537** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**
MBLK SeqNo: **147341**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0		0				0			

Sample ID **MB-4538** Batch ID: **4538** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**
MBLK SeqNo: **147366**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	ND	5.0		0				0			

Sample ID **MB-4570** Batch ID: **4570** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MBLK SeqNo: **147752**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10		0				0			

Sample ID **MB-4571** Batch ID: **4571** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MBLK SeqNo: **147767**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10		0				0			

Sample ID **MB-4576** Batch ID: **4576** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MBLK SeqNo: **147854**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	ND	0.10		0				0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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Date: *13-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-016ADU** Batch ID: **4545** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**

DUP SeqNo: **147398**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	1.5	0.25	0	0	0	0	0	9	143	30	R
Arsenic	12	0.25	0	0	0	0	0	28	81	30	R
Barium	320	0.15	0	0	0	0	0	410	24	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	110	0.15	0	0	0	0	0	460	122	30	R
Cobalt	10	0.15	0	0	0	0	0	20	64	30	R
Copper	780	0.15	0	0	0	0	0	2100	90	30	R
Molybdenum	23	0.25	0	0	0	0	0	120	136	30	R
Nickel	210	0.15	0	0	0	0	0	820	118	30	R
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	0.2	0.15	0	0	0	0	0	1	133	30	R
Thallium	1	0.25	0	0	0	0	0	3.5	111	30	R
Vanadium	24	0.15	0	0	0	0	0	28	14	30	

Sample ID **051567-016ADU** Batch ID: **4545** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**

DUP SeqNo: **147402**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	1800	5.0	0	0	0	0	0	6400	112	30	R
Zinc	1100	10	0	0	0	0	0	2000	58	30	R

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-036ADU** Batch ID: **4546** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

DUP SeqNo: **147479**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.31	0.25	0	0	0	0	0	0.38	20	30	
Arsenic	6	0.25	0	0	0	0	0	7.5	22	30	
Barium	160	0.15	0	0	0	0	0	290	57	30	R
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	40	0.15	0	0	0	0	0	45	12	30	
Cobalt	4.5	0.15	0	0	0	0	0	5	11	30	
Copper	77	0.15	0	0	0	0	0	100	28	30	
Lead	1300	0.25	0	0	0	0	0	1500	17	30	
Molybdenum	0.5	0.25	0	0	0	0	0	1.5	100	30	R
Nickel	30	0.15	0	0	0	0	0	32	5	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	ND	0.15	0	0	0	0	0	0	0	30	
Thallium	0.32	0.25	0	0	0	0	0	0.5	44	30	R
Vanadium	17	0.15	0	0	0	0	0	18	6	30	
Zinc	210	0.50	0	0	0	0	0	230	8	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-056ADU** Batch ID: **4547** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**
DUP SeqNo: **147588**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.1	0.25	0	0	0	0	0	0.26	53	30	JR
Arsenic	7.5	0.25	0	0	0	0	0	8.5	13	30	
Barium	120	0.15	0	0	0	0	0	150	22	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	24	0.15	0	0	0	0	0	38	46	30	R
Cobalt	8	0.15	0	0	0	0	0	7.5	6	30	
Copper	78	0.15	0	0	0	0	0	58	29	30	
Lead	250	0.25	0	0	0	0	0	180	30	30	R
Molybdenum	ND	0.25	0	0	0	0	0	0	0	30	
Nickel	33	0.15	0	0	0	0	0	34	3	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	ND	0.15	0	0	0	0	0	0	0	30	
Thallium	0.47	0.25	0	0	0	0	0	0.5	6	30	
Vanadium	23	0.15	0	0	0	0	0	23	0	30	
Zinc	90	0.50	0	0	0	0	0	90	1	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: [illegible]

All calculations are based on raw values.

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-058ADU** Batch ID: **4548** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**
DUP SeqNo: **147629**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	0.46	0.25	0	0	0	0	0	0.5	8	30	
Arsenic	10	0.25	0	0	0	0	0	11	10	30	
Barium	84	0.15	0	0	0	0	0	97	14	30	
Beryllium	ND	0.15	0	0	0	0	0	0	0	30	
Cadmium	ND	0.15	0	0	0	0	0	0	0	30	
Chromium	18	0.15	0	0	0	0	0	20	8	30	
Cobalt	23	0.15	0	0	0	0	0	24	6	30	
Copper	70	0.15	0	0	0	0	0	66	5	30	
Lead	7.5	0.25	0	0	0	0	0	9.5	24	30	
Molybdenum	ND	0.25	0	0	0	0	0	0.0035	0	30	
Nickel	20	0.15	0	0	0	0	0	24	20	30	
Selenium	ND	0.25	0	0	0	0	0	0	0	30	
Silver	ND	0.15	0	0	0	0	0	0	0	30	
Thallium	2.5	0.25	0	0	0	0	0	2	22	30	
Vanadium	140	0.15	0	0	0	0	0	140	1	30	
Zinc	78	0.50	0	0	0	0	0	90	15	30	

Sample ID **051567-020A** Batch ID: **4537** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**
DUP SeqNo: **147323**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	6.8	5.0	0	0	0	0	0	5.1	29	30	

Qualifiers:
ND - Not Detected at the Reporting Limit
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Initials: _____

All calculations are based on raw values.

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-042A** Batch ID: **4537** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**
DUP SeqNo: **147335**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	15	5.0	0	0	0	0	0	15	2	30	

Sample ID **051567-062A** Batch ID: **4538** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**
DUP SeqNo: **147361**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	24	5.0	0	0	0	0	0	30	23	30	

Sample ID **051567-016ADU** Batch ID: **4570** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
DUP SeqNo: **147747**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.16	0.10	0	0	0	0	0	0.077	70	30	R

Sample ID **051567-036ADU** Batch ID: **4571** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
DUP SeqNo: **147762**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.09	0.10	0	0	0	0	0	0.049	60	30	JR

Sample ID **051567-058ADU** Batch ID: **4572** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
DUP SeqNo: **147835**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.21	0.10	0	0	0	0	0	0.49	80	30	R

Qualifiers:
ND - Not Detected at the Reporting Limit
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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QC SUMMARY REPORT
Sample Duplicate

Sample ID **051567-038ADU** Batch ID: **4576** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**

DUP SeqNo: **147849**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.04	0.10	0	0	0	0	0	0.2	128	30	JR

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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Date: *13-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051567-016AMS** Batch ID: **4545** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**

MS SeqNo: **147399**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	130	0.25	125	9	96	32	115	0			
Arsenic	120	0.25	125	29	74	59	111	0			
Barium	730	0.15	125	410	255	34	151	0			S
Beryllium	98	0.15	125	0	79	56	112	0			
Cadmium	93	0.15	125	0	74	52	120	0			
Chromium	250	0.15	125	460	-165	56	118	0			S
Cobalt	110	0.15	125	20	73	58	117	0			
Copper	1900	0.15	125	2100	-146	58	134	0			S
Molybdenum	140	0.25	125	120	16	56	115	0			S
Nickel	370	0.15	125	820	-361	52	120	0			S
Selenium	95	0.25	125	0	76	46	108	0			
Silver	44	0.15	125	1	35	74	117	0			S
Thallium	97	0.25	125	3.5	75	62	117	0			
Vanadium	140	0.15	125	28	86	55	122	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051567-016AMS** Batch ID: **4545** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**

MSD SeqNo: **147400**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	64	0.25	125	9	44	32	115	130	67	20	R
Arsenic	92	0.25	125	29	50	59	111	120	27	20	SR
Barium	380	0.15	125	410	-27	34	151	730	63	20	SR
Beryllium	77	0.15	125	0	62	56	112	98	25	20	R
Cadmium	74	0.15	125	0	60	52	120	93	23	20	R
Chromium	200	0.15	125	460	-207	56	118	250	24	20	SR
Cobalt	86	0.15	125	20	53	58	117	110	25	20	SR
Copper	950	0.15	125	2100	-917	58	134	1900	68	20	SR
Molybdenum	110	0.25	125	120	-8	56	115	140	24	20	SR
Nickel	300	0.15	125	820	-419	52	120	370	21	20	SR
Selenium	77	0.25	125	0	62	46	108	95	21	20	R
Silver	34	0.15	125	1	26	74	117	44	27	20	SR
Thallium	78	0.25	125	3.5	59	62	117	97	22	20	SR
Vanadium	100	0.15	125	28	61	55	122	140	31	20	R

Sample ID **051567-016AMS** Batch ID: **4545** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**

MS SeqNo: **147403**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	13000	5.0	125	6400	5048	47	128	0			S
Zinc	1600	10	125	2000	-288	43	134	0			S

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051567-016AMS** Batch ID: **4545** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**

MSD SeqNo: **147404**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	2000	5.0	125	6400	-3520	47	128	13000	146	20	SR
Zinc	1200	10	125	2000	-616	43	134	1600	31	20	SR

Sample ID **051567-036AMS** Batch ID: **4546** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MS SeqNo: **147480**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	99	0.25	125	0.38	79	32	115	0			
Arsenic	120	0.25	125	7.5	91	59	111	0			
Barium	340	0.15	125	290	41	34	151	0			
Beryllium	120	0.15	125	0	93	56	112	0			
Cadmium	110	0.15	125	0	86	52	120	0			
Chromium	170	0.15	125	45	103	56	118	0			
Cobalt	120	0.15	125	5	89	58	117	0			
Copper	190	0.15	125	100	73	58	134	0			
Lead	1800	0.25	125	1500	243	47	128	0			S
Molybdenum	120	0.25	125	1.5	94	56	115	0			
Nickel	140	0.15	125	32	88	52	120	0			
Selenium	110	0.25	125	0	90	46	108	0			
Silver	80	0.15	125	0	64	74	117	0			S
Thallium	110	0.25	125	0.5	88	62	117	0			
Vanadium	140	0.15	125	18	96	55	122	0			
Zinc	320	0.50	125	230	74	43	134	0			

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051567-036AMS** Batch ID: **4546** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MSD SeqNo: **147481**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	92	0.25	125	0.38	73	32	115	99	7	20	
Arsenic	120	0.25	125	7.5	88	59	111	120	1	20	
Barium	300	0.15	125	290	10	34	151	340	13	20	S
Beryllium	110	0.15	125	0	88	56	112	120	6	20	
Cadmium	100	0.15	125	0	80	52	120	110	7	20	
Chromium	150	0.15	125	45	82	56	118	170	15	20	
Cobalt	110	0.15	125	5	83	58	117	120	6	20	
Copper	180	0.15	125	100	68	58	134	190	6	20	
Lead	1600	0.25	125	1500	80	47	128	1800	12	20	
Molybdenum	120	0.25	125	1.5	92	56	115	120	1	20	
Nickel	150	0.15	125	32	92	52	120	140	5	20	
Selenium	110	0.25	125	0	86	46	108	110	2	20	
Silver	70	0.15	125	0	56	74	117	80	14	20	S
Thallium	100	0.25	125	0.5	84	62	117	110	10	20	
Vanadium	130	0.15	125	18	91	55	122	140	6	20	
Zinc	320	0.50	125	230	74	43	134	320	1	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference
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Initials:

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QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051567-056AMS** Batch ID: **4547** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MS SeqNo: **147589**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	78	0.25	125	0.26	63	32	115	0			
Arsenic	120	0.25	125	8.5	90	59	111	0			
Barium	270	0.15	125	150	100	34	151	0			
Beryllium	110	0.15	125	0	91	56	112	0			
Cadmium	100	0.15	125	0	84	52	120	0			
Chromium	140	0.15	125	38	83	56	118	0			
Cobalt	120	0.15	125	7.5	86	58	117	0			
Copper	180	0.15	125	58	98	58	134	0			
Lead	160	0.25	125	180	-12	47	128	0			S
Molybdenum	110	0.25	125	0	88	56	115	0			
Nickel	150	0.15	125	34	89	52	120	0			
Selenium	110	0.25	125	0	88	46	108	0			
Silver	62	0.15	125	0	50	74	117	0			S
Thallium	110	0.25	125	0.5	86	62	117	0			
Vanadium	140	0.15	125	23	97	55	122	0			
Zinc	200	0.50	125	90	90	43	134	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051567-056AMS** Batch ID: **4547** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MSD SeqNo: **147590**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	82	0.25	125	0.26	65	32	115	78	4	20	
Arsenic	120	0.25	125	8.5	92	59	111	120	1	20	
Barium	270	0.15	125	150	94	34	151	270	2	20	
Beryllium	110	0.15	125	0	91	56	112	110	4	20	
Cadmium	100	0.15	125	0	84	52	120	100	5	20	
Chromium	140	0.15	125	38	82	56	118	140	1	20	
Cobalt	120	0.15	125	7.5	88	58	117	120	4	20	
Copper	200	0.15	125	58	110	58	134	180	11	20	
Lead	190	0.25	125	180	7	47	128	160	14	20	S
Molybdenum	110	0.25	125	0	89	56	115	110	0	20	
Nickel	150	0.15	125	34	90	52	120	150	3	20	
Selenium	110	0.25	125	0	89	46	108	110	0	20	
Silver	52	0.15	125	0	42	74	117	62	18	20	S
Thallium	110	0.25	125	0.5	87	62	117	110	2	20	
Vanadium	140	0.15	125	23	96	55	122	140	3	20	
Zinc	200	0.50	125	90	88	43	134	200	1	20	

Qualifiers:
ND - Not Detected at the Reporting Limit
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Initials:

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Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051567-058AMS** Batch ID: **4548** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MS SeqNo: **147630**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	77	0.25	125	0.5	61	32	115	0			
Arsenic	110	0.25	125	11	83	59	111	0			
Barium	200	0.15	125	97	84	34	151	0			
Beryllium	110	0.15	125	0	85	56	112	0			
Cadmium	94	0.15	125	0	76	52	120	0			
Chromium	120	0.15	125	20	82	56	118	0			
Cobalt	130	0.15	125	24	85	58	117	0			
Copper	200	0.15	125	66	104	58	134	0			
Lead	110	0.25	125	9.5	80	47	128	0			
Molybdenum	100	0.25	125	0.0035	80	56	115	0			
Nickel	130	0.15	125	24	84	52	120	0			
Selenium	96	0.25	125	0	77	46	108	0			
Silver	66	0.15	125	0	53	74	117	0			S
Thallium	100	0.25	125	2	82	62	117	0			
Vanadium	290	0.15	125	140	118	55	122	0			
Zinc	190	0.50	125	90	83	43	134	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Sample Matrix Spike Duplicate

Sample ID **051567-058AMS** Batch ID: **4548** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

MSD SeqNo: **147631**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	77	0.25	125	0.5	61	32	115	77	0	20	
Arsenic	120	0.25	125	11	83	59	111	110	5	20	
Barium	200	0.15	125	97	84	34	151	200	1	20	
Beryllium	110	0.15	125	0	85	56	112	110	4	20	
Cadmium	94	0.15	125	0	76	52	120	94	1	20	
Chromium	120	0.15	125	20	82	56	118	120	2	20	
Cobalt	130	0.15	125	24	84	58	117	130	0	20	
Copper	200	0.15	125	66	104	58	134	200	2	20	
Lead	110	0.25	125	9.5	80	47	128	110	0	20	
Molybdenum	100	0.25	125	0.0035	80	56	115	100	1	20	
Nickel	130	0.15	125	24	83	52	120	130	1	20	
Selenium	97	0.25	125	0	78	46	108	96	1	20	
Silver	66	0.15	125	0	53	74	117	66	1	20	S
Thallium	100	0.25	125	2	82	62	117	100	5	20	
Vanadium	290	0.15	125	140	118	55	122	290	1	20	
Zinc	190	0.50	125	90	83	43	134	190	2	20	

Sample ID **051567-020A** Batch ID: **4537** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**

MS SeqNo: **147324**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	160	5.0	250	5.1	61	47	128	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
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S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051567-042A** Batch ID: **4537** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**
MS SeqNo: **147336**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	66	5.0	250	15	20	47	128	0			S

Sample ID **051567-062A** Batch ID: **4538** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**
MS SeqNo: **147362**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	170	5.0	250	30	57	47	128	0			

Sample ID **051567-062A** Batch ID: **4538** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**
MSD SeqNo: **147363**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	220	5.0	250	30	77	47	128	170	24	20	R

Sample ID **051567-016AMS** Batch ID: **4570** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MS SeqNo: **147748**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.86	0.10	0.83	0.077	95	62	146	0			

Sample ID **051567-016AMS** Batch ID: **4570** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MSD SeqNo: **147749**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.82	0.10	0.83	0.077	90	62	146	0.86	5	33	

Qualifiers:
ND - Not Detected at the Reporting Limit
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Initials: _____

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QC SUMMARY REPORT
Sample Matrix Spike

Sample ID **051567-036AMS** Batch ID: **4571** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MS SeqNo: **147763**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.33	0.10	0.83	0.049	34	62	146	0			S

Sample ID **051567-036AMS** Batch ID: **4571** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MSD SeqNo: **147764**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.32	0.10	0.83	0.049	32	62	146	0.33	3	33	S

Sample ID **051567-058AMS** Batch ID: **4572** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MS SeqNo: **147836**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.58	0.10	0.83	0.49	11	62	146	0			S

Sample ID **051567-058AMS** Batch ID: **4572** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MSD SeqNo: **147837**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.85	0.10	0.83	0.49	43	62	146	0.58	38	33	SR

Sample ID **051567-038AMS** Batch ID: **4576** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
MS SeqNo: **147850**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.72	0.10	0.83	0.2	62	62	146	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
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M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

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CLIENT: Geocon Environmental
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Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT

Sample Matrix Spike Duplicate

Sample ID **051567-038AMS** Batch ID: **4576** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**

MSD SeqNo: **147851**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	0.69	0.10	0.83	0.2	59	62	146	0.72	4	33	S

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: ____

All calculations are based on raw values.

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Advanced Technology Laboratories

Date: *13-Jun-01*

CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4545** Batch ID: **4545** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**

LCS SeqNo: **147387**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	52	0.25	50	0	105	80	120	0			
Arsenic	50	0.25	50	0	101	80	120	0			
Barium	49	0.15	50	0	98	80	120	0			
Beryllium	49	0.15	50	0	98	80	120	0			
Cadmium	48	0.15	50	0	96	80	120	0			
Chromium	48	0.15	50	0	97	80	120	0			
Cobalt	48	0.15	50	0	97	80	120	0			
Copper	48	0.15	50	0	97	80	120	0			
Lead	46	0.25	50	0	91	80	120	0			
Molybdenum	50	0.25	50	0	100	80	120	0			
Nickel	47	0.15	50	0	94	80	120	0			
Selenium	50	0.25	50	0	99	80	120	0			
Silver	43	0.15	50	0	86	80	120	0			
Thallium	48	0.25	50	0.039	97	80	120	0			
Vanadium	49	0.15	50	0	98	80	120	0			
Zinc	48	0.50	50	0	96	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials: _____

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
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QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4546** Batch ID: **4546** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

LCS SeqNo: **147468**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	52	0.25	50	0	105	80	120	0			
Arsenic	50	0.25	50	0.091	101	80	120	0			
Barium	50	0.15	50	0	101	80	120	0			
Beryllium	50	0.15	50	0	100	80	120	0			
Cadmium	48	0.15	50	0	96	80	120	0			
Chromium	48	0.15	50	0	97	80	120	0			
Cobalt	48	0.15	50	0	96	80	120	0			
Copper	50	0.15	50	0	100	80	120	0			
Lead	46	0.25	50	0	91	80	120	0			
Molybdenum	50	0.25	50	0	99	80	120	0			
Nickel	47	0.15	50	0	94	80	120	0			
Selenium	49	0.25	50	0	98	80	120	0			
Silver	44	0.15	50	0	87	80	120	0			
Thallium	48	0.25	50	0.16	96	80	120	0			
Vanadium	50	0.15	50	0	100	80	120	0			
Zinc	49	0.50	50	0	98	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4547** Batch ID: **4547** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

LCS SeqNo: **147577**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	54	0.25	50	0	107	80	120	0			
Arsenic	50	0.25	50	0.026	101	80	120	0			
Barium	50	0.15	50	0	101	80	120	0			
Beryllium	50	0.15	50	0	100	80	120	0			
Cadmium	48	0.15	50	0	97	80	120	0			
Chromium	49	0.15	50	0	98	80	120	0			
Cobalt	48	0.15	50	0	97	80	120	0			
Copper	50	0.15	50	0	100	80	120	0			
Lead	46	0.25	50	0	92	80	120	0			
Molybdenum	50	0.25	50	0	100	80	120	0			
Nickel	48	0.15	50	0	95	80	120	0			
Selenium	50	0.25	50	0	99	80	120	0			
Silver	44	0.15	50	0	87	80	120	0			
Thallium	48	0.25	50	0.007	97	80	120	0			
Vanadium	50	0.15	50	0	101	80	120	0			
Zinc	49	0.50	50	0	98	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

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CLIENT: Geocon Environmental
Work Order: 051567
Project: Oakland Mole - E8000-06-13

QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4548** Batch ID: **4548** Test Name **ICP METALS** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/11/01**

LCS SeqNo: **147626**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Antimony	54	0.25	50	0	107	80	120	0			
Arsenic	50	0.25	50	0	101	80	120	0			
Barium	50	0.15	50	0	101	80	120	0			
Beryllium	50	0.15	50	0	101	80	120	0			
Cadmium	48	0.15	50	0	97	80	120	0			
Chromium	49	0.15	50	0	98	80	120	0			
Cobalt	48	0.15	50	0	97	80	120	0			
Copper	50	0.15	50	0	100	80	120	0			
Lead	46	0.25	50	0	92	80	120	0			
Molybdenum	50	0.25	50	0	100	80	120	0			
Nickel	48	0.15	50	0	96	80	120	0			
Selenium	50	0.25	50	0	99	80	120	0			
Silver	44	0.15	50	0	88	80	120	0			
Thallium	48	0.25	50	0.046	97	80	120	0			
Vanadium	50	0.15	50	0	101	80	120	0			
Zinc	49	0.50	50	0	98	80	120	0			

Sample ID **LCS-4537** Batch ID: **4537** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**

LCS SeqNo: **147339**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	240	5.0	250	0.082	96	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

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CLIENT: Geocon Environmental
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QC SUMMARY REPORT
Laboratory Control Spike - generic

Sample ID **LCS-4538** Batch ID: **4538** Test Name **LEAD BY ICP** Units **mg/Kg** Analysis Date: **6/12/01** Prep Date: **6/11/01**
LCS SeqNo: **147365**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Lead	240	5.0	250	0.41	95	80	120	0			

Sample ID **LCS-4570** Batch ID: **4570** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
LCS SeqNo: **147751**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	2	0.10	2.08	0	94	80	120	0			

Sample ID **LCS-4571** Batch ID: **4571** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
LCS SeqNo: **147766**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.7	0.10	2.08	0	82	80	120	0			

Sample ID **LCS-4576** Batch ID: **4576** Test Name **MERCURY BY COLD VAPOR TECHNIQUE** Units **mg/Kg** Analysis Date: **6/13/01** Prep Date: **6/13/01**
LCS SeqNo: **147853**

Analyte	Result	PQL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Mercury	1.7	0.10	2.08	0	82	80	120	0			

Qualifiers:
ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
R - RPD outside accepted recovery limits
B - Analyte detected in the associated Method Blank
M - Not Monitored. Highly Reactive
S - Spike/Surrogate outside of limits due to matrix interference
DO - Surrogate Diluted Out

Initials:

All calculations are based on raw values.

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SUB CHAIN-OF-CUSTODY RECORD

Subcontractor:

AETL
2834 North Naomi Street

Burbank, CA 91504

TEL: (818) 845-8200
FAX: (818) 845-8840

Acct #:

19130

needs to be added

QClevel: CT-TR1

Sample ID	Matrix	Collection Date	Bottle Type	Requested Tests: ~~EPA 8400~~ 8310 6-15-01 sm			
051567-001A \ PL3-1	Soil	6/8/01 8:30:00 AM	TUBE	1			AE (
051567-002A \ PL3-3	Soil	6/8/01 8:30:00 AM	TUBE	1			AE 00 [illegible]
051567-003A \ PL3-0	Soil	6/8/01 8:30:00 AM	TUBE	1			AE 00195
051567-010A \ PL1-1	Soil	6/8/01 8:59:00 AM	TUBE	1			AE 00196
051567-011A \ PL1-3	Soil	6/8/01 8:59:00 AM	TUBE	1			AE 00197
051567-012A \ PL1-0	Soil	6/8/01 8:59:00 AM	TUBE	1			AE 00198
051567-013A \ SS4-1	Soil	6/8/01 9:30:00 AM	TUBE	1			AE 00199
051567-014A \ SS4-3	Soil	6/8/01 9:30:00 AM	TUBE	1			AE 00200
051567-015A \ SS4-5	Soil	6/8/01 9:30:00 AM	TUBE	1			AE 00201
051567-016A \ SS4-0	Soil	6/8/01 9:30:00 AM	TUBE	1			AE 00202
051567-024A \ AR2-0	Soil	6/8/01 9:55:00 AM	TUBE	1			AE 00203
051567-025A \ AR2-1	Soil	6/8/01 9:55:00 AM	TUBE	1			AE 00204
051567-026A \ AR2-3	Soil	6/8/01 9:55:00 AM	TUBE	1			AE 00205
051567-027A \ AR4-0	Soil	6/8/01 10:10:00 AM	TUBE	1			AE 00206
051567-028A \ AR4-1	Soil	6/8/01 10:10:00 AM	TUBE	1			AE 00207
051567-029A \ AR4-3	Soil	6/8/01 10:10:00 AM	TUBE	1			AE 00208
051567-033A \ DB4-0	Soil	6/8/01 11:10:00 AM	TUBE	1			AE 00209
051567-034A \ DB4-1	Soil	6/8/01 11:10:00 AM	TUBE	1			AE 00210

Comments: Please use PO#: 21424 Please fax results by: 6[redacted]1 Normal TAT

		Date/Time			Date/Time
Relinquished by:	[signature]	6/14/01 2:56	**Received by:**	[signature]	6/15/01-10:00 am
Relinquished by:			**Received by:**		

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ANALYTICAL RESULTS

Ordered By

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Telephone: (562)989-4045
Attn: Diane Galvan

Page: 2
Project ID: 051567

AETL Job Number	Submitted	Client
19130	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06202001 / 06202001

Our Lab I.D.				AE100193	AE100194		
Client Sample I.D.			Method Blank	051567-001A	051567-002A		
Date Sampled			06/08/2001	06/08/2001	06/08/2001		
Date Prepared			06/20/2001	06/20/2001	06/20/2001		
Preparation Method			3550B	3550B	3550B		
Date Analyzed			06/23/2001	06/23/2001	06/23/2001		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**		
Benzo(a)anthracene	0.010	0.020	ND	0.066	ND		
Benzo(a)pyrene	0.010	0.020	ND	0.188	ND		
Benzo(b)fluoranthene	0.010	0.020	ND	0.144	ND		
Benzo(k)fluoranthene	0.010	0.020	ND	0.060	ND		
Chrysene	0.010	0.020	ND	0.090	ND		
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND	ND		
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND	0.071	ND		
Acenaphthene	0.010	0.020	ND	0.127	ND		
Acenaphthylene	0.010	0.020	ND	ND	ND		
Anthracene	0.010	0.020	ND	0.081	ND		
Benzo(ghi)perylene	0.010	0.020	ND	0.069	ND		
Fluoranthene	0.010	0.020	ND	0.477	ND		
Fluorene	0.010	0.020	ND	0.087	ND		
Naphthalene	0.010	0.020	ND	0.032	ND		
Phenanthrene	0.010	0.020	ND	0.694	ND		
Pyrene	0.010	0.020	ND	0.319	ND		

Our Lab I.D.				AE100193	AE100194		
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**	**% Rec.**		
p-Terphenyl-D14	75-125		90	79	92		

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Page: 3
Project ID: 051567

AETL Job Number	Submitted	Client
19130	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06202001 / 06202001

Our Lab I.D.			AE100195				
Client Sample I.D.			051567-003A				
Date Sampled			06/08/2001				
Date Prepared			06/20/2001				
Preparation Method			3550B				
Date Analyzed			06/23/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			8				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.080	0.160	ND				
Benzo(a)pyrene	0.080	0.160	ND				
Benzo(b)fluoranthene	0.080	0.160	0.229				
Benzo(k)fluoranthene	0.080	0.160	ND				
Chrysene	0.080	0.160	0.330				
Dibenzo(a,h)anthracene	0.080	0.160	ND				
Indeno(1,2,3-cd)pyrene	0.080	0.160	ND				
Acenaphthene	0.080	0.160	ND				
Acenaphthylene	0.080	0.160	ND				
Anthracene	0.080	0.160	ND				
Benzo(ghi)perylene	0.080	0.160	ND				
Fluoranthene	0.080	0.160	ND				
Fluorene	0.080	0.160	ND				
Naphthalene	0.080	0.160	ND				
Phenanthrene	0.080	0.160	ND				
Pyrene	0.080	0.160	ND				

Comment(s):

AE100195:DL=8 due to very high TPH contamination.

Our Lab I.D.			AE100195				
Surrogates	**Con.Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		82				

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Page: **4**
Project ID: 051567

AETL Job Number	Submitted	Client
19130	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06202001 / 06202001

Our Lab I.D.			AE100196	AE100197	AE100198		
Client Sample I.D.			051567-010A	051567-011A	051567-012A		
Date Sampled			06/08/2001	06/08/2001	06/08/2001		
Date Prepared			06/20/2001	06/20/2001	06/20/2001		
Preparation Method			3550B	3550B	3550B		
Date Analyzed			06/23/2001	06/23/2001	06/23/2001		
Matrix			Soil	Soil	Soil		
Units			mg/Kg	mg/Kg	mg/Kg		
Dilution Factor			1	1	1		
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**		
Benzo(a)anthracene	0.010	0.020	ND	ND	ND		
Benzo(a)pyrene	0.010	0.020	ND	ND	ND		
Benzo(b)fluoranthene	0.010	0.020	ND	ND	0.011J		
Benzo(k)fluoranthene	0.010	0.020	ND	ND	ND		
Chrysene	0.010	0.020	ND	ND	0.016J		
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND	ND		
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND	ND	ND		
Acenaphthene	0.010	0.020	ND	ND	ND		
Acenaphthylene	0.010	0.020	ND	ND	ND		
Anthracene	0.010	0.020	ND	ND	ND		
Benzo(ghi)perylene	0.010	0.020	ND	ND	ND		
Fluoranthene	0.010	0.020	ND	ND	ND		
Fluorene	0.010	0.020	ND	ND	ND		
Naphthalene	0.010	0.020	ND	ND	ND		
Phenanthrene	0.010	0.020	ND	ND	0.044		
Pyrene	0.010	0.020	ND	ND	ND		

Our Lab I.D.			AE100196	AE100197	AE100198		
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**	**% Rec.**		
p-Terphenyl-D14	75-125		93	95	83		

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Page: 5
Project ID: 051567

AETL Job Number	Submitted	Client
19130	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06202001 / 06202001

Our Lab I.D.			AE100199	AE100200			
Client Sample I.D.			051567-013A	051567-014A			
Date Sampled			06/08/2001	06/08/2001			
Date Prepared			06/20/2001	06/20/2001			
Preparation Method			3550B	3550B			
Date Analyzed			06/23/2001	06/23/2001			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			2	2			
Analytes	**MDL**	**PQL**	**Results**	**Results**			
Benzo(a)anthracene	0.020	0.040	ND	ND			
Benzo(a)pyrene	0.020	0.040	0.020J	ND			
Benzo(b)fluoranthene	0.020	0.040	0.042	ND			
Benzo(k)fluoranthene	0.020	0.040	ND	ND			
Chrysene	0.020	0.040	0.100	ND			
Dibenzo(a,h)anthracene	0.020	0.040	ND	ND			
Indeno(1,2,3-cd)pyrene	0.020	0.040	ND	ND			
Acenaphthene	0.020	0.040	ND	ND			
Acenaphthylene	0.020	0.040	ND	ND			
Anthracene	0.020	0.040	ND	ND			
Benzo(ghi)perylene	0.020	0.040	ND	ND			
Fluoranthene	0.020	0.040	ND	ND			
Fluorene	0.020	0.040	ND	ND			
Naphthalene	0.020	0.040	0.028J	ND			
Phenanthrene	0.020	0.040	0.144	ND			
Pyrene	0.020	0.040	0.084	ND			

Comment(s):

AE100200:Sample was diluted due to matrix interference.

Our Lab I.D.			AE100199	AE100200			
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**			
p-Terphenyl-D14	75-125		76	88			

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Project ID: 051567

AETL Job Number	Submitted	Client
19130	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06202001 / 06202001

Our Lab I.D.			AE100201	AE100202			
Client Sample I.D.			051567-015A	051567-016A			
Date Sampled			06/08/2001	06/08/2001			
Date Prepared			06/20/2001	06/20/2001			
Preparation Method			3550B	3550B			
Date Analyzed			06/23/2001	06/23/2001			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			1	1			
Analytes	**MDL**	**PQL**	**Results**	**Results**			
Benzo(a)anthracene	0.010	0.020	ND	ND			
Benzo(a)pyrene	0.010	0.020	ND	ND			
Benzo(b)fluoranthene	0.010	0.020	ND	0.015J			
Benzo(k)fluoranthene	0.010	0.020	ND	ND			
Chrysene	0.010	0.020	ND	ND			
Dibenzo(a,h)anthracene	0.010	0.020	ND	ND			
Indeno(1,2,3-cd)pyrene	0.010	0.020	ND	ND			
Acenaphthene	0.010	0.020	ND	ND			
Acenaphthylene	0.010	0.020	ND	ND			
Anthracene	0.010	0.020	ND	ND			
Benzo(ghi)perylene	0.010	0.020	ND	ND			
Fluoranthene	0.010	0.020	ND	ND			
Fluorene	0.010	0.020	ND	ND			
Naphthalene	0.010	0.020	ND	ND			
Phenanthrene	0.010	0.020	ND	0.019J			
Pyrene	0.010	0.020	ND	ND			

Our Lab I.D.			AE100201	AE100202			
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**			
p-Terphenyl-D14	75-125		96	107			

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Page: **7**
Project ID: 051567

AETL Job Number	Submitted	Client
19130	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06202001 / 06202001

Our Lab I.D.			AE100203	AE100204	AE100205	AE100206	AE100207
Client Sample I.D.			051567-024A	051567-025A	051567-026A	051567-027A	051567-028A
Date Sampled			06/08/2001	06/08/2001	06/08/2001	06/08/2001	06/08/2001
Date Prepared			06/20/2001	06/20/2001	06/20/2001	06/20/2001	06/20/2001
Preparation Method			3550B	3550B	3550B	3550B	3550B
Date Analyzed			06/23/2001	06/23/2001	06/23/2001	06/23/2001	06/23/2001
Matrix			Soil	Soil	Soil	Soil	Soil
Units			mg/Kg	mg/Kg	mg/Kg	mg/Kg	mg/Kg
Dilution Factor			2	2	2	2	2
Analytes	**MDL**	**PQL**	**Results**	**Results**	**Results**	**Results**	**Results**
Benzo(a)anthracene	0.020	0.040	ND	ND	0.030J	0.020J	ND
Benzo(a)pyrene	0.020	0.040	ND	0.020J	0.131	0.041	ND
Benzo(b)fluoranthene	0.020	0.040	0.021J	0.058	0.140	0.061	0.049
Benzo(k)fluoranthene	0.020	0.040	ND	ND	0.040	0.026J	ND
Chrysene	0.020	0.040	ND	ND	0.057	0.036J	ND
Dibenzo(a,h)anthracene	0.020	0.040	ND	ND	ND	ND	ND
Indeno(1,2,3-cd)pyrene	0.020	0.040	ND	ND	0.131	0.034J	ND
Acenaphthene	0.020	0.040	ND	ND	ND	0.052	ND
Acenaphthylene	0.020	0.040	ND	ND	ND	ND	ND
Anthracene	0.020	0.040	ND	ND	ND	0.029J	ND
Benzo(ghi)perylene	0.020	0.040	ND	ND	0.125	0.034J	ND
Fluoranthene	0.020	0.040	ND	0.024J	0.128	0.206	ND
Fluorene	0.020	0.040	ND	ND	ND	0.044	ND
Naphthalene	0.020	0.040	ND	ND	ND	ND	ND
Phenanthrene	0.020	0.040	0.020J	0.025J	0.062	0.282	ND
Pyrene	0.020	0.040	ND	0.029J	0.183	0.154	ND

Our Lab I.D.			AE100203	AE100204	AE100205	AE100206	AE100207
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**	**% Rec.**
p-Terphenyl-D14	75-125		90	79	81	88	86

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Page: 8
Project ID: 051567

AETL Job Number	Submitted	Client
19130	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06202001 / 06202001

Our Lab I.D.			AE100208	AE100209			
Client Sample I.D.			051567-029A	051567-033A			
Date Sampled			06/08/2001	06/08/2001			
Date Prepared			06/20/2001	06/20/2001			
Preparation Method			3550B	3550B			
Date Analyzed			06/24/2001	06/24/2001			
Matrix			Soil	Soil			
Units			mg/Kg	mg/Kg			
Dilution Factor			2	2			
Analytes	**MDL**	**PQL**	**Results**	**Results**			
Benzo(a)anthracene	0.020	0.040	ND	0.077			
Benzo(a)pyrene	0.020	0.040	ND	0.220			
Benzo(b)fluoranthene	0.020	0.040	0.035J	0.272			
Benzo(k)fluoranthene	0.020	0.040	ND	0.094			
Chrysene	0.020	0.040	ND	0.122			
Dibenzo(a,h)anthracene	0.020	0.040	ND	ND			
Indeno(1,2,3-cd)pyrene	0.020	0.040	ND	0.166			
Acenaphthene	0.020	0.040	ND	ND			
Acenaphthylene	0.020	0.040	ND	ND			
Anthracene	0.020	0.040	ND	0.076			
Benzo(ghi)perylene	0.020	0.040	ND	0.182			
Fluoranthene	0.020	0.040	ND	0.372			
Fluorene	0.020	0.040	ND	ND			
Naphthalene	0.020	0.040	ND	0.030J			
Phenanthrene	0.020	0.040	ND	0.321			
Pyrene	0.020	0.040	ND	0.333			

Our Lab I.D.			AE100208	AE100209			
Surrogates	**Con.Limit**		**% Rec.**	**% Rec.**			
o-Terphenyl-D14	75-125		79	97			

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Page: 9
Project ID: 051567

AETL Job Number	Submitted	Client
19130	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QC Batch Number: 06202001 / 06202001

Our Lab I.D.			AE100210				
Client Sample I.D.			051567-034A				
Date Sampled			06/08/2001				
Date Prepared			06/20/2001				
Preparation Method			3550B				
Date Analyzed			06/24/2001				
Matrix			Soil				
Units			mg/Kg				
Dilution Factor			1				
Analytes	**MDL**	**PQL**	**Results**				
Benzo(a)anthracene	0.010	0.020	0.014J				
Benzo(a)pyrene	0.010	0.020	0.031				
Benzo(b)fluoranthene	0.010	0.020	0.042				
Benzo(k)fluoranthene	0.010	0.020	0.016J				
Chrysene	0.010	0.020	0.028				
Dibenzo(a,h)anthracene	0.010	0.020	ND				
Indeno(1,2,3-cd)pyrene	0.010	0.020	0.025				
Acenaphthene	0.010	0.020	0.013J				
Acenaphthylene	0.010	0.020	ND				
Anthracene	0.010	0.020	ND				
Benzo(ghi)perylene	0.010	0.020	0.022				
Fluoranthene	0.010	0.020	0.081				
Fluorene	0.010	0.020	0.010J				
Naphthalene	0.010	0.020	0.012J				
Phenanthrene	0.010	0.020	0.099				
Pyrene	0.010	0.020	0.065				

Our Lab I.D.			AE100210				
Surrogates	**Con.Limit**		**% Rec.**				
p-Terphenyl-D14	75-125		78				

American Environmental Testing Laboratory Inc.

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ANALYTICAL RESULTS

Ordered By

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Page: 10
Project ID: 051567

AETL Job Number	Submitted	Client
19130	06/15/2001	ATL

Method: (8310), Polynuclear Aromatic Hydrocarbons (SW-846)

QUALITY CONTROL REPORT

QC Batch Number: 06202001 / 06202001

Analytes	MS Concen	MS Recov	MS % REC	MS DUP Concen	MS DUP Recov	MS DUP % REC	RPD %	MS/MSD % Limit	MS RPD % Limit	
Benzo(a)anthracene	50.00	47.00	94	50.00	47.00	94	<1	75-125	<20	
Benzo(a)pyrene	50.00	42.50	85	50.00	43.50	87	2.3	75-125	<20	
Naphthalene	500.00	390.00	78	500.00	400.00	80	2.5	75-125	<20	

QC Batch Number: 06202001 / 06202001

Analytes	LCS Concen	LCS Recov	LCS % REC	LCS/LCSD % Limit						
Benzo(a)anthracene	50.00	50.00	100	75-125						
Benzo(a)pyrene	50.00	43.50	87	75-125						
Naphthalene	500.00	415.00	83	75-125						
LCS										
Acenaphthene	500.00	515.00	103	75-125						
Acenaphthylene	500.00	505.00	101	75-125						
Anthracene	500.00	505.00	101	75-125						
Benzo(b)fluoranthene	50.00	47.50	95	75-125						
Benzo(ghi)perylene	50.00	46.00	92	75-125						
Benzo(k)fluoranthene	25.00	23.50	94	75-125						
Chrysene	50.00	47.50	95	75-125						
Dibenzo(a,h)anthracene	50.00	54.00	108	75-125						
Fluoranthene	50.00	46.50	93	75-125						
Fluorene	500.00	445.00	89	75-125						
Indeno(1,2,3-cd)pyrene	50.00	48.50	97	75-125						
Phenanthrene	500.00	530.00	106	75-125						
Pyrene	50.00	56.00	112	75-125						