SEQUOIA ANALYTICAL
1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Soil Samples

FACSIMILE TRANSMISSION

TO:

Name: Cherie D'Andrea
Company: Alton Geoscience
Fax #: 734-8420

From:

Scott Chieffo

SEQUOIA ANALYTICAL, CONCORD
FAX (510) 686-9689

Date: 2-11-92

Number of Pages (including this page): 28

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SEQUOIA ANALYTICAL

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Alton Geoscience	Client Project ID:	Mobil #10-H6J/ 30-0065-05	Sampled:	1/30-1/31/92
5870 Stoneridge Drive, Suite 6	Matrix Descript:	Soil	Received:	Feb 3, 1992
Pleasanton, CA 94588	Analysis Method:	EPA 5030/8015/8020	Analyzed:	Feb 4, 1992
Attention: Cherie D' Andrea	First Sample #:	202-0009	Reported:	Feb 11, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)	
202-0009	SB-15(11.5-12)	N.D.	N.D.	0.011	N.D.	0.014	office bldg.
202-0010	SB-15(17.5-18)	N.D.	N.D.	N.D.	N.D.	N.D.	
202-0014	SB-14(19.5-20)	N.D.	N.D.	N.D.	N.D.	N.D.	lube room
202-0015	SB-14(29.5-30)	N.D.	N.D.	N.D.	N.D.	N.D.	
202-0016	SB-14(34.5-35)	N.D.	N.D.	N.D.	N.D.	N.D.	
202-0017	SB-14(39.5-40)	N.D.	N.D.	N.D.	N.D.	N.D.	
Detection Limits:		**1.0**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection.

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Project Manager

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Alton Geoscience	Client Project ID:	Mobil #10-H6J/ 30-0065-05	Sampled:	Jan 30, 1992
5870 Stoneridge Drive, Suite 6	Matrix Descript:	Soil	Received:	Feb 3, 1992
Pleasanton, CA 94588	Analysis Method:	EPA 5030/8015/8020	Analyzed:	Feb 4, 1992
Attention: Cherie D' Andrea	First Sample #:	202-0011	Reported:	Feb 11, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)	
202-0011	SB-15(25-25.5)	6.2	0.013	1.3	0.16	1.0	– office bldg.
Detection Limits:		**2.0**	**0.010**	**0.010**	**0.010**	**0.010**	

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Alton Geoscience	Client Project ID:	Mobil #10-H6J / 30-0065-05	Sampled:	Jan 30, 1992
5870 Stoneridge Drive, Suite 6	Matrix Descript:	Soil	Received:	Feb 3, 1992
Pleasanton, CA 94588	Analysis Method:	EPA 5030/8015/8020	Analyzed:	Feb 4, 1992
Attention: Cherie D' Andrea	First Sample #:	202-0012	Reported:	Feb 11, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
202-0012	SB-15(34-34.5)	4,100	51	270	130	540

cop. - pump (office)

gw. e 43'

Detection Limits:	100	0.50	0.50	0.50	0.50

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Alton Geoscience	Client Project ID:	Mobil #10-H6J/ 30-0065-05	Sampled: Jan 30, 1992
5870 Stoneridge Drive, Suite 6	Matrix Descript:	Soil	Received: Feb 3, 1992
Pleasanton, CA 94588	Analysis Method:	EPA 5030/8015/8020	Analyzed: Feb 4, 1992
Attention: Cherie D' Andrea	First Sample #:	202-0013	Reported: Feb 11, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)
202-0013	SB-15(37-37.5)	740	7.2	29	18	73
Detection Limits:		50	0.25	0.25	0.25	0.25

CA Group (office)

gwc 43'

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection. Because matrix effects and/or other factors required additional sample dilution, detection limits for this sample have been raised.

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Alton Geoscience	Client Project ID:	Mobil #10-H6J/ 30-0065-05	Sampled:	1/30-1/31/92
5870 Stoneridge Drive, Suite 6	Matrix Descript:	Soil	Received:	Feb 3, 1992
Pleasanton, CA 94588	Analysis Method:	SM 5520 E&F (Gravimetric)	Extracted:	Feb 4, 1992
Attention: Cherie D' Andrea	First Sample #:	202-0009	Analyzed:	Feb 7, 1992
			Reported:	Feb 11, 1992

TOTAL RECOVERABLE PETROLEUM OIL

Sample Number	Sample Description	Oil & Grease mg/kg (ppm)	
202-0009	SB-15(11.5-12)	N.D.	
202-0010	SB-15(17.5-18)	N.D.	
202-0011	SB-15(25-25.5)	N.D.	office bldg.
202-0012	SB-15(34-34.5)	N.D.	
202-0013	SB-15(37-37.5)	N.D.	
202-0014	SB-14(19.5-20)	N.D.	
202-0015	SB-14(29.5-30)	N.D.	lube room
202-0016	SB-14(34.5-35)	N.D.	
202-0017	SB-14(39.5-40)	N.D.	

Detection Limits:	30

Analytes reported as N.D. were not present above the stated limit of detection.

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Alton Geoscience	Client Project ID:	Mobil #10-H6J/ 30-0065-05	Sampled:	Jan 30, 1992
5870 Stoneridge Drive, Suite 6	Sample Descript:	Soil, SB-15(11.5-12) – Office	Received:	Feb 3, 1992
Pleasanton, CA 94588	Analysis Method:	EPA 5030/8010	Analyzed:	Feb 9, 1992
Attention: Cherie D' Andrea	Lab Number:	202-0009	Reported:	Feb 11, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	5.0	N.D.
1,1,2,2-Tetrachloroethane	50	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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Alton Geoscience	Client Project ID:	Mobil #10-H&J / 30-0065-05	Sampled:	Jan 30, 1992
5870 Stoneridge Drive, Suite 6	Sample Descript:	Soil, SB-15(17.5-18)	Received:	Feb 3, 1992
Pleasanton, CA 94588	Analysis Method:	EPA 5030/8010	Analyzed:	Feb 8, 1992
Attention: Cherie D' Andrea	Lab Number:	202-0010	Reported:	Feb 11, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

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5870 Stoneridge Drive, Suite 6	Sample Descript:	Soil, SB-15(25-25.5) office	Received: Feb 3, 1992
Pleasanton, CA 94588	Analysis Method:	EPA 5030/8010	Analyzed: Feb 9, 1992
Attention: Cherie D' Andrea	Lab Number:	202-0011	Reported: Feb 11, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	23
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

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Alton Geoscience	Client Project ID:	Mobil #10-H6J / 30-0065-05	Sampled:	Jan 30, 1992
5870 Stoneridge Drive, Suite 6	Sample Descript:	~~Soil, SB-15(34-34.5)~~ -office	Received:	Feb 3, 1992
Pleasanton, CA 94588	Analysis Method:	EPA 5030/8010	Analyzed:	Feb 9, 1992
Attention: Cherie D' Andrea	Lab Number:	202-0012	Reported:	Feb 11, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	50	N.D.
Bromoform	50	N.D.
Bromomethane	50	N.D.
Carbon tetrachloride	50	N.D.
Chlorobenzene	50	N.D.
Chloroethane	50	N.D.
2-Chloroethylvinyl ether	50	N.D.
Chloroform	50	N.D.
Chloromethane	50	N.D.
Dibromochloromethane	50	N.D.
1,2-Dichlorobenzene	50	N.D.
1,3-Dichlorobenzene	50	N.D.
1,4-Dichlorobenzene	50	N.D.
1,1-Dichloroethane	50	N.D.
1,2-Dichloroethane	50	390
1,1-Dichloroethene	50	N.D.
cis-1,2-Dichloroethene	50	N.D.
trans-1,2-Dichloroethene	50	N.D.
1,2-Dichloropropane	50	N.D.
cis-1,3-Dichloropropene	50	N.D.
trans-1,3-Dichloropropene	50	N.D.
Methylene chloride	500	N.D.
1,1,2,2-Tetrachloroethane	50	N.D.
Tetrachloroethene	50	N.D.
1,1,1-Trichloroethane	50	N.D.
1,1,2-Trichloroethane	50	N.D.
Trichloroethene	50	N.D.
Trichlorofluoromethane	50	N.D.
Vinyl chloride	50	N.D.

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5870 Stoneridge Drive, Suite 6	Sample Descript:	Soil, SB-15(37-37.5) office	Received:	Feb 3, 1992
Pleasanton, CA 94588	Analysis Method:	EPA 5030/8010	Analyzed:	Feb 9, 1992
Attention: Cherie D' Andrea	Lab Number:	202-0013	Reported:	Feb 11, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	65
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	6.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

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Alton Geoscience	Client Project ID:	Mobil #10-H6J/ 30-0065-05	Sampled:	Jan 31, 1992
5870 Stoneridge Drive, Suite 6	Sample Descript:	Soil, SB-14(19.5-20)	Received:	Feb 3, 1992
Pleasanton, CA 94588	Analysis Method:	EPA 5030/8010	Analyzed:	Feb 9, 1992
Attention: Cherie D' Andrea	Lab Number:	202-0014	Reported:	Feb 11, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	6.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

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Alton Geoscience	Client Project ID:	Mobil #10-H6J / 30-0065-05	Sampled:	Jan 31, 1992
5670 Stoneridge Drive, Suite 6	Sample Descript:	Soil, SB-14(29.5-30)	Received:	Feb 3, 1992
Pleasanton, CA 94588	Analysis Method:	EPA 5030/8010	Analyzed:	Feb 9, 1992
Attention: Cherie D' Andrea	Lab Number:	202-0015	Reported:	Feb 11, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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Alton Geoscience	Client Project ID:	Mobil #10-H6J/ 30-0065-05	Sampled:	Jan 31, 1992
5870 Stoneridge Drive, Suite 6	Sample Descript:	Soil, SB-14(34.5-35)	Received:	Feb 3, 1992
Pleasanton, CA 94566	Analysis Method:	EPA 5030/8010	Analyzed:	Feb 9, 1992
Attention: Cherie D' Andrea	Lab Number:	202-0016	Reported:	Feb 11, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

SEQUOIA ANALYTICAL
1900 Bates Avenue • Suite LM • Concord, California 94520
(510) 686-9600 • FAX (510) 686-9689

Alton Geoscience	Client Project ID:	Mobil #10-H6J / 30-0065-05	Sampled:	Jan 31, 1992
5870 Stoneridge Drive, Suite 6	Sample Descript:	Soil, SB-14(39.5-40)	Received:	Feb 3, 1992
Pleasanton, CA 94566	Analysis Method:	EPA 5030/8010	Analyzed:	Feb 10, 1992
Attention: Cherie D' Andrea	Lab Number:	202-0017	Reported:	Feb 11, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	5.0	N.D.
Bromomethane	5.0	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	5.0	N.D.
2-Chloroethylvinyl ether	5.0	N.D.
Chloroform	5.0	N.D.
Chloromethane	5.0	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	5.0	N.D.
trans-1,3-Dichloropropene	5.0	N.D.
Methylene chloride	50	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	5.0	N.D.
Vinyl chloride	5.0	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

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Alton Geoscience	Client Project ID:	Mobil #10-H6J / 30-0065-05	Sampled: Jan 30, 1992
5870 Stoneridge Drive, Suite 6	Sample Descript:	Soil, SB-15(37-37.5) - Office	Received: Feb 3, 1992
Pleasanton, CA 94588			Extracted: 2/4-2/5/92
Attention: Cherie D' Andrea	Lab Number:	202-0013	Reported: Feb 11, 1992

INORGANIC PERSISTENT AND BIOACCUMULATIVE TOXIC SUBSTANCES

Analyte	Soluble Threshold Limit Concentration (Waste Extraction Test) STLC Max. Limit (mg/L)	Detection Limit (mg/L)	Analysis Result (mg/L)	Total Threshold Limit Concentration TTLC Max. Limit (mg/kg)	Detection Limit (mg/kg)	Analysis Result (mg/kg)
Antimony	15	0.10	0.14	500	5.0	19
Arsenic	5.0	0.10	-	500	5.0	N.D.
Barium	100	0.10	10	10,000	5.0	140
Beryllium	0.75	0.010	-	75	0.50	N.D.
Cadmium	1.0	0.010	-	100	0.50	N.D.
Chromium (VI)	5.0	0.0050	-	500	0.050	-
Chromium (III)	560	0.010	-	2,500	0.50	57
Cobalt	80	0.050	-	8,000	2.5	16
Copper	25	0.010	-	2,500	0.50	21
Lead	5.0	0.10	0.38	1,000	5.0	18
Mercury	0.20	0.00020	-	20	0.010	0.040
Molybdenum	350	0.050	-	3,500	2.5	N.D.
Nickel	20	0.050	0.36	2,000	2.5	35
Selenium	1.0	0.10	-	100	5.0	N.D.
Silver	5.0	0.010	-	500	0.50	N.D.
Thallium	7.0	0.10	-	700	5.0	N.D.
Vanadium	24	0.050	0.23	2,400	2.5	35
Zinc	250	0.010	-	5,000	0.50	54
Asbestos	-	10	-	10,000	100	-
Fluoride	180	0.10	-	18,000	1.0	-

TTLC results are reported as mg/kg of wet weight. Asbestos results are reported as fibers/g.
Analytes reported as N.D. were not present above the stated limit of detection.

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Scott A. Chieffo
Project Manager

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Alton Geoscience	Client Project ID:	Mobil #10-H6J / 30-0065-05	Sampled: Jan 31, 1992
5870 Stoneridge Drive, Suite 6	Sample Descript:	Soil, SB-14(39.5-40) – Lube room	Received: Feb 3, 1992
Pleasanton, CA 94588			Extracted: 2/4-2/5/92
Attention: Cherie D' Andrea	Lab Number:	202-0017	Reported: Feb 11, 1992

INORGANIC PERSISTENT AND BIOACCUMULATIVE TOXIC SUBSTANCES

Analyte	Soluble Threshold Limit Concentration (Waste Extraction Test) STLC Max. Limit (mg/L)	Detection Limit (mg/L)	Analysis Result (mg/L)	Total Threshold Limit Concentration TTLC Max. Limit (mg/kg)	Detection Limit (mg/kg)	Analysis Result (mg/kg)
Antimony	15	0.10	0.10	500	5.0	22
Arsenic	5.0	0.10	-	500	5.0	N.D.
Barium	100	0.10	6.1	10,000	5.0	200
Beryllium	0.75	0.010	-	75	0.50	0.54
Cadmium	1.0	0.010	-	100	0.50	N.D.
Chromium (VI)	5.0	0.0050	-	500	0.050	-
Chromium (III)	560	0.010	-	2,500	0.50	43
Cobalt	80	0.050	-	8,000	2.5	13
Copper	25	0.010	0.28	2,500	0.50	26
Lead	5.0	0.10	0.31	1,000	5.0	14
Mercury	0.20	0.00020	-	20	0.010	0.0060
Molybdenum	350	0.050	-	3,500	2.5	N.D.
Nickel	20	0.050	0.39	2,000	2.5	89
Selenium	1.0	0.10	-	100	5.0	N.D.
Silver	5.0	0.010	-	500	0.50	N.D.
Thallium	7.0	0.10	-	700	5.0	N.D.
Vanadium	24	0.050	0.20	2,400	2.5	38
Zinc	250	0.010	-	5,000	0.50	66
Asbestos	-	10	-	10,000	100	-
Fluoride	180	0.10	-	18,000	1.0	-

TTLC results are reported as mg/kg of wet weight. Asbestos results are reported as fibers/g.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

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Alton Geoscience
5870 Stoneridge Drive, Suite 6
Pleasanton, CA 94588
Attention: Cherie D' Andrea

Client Project ID: Mobil #10-H6J/ 30-0065-05
QC Sample Group: 2020009-17
Reported: Feb 11, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Oil and Grease	Total Organic Carbon
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	SM5520	EPA 415.2
Analyst:	K.N.	K.N.	K.N.	K.N.	D. Newcomb	M. Fazzio
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Feb 4, 1992	Feb 4, 1992	Feb 4, 1992	Feb 4, 1992	Feb 4, 1992	Feb 6, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	202-0145
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	70
Spike Conc. Added:	0.40	0.40	0.40	1.2	5000	7300
Conc. Matrix Spike:	0.44	0.44	0.48	1.4	4700	8200
Matrix Spike % Recovery:	110	110	120	116	94	111
Conc. Matrix Spike Dup.:	0.42	0.42	0.45	1.3	4700	8000
Matrix Spike Duplicate % Recovery:	105	105	112	108	94	109
Relative % Difference:	4.6	4.6	6.4	7.4	0.0	2.5

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

SEQUOIA ANALYTICAL
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Alton Geoscience
5870 Stoneridge Drive, Suite 6
Pleasanton, CA 94588
Attention: Cherie D' Andrea

Client Project ID: Mobil #10-H6J/ 30-0065-05

QC Sample Group: 2020009-17

Reported: Feb 11, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Antimony	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper
Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Feb 5, 1992	Feb 5, 1992	Feb 5, 1992	Feb 5, 1992	Feb 5, 1992	Feb 5, 1992	Feb 5, 1992
QC Sample #:	202-0505	202-0505	202-0505	202-0505	202-0505	202-0505	202-0505
Sample Conc.:	N. D.	36	N. D.	N. D.	4.0	3.0	5.6
Spike Conc. Added:	100	100	100	100	100	100	100
Conc. Matrix Spike:	110	140	100	110	110	110	110
Matrix Spike % Recovery:	110	104	100	110	106	107	103
Conc. Matrix Spike Dup.:	110	140	100	110	110	110	110
Matrix Spike Duplicate % Recovery:	110	104	100	110	106	107	103
Relative % Difference:	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery: $\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$

Relative % Difference: $\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{(\text{Conc. of M.S. + Conc. of M.S.D.}) / 2} \times 100$

2020009.ALT <19>

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Alton Geoscience
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Pleasanton, CA 94588
Attention: Cherie D' Andrea

Client Project ID: Mobil #10-H6J/ 30-0065-05

QC Sample Group: 2020009-17

Reported: Feb 11, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Molybdenum	Nickel	Silver	Thallium	Vanadium	Zinc	Arsenic
Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Feb 5, 1992	Feb 5, 1992	Feb 5, 1992	Feb 5, 1992	Feb 5, 1992	Feb 5, 1992	Feb 5, 1992
QC Sample #:	202-0505	202-0505	202-0505	202-0505	202-0505	202-0505	202-0505
Sample Conc.:	N. D.	3.9	N. D.	N. D.	12	20	N. D.
Spike Conc. Added:	100	100	100	100	100	100	100
Conc. Matrix Spike:	100	110	110	120	120	120	100
Matrix Spike % Recovery:	100	108	110	120	108	100	100
Conc. Matrix Spike Dup.:	110	110	110	120	120	130	110
Matrix Spike Duplicate % Recovery:	110	106	110	120	108	110	110
Relative % Difference:	9.5	0.0	0.0	0.0	0.0	8.0	9.5

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery: $\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$

Relative % Difference: $\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$

2020009.ALT <20>

SEQUOIA ANALYTICAL
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Alton Geoscience
5870 Stoneridge Drive, Suite 6
Pleasanton, CA 94588
Attention: Charle D' Andrea

Client Project ID: Mobil #10-H6J/ 30-0065-05

QC Sample Group: 2020009-17

Reported: Feb 11, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Selenium	Lead	Mercury	Nickel	Vanadium	Barium	Copper
Method:	EPA 6010	EPA 6010	EPA 7471	EPA 200.7	EPA 200.7	EPA 200.7	EPA 200.7
Analyst:	C. Madefesser	C. Madefesser	J. Martinez	C. Madefesser	C. Madefesser	C. Madefesser	C. Madefesser
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/L	mg/L	mg/L	mg/L
Date Analyzed:	Feb 5, 1992	Feb 5, 1992	Feb 5, 1992	Feb 7, 1992	Feb 7, 1992	Feb 7, 1992	Feb 7, 1992
QC Sample #:	202-0505	202-0505	202-0093	201-4858	201-4858	201-4858	201-4858
Sample Conc.:	N. D.	5.2	N. D.	N. D.	N. D.	0.26	0.11
Spike Conc. Added:	100	100	0.10	5.0	5.0	5.0	5.0
Conc. Matrix Spike:	99	110	0.10	4.0	4.1	4.4	4.7
Matrix Spike % Recovery:	99	105	100	80	82	83	92
Conc. Matrix Spike Dup.:	100	110	0.10	4.1	4.2	4.6	4.8
Matrix Spike Duplicate % Recovery:	100	105	100	82	84	85	94
Relative % Difference:	1.0	0.0	0.0	2.5	2.4	2.2	2.1

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

$$\text{\% Recovery:} = \frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$$

$$\text{Relative \% Difference:} = \frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$$

2020009.ALT <21>

SEQUOIA ANALYTICAL
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Alton Geoscience
5870 Stoneridge Drive, Suite 6
Pleasanton, CA 94588
Attention: Cherie D' Andrea

Client Project ID: Mobil #10-H6J/ 30-0065-05
QC Sample Group: 2020009-17
Reported: Feb 11, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Lead	Antimony
Method:	EPA 200.7	EPA 200.7
Analyst:	C. Medefesser	C. Medefesser
Reporting Units:	mg/L	mg/L
Date Analyzed:	Feb 7, 1992	Feb 7, 1992
QC Sample #:	201-4858	201-4858
Sample Conc.:	N. D.	N. D.
Spike Conc. Added:	5.0	5.0
Conc. Matrix Spike:	4.4	4.4
Matrix Spike % Recovery:	88	88
Conc. Matrix Spike Dup.:	4.2	4.4
Matrix Spike Duplicate % Recovery:	84	88
Relative % Difference:	4.7	0.0

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery:	$\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}}$	x 100
Relative % Difference:	$\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}}$	x 100

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Alton Geoscience
5870 Stoneridge Drive, Suite 6
Pleasanton, CA 94588
Attention: Cherie D' Andrea

Client Project ID: Mobil #10-H6J/ 30-0065-05

QC Sample Group: 2020009-17

Reported: Feb 11, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloroethene	Trichloro-ethene	Chloro-benzene
Method:	EPA 8010	EPA 8010	EPA 8010
Analyst:	M. Nguyen	M. Nguyen	M. Nguyen
Reporting Units:	mg/kg	mg/kg	mg/kg
Date Analyzed:	Feb 9, 1992	Feb 9, 1992	Feb 9, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank
Sample Conc.:	N.D.	N.D.	N.D.
Spike Conc. Added:	10	10	10
Conc. Matrix Spike:	8.0	9.7	10
Matrix Spike % Recovery:	80	97	100
Conc. Matrix Spike Dup.:	7.5	9.9	10
Matrix Spike Duplicate % Recovery:	75	99	100
Relative % Difference:	6.5	2.0	0.0

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery: $\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$

Relative % Difference: $\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{(\text{Conc. of M.S. + Conc. of M.S.D.}) / 2} \times 100$

Mobil Chain of Custody

SEQUOIA ANALYTICAL

Redwood City: (415) 364-9600
Concord: (510) 686-9600
Sacramento: (916) 921-9600

SENT BY:SEQUOIA-Concord. ; 2-11-92 ; 4:50PM ; 510 686 9689→ ...

Consulting Firm Name: Allen Geoscience	Site SS #: 10-HW
Address: 1000 Burnett Ave #140	Mobil Site Address: 1024 Main St Pleasanton
City: Concord State: CA Zip Code: 94521	Mobil Engineer: Ed Hoepker
Telephone: 510 682 1582 FAX #: 510 682 8921	Consultant Project #: 50-0065-05
Project Contact: C D'Andrea Sampled by: Chris Reinheimer	Sequoia's Work Order Release #:

Phase of Work:
- ☐ A. Emrg. Response
- ☒ B. Site Assessment
- ☐ C. Remediation
- ☐ D. Monitoring
- ☐ E. OGC/Claims

Turnaround Time: ☒ Standard TAT (5 - 10 Working Days)
☐ Other ____________

TRPH gravimetric method → Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Description	# of Containers	Sequoia's Sample #	TPH Gas/BTEX	TPH Diesel	TRPH by I.R. EPA 418.1	Oil & Grease ~~[illegible]~~ TRPH	HVOC	CAM metals TTLC	Organic carbon	HOLD	Comments
1. SB-15 11.5-12	1-30-92	Soil	1	2020009	X			X	X				8015/8020 8010
2. SB-15 14.5-15	↓	↓	1	~~[illegible]~~								X	
3. SB-15 15.5-16	↓	↓	1	~~[illegible]~~								X	
4. SB-15 17.5-18	↓	↓	1	2020010	X			X	X				
5. SB-15 20-20.5	↓	↓	1									X	
6. SB-15 22-22.5	↓	↓	1									X	
7. SB-15 23.5-24	↓	↓	1									X	
8. SB-15 25-25.5	↓	↓	1	2020011	X			X	X				
9. SB-15 27.5-28	↓	↓	1									X	
10. SB-15 29-29.5	↓	↓	1									X	

Relinquished By	Date	Time	Received By	Date	Time
[signature]	2-3-92	10:55	[signature]	2-3-92	2:20 PM

Method of Shipment ____________

Mobil Chain of Custody

SEQUOIA ANALYTICAL
Redwood City: (415) 364-9600
Concord: (510) 686-9600
Sacramento: (916) 921-9600

Consulting Firm Name: Alton Geoscience		Site SS #: 10-HGJ	Phase of Work:
Address: 1000 Burnett Ave #140		Mobil Site Address: 1024 Main St Pleasanton	☐ A. Emrg. Response
City: Concord	State: CA Zip Code: 94521	Mobil Engineer: Ed. Hoepker	☒ B. Site Assessment
Telephone: 510 682 1582	FAX #: 510 682 8921	Consultant Project #: 30-0065-05	☐ C. Remediation
Project Contact: C. D'Andrea	Sampled by: Chris Reinheimer	Sequoia's Work Order Release #:	☐ D. Monitoring
			☐ E. OGC/Claims

Turnaround Time: ☒ Standard TAT (5 - 10 Working Days) TRPH gravimetric method
☐ Other ____________

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Description	# of Containers	Sequoia's Sample #	TPH Gas/BTEX	TPH Diesel	TRPH by I.R. EPA 418.1	Oil & Grease ~~EPA 418.2~~ 5520	HVOC	CAM metals	Organic Carbon	HOLD	Comments
1. SB-15 30.5-31	1-30-92	Soil	1									X	8015/8020 8010
2. SB-15 32.5-33	↓	↓	1									X	
3. SB-15 34.5-35 (34-34.5)			1	2020012	X			X	X				
4. SB-15 35.5-36			1									X	
5. SB-15 37-37.5			1	2020013	X			X	X	X	X		
6. SB-15 38-38.5			1									X	
7. SB-15 41.5-42			1									X	
8. ~~SB-15 43.5-44~~			~~8~~										
9. ~~SB-15 44.5-45~~			~~1~~										
10.													

Relinquished By: [signature]	Date: 2-3-92	Time: 10:35	Received By: [signature]	Date: 2-3-92	Time: 2:20 PM
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Method of Shipment

Mobil Chain of Custody

SEQUOIA ANALYTICAL

Redwood City: (415) 364-9600
Concord: (510) 686-9600
Sacramento: (916) 921-9600

Consulting Firm Name: Alton Geoscience	Site SS #: 10-H65	Phase of Work:
Address: 1000 Burnett Ave #140	Mobil Site Address: 1024 Main St Pleasanton	☐ A. Emrg. Response
City: Concord State: CA Zip Code: 94521	Mobil Engineer: Ed Hoepker	☒ B. Site Assessment
Telephone: 510 6821582 FAX #: 510 682 8721	Consultant Project #: 30-0065-05	☐ C. Remediation
Project Contact: C. D'Andrea Sampled by: Chris Reinheimer	Sequoia's Work Order Release #:	☐ D. Monitoring
		☐ E. OGC/Claims

Turnaround Time: ☒ Standard TAT (5 - 10 Working Days) TRPH gravimetric method
☐ Other _____

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Description	# of Containers	Sequoia's Sample #	TPH Gas/BTEX	TPH Diesel	TRPH by I.R. EPA 418.1	Oil & Grease	HVOC	CAM TTLC metals	Organic Lead	VOA	BTA Multiple Comments
SB-14 1. 17.5-20	1-31-92	Soil	1	2020014	X			X	X				8015/8020 5=10
SB-14 2. 24.5-25			1									X	
SB-14 3. 28.5-29			1									X	
SB-14 4. 29.5-30			1	2020015	X			X	X				
SB-14 5. 32.5-33			1									X	
SB-14 6. 34.5-35			1	2020016	X			X	X				
SB-14 7. 37-37.5			1									X	
SB-14 8. 38-38.5			1									X	
SB-14 9. 39.5-40			1	2020017	X			X	X	X	X		
SB-14 10. 41.5-42			1									X	

Relinquished By:	Date: 2-3-92	Time: 10:35	Received By:	Date: 2-3-92	Time: 21:20 PM
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Method of Shipment _____

Mobil Chain of Custody

SEQUOIA ANALYTICAL
Redwood City: (415) 364-9600
Concord: (510) 686-9600
Sacramento: (916) 921-9600

Consulting Firm Name: Alton Geoscience		Site SS #: 10-H65	Phase of Work:
Address: 1000 Burnett Ave #140		Mobil Site Address: 1024 Main St Pleasanton	☐ A. Emrg. Response
City: Concord State: CA Zip Code: 94521		Mobil Engineer: Ed Hoepker	☒ B. Site Assessment
Telephone: 510 682 1582	FAX #: 510 682 8921	Consultant Project #: 30-0065-05	☐ C. Remediation
Project Contact: C. D'Andrea	Sampled by: Chris Reinheimer	Sequoia's Work Order Release #:	☐ D. Monitoring
			☐ E. OGC/Claims

Turnaround Time: ☒ Standard TAT (5 - 10 Working Days)
☐ Other ____________

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Description	# of Containers	Sequoia's Sample #	TPH Gas/BTEX	TPH Diesel	TRPH by I.R. EPA 418.1	Oil & Grease EPA 5520	HVOC	Cham metals	organic TLC	carbon	Hold	Comments
1. SB-14 44.5-45	1-31-92	soil	1										X	8015/8020 8010
2. SB-14 [illegible]														
3. SB-14 [illegible]														
4. SB-14 52.5-53	↓	↓	1										X	
5. SB-14 54-54.5	↓	↓	1										X	
6.														
7.														
8.														
9.														
10.														

Relinquished By: [signature]	Date: 2-3-92	Time: 10:55	Received By: [signature]	Date: 2-3-92	Time: 2:20 PM
Relinquished By:	Date:	Time:	Received By:	Date:	Time:
Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Method of Shipment ____________

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201 Samplers

Alton Geoscience
1000 Burnett Ave., #140
Concord, CA 94520
Attention: Cherie D'Andrea

Client Project ID: Mobil #10-H6J/30-0065-05
Matrix Descript: Soil
Analysis Method: EPA 5030/8015/8020
First Sample #: 201-0624

Sampled: Jan 21, 1992
Received: Jan 22, 1992
Analyzed: 1/24,1/27/92
Reported: Jan 30, 1992

TOTAL PETROLEUM FUEL HYDROCARBONS with BTEX DISTINCTION (EPA 8015/8020)

Sample Number	Sample Description	Low/Medium B.P. Hydrocarbons mg/kg (ppm)	Benzene mg/kg (ppm)	Toluene mg/kg (ppm)	Ethyl Benzene mg/kg (ppm)	Xylenes mg/kg (ppm)	
201-0624	SB-14 3-3.5	N.D.	N.D.	N.D.	N.D.	N.D.	} lube room
201-0625	SB-14 6-6.5	N.D.	N.D.	N.D.	N.D.	N.D.	
201-0626	SB-15 3-3.5	N.D.	N.D.	N.D.	N.D.	N.D.	} office bldg.
201-0627	SB-15 6-6.5	N.D.	N.D.	N.D.	N.D.	N.D.	
Detection Limits:		**1.0**	**0.0050**	**0.0050**	**0.0050**	**0.0050**	

Low to Medium Boiling Point Hydrocarbons are quantitated against a gasoline standard.
Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

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Alton Geoscience
1000 Burnett Ave., #140
Concord, CA 94520
Attention: Cherie D'Andrea

Client Project ID: Mobil #10-H6J/30-0065-05
Matrix Descript: Soil
Analysis Method: EPA 413.2 (I.R.)
First Sample #: 201-0625

Sampled: Jan 21, 1992
Received: Jan 22, 1992
Extracted: Jan 29, 1992
Analyzed: Jan 29, 1992
Reported: Jan 30, 1992

TOTAL RECOVERABLE OIL & GREASE

Sample Number	Sample Description	Oil & Grease mg/kg (ppm)	
201-0625	SB-14 6-6.5	N.D.	— like room

Detection Limits:	3.3

Analytes reported as N.D. were not present above the stated limit of detection.

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Scott A. Chieffo
Project Manager

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Alton Geoscience	Client Project ID:	Mobil #10-H6J/30-0065-05	Sampled:	Jan 21, 1992
1000 Burnett Ave., #140	Sample Descript:	Soil, ~~SB-14 6-6.5~~ lube room	Received:	Jan 22, 1992
Concord, CA 94520	Analysis Method:	EPA 5030/8010	Analyzed:	Jan 27, 1992
Attention: Cherie D'Andrea	Lab Number:	201-0625	Reported:	Jan 30, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	10	N.D.
Bromomethane	10	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	10	N.D.
trans-1,3-Dichloropropene	10	N.D.
Methylene chloride	20	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	10	N.D.
Vinyl chloride	10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

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Alton Geoscience
1000 Burnett Ave., #140
Concord, CA 94520
Attention: Cherie D'Andrea

Client Project ID: Mobil #10-H6J/30-0065-05
Sample Descript: Soil, SB-15-6-6.5
Analysis Method: EPA 5030/8010
Lab Number: 201-0627

Sampled: Jan 21, 1992
Received: Jan 22, 1992
Analyzed: Jan 28, 1992
Reported: Jan 30, 1992

HALOGENATED VOLATILE ORGANICS (EPA 8010)

Analyte	Detection Limit µg/kg	Sample Results µg/kg
Bromodichloromethane	5.0	N.D.
Bromoform	10	N.D.
Bromomethane	10	N.D.
Carbon tetrachloride	5.0	N.D.
Chlorobenzene	5.0	N.D.
Chloroethane	10	N.D.
2-Chloroethylvinyl ether	10	N.D.
Chloroform	5.0	N.D.
Chloromethane	10	N.D.
Dibromochloromethane	5.0	N.D.
1,2-Dichlorobenzene	5.0	N.D.
1,3-Dichlorobenzene	5.0	N.D.
1,4-Dichlorobenzene	5.0	N.D.
1,1-Dichloroethane	5.0	N.D.
1,2-Dichloroethane	5.0	N.D.
1,1-Dichloroethene	5.0	N.D.
cis-1,2-Dichloroethene	5.0	N.D.
trans-1,2-Dichloroethene	5.0	N.D.
1,2-Dichloropropane	5.0	N.D.
cis-1,3-Dichloropropene	10	N.D.
trans-1,3-Dichloropropene	10	N.D.
Methylene chloride	20	N.D.
1,1,2,2-Tetrachloroethane	5.0	N.D.
Tetrachloroethene	5.0	N.D.
1,1,1-Trichloroethane	5.0	N.D.
1,1,2-Trichloroethane	5.0	N.D.
Trichloroethene	5.0	N.D.
Trichlorofluoromethane	10	N.D.
Vinyl chloride	10	N.D.

Analytes reported as N.D. were not present above the stated limit of detection.

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Scott A. Chieffo
Project Manager

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Alton Geoscience
1000 Burnett Ave., #140
Concord, CA 94520
Attention: Cherie D'Andrea

Client Project ID: Mobil #10-H6J/30-0065-05
Sample Descript: Soil, SB-14 6-6.5 tube

Lab Number: 201-0625

Sampled: Jan 21, 1992
Received: Jan 22, 1992
Extracted: 1/22-1/24/92
Reported: Jan 30, 1992

INORGANIC PERSISTENT AND BIOACCUMULATIVE TOXIC SUBSTANCES

Analyte	Soluble Threshold Limit Concentration (Waste Extraction Test) STLC Max. Limit (mg/L)	Detection Limit (mg/L)	Analysis Result (mg/L)	Total Threshold Limit Concentration TTLC Max. Limit (mg/kg)	Detection Limit (mg/kg)	Analysis Result (mg/kg)
Antimony	15	0.050	-	500	5.0	13
Arsenic	5	0.010	-	500	5.0	N.D.
Barium	100	0.10	9.0	10,000	5.0	370
Beryllium	0.75	0.010	-	75	0.50	0.51
Cadmium	1	0.010	-	100	0.50	N.D.
Chromium (VI)	5	0.0050	-	500	0.050	N.D.
Chromium (III)	560	0.010	-	2,500	0.50	48
Cobalt	80	0.050	-	8,000	2.5	18
Copper	25	0.010	0.45	2,500	0.50	33
Lead	5.0	0.10	N.D.	1,000	5.0	11
Mercury	0.2	0.00020	-	20	0.010	0.050
Molybdenum	350	0.050	-	3,500	2.5	N.D.
Nickel	20	0.050	0.48	2,000	2.5	75
Selenium	1	0.010	-	100	5.0	N.D.
Silver	5	0.010	-	500	0.50	N.D.
Thallium	7	0.50	-	700	5.0	N.D.
Vanadium	24	0.050	0.18	2,400	2.5	39
Zinc	250	0.010	-	5,000	0.50	71
Asbestos	-	10	-	10,000	100	-
Fluoride	180	0.10	-	18,000	1.0	-

TTLC results are reported as mg/kg of wet weight. Asbestos results are reported as fibers/g.
Analytes reported as N.D. were not present above the stated limit of detection.

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Project Manager

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Alton Geoscience
1000 Burnett Ave., #140
Concord, CA 94520
Attention: Cherie D'Andrea

Client Project ID: Mobil #10-H6J/30-0065-05

QC Sample Group: 2010624-627

Reported: Jan 30, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Total Oil & Grease	Chromium VI
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 413.2	EPA 7196
Analyst:	D. D.	D. D.	D. D.	D. D.	B. Samra	V. A.
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Jan 27, 1992	Jan 27, 1992	Jan 27, 1992	Jan 27, 1992	Jan 29, 1992	Jan 22, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	201-3003
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.20	0.20	0.20	0.60	130	5.0
Conc. Matrix Spike:	0.20	0.20	0.21	0.63	99	5.3
Matrix Spike % Recovery:	100	100	105	105	76	106
Conc. Matrix Spike Dup.:	0.19	0.20	0.20	0.63	92	5.5
Matrix Spike Duplicate % Recovery:	95	100	100	105	71	110
Relative % Difference:	5.1	0.0	4.9	0.0	7.3	3.7

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

$$\text{\% Recovery:} \quad \frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$$

$$\text{Relative \% Difference:} \quad \frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{(\text{Conc. of M.S. + Conc. of M.S.D.}) / 2} \times 100$$

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Alton Geoscience
1000 Burnett Ave., #140
Concord, CA 94520
Attention: Cherie D'Andrea

Client Project ID: Mobil #10-H6J/30-0065-05

QC Sample Group: 2010624-627

Reported: Jan 30, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Benzene	Toluene	Ethyl-Benzene	Xylenes	Lead
Method:	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 8015/8020	EPA 200.7
Analyst:	K.N.	K.N.	K.N.	K.N.	C. Medefesser
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/L
Date Analyzed:	Jan 24, 1992	Jan 24, 1992	Jan 24, 1992	Jan 24, 1992	Jan 27, 1992
QC Sample #:	Matrix Blank	Matrix Blank	Matrix Blank	Matrix Blank	201-2443
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	0.40	0.40	0.40	1.2	1.0
Conc. Matrix Spike:	0.31	0.32	0.32	1.1	0.76
Matrix Spike % Recovery:	78	80	80	92	76
Conc. Matrix Spike Dup.:	0.33	0.33	0.34	1.2	0.83
Matrix Spike Duplicate % Recovery:	82	82	85	100	83
Relative % Difference:	6.2	3.1	6.0	8.6	8.8

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

$$\%\ \text{Recovery:} \quad \frac{\text{Conc. of M.S.} - \text{Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$$

$$\text{Relative \% Difference:} \quad \frac{\text{Conc. of M.S.} - \text{Conc. of M.S.D.}}{(\text{Conc. of M.S.} + \text{Conc. of M.S.D.}) / 2} \times 100$$

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Alton Geoscience
1000 Burnett Ave., #140
Concord, CA 94520
Attention: Cherie D'Andrea

Client Project ID: Mobil #10-H6J/30-0065-05

QC Sample Group: 2010624-627

Reported: Jan 30, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	1,1-Dichloroethene	Trichloro-ethene	Chloro-benzene	1,1-Dichloroethene	Trichloro-ethene	Chloro-benzene
Method:	EPA 8010	EPA 8010	EPA 8010	EPA 8010	EPA 8010	EPA 8010
Analyst:	A. Fulcher	A. Fulcher	A. Fulcher	M. Nguyen	M. Nguyen	M. Nguyen
Reporting Units:	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg	ug/kg
Date Analyzed:	Jan 27, 1992	Jan 27, 1992	Jan 27, 1992	Jan 28, 1992	Jan 28, 1992	Jan 28, 1992
QC Sample #:	Matix Blank	Matix Blank	Matix Blank	Matix Blank	Matix Blank	Matix Blank
Sample Conc.:	N.D.	N.D.	N.D.	N.D.	N.D.	N.D.
Spike Conc. Added:	5.0	5.0	5.0	10	10	10
Conc. Matrix Spike:	5.5	5.3	5.7	9.4	10	9.8
Matrix Spike % Recovery:	110	106	114	94	100	98
Conc. Matrix Spike Dup.:	6.0	6.4	6.0	8.2	10	9.8
Matrix Spike Duplicate % Recovery:	120	128	120	82	100	98
Relative % Difference:	8.7	19	5.1	14	0.0	0.0

Quality Assurance Statement: All standard operating procedures and quality control requirements have been met.

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

$$\%\ \text{Recovery:} \quad \frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$$

$$\text{Relative \% Difference:} \quad \frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{(\text{Conc. of M.S. + Conc. of M.S.D.}) / 2} \times 100$$

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Alton Geoscience
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Attention: Cherie D'Andrea

Client Project ID: Mobil #10-H6J/30-0065-05

QC Sample Group: 2010624-627

Reported: Jan 30, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Antimony	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper
Method:	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010	EPA 6010
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Jan 24, 1992	Jan 24, 1992	Jan 24, 1992	Jan 24, 1992	Jan 24, 1992	Jan 24, 1992	Jan 24, 1992
QC Sample #:	201-3003	201-3003	201-3003	201-3003	201-3003	201-3003	201-3003
Sample Conc.:	13	370	0.51	N. D.	48	18	33
Spike Conc. Added:	100	5000	100	100	100	100	100
Conc. Matrix Spike:	100	5700	92	92	140	110	150
Matrix Spike % Recovery:	87	107	91	92	92	92	117
Conc. Matrix Spike Dup.:	95	5100	92	89	140	110	150
Matrix Spike Duplicate % Recovery:	82	95	91	89	92	92	117
Relative % Difference:	5.1	11	0.0	3.3	0.0	0.0	0.0

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery: $\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$

Relative % Difference: $\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{(\text{Conc. of M.S. + Conc. of M.S.D.}) / 2} \times 100$

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Alton Geoscience
1000 Burnett Ave., #140
Concord, CA 94520
Attention: Cherie D'Andrea

Client Project ID: Mobil #10-H6J/30-0065-05

QC Sample Group: 2010624-627

Reported: Jan 30, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Molybdenum	Nickel	Silver	Thallium	Vanadium	Zinc	Arsenic
Method:	EPA 6010	EPA 6010	EPA 6010	EPA 7841	EPA 6010	EPA 6010	EPA 7060
Analyst:	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg	mg/kg
Date Analyzed:	Jan 24, 1992	Jan 24, 1992	Jan 24, 1992	Jan 24, 1992	Jan 24, 1992	Jan 24, 1992	Jan 24, 1992
QC Sample #:	201-3003	201-3003	201-3003	201-3003	201-3003	201-3003	201-3003
Sample Conc.:	N. D.	75	N. D.	N. D.	39	71	N. D.
Spike Conc. Added:	100	100	100	100	100	100	5000
Conc. Matrix Spike:	94	160	99	110	150	150	4000
Matrix Spike % Recovery:	94	85	99	110	111	79	80
Conc. Matrix Spike Dup.:	94	160	99	110	150	150	4000
Matrix Spike Duplicate % Recovery:	94	85	99	110	110	79	80
Relative % Difference:	0.0	0.0	0.0	0.0	0.0	0.0	0.0

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery: $\frac{\text{Conc. of M.S. - Conc. of Sample}}{\text{Spike Conc. Added}} \times 100$

Relative % Difference: $\frac{\text{Conc. of M.S. - Conc. of M.S.D.}}{\text{(Conc. of M.S. + Conc. of M.S.D.) / 2}} \times 100$

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Alton Geoscience
1000 Burnett Ave., #140
Concord, CA 94520
Attention: Cherie D'Andrea

Client Project ID: Mobil #10-H6J/30-0065-05

QC Sample Group: 2010624-627

Reported: Jan 30, 1992

QUALITY CONTROL DATA REPORT

ANALYTE	Selenium	Lead	Mercury	Barium	Copper	Nickel	Vanadium
Method:	EPA 6010	EPA 6010	EPA 7471	EPA 200.7	EPA 200.7	EPA 200.7	EPA 200.7
Analyst:	C. Medefesser	C. Medefesser	J. Martinez	C. Medefesser	C. Medefesser	C. Medefesser	C. Medefesser
Reporting Units:	mg/kg	mg/kg	mg/kg	mg/L	mg/L	mg/L	mg/L
Date Analyzed:	Jan 24, 1992	Jan 24, 1992	Jan 24, 1992	Jan 27, 1992	Jan 27, 1992	Jan 27, 1992	Jan 27, 1992
QC Sample #:	201-3003	201-3003	201-3003	201-2443	201-2443	201-2443	201-2443
Sample Conc.:	N. D.	11	0.050	N. D.	0.13	N. D.	N. D.
Spike Conc. Added:	5000	100	0.10	1.0	1.0	1.0	1.0
Conc. Matrix Spike:	4300	110	0.14	0.79	1.0	0.80	0.82
Matrix Spike % Recovery:	86	99	90	79	87	80	82
Conc. Matrix Spike Dup.:	4200	99	0.14	0.84	1.0	0.86	0.88
Matrix Spike Duplicate % Recovery:	84	88	90	84	87	86	88
Relative % Difference:	2.4	11	0.0	6.1	0.0	7.2	7.1

SEQUOIA ANALYTICAL

Scott A. Chieffo
Project Manager

% Recovery:	Conc. of M.S. - Conc. of Sample / Spike Conc. Added	x 100
Relative % Difference:	Conc. of M.S. - Conc. of M.S.D. / (Conc. of M.S. + Conc. of M.S.D.) / 2	x 100

Mobil Chain of Custody

SEQUOIA ANALYTICAL

Redwood City: (415) 364-9600
Concord: (510) 686-9600
Sacramento: (916) 921-9600

Consulting Firm Name: Alton Geoscience	Site SS #: 10-1465	Phase of Work:
Address: 1000 Burnett Ave	Mobil Site Address: 1024 Main St. Pleasanton	☐ A. Emrg. Response
City: Concord State: CA Zip Code: 94521	Mobil Engineer: Ed Hocpker	☒ B. Site Assessment
Telephone: (510) 682 1582 FAX #: 682-8921	Consultant Project #: 30-0065-05	☐ C. Remediation
Project Contact: Marie D'Andrea Sampled by: Chris Reinheimer	Sequoia's Work Order Release #:	☐ D. Monitoring
		☐ E. OGC/Claims

Turnaround Time: ☒ Standard TAT (5 - 10 Working Days)
☐ Other _____

Analyses Requested

Client Sample I.D.	Date/Time Sampled	Matrix Description	# of Containers	Sequoia's Sample #	TPH Gas/BTEX (8015) (602)	TPH Diesel	TRPH by I.R. EPA 418.1	Oil & Grease EPA 413.2	Cam Metals	HVOC's (8010)	Hold	Comments
1. SB-14 3-3.5	1-21-92	Soil	1	2010624	X							
2. SB-14 6-6.5	1-21-92		1	625	X			X	X	X		
3. SB-15 3-3.5	1-21-92		1	626	X							
4. SB-15 6-6.5	1-21-92	Soil	1	627	X					X		
5.												
6.												
7.												
8.												
9.												
10.												

Relinquished By: Chris Reinheimer	Date: 1-22-92	Time: 10:43	Received By:	Date: 1-22-92 Time: 10:43
Relinquished By:	Date: 1-22-92	Time: 1057	Received By:	Date: 1/22/92 Time: 1057
Relinquished By:	Date:	Time:	Received By:	Date: Time:

Method of Shipment _____

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