SDG	Sample	Compound	Flag	A or P	Reason
GF071101W1	SVW10-VPB-101 SVW10-VPB-102DUP SVW10-VPD-103 SVW9-VPA-104 SVW9-VPB-105 SVW9-VPC-106 SVW9-VPD-107 SVW9-VPD-108DUP SVW9-VPE-109 SVW8-VPC-110 SVW8-VPD-111 SVW8-VPE-112	1,1,2,2-Tetrachloroethane Chloroform 1,2-Dichloroethane Dichloromethane 1,1,1,2-Tetrachloroethane 1,1,2-Trichloroethane	J (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
GF071101W1	SVW15-VPB-113 SVW15-VPB-114DUP SVW15-VPC-115 SVW15-VPD-116 SVW15-VPE-117 SVW6-VPB-118 SVW6-VPC-119 SVW6-VPC-120DUP SVW6-VPD-121 SVW6-VPE-122 SVW11-VPA-123 SVW11-VPE-124	Chloroform 1,1-Dichloroethane Dichloromethane	J (all detects) UJ (all non-detects)	A	Continuing calibration (%D)
GF071101W1	SVW26-VPF-001 SVW26-VPG-002 SVW26-VPH-003 SVW26-VPI-004 SVW25-VPA-005 SVW25-VPA-006DUP SVW25-VPB-007 SVW25-VPI-008 SVW25-VPJ-009 SVW27-VPA-010 SVW27-VPB-011 SVW27-VPB-012DUP	1,1,2,2-Tetrachloroethane 1,1,2-Trichloroethane	J (all detects) J (all detects)	P	Laboratory control samples (%D)
GF071101W1	SVW34-VPD-039 SVW34-VPF-040 SVW34-VPH-041 SVW34-VPH-042DUP SVW38-VPA-043 SVW38-VPB-044 SVW38-VPD-045 SVW38-VPF-046 SVW38-VPJ-047 SVW38-VPJ-048DUP SVW39-VPA-049 SVW39-VPC-050	1,1,1,2-Tetrachloroethane	J (all detects) UJ (all non-detects)	P	Laboratory control samples (%D)

SDG	Sample	Compound	Flag	A or P	Reason
GF071101W1	SVW15-VPB-113 SVW15-VPB-114DUP SVW15-VPC-115 SVW15-VPD-116 SVW15-VPE-117 SVW6-VPB-118 SVW6-VPC-119 SVW6-VPC-120DUP SVW6-VPD-121 SVW6-VPE-122 SVW11-VPA-123 SVW11-VPE-124	Dichloromethane	J (all detects)	P	Laboratory control samples (%D)

NASA JPL
Volatiles - Laboratory Blank Data Qualification Summary - SDG GF071101W1

No Sample Data Qualified in this SDG

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GEOFON PROJECT # 04-4304-480
JET PROPULSION LAB
4800 OAK GROVE DRIVE
LA CANADA, CA

HP Labs Project #GF071101W1
GC SHIMADZU 14A RIGHT
VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8021) ANALYSES OF SOIL VAPOR

	BLANK	SVW34-VPD-039	SVW34-VPF-040	SVW34-VPH-041	SVW34-VPH-042 DUP	SVW38-VPA-043	SVW38-VPB-044
DATE	07/16/01	07/16/01	07/16/01	07/16/01	07/16/01	07/16/01	07/16/01
ANALYSIS TIME	06:06	06:32	06:58	07:27	07:53	08:19	08:44
SAMPLING DEPTH (feet)	--	65	95	118	118	25	45
VOLUME WITHDRAWN (cc)	--	320	440	530	610	160	240
VOLUME INJECTED	1	1	1	1	1	1	1
DILUTION FACTOR	1	1	1	1	1	1	1
CARBON TETRACHLORIDE	nd	nd	nd	1.9	1.5	nd	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,2-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd	nd	nd	nd	nd	nd	nd
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd ~~UJ~~	nd ~~UJ~~	nd ~~UJ~~	nd ~~UJ~~	nd ~~UJ~~	nd ~~UJ~~
TRICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd ~~UJ~~	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	nd ~~UJ~~	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
BENZENE	nd	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd	nd
SURROGATES							
1,4 DIFLUORO BENZENE	98%	97%	97%	94%	96%	101%	96%
4 BROMOFLUORO BENZENE	92%	91%	90%	87%	90%	89%	90%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY (CERT #1745)
ANALYSES PERFORMED BY: MARK BURKE
DATA REVIEWED BY: JAMES E. PICKER

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HP Labs

GEOFON PROJECT # 04-4304-480
JET PROPULSION LAB
4800 OAK GROVE DRIVE
LA CANADA, CA

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	SVW38-VPD-045	SVW38-VPF-046	SVW38-VPJ-047	SVW38-VPJ-048 DUP	SVW39-VPA-049	SVW39-VPC-050
DATE	07/16/01	07/16/01	07/16/01	07/16/01	07/16/01	07/16/01
ANALYSIS TIME	09.11	09.37	10:03	10:30	11.21	11.47
SAMPLING DEPTH (feet)	80	110	170	170	20	50
VOLUME WITHDRAWN (cc)	380	500	740	830	140	260
VOLUME INJECTED	1	1	1	1	1	1
DILUTION FACTOR	1	1	1	1	1	1
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd
1,2-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd	nd	nd	nd	nd	nd
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd ~~UJ~~	nd ~~UJ~~	nd ~~UJ~~	nd ~~UJ~~	nd ~~UJ~~
TRICHLORO ETHENE	nd	nd	nd	nd	nd	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
BENZENE	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd
SURROGATES						
1,4 DIFLUORO BENZENE	97%	97%	95%	97%	98%	98%
4 BROMOFLUORO BENZENE	91%	90%	88%	90%	91%	91%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY (CERT #1745)
ANALYSES PERFORMED BY: MARK BURKE
DATA REVIEWED BY: JAMES E. PICKER

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LA CANADA, CA

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VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8021) ANALYSES OF SOIL VAPOR

	BLANK	SVW39-VPD-051	SVW39-VPE-052	SVW39-VPF-053	SVW39-VPF-054 DUP	SVW39-VPI-055	SVW32-VPB-056
DATE	07/17/01	07/17/01	07/17/01	07/17/01	07/17/01	07/17/01	07/17/01
ANALYSIS TIME	06:05	06:30	06:56	07:23	07:50	08:18	08:45
SAMPLING DEPTH (feet)	--	70	85	100	100	130	40
VOLUME WITHDRAWN (cc)	--	340	400	460	580	580	220
VOLUME INJECTED	1	1	1	1	1	1	1
DILUTION FACTOR	1	1	1	1	1	1	1
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLOROETHANE	nd	nd	nd	nd	nd	nd	nd
1,2-DICHLOROETHANE	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLOROETHENE	nd	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd	nd	nd	nd	nd	nd	nd
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
TRICHLORO ETHENE	nd	nd	nd	2.0	1.0	7.9	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd ~~UJ~~	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	nd ~~UJ~~	nd UJ	11 J	11 J	11 J	2.4 J	nd UJ
BENZENE	nd	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd	nd
SURROGATES							
1,4 DIFLUORO BENZENE	96%	99%	98%	98%	101%	97%	94%
4 BROMOFLUORO BENZENE	89%	93%	91%	91%	91%	89%	88%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY (CERT #1745)
ANALYSES PERFORMED BY: MARK BURKE
DATA REVIEWED BY: JAMES E. PICKER

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JET PROPULSION LAB
4800 OAK GROVE DRIVE
LA CANADA, CA

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VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8021) ANALYSES OF SOIL VAPOR

	SVW32-VPC-057	SVW32-VPE-058	SVW32-VPE-059	SVW32-VPE-060 DUP	SVW32-VPH-061	SVW32-VPI-062	SVW32-VPJ-063
DATE	07/17/01	07/17/01	07/17/01	07/17/01	07/17/01	07/17/01	07/17/01
ANALYSIS TIME	09:11	09:36	10:02	10:27	11:20	11:46	12:12
SAMPLING DEPTH (feet)	55	70	90	90	155	180	195
VOLUME WITHDRAWN (cc)	280	340	420	520	680	780	840
VOLUME INJECTED	1	1	1	1	1	1	1
DILUTION FACTOR	1	1	1	1	1	1	1
CARBON TETRACHLORIDE	nd	nd	nd	nd	3.3	nd	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLOROETHANE	nd	nd	nd	nd	nd	nd	nd
1,2-DICHLOROETHANE	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLOROETHENE	nd	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd	nd	nd	nd	nd	nd	nd
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
TRICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	nd UJ	nd UJ	nd UJ	nd UJ	6.4 J	nd UJ	nd UJ
BENZENE	nd	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd	nd
SURROGATES							
1,4 DIFLUORO BENZENE	95%	99%	97%	98%	99%	98%	99%
4 BROMOFLUORO BENZENE	88%	92%	90%	90%	91%	90%	91%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY (CERT #1745)
ANALYSES PERFORMED BY: MARK BURKE
DATA REVIEWED BY: JAMES E. PICKER

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4800 OAK GROVE DRIVE
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VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8021) ANALYSES OF SOIL VAPOR

	BLANK	SVW37-VPA-064	SVW37-VPD-065	SVW37-VPD-066 DUP	SVW37-VPE-067	SVW37-VPH-068	SVW37-VPI-069
DATE	07/18/01	07/18/01	07/18/01	07/18/01	07/18/01	07/18/01	07/18/01
ANALYSIS TIME	05:53	06:20	06:46	07:13	07:39	08:06	08:30
SAMPLING DEPTH (feet)	--	25	80	80	100	155	170
VOLUME WITHDRAWN (cc)	--	160	380	480	460	680	740
VOLUME INJECTED	1	1	1	1	1	1	1
DILUTION FACTOR	1	1	1	1	1	1	1
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,2-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd	nd	nd	nd	nd	nd	nd
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-TETRACHLORO ETHANE	nd ~~UJ~~	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
TRICHLORO ETHENE	nd	nd	nd	nd	1.4	nd	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd ~~UJ~~	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	nd ~~UJ~~	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
BENZENE	nd	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd	nd
SURROGATES							
1,4 DIFLUORO BENZENE	94%	103%	99%	95%	98%	106%	102%
4 BROMOFLUORO BENZENE	88%	93%	91%	86%	89%	98%	91%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY (CERT #1745)
ANALYSES PERFORMED BY: MARK BURKE
DATA REVIEWED BY: JAMES E. PICKER

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4800 OAK GROVE DRIVE
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VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8021) ANALYSES OF SOIL VAPOR

	SVW37-VPJ-070	SVW31-VPA-071	SVW31-VPA-072 DUP	SVW31-VPB-073	SVW31-VPC-074	SVW31-VPD-075	SVW31-VPE-076
DATE	07/18/01	07/18/01	07/18/01	07/18/01	07/18/01	07/18/01	07/18/01
ANALYSIS TIME	08:57	09:23	09:48	10:14	11:07	11:31	11:56
SAMPLING DEPTH (feet)	185	20	20	35	45	55	65
VOLUME WITHDRAWN (cc)	800	140	260	200	240	280	320
VOLUME INJECTED	1	1	1	1	1	1	1
DILUTION FACTOR	1	1	1	1	1	1	1
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,2-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd	nd	nd	nd	nd	nd	nd
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-TETRACHLORO ETHANE	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
TRICHLORO ETHENE	1.6	nd	nd	nd	nd	nd	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
BENZENE	nd	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd	nd
SURROGATES							
1,4 DIFLUORO BENZENE	98%	98%	96%	98%	99%	98%	99%
4 BROMOFLUORO BENZENE	89%	90%	87%	90%	90%	90%	91%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

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DATA REVIEWED BY: JAMES E. PICKER

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JET PROPULSION LAB
4800 OAK GROVE DRIVE
LA CANADA, CA

HP Labs Project #GF071101W1
GC SHIMADZU 14A RIGHT
VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8021) ANALYSES OF SOIL VAPOR

	BLANK	SVW30-VPA-077	SVW30-VPA-078 DUP	SVW30-VPB-079	SVW30-VPC-080	SVE30-VPD-081	SVW30-VPE-082	SVW12-VPC-083
DATE	07/19/01	07/19/01	07/19/01	07/19/01	07/19/01	07/19/01	07/19/01	07/19/01
ANALYSIS TIME	06 17	06.42	07:09	07.35	08 01	08 25	08 51	09 45
SAMPLING DEPTH (feet)	--	17	17	30	40	50	65	60
VOLUME WITHDRAWN (cc)	--	130	250	180	220	260	320	300
VOLUME INJECTED	1	1	1	1	1	1	1	1
DILUTION FACTOR	1	1	1	1	1	1	1	1
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd	nd	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd
1,2-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd	nd	nd	nd	nd	nd	nd	nd
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd
TRICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd ~~UJ~~	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	nd ~~UJ~~	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
BENZENE	nd	nd	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd	nd	nd
SURROGATES								
1,4 DIFLUORO BENZENE	96%	102%	104%	99%	102%	99%	100%	100%
4 BROMOFLUORO BENZENE	88%	89%	94%	89%	93%	90%	91%	89%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY (CERT #1745)
ANALYSES PERFORMED BY: MARK BURKE
DATA REVIEWED BY: JAMES E. PICKER

JE 9/20/01

HP Labs

GEOFON PROJECT # 04-4304-480
JET PROPULSION LAB
4800 OAK GROVE DRIVE
LA CANADA, CA

HP Labs Project #GF071101W1
GC SHIMADZU 14A RIGHT
VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8021) ANALYSES OF SOIL VAPOR

	SVW12-VPC-084 DUP	SVW12-VPD-085	SVW7-VPA-086	SVW7-VPB-087	SVW1-VPB-088	SVW1-VPC-089	SVW1-VPC-090 DUP
DATE	07/19/01	07/19/01	07/19/01	07/19/01	07/19/01	07/19/01	07/19/01
ANALYSIS TIME	10:10	10:36	11:02	11:55	12:20	12:45	13:10
SAMPLING DEPTH (feet)	60	76	20	35	21	33	33
VOLUME WITHDRAWN (cc)	420	360	140	200	145	200	320
VOLUME INJECTED	1	1	1	1	1	1	1
DILUTION FACTOR	1	1	1	1	1	1	1
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,2-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd	nd	nd	nd	nd	nd	nd
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
TRICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
BENZENE	nd	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd	nd
SURROGATES							
1,4 DIFLUORO BENZENE	100%	102%	101%	98%	99%	98%	101%
4 BROMOFLUORO BENZENE	89%	92%	91%	89%	90%	87%	92%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY (CERT #1745)
ANALYSES PERFORMED BY: MARK BURKE
DATA REVIEWED BY: JAMES E. PICKER

SR 9/80i

HP Labs

GEOFON PROJECT # 04-4304-480
JET PROPULSION LAB
4800 OAK GROVE DRIVE
LA CANADA, CA

HP Labs Project #GF071101W1
GC SHIMADZU 14A RIGHT
VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8021) ANALYSES OF SOIL VAPOR

	BLANK	SVW5-VPB-091	SVW3-VPC-092	SVW3-VPD-093	SVW4-VPB-094	SVW4-VPD-095	SVW4-VPD-096 DUP	SVW2-VPA-097	SVW2-VPC-098	SVW14-VPB-099	SVW17-VPC-100
DATE	07/20/01	07/20/01	07/20/01	07/20/01	07/20/01	07/20/01	07/20/01	07/20/01	07/20/01	07/20/01	07/20/01
ANALYSIS TIME	06:30	06:56	07:21	07:46	08:12	08:38	09:04	09:30	09:56	10:22	10:47
SAMPLING DEPTH (feet)	--	9	40	47	20	56	57	10	37	10	36
VOLUME WITHDRAWN (cc)	--	100	220	250	140	285	405	100	210	100	205
VOLUME INJECTED	1	1	1	1	1	1	1	1	1	1	1
DILUTION FACTOR	1	1	1	1	1	1	1	1	1	1	1
CARBON TETRACHLORIDE	nd ~~UJ~~	nd UJ	1.1 J	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	2.6 J
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,2-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	7.1
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TRICHLORO ETHENE	nd	nd	nd	nd	20	1.5	1.7	1.3	nd	nd	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd ~~UJ~~	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	nd ~~UJ~~	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
BENZENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	62
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	2.3
TOLUENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	4.2
m&p-XYLENES	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.3
o-XYLENE	nd	nd	nd	nd	nd	nd	nd	nd	nd	nd	1.5
SURROGATES											
1,4 DIFLUORO BENZENE	101%	101%	100%	98%	101%	99%	97%	98%	100%	97%	95%
4 BROMOFLUORO BENZENE	95%	93%	92%	90%	93%	90%	87%	90%	91%	88%	94%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY (CERT #1745)
ANALYSES PERFORMED BY: MARK BURKE
DATA REVIEWED BY: JAMES E. PICKER

JP 9/8/01

HP Labs

GEOFON PROJECT # 04-4304-480
JET PROPULSION LAB
4800 OAK GROVE DRIVE
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GC SHIMADZU 14A RIGHT
VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8021) ANALYSES OF SOIL VAPOR

	BLANK	SVW10-VPB-101	SVW10-VPB-102 DUP	SVW10-VPD-103	SVW9-VPA-104	SVW9-VPB-105	SVW9-VPC-106
DATE	07/23/01	07/23/01	07/23/01	07/23/01	07/23/01	07/23/01	07/23/01
ANALYSIS TIME	06:16	06:42	07:08	07:35	08:01	08:27	08:52
SAMPLING DEPTH (feet)	--	35	35	69	20	35	50
VOLUME WITHDRAWN (cc)	--	200	290	340	140	200	260
VOLUME INJECTED	1	1	1	1	1	1	1
DILUTION FACTOR	1	1	1	1	1	1	1
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
1,1-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,2-DICHLORO ETHANE	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
TRICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	nd UJ	1.6 J	1.6 J	nd UJ	9.3 J	8.1 J	7.8 J
BENZENE	nd	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd	nd
SURROGATES							
1,4 DIFLUORO BENZENE	96%	104%	99%	99%	97%	99%	102%
4 BROMOFLUORO BENZENE	90%	95%	89%	89%	88%	89%	94%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY (CERT #1745)
ANALYSES PERFORMED BY: MARK BURKE
DATA REVIEWED BY: JAMES E. PICKER

SC 9801

HP Labs

GEOFON PROJECT # 04-4304-480
JET PROPULSION LAB
4800 OAK GROVE DRIVE
LA CANADA, CA

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GC SHIMADZU 14A RIGHT
VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8021) ANALYSES OF SOIL VAPOR

	SVW9-VPD-107	SVW9-VPD-108 DUP	SVW9-VPE-109	SVW8-VPC-110	SVW8-VPD-111	SVW8-VPE-112
DATE	07/23/01	07/23/01	07/23/01	07/23/01	07/23/01	07/23/01
ANALYSIS TIME	09:18	09:44	10:09	10:35	11:34	12:03
SAMPLING DEPTH (feet)	70	70	87	50	70	90
VOLUME WITHDRAWN (cc)	340	430	410	260	340	420
VOLUME INJECTED	1	1	1	1	1	1
DILUTION FACTOR	1	1	1	1	1	1
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
1,1-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd
1,2-DICHLORO ETHANE	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
1,1,2,2-TETRACHLORO ETHANE	nd ↓	nd ↓	nd ↓	nd ↓	nd ↓	nd ↓
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd
TRICHLORO ETHENE	nd	nd	nd	nd	nd	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	7.6 J	8.1 J	7.5 J	nd UJ	nd UJ	nd UJ
BENZENE	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd
SURROGATES						
1,4 DIFLUORO BENZENE	96%	96%	102%	97%	98%	105%
4 BROMOFLUORO BENZENE	87%	88%	92%	88%	89%	96%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY (CERT #1745)
ANALYSES PERFORMED BY: MARK BURKE
DATA REVIEWED BY: JAMES E. PICKER

JE 9/18/01

HP Labs

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JET PROPULSION LAB
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VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8021) ANALYSES OF SOIL VAPOR

	BLANK	SVW15-VPB-113	SVW15-VPB-114 DUP	SVW15-VPC-115	SVW15-VPD-116	SVW15-VPE-117	SVW6-VPB-118
DATE	07/24/01	07/24/01	07/24/01	07/24/01	07/24/01	07/24/01	07/24/01
ANALYSIS TIME	05:49	06:14	06:39	07:03	07:29	07:54	08:20
SAMPLING DEPTH (feet)	--	40	40	60	75	90	40
VOLUME WITHDRAWN (cc)	--	220	310	300	360	420	220
VOLUME INJECTED	1	1	1	1	1	1	1
DILUTION FACTOR	1	1	1	1	1	1	1
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
1,1-DICHLORO ETHANE	nd	nd ↓	nd ↓	nd ↓	nd ↓	nd ↓	nd ↓
1,2-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
TRICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd ~~UJ~~	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	nd ~~UJ~~	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
BENZENE	nd	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd	nd
SURROGATES							
1,4 DIFLUORO BENZENE	100%	101%	99%	99%	99%	99%	98%
4 BROMOFLUORO BENZENE	91%	93%	90%	91%	91%	90%	89%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY (CERT #1745)
ANALYSES PERFORMED BY: MARK BURKE
DATA REVIEWED BY: JAMES E. PICKER

JE 9/8/01

HP Labs

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4800 OAK GROVE DRIVE
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GC SHIMADZU 14A RIGHT
VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8021) ANALYSES OF SOIL VAPOR

	SVW6-VPC-119	SVW6-VPC-120 DUP	SVW6-VPD-121	SVW6-VPE-122	SVW11-VPA-123	SVW11-VPE-124
DATE	07/24/01	07/24/01	07/24/01	07/24/01	07/24/01	07/24/01
ANALYSIS TIME	08:46	09 11	09:36	10 01	11 15	11 41
SAMPLING DEPTH (feet)	60	60	77	96	20	96
VOLUME WITHDRAWN (cc)	420	510	370	445	140	445
VOLUME INJECTED	1	1	1	1	1	1
DILUTION FACTOR	1	1	1	1	1	1
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
1,1-DICHLORO ETHANE	nd ↓	nd ↓	nd ↓	nd ↓	nd ↓	nd ↓
1,2-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd
TRICHLORO ETHENE	nd	nd	nd	nd	nd	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
BENZENE	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd
SURROGATES						
1,4 DIFLUORO BENZENE	96%	97%	95%	97%	99%	94%
4 BROMOFLUORO BENZENE	88%	88%	87%	89%	89%	85%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY (CERT #1745)
ANALYSES PERFORMED BY: MARK BURKE
DATA REVIEWED BY: JAMES E. PICKER

JR 9/18/1

HP Labs

GEOFON PROJECT # 04-4304-480
JET PROPULSION LAB
4800 OAK GROVE DRIVE
LA CANADA, CA

HP Labs Project #GF071101W1
GC SHIMADZU 14A RIGHT
VOLATILE HALOGENATED AND AROMATIC HYDROCARBONS (EPA Method 8021) ANALYSES OF SOIL VAPOR

	BLANK	SVW26-VPF-001	SVW26-VPG-002	SVW26-VPH-003	SVW26-VPI-004	SVW25-VPA-005	SVW25-VPA-006 DUP
DATE	07/11/01	07/11/01	07/11/01	07/11/01	07/11/01	07/11/01	07/11/01
ANALYSIS TIME	06:11	06:41	07:08	07:35	08:02	08:30	08:58
SAMPLING DEPTH (feet)	--	115	140	160	180	20	20
VOLUME WITHDRAWN (cc)	--	520	620	790	780	140	260
VOLUME INJECTED	1	1	1	1	1	1	1
DILUTION FACTOR	1	1	1	1	1	1	1
CARBON TETRACHLORIDE	nd	nd	nd	nd	nd	nd	nd
CHLOROETHANE	nd	nd	nd	nd	nd	nd	nd
CHLOROFORM	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,2-DICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
CIS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
TRANS-1,2-DICHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
DICHLOROMETHANE	nd	nd	nd	nd	nd	nd	nd
TETRACHLORO ETHENE	nd	nd	nd	nd	nd	nd	nd
1,1,1,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2,2-TETRACHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,1-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLORO ETHANE	nd	nd	nd	nd	nd	nd	nd
TRICHLORO ETHENE	nd	nd	nd	nd	1.1	nd	nd
VINYL CHLORIDE	nd	nd	nd	nd	nd	nd	nd
TRICHLOROFLUOROMETHANE (FR11)	nd ~~UJ~~	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
DICHLORODIFLUOROMETHANE (FR12)	nd	nd	nd	nd	nd	nd	nd
1,1,2-TRICHLOROTRIFLUOROETHANE (FR113)	nd ~~UJ~~	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ	nd UJ
BENZENE	nd	nd	nd	nd	nd	nd	nd
CHLOROBENZENE	nd	nd	nd	nd	nd	nd	nd
ETHYLBENZENE	nd	nd	nd	nd	nd	nd	nd
TOLUENE	nd	nd	nd	nd	nd	nd	nd
m&p-XYLENES	nd	nd	nd	nd	nd	nd	nd
o-XYLENE	nd	nd	nd	nd	nd	nd	nd
SURROGATES							
1,4 DIFLUORO BENZENE	96%	98%	98%	96%	94%	99%	99%
4 BROMOFLUORO BENZENE	89%	90%	91%	89%	88%	92%	91%

ND INDICATES NOT DETECTED AT A DETECTION LIMIT OF 1.0 UG/L-VAPOR FOR EACH COMPOUND

ANALYSES PERFORMED ON-SITE IN CA DOHS MOBILE LABORATORY (CERT #1745)
ANALYSES PERFORMED BY: MARK BURKE
DATA REVIEWED BY: JAMES E. PICKER

JC 9/8/01