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MOFFETT FIELD
SSIC NO. 5090.3

# QUARTERLY REPORT
# 2ND QUARTER 1991
# NAS MOFFETT FIELD, CALIFORNIA
# REMEDIAL INVESTIGATION/FEASIBILITY STUDY

## VOLUME 3
## APPENDIX B
## ANALYTICAL RESULTS - WATERS
## APPENDICES C THROUGH F

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Prepared by:

IT Corporation
312 Directors Drive
Knoxville, Tennessee 37923

Submitted by:

Hazardous Waste Remedial Actions Program
Martin Marietta Energy Systems, Inc.
Oak Ridge, Tennessee 37831-6501

for:

U.S. Department of Energy
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San Bruno, California 94066-0727

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MOFFETT FIELD
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# QUARTERLY REPORT
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# REMEDIAL INVESTIGATION/FEASIBILITY STUDY

DATED 15 AUGUST 1991

THIS RECORD CONTAINS MULTIPLE VOLUMES
WHICH HAVE BEEN ENTERED SEPARATELY

VOLUME 1 OF 3 IS FILED AS ADMINISTRATIVE
RECORD NO. **N00296.001191**

VOLUME 2 OF 3 IS FILED AS ADMINISTRATIVE
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## LIST OF ABBREVIATIONS

| | |
|---|---|
| BAAQMD | Bay Area Air Quality Management District |
| BNAs | Base/neutral and acid extractable priority pollutants |
| CDM | Camp, Dresser, McKee |
| CLEAN | Comprehensive Long-Term Environmental Action, Navy |
| CLP | Contract Laboratory Program |
| CRQL | Contract Required Quantitation Limit |
| CRWQCB | California Regional Water Quality Control Board |
| DCA | Dichloroethane |
| DCE | Dichloroethene |
| DHS | Department of Health Services |
| Energy Systems | Martin Marietta Energy Systems, Inc. |
| EPA | U.S. Environmental Protection Agency |
| GC | Gas chromatograph |
| gpm | Gallons per minute |
| HAZWRAP | Hazardous Waste Remedial Actions Program |
| IS | Inferred Sources |
| IT | IT Corporation |
| MEW | Middlefield-Ellis-Whisman |
| mg/kg | Milligrams per kilogram |
| mg/L | milligrams/liter |
| NAS | Naval Air Station |
| NTU | Nephelometric turbidity unit |
| PCBs | Polychlorinated biphenyls |
| PCE | Tetrachloroethene |
| ppb | Parts per billion |
| ppm | Parts per million |
| PRC | PRC Environmental Management, Inc. |
| QA/QC | Quality assurance/quality control |
| RI | Remedial investigation |
| SCVWD | Santa Clara Valley Water District |
| TCA | Trichloroethane |

| | |
|---|---|
| TCE | Trichloroethene |
| TCVOC | Total chlorinated volatile organic compounds |
| TDS | Total dissolved solids |
| TPHC | Total petroleum hydrocarbons |
| µg/L | Micrograms per liter |
| VOC | Volatile organic compounds |
| WESTDIV | Western Division of the Naval Facilities Engineering Command |

# APPENDIX B

# ANALYTICAL RESULTS - WATERS

# B6.0 SITE 3 - ANALYTICAL RESULTS

# B6.1 SITE 3 - ANALYTICAL RESULTS

## SUMMARY TABLES

# NOTES

Phase II samples from NAS Moffett Field have been analyzed in accordance with EPA - CLP protocols and in accordance with the normal QA/QC requirements associated with the program. The data have not yet undergone the validation process described in the EPA Functional Guidelines for Evaluating Inorganic Analyses (July 1988) and the Functional Guidelines for Evaluating Organic Analyses (February 1988). Therefore, the data should be considered preliminary.

For Sites 3 through 7, the following list of 24 compounds comprises the total chlorinated volatile organic compounds (TCVOC):

- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,2-Dichloroethane
- 1,2-Dichloroethane-D4
- 1,2-Dichloroethene
- 1,2-Dichloroethene (total)
- 1,2-Dichloroethylene
- 1,2-Dichloropropane
- Bromodichloromethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- cis-1,3-dichloropropene
- Dibromochloromethane
- Methylene chloride
- Tetrachloroethene
- Trans-1,3-dichloropropene
- Trichloroethene
- Vinyl chloride.

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 6-1 Site 3 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W03-01(A1) | W03-01(A1) | W03-09(B2) | W03-09(B2) | W03-16(C) | W03-19(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1583 | MOF1584 | MOF1575 | MOF1579 | MOF1559 | MOF1647 |
| Sample Type==========> | | | ORIG | DUP | TB | ER | TB | ORIG |
| Sample Date==========> | | | 05/10/91 | 05/10/91 | 05/09/91 | 05/09/91 | 05/07/91 | 05/22/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | J 3 | J 4 | | | | J 1 |
| 1,1-DICHLOROETHENE | 5 | ug/L | J 2 | J 3 | | | | |
| 1,2-DICHLOROETHANE | 5 | ug/L | | | | | | J 2 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | 7 | 9 | | | | 12 |
| ACETONE | 10 | ug/L | | | | J 8 | | |
| CHLOROFORM | 5 | ug/L | | | | 7 | J 2 | |
| METHYLENE CHLORIDE | 5 | ug/L | | | BJ 2 | BJ 1 | BJ 2 | BJ 2 |
| TETRACHLOROETHENE | 5 | ug/L | | J 1 | | | | |
| TRICHLOROETHENE | 5 | ug/L | 7 | 10 | | | | |

Table 6-1 Site 3 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W03-20(A1) | W03-21(A1) | W03-23(A1) | W03-23(A1) | W03-24(A1) |
|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1644 | MOF1643 | MOF1525 | MOF1526 | MOF1646 |
| Sample Type==========> | | | ORIG | ORIG | ORIG | DUP | ORIG |
| Sample Date==========> | | | 05/22/91 | 05/22/91 | 04/30/91 | 04/30/91 | 05/22/91 |
| Compounds | Quantitation limits | Units | | | | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | J 3 | J 2 | | | |
| 1,2-DICHLOROETHANE | 5 | ug/L | | | 8 | 8 | |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | J 4 | | | | |
| ACETONE | 10 | ug/L | | | | | J 2 |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | J 4 | | | | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 2 | BJ 3 | | BJ 1 | BJ 3 |
| TRICHLOROETHENE | 5 | ug/L | J 2 | 8 | J 2 | J 2 | |

# Inorganic Data

Table 6-2 Site 3 - Analytical Results Summary
Water Samples, Inorganic Analyses
NAS Moffett Field

| Compounds | Quantitation limits | Units | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Well Number==========> | | | W03-19(A1) | | W03-20(A1) | | W03-21(A1) | | W03-24(A1) | |
| Sample Number==========> | | | MOF1647 | | MOF1644 | | MOF1643 | | MOF1646 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/22/91 | | 05/22/91 | | 05/22/91 | | 05/22/91 | |
| ALUMINUM | 200 | ug/L | B | 138 | B | 38.8 | B | 144 | B | 104 |
| ARSENIC | 10 | ug/L | B | 2.2 | | | | | | |
| BARIUM | 200 | ug/L | B | 27.6 | B | 67.6 | B | 104 | B | 43.9 |
| BICARBONATE | 1 | mg/L | | 630 | | 410 | | 480 | | 560 |
| CALCIUM | 5000 | ug/L | | 17600 | | 73100 | | 94300 | | 72600 |
| CARBONATE | 1 | mg/L | | | | 20 | | | | |
| CHLORIDE | 0.1 | mg/L | | 140 | | 34 | | 80 | | 340 |
| COPPER | 25 | ug/L | B | 9.1 | B | 6.3 | B | 9.6 | B | 10.2 |
| FLUORIDE | 100 | mg/L | | 1.5 | | 0.5 | | 0.4 | | 0.7 |
| IRON | 100 | ug/L | | 194 | | 140 | | 178 | | 191 |
| LEAD | 5 | ug/L | B | 1.4 | B | 1.1 | B | 1.3 | B | 1.4 |
| MAGNESIUM | 5000 | ug/L | | 20500 | | 77700 | | 67000 | | 83600 |
| MANGANESE | 15 | ug/L | | 95.4 | | 282 | | 83.2 | | 141 |
| NICKEL | 40 | ug/L | | | | | | | B | 24.3 |
| NITRATE | 0.1 | mg/L | | 5 | | 0.4 | | 3 | | 20 |
| POTASSIUM | 5000 | ug/L | B | 3120 | B | 468 | B | 2860 | B | 2490 |
| SODIUM | 5000 | ug/L | | 39800 | | 74800 | | 83700 | | 61100 |
| SULFATE | 200 | mg/L | | 240 | | 170 | | 140 | | 400 |
| TDS | 10 | mg/L | | 1300 | | 800 | | 830 | | 230 |
| VANADIUM | 50 | ug/L | B | 27.3 | B | 8.7 | B | 24.4 | B | 23.4 |
| ZINC | 20 | ug/L | B | 12.9 | B | 10.4 | B | 17.1 | B | 12.3 |

## B6.2 SITE 3- RESULTS OF WATER SAMPLE ANALYSES

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 6-3
Site 3 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W03-01(A1) | | W03-01(A1) | | W03-01(A1) | | W03-01(A1) | | W03-02(A1) | | W03-03(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1582 | | MOF1583 | | MOF1584 | | MOF1585 | | MOF1560 | | MOF1568 | |
| Sample Type==========> | | | TB | | ORIG | | DUP | | ER | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/10/91 | | 05/10/91 | | 05/10/91 | | 05/10/91 | | 05/07/91 | | 05/07/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | J | 3 | J | 4 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | J | 2 | J | 3 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | | 7 | | 9 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | | | U | 250 | U | 250 | U | 250 | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | J | 1 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | | 7 | | 10 | U | 5 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |

Table 6-3
Site 3 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W03-03(A1) | | W03-04(B2) | | W03-04(B2) | | W03-04(B2) | | W03-07(B2) | | W03-07(B2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1569 | | MOF1570 | | MOF1571 | | MOF1572 | | MOF1561 | | MOF1565 | |
| Sample Type==========> | | | DUP | | ORIG | | TB | | ER | | ORIG | | ER | |
| Sample Date==========> | | | 05/07/91 | | 05/08/91 | | 05/08/91 | | 05/08/91 | | 05/07/91 | | 05/07/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | U | 250 | U | 500 | | | U | 250 | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |

Table 6-3
Site 3 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W03-08(A1) | | W03-09(B2) | | W03-09(B2) | | W03-09(B2) | | W03-11(A1) | | W03-12(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1573 | | MOF1575 | | MOF1576 | | MOF1579 | | MOF1574 | | MOF1523 | |
| Sample Type==========> | | | ORIG | | TB | | ORIG | | ER | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/08/91 | | 05/09/91 | | 05/09/91 | | 05/09/91 | | 05/08/91 | | 04/29/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | | |
| 1,2-DICHLOROETHYLENE | | ug/L | | | | | | | | | | | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | J | 8 | U | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | | 7 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | U | 250 | | | U | 250 | U | 250 | U | 250 | U | 50 |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | BJ | 2 | U | 5 | BJ | 1 | U | 5 | U | 5 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | | | | | | | | | | | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | | |

Table 6-3
Site 3 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W03-13(A2) | | W03-14(B2) | | W03-15(B2) | | W03-15(B2) | | W03-16(C) | | W03-16(C) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1533 | | MOF1532 | | MOF1524 | | MOF1527 | | MOF1559 | | MOF1566 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | TB | | TB | | ORIG | |
| Sample Date==========> | | | 05/01/91 | | 05/01/91 | | 04/30/91 | | 04/30/91 | | 05/07/91 | | 05/07/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | | | | | | | | U | 5 | U | 5 |
| 1,2-DICHLOROETHYLENE | | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | | | | |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | J | 2 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | U | 50 | U | 50 | U | 50 | | | | | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | BJ | 2 | U | 5 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | | | | |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | | | | | | | | | U | 5 | U | 5 |

Table 6-3
Site 3 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W03-19(A1) | | W03-20(A1) | | W03-21(A1) | | W03-22(A2) | | W03-23(A1) | | W03-23(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1647 | | MOF1644 | | MOF1643 | | MOF1517 | | MOF1525 | | MOF1526 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | | ORIG | | DUP | |
| Sample Date==========> | | | 05/22/91 | | 05/22/91 | | 05/22/91 | | 04/29/91 | | 04/30/91 | | 04/30/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | J | 1 | J | 3 | J | 2 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2,4-TRICHLOROBENZENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 1,2-DICHLOROBENZENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 1,2-DICHLOROETHANE | 5 | ug/L | J | 2 | U | 5 | U | 5 | U | 5 | | 8 | | 8 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | 12 | J | 4 | U | 5 | | | | | | |
| 1,2-DICHLOROETHYLENE | | ug/L | | | | | | | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,3-DICHLOROBENZENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 1,4-DICHLOROBENZENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 2,4,5-TRICHLOROPHENOL | 50 | ug/L | U | 50 | U | 50 | U | 50 | | | | | | |
| 2,4,6-TRICHLOROPHENOL | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 2,4-DICHLOROPHENOL | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 2,4-DIMETHYLPHENOL | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 2,4-DINITROPHENOL | 50 | ug/L | U | 50 | U | 50 | U | 50 | | | | | | |
| 2,4-DINITROTOLUENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 2,6-DINITROTOLUENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-CHLORONAPHTHALENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 2-CHLOROPHENOL | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-METHYLNAPHTHALENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 2-METHYLPHENOL | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 2-NITROANILINE | 50 | ug/L | U | 50 | U | 50 | U | 50 | | | | | | |
| 2-NITROPHENOL | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 3,3'-DICHLOROBENZIDINE | 20 | ug/L | U | 20 | U | 20 | U | 20 | | | | | | |
| 3-NITROANILINE | 50 | ug/L | U | 50 | U | 50 | U | 50 | | | | | | |
| 4,6-DINITRO-2-METHYLPHENOL | 50 | ug/L | U | 50 | U | 50 | U | 50 | | | | | | |
| 4-BROMOPHENYL-PHENYL ETHER | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 4-CHLORO-3-METHYLPHENOL | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 4-CHLOROANILINE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 4-CHLOROPHENYL-PHENYL ETHER | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYLPHENOL | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |

Table 6-3
Site 3 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W03-19(A1) | | W03-20(A1) | | W03-21(A1) | | W03-22(A2) | | W03-23(A1) | | W03-23(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1647 | | MOF1644 | | MOF1643 | | MOF1517 | | MOF1525 | | MOF1526 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | | ORIG | | DUP | |
| Sample Date==========> | | | 05/22/91 | | 05/22/91 | | 05/22/91 | | 04/29/91 | | 04/30/91 | | 04/30/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 4-NITROANILINE | 50 | ug/L | U | 50 | U | 50 | U | 50 | | | | | | |
| 4-NITROPHENOL | 50 | ug/L | U | 50 | U | 50 | U | 50 | | | | | | |
| ACENAPHTHENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| ACENAPHTHYLENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| ACETONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| ANTHRACENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| AROCLOR-1016 | 0.5 | ug/L | U | 0.5 | U | 0.5 | U | 0.5 | | | | | | |
| AROCLOR-1221 | 0.5 | ug/L | U | 0.5 | U | 0.5 | U | 0.5 | | | | | | |
| AROCLOR-1232 | 0.5 | ug/L | U | 0.5 | U | 0.5 | U | 0.5 | | | | | | |
| AROCLOR-1242 | 0.5 | ug/L | U | 0.5 | U | 0.5 | U | 0.5 | | | | | | |
| AROCLOR-1248 | 0.5 | ug/L | U | 0.5 | U | 0.5 | U | 0.5 | | | | | | |
| AROCLOR-1254 | 1.0 | ug/L | U | 1 | U | 1 | U | 1 | | | | | | |
| AROCLOR-1260 | 1.0 | ug/L | U | 1 | U | 1 | U | 1 | | | | | | |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BENZO(A)ANTHRACENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| BENZO(A)PYRENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| BENZO(B)FLUORANTHENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| BENZO(G,H,I)PERYLENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| BENZO(K)FLUORANTHENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| BENZOIC ACID | 50 | ug/L | U | 50 | U | 50 | U | 50 | | | | | | |
| BENZYL ALCOHOL | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| BIS(2-CHLOROETHOXY)METHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| BIS(2-CHLOROETHYL)ETHER | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| BIS(2-CHLOROISOPROPYL)ETHER | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | U | 10 | J | 4 | U | 10 | | | | | | |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| BUTYL BENZYL PHTHALATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHRYSENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DI-N-BUTYLPHTHALATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |

Table 6-3
Site 3 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W03-19(A1) | | W03-20(A1) | | W03-21(A1) | | W03-22(A2) | | W03-23(A1) | | W03-23(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1647 | | MOF1644 | | MOF1643 | | MOF1517 | | MOF1525 | | MOF1526 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | | ORIG | | DUP | |
| Sample Date==========> | | | 05/22/91 | | 05/22/91 | | 05/22/91 | | 04/29/91 | | 04/30/91 | | 04/30/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| DI-N-OCTYLPHTHALATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| DIBENZO(A,H)ANTHRACENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| DIBENZOFURAN | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIETHYLPHTHALATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| DIMETHYLPHTHALATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| FLUORANTHENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| FLUORENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| HEXACHLOROBENZENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| HEXACHLOROBUTADIENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| HEXACHLOROCYCLOPENTADIENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| HEXACHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| INDENO(1,2,3-C,D)PYRENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| ISOPHORONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| JP-5 | 250 | ug/L | U | 250 | U | 250 | U | 250 | U | 50 | U | 50 | U | 50 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 2 | BJ | 2 | BJ | 3 | U | 5 | U | 5 | BJ | 1 |
| N-NITROSO-DI-N-PROPYLAMINE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| N-NITROSODIPHENYLAMINE (1) | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| NAPHTHALENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| NITROBENZENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| PENTACHLOROPHENOL | 50 | ug/L | U | 50 | U | 50 | U | 50 | | | | | | |
| PHENANTHRENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| PHENOL | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| PYRENE | 10 | ug/L | U | 10 | U | 10 | U | 10 | | | | | | |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | | | | | | | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | J | 2 | U | 5 | U | 5 | J | 2 | J | 2 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | | | | | | |

Table 6-3
Site 3 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| | | | |
|---|---|---|---|
| Well Number==========> | | | W03-24(A1) |
| Sample Number==========> | | | MOF1646 |
| Sample Type==========> | | | ORIG |
| Sample Date==========> | | | 05/22/91 |
| Compounds | Quantitation limits | Units | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U 5 |
| 1,2,4-TRICHLOROBENZENE | 10 | ug/L | U 10 |
| 1,2-DICHLOROBENZENE | 10 | ug/L | U 10 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U 5 |
| 1,3-DICHLOROBENZENE | 10 | ug/L | U 10 |
| 1,4-DICHLOROBENZENE | 10 | ug/L | U 10 |
| 2,4,5-TRICHLOROPHENOL | 50 | ug/L | U 50 |
| 2,4,6-TRICHLOROPHENOL | 10 | ug/L | U 10 |
| 2,4-DICHLOROPHENOL | 10 | ug/L | U 10 |
| 2,4-DIMETHYLPHENOL | 10 | ug/L | U 10 |
| 2,4-DINITROPHENOL | 50 | ug/L | U 50 |
| 2,4-DINITROTOLUENE | 10 | ug/L | U 10 |
| 2,6-DINITROTOLUENE | 10 | ug/L | U 10 |
| 2-BUTANONE | 10 | ug/L | U 10 |
| 2-CHLORONAPHTHALENE | 10 | ug/L | U 10 |
| 2-CHLOROPHENOL | 10 | ug/L | U 10 |
| 2-HEXANONE | 10 | ug/L | U 10 |
| 2-METHYLNAPHTHALENE | 10 | ug/L | U 10 |
| 2-METHYLPHENOL | 10 | ug/L | U 10 |
| 2-NITROANILINE | 50 | ug/L | U 50 |
| 2-NITROPHENOL | 10 | ug/L | U 10 |
| 3,3'-DICHLOROBENZIDINE | 20 | ug/L | U 20 |
| 3-NITROANILINE | 50 | ug/L | U 50 |
| 4,6-DINITRO-2-METHYLPHENOL | 50 | ug/L | U 50 |
| 4-BROMOPHENYL-PHENYL ETHER | 10 | ug/L | U 10 |
| 4-CHLORO-3-METHYLPHENOL | 10 | ug/L | U 10 |
| 4-CHLOROANILINE | 10 | ug/L | U 10 |
| 4-CHLOROPHENYL-PHENYL ETHER | 10 | ug/L | U 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U 10 |
| 4-METHYLPHENOL | 10 | ug/L | U 10 |
| 4-NITROANILINE | 50 | ug/L | U 50 |

Table 6-3
Site 3 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| | | | | |
|---|---|---|---|---|
| Well Number==========> | | | W03-24(A1) | |
| Sample Number==========> | | | MOF1646 | |
| Sample Type==========> | | | ORIG | |
| Sample Date==========> | | | 05/22/91 | |
| Compounds | Quantitation limits | Units | | |
| 4-NITROPHENOL | 50 | ug/L | U | 50 |
| ACENAPHTHENE | 10 | ug/L | U | 10 |
| ACENAPHTHYLENE | 10 | ug/L | U | 10 |
| ACETONE | 10 | ug/L | J | 2 |
| ANTHRACENE | 10 | ug/L | U | 10 |
| AROCLOR-1016 | 0.5 | ug/L | U | 0.5 |
| AROCLOR-1221 | 0.5 | ug/L | U | 0.5 |
| AROCLOR-1232 | 0.5 | ug/L | U | 0.5 |
| AROCLOR-1242 | 0.5 | ug/L | U | 0.5 |
| AROCLOR-1248 | 0.5 | ug/L | U | 0.5 |
| AROCLOR-1254 | 1.0 | ug/L | U | 1 |
| AROCLOR-1260 | 1.0 | ug/L | U | 1 |
| BENZENE | 5 | ug/L | U | 5 |
| BENZO(A)ANTHRACENE | 10 | ug/L | U | 10 |
| BENZO(A)PYRENE | 10 | ug/L | U | 10 |
| BENZO(B)FLUORANTHENE | 10 | ug/L | U | 10 |
| BENZO(G,H,I)PERYLENE | 10 | ug/L | U | 10 |
| BENZO(K)FLUORANTHENE | 10 | ug/L | U | 10 |
| BENZOIC ACID | 50 | ug/L | U | 50 |
| BENZYL ALCOHOL | 10 | ug/L | U | 10 |
| BIS(2-CHLOROETHOXY)METHANE | 10 | ug/L | U | 10 |
| BIS(2-CHLOROETHYL)ETHER | 10 | ug/L | U | 10 |
| BIS(2-CHLOROISOPROPYL)ETHER | 10 | ug/L | U | 10 |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | U | 10 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 |
| BUTYL BENZYL PHTHALATE | 10 | ug/L | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 |
| CHRYSENE | 10 | ug/L | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 |
| DI-N-BUTYLPHTHALATE | 10 | ug/L | U | 10 |
| DI-N-OCTYLPHTHALATE | 10 | ug/L | U | 10 |

Table 6-3
Site 3 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| | |
|---|---|
| Well Number==========> | W03-24(A1) |
| Sample Number==========> | MOF1646 |
| Sample Type==========> | ORIG |
| Sample Date==========> | 05/22/91 |

| Compounds | Quantitation limits | Units | | |
|---|---|---|---|---|
| DIBENZO(A,H)ANTHRACENE | 10 | ug/L | U | 10 |
| DIBENZOFURAN | 10 | ug/L | U | 10 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 |
| DIETHYLPHTHALATE | 10 | ug/L | U | 10 |
| DIMETHYLPHTHALATE | 10 | ug/L | U | 10 |
| ETHYLBENZENE | 5 | ug/L | U | 5 |
| FLUORANTHENE | 10 | ug/L | U | 10 |
| FLUORENE | 10 | ug/L | U | 10 |
| HEXACHLOROBENZENE | 10 | ug/L | U | 10 |
| HEXACHLOROBUTADIENE | 10 | ug/L | U | 10 |
| HEXACHLOROCYCLOPENTADIENE | 10 | ug/L | U | 10 |
| HEXACHLOROETHANE | 10 | ug/L | U | 10 |
| INDENO(1,2,3-C,D)PYRENE | 10 | ug/L | U | 10 |
| ISOPHORONE | 10 | ug/L | U | 10 |
| JP-5 | 250 | ug/L | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 3 |
| N-NITROSO-DI-N-PROPYLAMINE | 10 | ug/L | U | 10 |
| N-NITROSODIPHENYLAMINE (1) | 10 | ug/L | U | 10 |
| NAPHTHALENE | 10 | ug/L | U | 10 |
| NITROBENZENE | 10 | ug/L | U | 10 |
| PENTACHLOROPHENOL | 50 | ug/L | U | 50 |
| PHENANTHRENE | 10 | ug/L | U | 10 |
| PHENOL | 10 | ug/L | U | 10 |
| PYRENE | 10 | ug/L | U | 10 |
| STYRENE | 5 | ug/L | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 |

# Inorganic Data

Table 6-3
Site 3 - Results of Water Sample Analyses (Inorganic)
NAS Moffett Field

| Well Number==========> | | | W03-19(A1) | | W03-20(A1) | | W03-21(A1) | | W03-24(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1647 | | MOF1644 | | MOF1643 | | MOF1646 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/22/91 | | 05/22/91 | | 05/22/91 | | 05/22/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | |
| ALUMINUM | 200 | ug/L | B | 138 | B | 38.8 | B | 144 | B | 104 |
| ANTIMONY | 60 | ug/L | U | 19.0 | U | 19.0 | U | 19.0 | U | 19.0 |
| ARSENIC | 10 | ug/L | B | 2.2 | U | 1.0 | U | 1.0 | U | 1.0 |
| BARIUM | 200 | ug/L | B | 27.6 | B | 67.6 | B | 104 | B | 43.9 |
| BERYLLIUM | 5 | ug/L | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 |
| BICARBONATE | 1 | mg/L | | 630 | | 410 | | 480 | | 560 |
| CADMIUM | 5 | ug/L | U | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 |
| CALCIUM | 5000 | ug/L | | 17600 | | 73100 | | 94300 | | 72600 |
| CARBONATE | 1 | mg/L | U | 1 | | 20 | U | 1 | U | 1 |
| CHLORIDE | 0.1 | mg/L | | 140 | | 34 | | 80 | | 340 |
| CHROMIUM | 10 | ug/L | U | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 |
| COBALT | 50 | ug/L | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| COPPER | 25 | ug/L | B | 9.1 | B | 6.3 | B | 9.6 | B | 10.2 |
| FLUORIDE | 100 | mg/L | | 1.5 | | 0.5 | | 0.4 | | 0.7 |
| IRON | 100 | ug/L | | 194 | | 140 | | 178 | | 191 |
| LEAD | 5 | ug/L | B | 1.4 | B | 1.1 | B | 1.3 | B | 1.4 |
| MAGNESIUM | 5000 | ug/L | | 20500 | | 77700 | | 67000 | | 83600 |
| MANGANESE | 15 | ug/L | | 95.4 | | 282 | | 83.2 | | 141 |
| MERCURY | 0.2 | ug/L | U | 0.20 | U | 0.20 | U | 0.20 | U | 0.20 |
| NICKEL | 40 | ug/L | U | 9.0 | U | 9.0 | U | 9.0 | B | 24.3 |
| NITRATE | 0.1 | mg/L | | 5 | | 0.4 | | 3 | | 20 |
| POTASSIUM | 5000 | ug/L | B | 3120 | B | 468 | B | 2860 | B | 2490 |
| SELENIUM | 5 | ug/L | U | 10.0 | U | 1.0 | U | 1.0 | U | 1.0 |
| SILVER | 10 | ug/L | U | 3.0 | U | 3.0 | U | 3.0 | U | 3.0 |
| SODIUM | 5000 | ug/L | | 39800 | | 74800 | | 83700 | | 61100 |
| SULFATE | 200 | mg/L | | 240 | | 170 | | 140 | | 400 |
| TDS | 10 | mg/L | | 1300 | | 800 | | 830 | | 230 |
| THALLIUM | 10 | ug/L | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 |
| VANADIUM | 50 | ug/L | B | 27.3 | B | 8.7 | B | 24.4 | B | 23.4 |
| ZINC | 20 | ug/L | B | 12.9 | B | 10.4 | B | 17.1 | B | 12.3 |

# B7.0 SITE 4 - ANALYTICAL RESULTS

## B7.1 SITE 4 - ANALYTICAL RESULTS

## SUMMARY TABLES

## NOTES

Phase II samples from NAS Moffett Field have been analyzed in accordance with EPA - CLP protocols and in accordance with the normal QA/QC requirements associated with the program. The data have not yet undergone the validation process described in the EPA Functional Guidelines for Evaluating Inorganic Analyses (July 1988) and the Functional Guidelines for Evaluating Organic Analyses (February 1988). Therefore, the data should be considered preliminary.

For Sites 3 through 7, the following list of 24 compounds comprises the total chlorinated volatile organic compounds (TCVOC):

- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,2-Dichloroethane
- 1,2-Dichloroethane-D4
- 1,2-Dichloroethene
- 1,2-Dichloroethene (total)
- 1,2-Dichloroethylene
- 1,2-Dichloropropane
- Bromodichloromethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- cis-1,3-dichloropropene
- Dibromochloromethane
- Methylene chloride
- Tetrachloroethene
- Trans-1,3-dichloropropene
- Trichloroethene
- Vinyl chloride.

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

FOOTNOTES FOR DATA TABLES (Continued)

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 7-1 Site 4 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W04-02(A1) | W04-02(A1) | W04-03(A1) | W04-04(A1) | W04-04(A1) | W04-07(C) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1553 | MOF1554 | MOF1557 | MOF1562 | MOF1564 | MOF1551 |
| Sample Type==========> | | | ORIG | DUP | ORIG | ORIG | ER | ORIG |
| Sample Date==========> | | | 05/06/91 | 05/06/91 | 05/06/91 | 05/07/91 | 05/07/91 | 05/06/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | 5 | J 4 | J 2 | J 2 | | |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | J 3 | J 4 | 6 | 21 | | |
| ACETONE | 10 | ug/L | | | | | 10 | J 3 |
| JP-5 | 250 | ug/L | | | | Z 1880 | | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 3 | BJ 2 | | | | BJ 2 |
| TETRACHLOROETHENE | 5 | ug/L | | | | 5 | | |
| TRICHLOROETHENE | 5 | ug/L | 44 | 52 | 11 | 33 | | |

Table 7-1 Site 4 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W04-09(B2) | W04-09(B2) | W04-11(A1) | W04-11(A1) | W04-12(A2) | W04-12(A2) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1549 | MOF1550 | MOF1670 | MOF1671 | MOF1682 | MOF1683 |
| Sample Type==========> | | | ORIG | TB | ORIG | TB | ORIG | DUP |
| Sample Date==========> | | | 05/06/91 | 05/06/91 | 05/28/91 | 05/28/91 | 05/29/91 | 05/29/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | | | J 1 | | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | | | J 3 | | | |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | | J 1 | | | |
| ACETONE | 10 | ug/L | | 11 | J 2 | J 3 | | J 4 |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | | | | | | J 8 |
| CHLOROFORM | 5 | ug/L | J 2 | | | | | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 2 | BJ 2 | BJ 2 | BJ 2 | BJ 1 | BJ 1 |
| TRICHLOROETHENE | 5 | ug/L | | | 62 | | | |

Table 7-1 Site 4 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W04-13(B2) | W04-14(A1) | W04-15(A1) | W04-16(A1) | W04-16(A1) | W04-17(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1680 | MOF1641 | MOF1673 | MOF1638 | MOF1645 | MOF1684 |
| Sample Type==========> | | | ORIG | ORIG | ORIG | TB | ORIG | ORIG |
| Sample Date==========> | | | 05/29/91 | 05/22/91 | 05/28/91 | 05/22/91 | 05/22/91 | 05/29/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | | 13 | 6 | | J 2 | |
| 1,1-DICHLOROETHENE | 5 | ug/L | | 17 | J 3 | | | |
| 1,2-DICHLOROBENZENE | 10 | ug/L | | J 5 | | | | |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | J 3 | 6 | | | |
| 2-BUTANONE | 10 | ug/L | | J 7 | | | | |
| 2-METHYLNAPHTHALENE | 10 | ug/L | | 12 | | | | |
| ACENAPHTHENE | 10 | ug/L | | J 5 | | | | |
| ACETONE | 10 | ug/L | | J 5 | J 5 | | J 2 | J 3 |
| BIS(2-CHLOROETHYL)ETHER | 10 | ug/L | | J 4 | | | | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | | | 110 | | | 95 |
| CHLOROBENZENE | 5 | ug/L | | J 4 | | | | |
| DIBENZOFURAN | 10 | ug/L | | J 9 | | | | |
| ETHYLBENZENE | 5 | ug/L | | J 1 | | | | |
| JP-5 | 250 | ug/L | | Z 2280 | | | Z 670 | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 1 | BJ 1 | BJ 1 | BJ 1 | BJ 2 | |
| NAPHTHALENE | 10 | ug/L | | 22 | | | | |
| TETRACHLOROETHENE | 5 | ug/L | | | 10 | | | |
| TOLUENE | 5 | ug/L | | J 2 | | | | |
| TRICHLOROETHENE | 5 | ug/L | | | 14 | | | |
| XYLENES (TOTAL) | 5 | ug/L | | J 3 | | | | |

# Inorganic Data

Table 7-2 Site 4 - Analytical Results Summary
Water Samples, Inorganic Analyses
NAS Moffett Field

| Well Number | | | W04-11(A1) | | W04-12(A2) | | W04-12(A2) | | W04-13(B2) | | W04-14(A1) | | W04-15(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number | | | MOF1670 | | MOF1682 | | MOF1683 | | MOF1680 | | MOF1641 | | MOF1673 | |
| Sample Type | | | ORIG | | ORIG | | DUP | | ORIG | | ORIG | | ORIG | |
| Sample Date | | | 05/28/91 | | 05/29/91 | | 05/29/91 | | 05/29/91 | | 05/22/91 | | 05/28/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| ALUMINUM | 200 | ug/L | B | 106 | B | 56.5 | B | 78.3 | B | 63.4 | B | 132 | B | 46.3 |
| ARSENIC | 10 | ug/L | | | | | | | B | 3.6 | | 12.9 | | |
| BARIUM | 200 | ug/L | B | 67.3 | B | 67.3 | B | 64.4 | B | 94.1 | B | 172 | B | 69.1 |
| BERYLLIUM | 5 | ug/L | | | | | B | 1.1 | | | | | | |
| BICARBONATE | 1 | mg/L | | 518 | | 480 | | 478 | | 222 | | 500 | | 512 |
| CADMIUM | 5 | ug/L | | | | | | | | 9.1 | | | | |
| CALCIUM | 5000 | ug/L | | 11800 | | 83500 | | 80900 | | 29500 | | 10700 | | 85800 |
| CHLORIDE | 0.1 | mg/L | | 71.3 | | 37.2 | | 41.6 | | 28.5 | | 30 | | 36.2 |
| CHROMIUM | 10 | ug/L | B | 4.9 | | | | | | | | | | |
| COPPER | 25 | ug/L | | | B | 6.3 | | | | | | | | |
| FLUORIDE | 100 | mg/L | | 0.36 | | 0.59 | | 0.51 | | 0.35 | | 0.9 | | 0.44 |
| IRON | 100 | ug/L | | 131 | B | 93.9 | B | 52.2 | | 106 | | 1980 | | 227 |
| LEAD | 5 | ug/L | | | | | B | 1.2 | B | 1.0 | | | B | 1.0 |
| MAGNESIUM | 5000 | ug/L | | 85200 | | 91900 | | 91400 | | 10600 | | 79800 | | 78200 |
| MANGANESE | 15 | ug/L | | 597 | | 253 | | 211 | | 55.1 | | 1900 | | 207 |
| NICKEL | 40 | ug/L | B | 8.7 | | | | | | | | | B | 8.0 |
| NITRATE | 0.1 | mg/L | R | 3.3 | R | 1.4 | R | 1.4 | | | | | | |
| POTASSIUM | 5000 | ug/L | | | B | 1140 | B | 1670 | B | 968 | B | 2730 | B | 538 |
| SILVER | 10 | ug/L | B | 2.2 | B | 2.1 | | | | | B | 5.2 | | |
| SODIUM | 5000 | ug/L | | 69600 | | 90700 | | 87900 | | 76200 | | 62300 | | 69500 |
| SULFATE | 200 | mg/L | | 245 | | 277 | | 303 | | 96.1 | | 220 | | 122 |
| TDS | 10 | mg/L | | 1090 | | 1000 | | 1070 | | 339 | | 890 | | 833 |
| VANADIUM | 50 | ug/L | B | 8.4 | B | 11.3 | B | 13.2 | B | 5.8 | B | 23.2 | B | 6.1 |
| ZINC | 20 | ug/L | | 28.8 | B | 14.1 | B | 11.7 | | 50.1 | B | 13.4 | B | 9.7 |

Table 7-2 Site 4 - Analytical Results Summary
Water Samples, Inorganic Analyses
NAS Moffett Field

| Well Number | | | W04-16(A1) | | W04-17(A1) | |
|---|---|---|---|---|---|---|
| Sample Number | | | MOF1645 | | MOF1684 | |
| Sample Type | | | ORIG | | ORIG | |
| Sample Date | | | 05/22/91 | | 05/29/91 | |
| Compounds | Quantitation limits | Units | | | | |
| ALUMINUM | 200 | ug/L | B | 75.1 | B | 52.9 |
| BARIUM | 200 | ug/L | B | 118 | B | 93.0 |
| BERYLLIUM | 5 | ug/L | | | B | 1.1 |
| BICARBONATE | 1 | mg/L | | 470 | | 496 |
| CALCIUM | 5000 | ug/L | | 89700 | | 96000 |
| CHLORIDE | 0.1 | mg/L | | 80 | | 39.0 |
| FLUORIDE | 100 | mg/L | | 0.3 | | 0.54 |
| IRON | 100 | ug/L | | 106 | B | 23.5 |
| LEAD | 5 | ug/L | | 3.7 | | |
| MAGNESIUM | 5000 | ug/L | | 58400 | | 11300 |
| MANGANESE | 15 | ug/L | | 680 | | 38.9 |
| NITRATE | 0.1 | mg/L | | | R | 6.2 |
| POTASSIUM | 5000 | ug/L | B | 1930 | B | 565 |
| SODIUM | 5000 | ug/L | | 61300 | | 80400 |
| SULFATE | 200 | mg/L | | 110 | | 326 |
| TDS | 10 | mg/L | | 730 | | 1140 |
| VANADIUM | 50 | ug/L | B | 15.2 | B | 13.2 |
| ZINC | 20 | ug/L | B | 5.3 | B | 18.1 |

## B7.2 SITE 4 - RESULTS OF WATER SAMPLE ANALYSES

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 7-3
Site 4 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W04-02(A1) | | W04-02(A1) | | W04-03(A1) | | W04-04(A1) | | W04-04(A1) | | W04-06(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1553 | | MOF1554 | | MOF1557 | | MOF1562 | | MOF1564 | | MOF1558 | |
| Sample Type==========> | | | ORIG | | DUP | | ORIG | | ORIG | | ER | | ORIG | |
| Sample Date==========> | | | 05/06/91 | | 05/06/91 | | 05/06/91 | | 05/07/91 | | 05/07/91 | | 05/06/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | | 5 | J | 4 | J | 2 | J | 2 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | J | 3 | J | 4 | | 6 | | 21 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DICHLOROTRIFLUOROETHANE I | | ug/L | | | | | J | 53 | | | | | | |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 3 | BJ | 2 | U | 5 | U | 5 | U | 5 | U | 5 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | | 44 | | 52 | | 11 | | 33 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |

Table 7-3
Site 4 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Compounds | Quantitation limits | Units | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number==========> | | | W04-07(C) | | W04-09(B2) | | W04-09(B2) | | W04-11(A1) | | W04-11(A1) | | W04-12(A2) | |
| Sample Number==========> | | | MOF1551 | | MOF1549 | | MOF1550 | | MOF1670 | | MOF1671 | | MOF1682 | |
| Sample Type==========> | | | ORIG | | ORIG | | TB | | ORIG | | TB | | ORIG | |
| Sample Date==========> | | | 05/06/91 | | 05/06/91 | | 05/06/91 | | 05/28/91 | | 05/28/91 | | 05/29/91 | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | J | 1 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | J | 3 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2,4-TRICHLOROBENZENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 1,2-DICHLOROBENZENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | J | 1 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,3-DICHLOROBENZENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 1,4-DICHLOROBENZENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 2,4,5-TRICHLOROPHENOL | 50 | ug/L | | | | | | | U | 50 | | | U | 50 |
| 2,4,6-TRICHLOROPHENOL | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 2,4-DICHLOROPHENOL | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 2,4-DIMETHYLPHENOL | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 2,4-DINITROPHENOL | 50 | ug/L | | | | | | | U | 50 | | | U | 50 |
| 2,4-DINITROTOLUENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 2,6-DINITROTOLUENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-CHLORONAPHTHALENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 2-CHLOROPHENOL | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 2-CYCLOHEXEN-1-ONE | | ug/L | | | | | | | J | 12 | | | | |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-METHYLNAPHTHALENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 2-METHYLPHENOL | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 2-NITROANILINE | 50 | ug/L | | | | | | | U | 50 | | | U | 50 |
| 2-NITROPHENOL | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 3,3'-DICHLOROBENZIDINE | 20 | ug/L | | | | | | | U | 20 | | | U | 20 |
| 3-NITROANILINE | 50 | ug/L | | | | | | | U | 50 | | | U | 50 |
| 4,6-DINITRO-2-METHYLPHENOL | 50 | ug/L | | | | | | | U | 50 | | | U | 50 |
| 4-BROMOPHENYL-PHENYL ETHER | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 4-CHLORO-3-METHYLPHENOL | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 4-CHLOROANILINE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 4-CHLOROPHENYL-PHENYL ETHER | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYLPHENOL | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |

Table 7-3
Site 4 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W04-07(C) | | W04-09(B2) | | W04-09(B2) | | W04-11(A1) | | W04-11(A1) | | W04-12(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1551 | | MOF1549 | | MOF1550 | | MOF1670 | | MOF1671 | | MOF1682 | |
| Sample Type==========> | | | ORIG | | ORIG | | TB | | ORIG | | TB | | ORIG | |
| Sample Date==========> | | | 05/06/91 | | 05/06/91 | | 05/06/91 | | 05/28/91 | | 05/28/91 | | 05/29/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 4-NITROANILINE | 50 | ug/L | | | | | | | U | 50 | | | U | 50 |
| 4-NITROPHENOL | 50 | ug/L | | | | | | | U | 50 | | | U | 50 |
| ACENAPHTHENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| ACENAPHTHYLENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| ACETONE | 10 | ug/L | J | 3 | U | 10 | | 11 | J | 2 | J | 3 | U | 10 |
| ANTHRACENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| AROCLOR-1016 | 0.5 | ug/L | | | | | | | U | 0.5 | | | U | 0.5 |
| AROCLOR-1221 | 0.5 | ug/L | | | | | | | U | 0.5 | | | U | 0.5 |
| AROCLOR-1232 | 0.5 | ug/L | | | | | | | U | 0.5 | | | U | 0.5 |
| AROCLOR-1242 | 0.5 | ug/L | | | | | | | U | 0.5 | | | U | 0.5 |
| AROCLOR-1248 | 0.5 | ug/L | | | | | | | U | 0.5 | | | U | 0.5 |
| AROCLOR-1254 | 1.0 | ug/L | | | | | | | U | 1 | | | U | 1 |
| AROCLOR-1260 | 1.0 | ug/L | | | | | | | U | 1 | | | U | 1 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BENZO(A)ANTHRACENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| BENZO(A)PYRENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| BENZO(B)FLUORANTHENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| BENZO(G,H,I)PERYLENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| BENZO(K)FLUORANTHENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| BENZOIC ACID | 50 | ug/L | | | | | | | U | 50 | | | U | 50 |
| BENZYL ALCOHOL | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| BIS(2-CHLOROETHOXY)METHANE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| BIS(2-CHLOROETHYL)ETHER | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| BIS(2-CHLOROISOPROPYL)ETHER | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| BUTYL BENZYL PHTHALATE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | J | 2 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHRYSENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DI-N-BUTYLPHTHALATE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |

Table 7-3
Site 4 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W04-07(C) | | W04-09(B2) | | W04-09(B2) | | W04-11(A1) | | W04-11(A1) | | W04-12(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1551 | | MOF1549 | | MOF1550 | | MOF1670 | | MOF1671 | | MOF1682 | |
| Sample Type==========> | | | ORIG | | ORIG | | TB | | ORIG | | TB | | ORIG | |
| Sample Date==========> | | | 05/06/91 | | 05/06/91 | | 05/06/91 | | 05/28/91 | | 05/28/91 | | 05/29/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| DI-N-OCTYLPHTHALATE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| DIBENZO(A,H)ANTHRACENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| DIBENZOFURAN | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIETHYLPHTHALATE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| DIMETHYLPHTHALATE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| FLUORANTHENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| FLUORENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| HEXACHLOROBENZENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| HEXACHLOROBUTADIENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| HEXACHLOROCYCLOPENTADIENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| HEXACHLOROETHANE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| INDENO(1,2,3-C,D)PYRENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| ISOPHORONE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 2 | BJ | 2 | BJ | 2 | BJ | 2 | BJ | 2 | BJ | 1 |
| N-NITROSO-DI-N-PROPYLAMINE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| N-NITROSODIPHENYLAMINE (1) | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| NAPHTHALENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| NITROBENZENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| PENTACHLOROPHENOL | 50 | ug/L | | | | | | | U | 50 | | | U | 50 |
| PHENANTHRENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| PHENOL | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| PYRENE | 10 | ug/L | | | | | | | U | 10 | | | U | 10 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | | 62 | U | 5 | U | 5 |
| UNKNOWN ALCOHOL | | ug/L | | | | | | | J | 10 | | | | |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |

Table 7-3
Site 4 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number | | | W04-12(A2) | | W04-13(B2) | | W04-13(B2) | | W04-14(A1) | | W04-15(A1) | | W04-16(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number | | | MOF1683 | | MOF1679 | | MOF1680 | | MOF1641 | | MOF1673 | | MOF1638 | |
| Sample Type | | | DUP | | TB | | ORIG | | ORIG | | ORIG | | TB | |
| Sample Date | | | 05/29/91 | | 05/29/91 | | 05/29/91 | | 05/22/91 | | 05/28/91 | | 05/22/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | | 13 | | 6 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | | 17 | J | 3 | U | 5 |
| 1,2,4-TRICHLOROBENZENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 1,2-DICHLORO-1,1,2-TRIFLU | | ug/L | | | | | | | J | 6 | | | | |
| 1,2-DICHLOROBENZENE | 10 | ug/L | U | 10 | | | U | 10 | J | 5 | U | 10 | | |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | J | 3 | | 6 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,3-DICHLOROBENZENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 1,4-DICHLOROBENZENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 2,4,5-TRICHLOROPHENOL | 50 | ug/L | U | 50 | | | U | 50 | U | 50 | U | 50 | | |
| 2,4,6-TRICHLOROPHENOL | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 2,4-DICHLOROPHENOL | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 2,4-DIMETHYLPHENOL | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 2,4-DINITROPHENOL | 50 | ug/L | U | 50 | | | U | 50 | U | 50 | U | 50 | | |
| 2,4-DINITROTOLUENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 2,6-DINITROTOLUENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | J | 7 | U | 10 | U | 10 |
| 2-CHLORONAPHTHALENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 2-CHLOROPHENOL | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 2-CYCLOHEXEN-1-ONE | | ug/L | | | | | | | | | J | 8 | | |
| 2-ETHENYLNAPHTHALENE | | ug/L | | | | | | | J | 56 | | | | |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-METHYLNAPHTHALENE | 10 | ug/L | U | 10 | | | U | 10 | | 12 | U | 10 | | |
| 2-METHYLPHENOL | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 2-NITROANILINE | 50 | ug/L | U | 50 | | | U | 50 | U | 50 | U | 50 | | |
| 2-NITROPHENOL | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 3,3'-DICHLOROBENZIDINE | 20 | ug/L | U | 20 | | | U | 20 | U | 20 | U | 20 | | |
| 3-NITROANILINE | 50 | ug/L | U | 50 | | | U | 50 | U | 50 | U | 50 | | |
| 4,6-DINITRO-2-METHYLPHENOL | 50 | ug/L | U | 50 | | | U | 50 | U | 50 | U | 50 | | |
| 4-BROMOPHENYL-PHENYL ETHER | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 4-CHLORO-3-METHYLPHENOL | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 4-CHLOROANILINE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 4-CHLOROPHENYL-PHENYL ETHER | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |

Table 7-3
Site 4 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W04-12(A2) | | W04-13(B2) | | W04-13(B2) | | W04-14(A1) | | W04-15(A1) | | W04-16(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1683 | | MOF1679 | | MOF1680 | | MOF1641 | | MOF1673 | | MOF1638 | |
| Sample Type==========> | | | DUP | | TB | | ORIG | | ORIG | | ORIG | | TB | |
| Sample Date==========> | | | 05/29/91 | | 05/29/91 | | 05/29/91 | | 05/22/91 | | 05/28/91 | | 05/22/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYLPHENOL | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| 4-NITROANILINE | 50 | ug/L | U | 50 | | | U | 50 | U | 50 | U | 50 | | |
| 4-NITROPHENOL | 50 | ug/L | U | 50 | | | U | 50 | U | 50 | U | 50 | | |
| ACENAPHTHENE | 10 | ug/L | U | 10 | | | U | 10 | J | 5 | U | 10 | | |
| ACENAPHTHYLENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| ACETONE | 10 | ug/L | J | 4 | U | 10 | U | 10 | J | 5 | J | 5 | U | 10 |
| ANTHRACENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| AROCLOR-1016 | 0.5 | ug/L | U | 0.5 | | | U | 0.5 | U | 0.5 | U | 0.5 | | |
| AROCLOR-1221 | 0.5 | ug/L | U | 0.5 | | | U | 0.5 | U | 0.5 | U | 0.5 | | |
| AROCLOR-1232 | 0.5 | ug/L | U | 0.5 | | | U | 0.5 | U | 0.5 | U | 0.5 | | |
| AROCLOR-1242 | 0.5 | ug/L | U | 0.5 | | | U | 0.5 | U | 0.5 | U | 0.5 | | |
| AROCLOR-1248 | 0.5 | ug/L | U | 0.5 | | | U | 0.5 | U | 0.5 | U | 0.5 | | |
| AROCLOR-1254 | 1.0 | ug/L | U | 1 | | | U | 1 | U | 1 | U | 1 | | |
| AROCLOR-1260 | 1.0 | ug/L | U | 1 | | | U | 1 | U | 1 | U | 1 | | |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BENZO(A)ANTHRACENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| BENZO(A)PYRENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| BENZO(B)FLUORANTHENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| BENZO(G,H,I)PERYLENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| BENZO(K)FLUORANTHENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| BENZOIC ACID | 50 | ug/L | U | 50 | | | U | 50 | U | 50 | U | 50 | | |
| BENZYL ALCOHOL | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| BIS(2-CHLOROETHOXY)METHANE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| BIS(2-CHLOROETHYL)ETHER | 10 | ug/L | U | 10 | | | U | 10 | J | 4 | U | 10 | | |
| BIS(2-CHLOROISOPROPYL)ETHER | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | J | 8 | | | U | 10 | U | 10 | | 110 | | |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| BUTYL BENZYL PHTHALATE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | J | 4 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHRYSENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |

Table 7-3
Site 4 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W04-12(A2) | | W04-13(B2) | | W04-13(B2) | | W04-14(A1) | | W04-15(A1) | | W04-16(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1683 | | MOF1679 | | MOF1680 | | MOF1641 | | MOF1673 | | MOF1638 | |
| Sample Type==========> | | | DUP | | TB | | ORIG | | ORIG | | ORIG | | TB | |
| Sample Date==========> | | | 05/29/91 | | 05/29/91 | | 05/29/91 | | 05/22/91 | | 05/28/91 | | 05/22/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DI-N-BUTYLPHTHALATE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| DI-N-OCTYLPHTHALATE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| DIBENZO(A,H)ANTHRACENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| DIBENZOFURAN | 10 | ug/L | U | 10 | | | U | 10 | J | 9 | U | 10 | | |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIETHYL BENZENE ISOMER | | ug/L | | | | | | | J | 34 | | | | |
| DIETHYLPHTHALATE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| DIMETHYL NAPHTHALENE ISOMER | | ug/L | | | | | | | J | 16 | | | | |
| DIMETHYLPHTHALATE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| ETHYL-DIMETHYL-BENZENE ISOMER | | ug/L | | | | | | | J | 28 | | | | |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | J | 1 | U | 5 | U | 5 |
| FLUORANTHENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| FLUORENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| HEXACHLOROBENZENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| HEXACHLOROBUTADIENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| HEXACHLOROCYCLOPENTADIENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| HEXACHLOROETHANE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| INDENO(1,2,3-C,D)PYRENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| ISOPHORONE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 1 | U | 5 | BJ | 1 | BJ | 1 | BJ | 1 | BJ | 1 |
| METHYLNAPHTHALENE ISOMER | | ug/L | | | | | | | J | 30 | | | | |
| METHYLPROPYL BENZENE ISOMER | | ug/L | | | | | | | J | 40 | | | | |
| N-NITROSO-DI-N-PROPYLAMINE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| N-NITROSODIPHENYLAMINE (1) | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| NAPHTHALENE | 10 | ug/L | U | 10 | | | U | 10 | | 22 | U | 10 | | |
| NITROBENZENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| PENTACHLOROPHENOL | 50 | ug/L | U | 50 | | | U | 50 | U | 50 | U | 50 | | |
| PHENANTHRENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| PHENOL | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| PYRENE | 10 | ug/L | U | 10 | | | U | 10 | U | 10 | U | 10 | | |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | | 10 | U | 5 |
| TETRAMETHYLBENZENE ISOMER | | ug/L | | | | | | | J | 110 | | | | |
| TETRAMETHYLBUTYL PHENOL ISOMER | | ug/L | | | | | | | J | 140 | | | | |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | J | 2 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | | 14 | U | 5 |

Table 7-3
Site 4 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Compounds | Quantitation limits | Units | W04-12(A2) | W04-13(B2) | W04-13(B2) | W04-14(A1) | W04-15(A1) | W04-16(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number | | | MOF1683 | MOF1679 | MOF1680 | MOF1641 | MOF1673 | MOF1638 |
| Sample Type | | | DUP | TB | ORIG | ORIG | ORIG | TB |
| Sample Date | | | 05/29/91 | 05/29/91 | 05/29/91 | 05/22/91 | 05/28/91 | 05/22/91 |
| TRIMETHYLBENZENE ISOMER | | ug/L | | | | J 22 | | |
| UNKNOWN | | ug/L | J 8 | | | J 18 | J 12 | |
| UNKNOWN ALCOHOL | | ug/L | | | | | J 10 | |
| UNKNOWN ALKYL BENZENE | | ug/L | | | | J 28 | | |
| UNKNOWN AROMATIC HYDROCARBON | | ug/L | | | | J 16 | | |
| UNKNOWN DIHYDROMETHYL IND | | ug/L | | | | J 60 | | |
| VINYL ACETATE | 10 | ug/L | U 10 | U 10 | U 10 | U 10 | U 10 | U 10 |
| VINYL CHLORIDE | 10 | ug/L | U 10 | U 10 | U 10 | U 10 | U 10 | U 10 |
| XYLENES (TOTAL) | 5 | ug/L | U 5 | U 5 | U 5 | J 3 | U 5 | U 5 |

Table 7-3
Site 4 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number | | | W04-16(A1) | | W04-17(A1) | |
|---|---|---|---|---|---|---|
| Sample Number | | | MOF1645 | | MOF1684 | |
| Sample Type | | | ORIG | | ORIG | |
| Sample Date | | | 05/22/91 | | 05/29/91 | |
| Compounds | Quantitation limits | Units | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | J | 2 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 |
| 1,2,4-TRICHLOROBENZENE | 10 | ug/L | U | 10 | U | 10 |
| 1,2-DICHLOROBENZENE | 10 | ug/L | U | 10 | U | 10 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 |
| 1,3-DICHLOROBENZENE | 10 | ug/L | U | 10 | U | 10 |
| 1,4-DICHLOROBENZENE | 10 | ug/L | U | 10 | U | 10 |
| 1H-BENZOTRIAZOLE | | ug/L | J | 34 | | |
| 2,4,5-TRICHLOROPHENOL | 50 | ug/L | U | 50 | U | 50 |
| 2,4,6-TRICHLOROPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 2,4-DICHLOROPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 2,4-DIMETHYLPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 2,4-DINITROPHENOL | 50 | ug/L | U | 50 | U | 50 |
| 2,4-DINITROTOLUENE | 10 | ug/L | U | 10 | U | 10 |
| 2,6-DINITROTOLUENE | 10 | ug/L | U | 10 | U | 10 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 |
| 2-CHLORONAPHTHALENE | 10 | ug/L | U | 10 | U | 10 |
| 2-CHLOROPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 2-CYCLOHEXEN-1-ONE | | ug/L | J | 8 | | |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 |
| 2-METHYLNAPHTHALENE | 10 | ug/L | U | 10 | U | 10 |
| 2-METHYLPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 2-NITROANILINE | 50 | ug/L | U | 50 | U | 50 |
| 2-NITROPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 3,3'-DICHLOROBENZIDINE | 20 | ug/L | U | 20 | U | 20 |
| 3-NITROANILINE | 50 | ug/L | U | 50 | U | 50 |
| 4,6-DINITRO-2-METHYLPHENOL | 50 | ug/L | U | 50 | U | 50 |
| 4-BROMOPHENYL-PHENYL ETHER | 10 | ug/L | U | 10 | U | 10 |
| 4-CHLORO-3-METHYLPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 4-CHLOROANILINE | 10 | ug/L | U | 10 | U | 10 |
| 4-CHLOROPHENYL-PHENYL ETHER | 10 | ug/L | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 |

Table 7-3
Site 4 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number | | | W04-16(A1) | | W04-17(A1) | |
|---|---|---|---|---|---|---|
| Sample Number | | | MOF1645 | | MOF1684 | |
| Sample Type | | | ORIG | | ORIG | |
| Sample Date | | | 05/22/91 | | 05/29/91 | |
| Compounds | Quantitation limits | Units | | | | |
| 4-METHYLPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 4-NITROANILINE | 50 | ug/L | U | 50 | U | 50 |
| 4-NITROPHENOL | 50 | ug/L | U | 50 | U | 50 |
| ACENAPHTHENE | 10 | ug/L | U | 10 | U | 10 |
| ACENAPHTHYLENE | 10 | ug/L | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | J | 2 | J | 3 |
| ANTHRACENE | 10 | ug/L | U | 10 | U | 10 |
| AROCLOR-1016 | 0.5 | ug/L | U | 0.5 | U | 0.5 |
| AROCLOR-1221 | 0.5 | ug/L | U | 0.5 | U | 0.5 |
| AROCLOR-1232 | 0.5 | ug/L | U | 0.5 | U | 0.5 |
| AROCLOR-1242 | 0.5 | ug/L | U | 0.5 | U | 0.5 |
| AROCLOR-1248 | 0.5 | ug/L | U | 0.5 | U | 0.5 |
| AROCLOR-1254 | 1.0 | ug/L | U | 1 | U | 1 |
| AROCLOR-1260 | 1.0 | ug/L | U | 1 | U | 1 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 |
| BENZO(A)ANTHRACENE | 10 | ug/L | U | 10 | U | 10 |
| BENZO(A)PYRENE | 10 | ug/L | U | 10 | U | 10 |
| BENZO(B)FLUORANTHENE | 10 | ug/L | U | 10 | U | 10 |
| BENZO(G,H,I)PERYLENE | 10 | ug/L | U | 10 | U | 10 |
| BENZO(K)FLUORANTHENE | 10 | ug/L | U | 10 | U | 10 |
| BENZOIC ACID | 50 | ug/L | U | 50 | U | 50 |
| BENZYL ALCOHOL | 10 | ug/L | U | 10 | U | 10 |
| BIS(2-CHLOROETHOXY)METHANE | 10 | ug/L | U | 10 | U | 10 |
| BIS(2-CHLOROETHYL)ETHER | 10 | ug/L | U | 10 | U | 10 |
| BIS(2-CHLOROISOPROPYL)ETHER | 10 | ug/L | U | 10 | U | 10 |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | U | 10 | | 95 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 |
| BUTYL BENZYL PHTHALATE | 10 | ug/L | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 |
| CHRYSENE | 10 | ug/L | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 |

Table 7-3
Site 4 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number | | | W04-16(A1) | | W04-17(A1) | |
|---|---|---|---|---|---|---|
| Sample Number | | | MOF1645 | | MOF1684 | |
| Sample Type | | | ORIG | | ORIG | |
| Sample Date | | | 05/22/91 | | 05/29/91 | |
| Compounds | Quantitation limits | Units | | | | |
| DI-N-BUTYLPHTHALATE | 10 | ug/L | U | 10 | U | 10 |
| DI-N-OCTYLPHTHALATE | 10 | ug/L | U | 10 | U | 10 |
| DIBENZO(A,H)ANTHRACENE | 10 | ug/L | U | 10 | U | 10 |
| DIBENZOFURAN | 10 | ug/L | U | 10 | U | 10 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 |
| DIETHYLPHTHALATE | 10 | ug/L | U | 10 | U | 10 |
| DIMETHYLPHTHALATE | 10 | ug/L | U | 10 | U | 10 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 |
| FLUORANTHENE | 10 | ug/L | U | 10 | U | 10 |
| FLUORENE | 10 | ug/L | U | 10 | U | 10 |
| HEXACHLOROBENZENE | 10 | ug/L | U | 10 | U | 10 |
| HEXACHLOROBUTADIENE | 10 | ug/L | U | 10 | U | 10 |
| HEXACHLOROCYCLOPENTADIENE | 10 | ug/L | U | 10 | U | 10 |
| HEXACHLOROETHANE | 10 | ug/L | U | 10 | U | 10 |
| INDENO(1,2,3-C,D)PYRENE | 10 | ug/L | U | 10 | U | 10 |
| ISOPHORONE | 10 | ug/L | U | 10 | U | 10 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 2 | U | 5 |
| N-NITROSO-DI-N-PROPYLAMINE | 10 | ug/L | U | 10 | U | 10 |
| N-NITROSODIPHENYLAMINE (1) | 10 | ug/L | U | 10 | U | 10 |
| NAPHTHALENE | 10 | ug/L | U | 10 | U | 10 |
| NITROBENZENE | 10 | ug/L | U | 10 | U | 10 |
| PENTACHLOROPHENOL | 50 | ug/L | U | 50 | U | 50 |
| PHENANTHRENE | 10 | ug/L | U | 10 | U | 10 |
| PHENOL | 10 | ug/L | U | 10 | U | 10 |
| PYRENE | 10 | ug/L | U | 10 | U | 10 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 |
| UNKNOWN | | ug/L | J | 170 | J | 12 |
| UNKNOWN ALCOHOL | | ug/L | J | 52 | | |
| UNKNOWN ALKYLOXYPROPANOL | | ug/L | J | 130 | | |
| UNKNOWN CYCLOALKANE | | ug/L | J | 8 | | |
| UNKNOWN INDOLE | | ug/L | J | 160 | | |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 |

# Inorganic Data

Table 7-3
Site 4 - Results of Water Sample Analyses (Inorganic)
NAS Moffett Field

| Well Number==========> | | | W04-11(A1) | | W04-12(A2) | | W04-12(A2) | | W04-13(B2) | | W04-14(A1) | | W04-15(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1670 | | MOF1682 | | MOF1683 | | MOF1680 | | MOF1641 | | MOF1673 | |
| Sample Type==========> | | | ORIG | | ORIG | | DUP | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/28/91 | | 05/29/91 | | 05/29/91 | | 05/29/91 | | 05/22/91 | | 05/28/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| ALUMINUM | 200 | ug/L | B | 106 | B | 56.5 | B | 78.3 | B | 63.4 | B | 132 | B | 46.3 |
| ANTIMONY | 60 | ug/L | U | 18.0 | U | 18.0 | U | 18.0 | U | 18.0 | U | 19.0 | U | 18.0 |
| ARSENIC | 10 | ug/L | U | 1.0 | U | 1.0 | U | 1.0 | B | 3.6 | | 12.9 | U | 1.0 |
| BARIUM | 200 | ug/L | B | 67.3 | B | 67.3 | B | 64.4 | B | 94.1 | B | 172 | B | 69.1 |
| BERYLLIUM | 5 | ug/L | U | 1.0 | U | 1.0 | B | 1.1 | U | 1.0 | U | 1.0 | U | 1.0 |
| BICARBONATE | 1 | mg/L | | 518 | | 480 | | 478 | | 222 | | 500 | | 512 |
| CADMIUM | 5 | ug/L | U | 2.0 | U | 2.0 | U | 2.0 | | 9.1 | U | 4.0 | U | 2.0 |
| CALCIUM | 5000 | ug/L | | 11800 | | 83500 | | 80900 | | 29500 | | 10700 | | 85800 |
| CARBONATE | 1 | mg/L | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1 | U | 1.0 |
| CHLORIDE | 0.1 | mg/L | | 71.3 | | 37.2 | | 41.6 | | 28.5 | | 30 | | 36.2 |
| CHROMIUM | 10 | ug/L | B | 4.9 | U | 3.0 | U | 3.0 | U | 3.0 | U | 4.0 | U | 3.0 |
| COBALT | 50 | ug/L | U | 3.0 | U | 3.0 | U | 3.0 | U | 3.0 | U | 5.0 | U | 3.0 |
| COPPER | 25 | ug/L | U | 2.0 | B | 6.3 | U | 2.0 | U | 2.0 | U | 6.0 | U | 2.0 |
| FLUORIDE | 100 | mg/L | | 0.36 | | 0.59 | | 0.51 | | 0.35 | | 0.9 | | 0.44 |
| IRON | 100 | ug/L | | 131 | B | 93.9 | B | 52.2 | | 106 | | 1980 | | 227 |
| LEAD | 5 | ug/L | U | 1.0 | U | 1.0 | B | 1.2 | B | 1.0 | U | 1.0 | B | 1.0 |
| MAGNESIUM | 5000 | ug/L | | 85200 | | 91900 | | 91400 | | 10600 | | 79800 | | 78200 |
| MANGANESE | 15 | ug/L | | 597 | | 253 | | 211 | | 55.1 | | 1900 | | 207 |
| MERCURY | 0.2 | ug/L | U | 0.20 | U | 0.20 | U | 0.20 | U | 0.20 | U | 0.20 | U | 0.20 |
| NICKEL | 40 | ug/L | B | 8.7 | U | 7.0 | U | 7.0 | U | 7.0 | U | 9.0 | B | 8.0 |
| NITRATE | 0.1 | mg/L | R | 3.3 | R | 1.4 | R | 1.4 | UR | 0.10 | U | 0.1 | UR | 0.10 |
| POTASSIUM | 5000 | ug/L | U | 260 | B | 1140 | B | 1670 | B | 968 | B | 2730 | B | 538 |
| SELENIUM | 5 | ug/L | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 |
| SILVER | 10 | ug/L | B | 2.2 | B | 2.1 | U | 2.0 | U | 2.0 | B | 5.2 | U | 2.0 |
| SODIUM | 5000 | ug/L | | 69600 | | 90700 | | 87900 | | 76200 | | 62300 | | 69500 |
| SULFATE | 200 | mg/L | | 245 | | 277 | | 303 | | 96.1 | | 220 | | 122 |
| TDS | 10 | mg/L | | 1090 | | 1000 | | 1070 | | 339 | | 890 | | 833 |
| THALLIUM | 10 | ug/L | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 |
| VANADIUM | 50 | ug/L | B | 8.4 | B | 11.3 | B | 13.2 | B | 5.8 | B | 23.2 | B | 6.1 |
| ZINC | 20 | ug/L | | 28.8 | B | 14.1 | B | 11.7 | | 50.1 | B | 13.4 | B | 9.7 |

Table 7-3
Site 4 - Results of Water Sample Analyses (Inorganic)
NAS Moffett Field

| Compounds | Quantitation limits | Units | | | | |
|---|---|---|---|---|---|---|
| Well Number==========> | | | W04-16(A1) | | W04-17(A1) | |
| Sample Number==========> | | | MOF1645 | | MOF1684 | |
| Sample Type==========> | | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/22/91 | | 05/29/91 | |
| ALUMINUM | 200 | ug/L | B | 75.1 | B | 52.9 |
| ANTIMONY | 60 | ug/L | U | 19.0 | U | 18.0 |
| ARSENIC | 10 | ug/L | U | 1.0 | U | 1.0 |
| BARIUM | 200 | ug/L | B | 118 | B | 93.0 |
| BERYLLIUM | 5 | ug/L | U | 1.0 | B | 1.1 |
| BICARBONATE | 1 | mg/L | | 470 | | 496 |
| CADMIUM | 5 | ug/L | U | 4.0 | U | 2.0 |
| CALCIUM | 5000 | ug/L | | 89700 | | 96000 |
| CARBONATE | 1 | mg/L | U | 1 | U | 1.0 |
| CHLORIDE | 0.1 | mg/L | | 80 | | 39.0 |
| CHROMIUM | 10 | ug/L | U | 4.0 | U | 3.0 |
| COBALT | 50 | ug/L | U | 5.0 | U | 3.0 |
| COPPER | 25 | ug/L | U | 6.0 | U | 2.0 |
| FLUORIDE | 100 | mg/L | | 0.3 | | 0.54 |
| IRON | 100 | ug/L | | 106 | B | 23.5 |
| LEAD | 5 | ug/L | | 3.7 | U | 1.0 |
| MAGNESIUM | 5000 | ug/L | | 58400 | | 11300 |
| MANGANESE | 15 | ug/L | | 680 | | 38.9 |
| MERCURY | 0.2 | ug/L | U | 0.20 | U | 0.20 |
| NICKEL | 40 | ug/L | U | 9.0 | U | 7.0 |
| NITRATE | 0.1 | mg/L | U | 0.1 | R | 6.2 |
| POTASSIUM | 5000 | ug/L | B | 1930 | B | 565 |
| SELENIUM | 5 | ug/L | U | 1.0 | U | 1.0 |
| SILVER | 10 | ug/L | U | 3.0 | U | 2.0 |
| SODIUM | 5000 | ug/L | | 61300 | | 80400 |
| SULFATE | 200 | mg/L | | 110 | | 326 |
| TDS | 10 | mg/L | | 730 | | 1140 |
| THALLIUM | 10 | ug/L | U | 1.0 | U | 1.0 |
| VANADIUM | 50 | ug/L | B | 15.2 | B | 13.2 |
| ZINC | 20 | ug/L | B | 5.3 | B | 18.1 |

# B8.0 SITE 5 - ANALYTICAL RESULTS

## B8.1 SITE 5 - ANALYTICAL RESULTS

## SUMMARY TABLES

## NOTES

Phase II samples from NAS Moffett Field have been analyzed in accordance with EPA - CLP protocols and in accordance with the normal QA/QC requirements associated with the program. The data have not yet undergone the validation process described in the EPA Functional Guidelines for Evaluating Inorganic Analyses (July 1988) and the Functional Guidelines for Evaluating Organic Analyses (February 1988). Therefore, the data should be considered preliminary.

For Sites 3 through 7, the following list of 24 compounds comprises the total chlorinated volatile organic compounds (TCVOC):

- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,2-Dichloroethane
- 1,2-Dichloroethane-D4
- 1,2-Dichloroethene
- 1,2-Dichloroethene (total)
- 1,2-Dichloroethylene
- 1,2-Dichloropropane
- Bromodichloromethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- cis-1,3-dichloropropene
- Dibromochloromethane
- Methylene chloride
- Tetrachloroethene
- Trans-1,3-dichloropropene
- Trichloroethene
- Vinyl chloride.

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

FOOTNOTES FOR DATA TABLES (Continued)

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 8-1 Site 5 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W05-05(C) | W05-06(A1) | W05-07(A1) | W05-07(A1) | W05-08(A1) | W05-11(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1567 | MOF1507 | MOF1505 | MOF1508 | MOF1614 | MOF1630 |
| Sample Type==========> | | | ORIG | ORIG | ORIG | TB | ORIG | ORIG |
| Sample Date==========> | | | 05/07/91 | 04/25/91 | 04/25/91 | 04/25/91 | 05/16/91 | 05/20/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| ACETONE | 10 | ug/L | 27 | | J 3 | J 3 | J 4 | J 5 |
| CHLOROFORM | 5 | ug/L | J 4 | | | | | |
| JP-5 | 250 | ug/L | | 90 | | | | |
| METHYLENE CHLORIDE | 5 | ug/L | | | | | BJ 1 | BJ 2 |

Table 8-1 Site 5 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Compounds | Quantitation limits | Units | W05-12(A1) | W05-13(A1) | W05-14(A1) | W05-14(A1) | W05-14(A1) | W05-15(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number | | | MOF1631 | MOF1628 | MOF1509 | MOF1510 | MOF1511 | MOF1512 |
| Sample Type | | | ORIG | ORIG | ORIG | TB | FB | ORIG |
| Sample Date | | | 05/20/91 | 05/20/91 | 04/26/91 | 04/26/91 | 04/26/91 | 04/26/91 |
| ACETONE | 10 | ug/L | | J 8 | | 15 | | |
| BENZENE | 5 | ug/L | | | | J 1 | | |
| JP-5 | 250 | ug/L | | | J 90 | | | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 2 | BJ 3 | BJ 3 | B 5 | BJ 1 | BJ 2 |
| TOLUENE | 5 | ug/L | | | | J 1 | | |
| TOTAL XYLENES | 5 | ug/L | | | | J 2 | | |

Table 8-1 Site 5 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number | | | W05-20(A1) | W05-20(A1) | W05-20(A1) | W05-21(A1) | W05-23(A1) | W05-25(A2) |
|---|---|---|---|---|---|---|---|---|
| Sample Number | | | MOF1629 | MOF1633 | MOF1634 | MOF1637 | MOF1636 | MOF1632 |
| Sample Type | | | TB | ORIG | DUP | ORIG | ORIG | ORIG |
| Sample Date | | | 05/21/91 | 05/21/91 | 05/21/91 | 05/21/91 | 05/21/91 | 05/20/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| ACETONE | 10 | ug/L | 12 | J 5 | J 5 | J 5 | J 6 | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 1 | BJ 3 | BJ 3 | BJ 2 | BJ 2 | BJ 2 |
| TOLUENE | 5 | ug/L | | | | | J 2 | |

Table 8-1 Site 5 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W05-26(B2) | | W05-26(B2) | | W05-27(A1) | |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1626 | | MOF1627 | | MOF1635 | |
| Sample Type==========> | | | TB | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/20/91 | | 05/20/91 | | 05/21/91 | |
| Compounds | Quantitation limits | Units | | | | | | |
| ACETONE | 10 | ug/L | | | J | 5 | | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | | | | | J | 9 |
| JP-5 | 250 | ug/L | | | | | Z | 570 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 1 | BJ | 2 | BJ | 2 |

# Inorganic Data

Table 8-2 Site 5 - Analytical Results Summary
Water Samples, Inorganic Analyses
NAS Moffett Field

| Well Number==========> | | | W05-11(A1) | | W05-12(A1) | | W05-13(A1) | | W05-20(A1) | | W05-20(A1) | | W05-21(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1630 | | MOF1631 | | MOF1628 | | MOF1633 | | MOF1634 | | MOF1637 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | | DUP | | ORIG | |
| Sample Date==========> | | | 05/20/91 | | 05/20/91 | | 05/20/91 | | 05/21/91 | | 05/21/91 | | 05/21/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| ALUMINUM | 200 | ug/L | B | 67.6 | B | 76.2 | B | 64.8 | B | 41.4 | B | 69.5 | B | 99.3 |
| ARSENIC | 10 | ug/L | B | 1.1 | | | B | 1.2 | B | 1.6 | | | | |
| BARIUM | 200 | ug/L | B | 61.6 | B | 90.7 | B | 56.6 | B | 77.0 | B | 77.8 | B | 51.2 |
| BICARBONATE | 1 | mg/L | | 420 | | 430 | | 310 | | 500 | | 500 | | 520 |
| CALCIUM | 5000 | ug/L | | 80800 | | 76800 | | 72200 | | 11100 | | 10600 | | 11800 |
| CHLORIDE | 0.1 | mg/L | | 33 | | 37 | | 32 | | 51 | | 50 | | 55 |
| FLUORIDE | 100 | mg/L | | 0.5 | | 0.5 | | 0.5 | | 0.4 | | 0.4 | | 0.3 |
| IRON | 100 | ug/L | | 189 | B | 99.8 | | 121 | B | 47.8 | B | 78.7 | | 162 |
| LEAD | 5 | ug/L | B | 1.8 | B | 1.4 | B | 1.6 | B | 1.7 | B | 2.3 | | 7.3 |
| MAGNESIUM | 5000 | ug/L | | 58400 | | 56000 | | 48400 | | 69400 | | 65600 | | 75600 |
| MANGANESE | 15 | ug/L | | 150 | | 172 | B | 3.7 | | 32.4 | | 32.6 | | 39.5 |
| MERCURY | 0.2 | ug/L | | 0.54 | | | | | | | | | | |
| NITRATE | 0.1 | mg/L | | 2 | | 2 | | 4 | | 2 | | 2 | | 3 |
| POTASSIUM | 5000 | ug/L | B | 1380 | B | 1980 | B | 944 | B | 669 | B | 1510 | B | 1940 |
| SELENIUM | 5 | ug/L | | | B | 3.2 | B | 1.7 | B | 2.7 | | | | |
| SILVER | 10 | ug/L | | | B | 4.9 | B | 8.1 | B | 4.5 | B | 8.7 | | |
| SODIUM | 5000 | ug/L | | 54800 | | 62000 | | 38700 | | 83500 | | 80300 | | 77500 |
| SULFATE | 200 | mg/L | | 87 | | 77 | | 99 | | 160 | | 150 | | 200 |
| TDS | 10 | mg/L | | 690 | | 650 | | 610 | | 900 | | 860 | | 950 |
| VANADIUM | 50 | ug/L | B | 14.3 | B | 16.1 | B | 12.2 | B | 10.7 | B | 15.2 | B | 17.7 |
| ZINC | 20 | ug/L | B | 19.0 | | 45.0 | B | 7.0 | B | 8.3 | B | 11.2 | B | 11.6 |

Table 8-2 Site 5 - Analytical Results Summary
Water Samples, Inorganic Analyses
NAS Moffett Field

| Well Number==========> | | | W05-23(A1) | | W05-25(A2) | | W05-26(B2) | | W05-27(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1636 | | MOF1632 | | MOF1627 | | MOF1635 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/21/91 | | 05/20/91 | | 05/20/91 | | 05/21/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | |
| ALUMINUM | 200 | ug/L | B | 81.2 | B | 56.6 | B | 58.3 | B | 94.0 |
| ARSENIC | 10 | ug/L | B | 1.4 | B | 2.9 | B | 4.0 | B | 1.0 |
| BARIUM | 200 | ug/L | B | 75.8 | B | 43.7 | B | 34.7 | B | 119 |
| BICARBONATE | 1 | mg/L | | 540 | | 240 | | 240 | | 560 |
| CALCIUM | 5000 | ug/L | | 10300 | | 23500 | | 21300 | | 93500 |
| CHLORIDE | 0.1 | mg/L | | 51 | | 28 | | 24 | | 31 |
| FLUORIDE | 100 | mg/L | | 0.3 | | 0.5 | | 0.5 | | 0.3 |
| IRON | 100 | ug/L | | 171 | | 214 | | 139 | | 437 |
| LEAD | 5 | ug/L | B | 1.9 | | 6.9 | B | 1.3 | B | 1.1 |
| MAGNESIUM | 5000 | ug/L | | 71000 | | 18100 | | 16000 | | 59600 |
| MANGANESE | 15 | ug/L | | 69.5 | | 135 | | 116 | | 488 |
| NITRATE | 0.1 | mg/L | | 2 | | | | | | 0.3 |
| POTASSIUM | 5000 | ug/L | B | 2270 | B | 1930 | B | 1490 | B | 1630 |
| SILVER | 10 | ug/L | B | 4.3 | B | 5.6 | B | 8.1 | | |
| SODIUM | 5000 | ug/L | | 84700 | | 78300 | | 74900 | | 78600 |
| SULFATE | 200 | mg/L | | 160 | | 28 | | 19 | | 44 |
| TDS | 10 | mg/L | | 930 | | 380 | | 380 | | 770 |
| VANADIUM | 50 | ug/L | B | 16.0 | B | 10 | B | 5.3 | B | 15.6 |
| ZINC | 20 | ug/L | B | 6.8 | B | 14.8 | B | 15.0 | B | 18.3 |

## B8.2 SITE 5 - RESULTS OF WATER SAMPLE ANALYSES

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

FOOTNOTES FOR DATA TABLES (Continued)

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 8-3
Site 5 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Compounds | Quantitation limits | Units | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number==========> | | | W05-04(A2) | | W05-04(A2) | | W05-05(C) | | W05-06(A1) | | W05-07(A1) | | W05-07(A1) | |
| Sample Number==========> | | | MOF1528 | | MOF1529 | | MOF1567 | | MOF1507 | | MOF1505 | | MOF1508 | |
| Sample Type==========> | | | ORIG | | TB | | ORIG | | ORIG | | ORIG | | TB | |
| Sample Date==========> | | | 05/01/91 | | 05/01/91 | | 05/07/91 | | 04/25/91 | | 04/25/91 | | 04/25/91 | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | | | | U | 5 | | | | | | |
| 1,2-DICHLOROETHYLENE | | ug/L | U | 5 | U | 5 | | | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 10 | U | 10 | | 27 | U | 10 | J | 3 | J | 3 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | J | 4 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | U | 50 | | | U | 250 | | 90 | U | 50 | | |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | U | 5 | U | 5 | | | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | | | | | U | 5 | | | | | | |

Table 8-3
Site 5 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W05-08(A1) | | W05-09(A1) | | W05-09(A1) | | W05-10(A1) | | W05-11(A1) | | W05-12(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1614 | | MOF1498 | | MOF1499 | | MOF1500 | | MOF1630 | | MOF1631 | |
| Sample Type==========> | | | ORIG | | ORIG | | TB | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/16/91 | | 04/24/91 | | 04/24/91 | | 04/24/91 | | 05/20/91 | | 05/20/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2,4-TRICHLOROBENZENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 1,2-DICHLOROBENZENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | | | | | | | U | 5 | U | 5 |
| 1,2-DICHLOROETHYLENE | | ug/L | | | U | 5 | U | 5 | U | 5 | | | | |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,3-DICHLOROBENZENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 1,4-DICHLOROBENZENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 2,4,5-TRICHLOROPHENOL | 50 | ug/L | | | | | | | | | U | 50 | U | 50 |
| 2,4,6-TRICHLOROPHENOL | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 2,4-DICHLOROPHENOL | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 2,4-DIMETHYLPHENOL | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 2,4-DINITROPHENOL | 50 | ug/L | | | | | | | | | U | 50 | U | 50 |
| 2,4-DINITROTOLUENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 2,6-DINITROTOLUENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-CHLORONAPHTHALENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 2-CHLOROPHENOL | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-METHYLNAPHTHALENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 2-METHYLPHENOL | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 2-NITROANILINE | 50 | ug/L | | | | | | | | | U | 50 | U | 50 |
| 2-NITROPHENOL | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 3,3'-DICHLOROBENZIDINE | 20 | ug/L | | | | | | | | | U | 20 | U | 20 |
| 3-NITROANILINE | 50 | ug/L | | | | | | | | | U | 50 | U | 50 |
| 4,6-DINITRO-2-METHYLPHENOL | 50 | ug/L | | | | | | | | | U | 50 | U | 50 |
| 4-BROMOPHENYL-PHENYL ETHER | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 4-CHLORO-3-METHYLPHENOL | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 4-CHLOROANILINE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 4-CHLOROPHENYL-PHENYL ETHER | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYLPHENOL | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |

Table 8-3
Site 5 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Compounds | Quantitation limits | Units | W05-08(A1) | W05-09(A1) | W05-09(A1) | W05-10(A1) | W05-11(A1) | W05-12(A1) |
|---|---|---|---|---|---|---|---|---|
| Well Number==========> | | | W05-08(A1) | W05-09(A1) | W05-09(A1) | W05-10(A1) | W05-11(A1) | W05-12(A1) |
| Sample Number==========> | | | MOF1614 | MOF1498 | MOF1499 | MOF1500 | MOF1630 | MOF1631 |
| Sample Type==========> | | | ORIG | ORIG | TB | ORIG | ORIG | ORIG |
| Sample Date==========> | | | 05/16/91 | 04/24/91 | 04/24/91 | 04/24/91 | 05/20/91 | 05/20/91 |
| 4-NITROANILINE | 50 | ug/L | | | | | U 50 | U 50 |
| 4-NITROPHENOL | 50 | ug/L | | | | | U 50 | U 50 |
| ACENAPHTHENE | 10 | ug/L | | | | | U 10 | U 10 |
| ACENAPHTHYLENE | 10 | ug/L | | | | | U 10 | U 10 |
| ACETONE | 10 | ug/L | J 4 | U 10 | U 10 | U 10 | J 5 | U 10 |
| ANTHRACENE | 10 | ug/L | | | | | U 10 | U 10 |
| AROCLOR-1016 | 0.5 | ug/L | | | | | U 0.5 | U 0.5 |
| AROCLOR-1221 | 0.5 | ug/L | | | | | U 0.5 | U 0.5 |
| AROCLOR-1232 | 0.5 | ug/L | | | | | U 0.5 | U 0.5 |
| AROCLOR-1242 | 0.5 | ug/L | | | | | U 0.5 | U 0.5 |
| AROCLOR-1248 | 0.5 | ug/L | | | | | U 0.5 | U 0.5 |
| AROCLOR-1254 | 1.0 | ug/L | | | | | U 1 | U 1 |
| AROCLOR-1260 | 1.0 | ug/L | | | | | U 1 | U 1 |
| BENZENE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| BENZO(A)ANTHRACENE | 10 | ug/L | | | | | U 10 | U 10 |
| BENZO(A)PYRENE | 10 | ug/L | | | | | U 10 | U 10 |
| BENZO(B)FLUORANTHENE | 10 | ug/L | | | | | U 10 | U 10 |
| BENZO(G,H,I)PERYLENE | 10 | ug/L | | | | | U 10 | U 10 |
| BENZO(K)FLUORANTHENE | 10 | ug/L | | | | | U 10 | U 10 |
| BENZOIC ACID | 50 | ug/L | | | | | U 50 | U 50 |
| BENZYL ALCOHOL | 10 | ug/L | | | | | U 10 | U 10 |
| BIS(2-CHLOROETHOXY)METHANE | 10 | ug/L | | | | | U 10 | U 10 |
| BIS(2-CHLOROETHYL)ETHER | 10 | ug/L | | | | | U 10 | U 10 |
| BIS(2-CHLOROISOPROPYL)ETHER | 10 | ug/L | | | | | U 10 | U 10 |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | | | | | U 10 | U 10 |
| BROMODICHLOROMETHANE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| BROMOFORM | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| BROMOMETHANE | 10 | ug/L | U 10 | U 10 | U 10 | U 10 | U 10 | U 10 |
| BUTYL BENZYL PHTHALATE | 10 | ug/L | | | | | U 10 | U 10 |
| CARBON DISULFIDE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| CHLOROBENZENE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| CHLOROETHANE | 10 | ug/L | U 10 | U 10 | U 10 | U 10 | U 10 | U 10 |
| CHLOROFORM | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| CHLOROMETHANE | 10 | ug/L | U 10 | U 10 | U 10 | U 10 | U 10 | U 10 |
| CHRYSENE | 10 | ug/L | | | | | U 10 | U 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| DI-N-BUTYLPHTHALATE | 10 | ug/L | | | | | U 10 | U 10 |

Table 8-3
Site 5 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W05-08(A1) | | W05-09(A1) | | W05-09(A1) | | W05-10(A1) | | W05-11(A1) | | W05-12(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1614 | | MOF1498 | | MOF1499 | | MOF1500 | | MOF1630 | | MOF1631 | |
| Sample Type==========> | | | ORIG | | ORIG | | TB | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/16/91 | | 04/24/91 | | 04/24/91 | | 04/24/91 | | 05/20/91 | | 05/20/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| DI-N-OCTYLPHTHALATE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| DIBENZO(A,H)ANTHRACENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| DIBENZOFURAN | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIETHYLPHTHALATE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| DIMETHYLPHTHALATE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| FLUORANTHENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| FLUORENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| HEXACHLOROBENZENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| HEXACHLOROBUTADIENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| HEXACHLOROCYCLOPENTADIENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| HEXACHLOROETHANE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| INDENO(1,2,3-C,D)PYRENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| ISOPHORONE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| JP-5 | 250 | ug/L | U | 250 | U | 50 | | | U | 50 | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 1 | U | 5 | U | 5 | U | 5 | BJ | 2 | BJ | 2 |
| N-NITROSO-DI-N-PROPYLAMINE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| N-NITROSODIPHENYLAMINE (1) | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| NAPHTHALENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| NITROBENZENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| ORGANIC LEAD | 50 | ug/L | | | | | | | | | U | 100 | U | 100 |
| PENTACHLOROPHENOL | 50 | ug/L | | | | | | | | | U | 50 | U | 50 |
| PHENANTHRENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| PHENOL | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| PYRENE | 10 | ug/L | | | | | | | | | U | 10 | U | 10 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | | | U | 5 | U | 5 | U | 5 | | | | |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | | | | | | | U | 5 | U | 5 |

Table 8-3
Site 5 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Compounds | Quantitation limits | Units | W05-13(A1) | | W05-14(A1) | | W05-14(A1) | | W05-14(A1) | | W05-15(A1) | | W05-16(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number | | | MOF1628 | | MOF1509 | | MOF1510 | | MOF1511 | | MOF1512 | | MOF1506 | |
| Sample Type | | | ORIG | | ORIG | | TB | | FB | | ORIG | | ORIG | |
| Sample Date | | | 05/20/91 | | 04/26/91 | | 04/26/91 | | 04/26/91 | | 04/26/91 | | 04/25/91 | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2,4-TRICHLOROBENZENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| 1,2-DICHLOROBENZENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | | | | | | | | | | |
| 1,2-DICHLOROETHYLENE | | ug/L | | | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,3-DICHLOROBENZENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| 1,4-DICHLOROBENZENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| 2,4,5-TRICHLOROPHENOL | 50 | ug/L | U | 50 | | | | | | | | | | |
| 2,4,6-TRICHLOROPHENOL | 10 | ug/L | U | 10 | | | | | | | | | | |
| 2,4-DICHLOROPHENOL | 10 | ug/L | U | 10 | | | | | | | | | | |
| 2,4-DIMETHYLPHENOL | 10 | ug/L | U | 10 | | | | | | | | | | |
| 2,4-DINITROPHENOL | 50 | ug/L | U | 50 | | | | | | | | | | |
| 2,4-DINITROTOLUENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| 2,6-DINITROTOLUENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-CHLORONAPHTHALENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| 2-CHLOROPHENOL | 10 | ug/L | U | 10 | | | | | | | | | | |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-METHYLNAPHTHALENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| 2-METHYLPHENOL | 10 | ug/L | U | 10 | | | | | | | | | | |
| 2-NITROANILINE | 50 | ug/L | U | 50 | | | | | | | | | | |
| 2-NITROPHENOL | 10 | ug/L | U | 10 | | | | | | | | | | |
| 3,3'-DICHLOROBENZIDINE | 20 | ug/L | U | 20 | | | | | | | | | | |
| 3-NITROANILINE | 50 | ug/L | U | 50 | | | | | | | | | | |
| 4,6-DINITRO-2-METHYLPHENOL | 50 | ug/L | U | 50 | | | | | | | | | | |
| 4-BROMOPHENYL-PHENYL ETHER | 10 | ug/L | U | 10 | | | | | | | | | | |
| 4-CHLORO-3-METHYLPHENOL | 10 | ug/L | U | 10 | | | | | | | | | | |
| 4-CHLOROANILINE | 10 | ug/L | U | 10 | | | | | | | | | | |
| 4-CHLOROPHENYL-PHENYL ETHER | 10 | ug/L | U | 10 | | | | | | | | | | |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYLPHENOL | 10 | ug/L | U | 10 | | | | | | | | | | |

Table 8-3
Site 5 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W05-13(A1) | | W05-14(A1) | | W05-14(A1) | | W05-14(A1) | | W05-15(A1) | | W05-16(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1628 | | MOF1509 | | MOF1510 | | MOF1511 | | MOF1512 | | MOF1506 | |
| Sample Type==========> | | | ORIG | | ORIG | | TB | | FB | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/20/91 | | 04/26/91 | | 04/26/91 | | 04/26/91 | | 04/26/91 | | 04/25/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 4-NITROANILINE | 50 | ug/L | U | 50 | | | | | | | | | | |
| 4-NITROPHENOL | 50 | ug/L | U | 50 | | | | | | | | | | |
| ACENAPHTHENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| ACENAPHTHYLENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| ACETONE | 10 | ug/L | J | 8 | U | 10 | | 15 | U | 10 | U | 10 | U | 10 |
| ANTHRACENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| AROCLOR-1016 | 0.5 | ug/L | U | 0.5 | | | | | | | | | | |
| AROCLOR-1221 | 0.5 | ug/L | U | 0.5 | | | | | | | | | | |
| AROCLOR-1232 | 0.5 | ug/L | U | 0.5 | | | | | | | | | | |
| AROCLOR-1242 | 0.5 | ug/L | U | 0.5 | | | | | | | | | | |
| AROCLOR-1248 | 0.5 | ug/L | U | 0.5 | | | | | | | | | | |
| AROCLOR-1254 | 1.0 | ug/L | U | 1 | | | | | | | | | | |
| AROCLOR-1260 | 1.0 | ug/L | U | 1 | | | | | | | | | | |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | J | 1 | U | 5 | U | 5 | U | 5 |
| BENZO(A)ANTHRACENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| BENZO(A)PYRENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| BENZO(B)FLUORANTHENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| BENZO(G,H,I)PERYLENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| BENZO(K)FLUORANTHENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| BENZOIC ACID | 50 | ug/L | U | 50 | | | | | | | | | | |
| BENZYL ALCOHOL | 10 | ug/L | U | 10 | | | | | | | | | | |
| BIS(2-CHLOROETHOXY)METHANE | 10 | ug/L | U | 10 | | | | | | | | | | |
| BIS(2-CHLOROETHYL)ETHER | 10 | ug/L | U | 10 | | | | | | | | | | |
| BIS(2-CHLOROISOPROPYL)ETHER | 10 | ug/L | U | 10 | | | | | | | | | | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | U | 10 | | | | | | | | | | |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| BUTYL BENZYL PHTHALATE | 10 | ug/L | U | 10 | | | | | | | | | | |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHRYSENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DI-N-BUTYLPHTHALATE | 10 | ug/L | U | 10 | | | | | | | | | | |

Table 8-3
Site 5 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W05-13(A1) | | W05-14(A1) | | W05-14(A1) | | W05-14(A1) | | W05-15(A1) | | W05-16(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1628 | | MOF1509 | | MOF1510 | | MOF1511 | | MOF1512 | | MOF1506 | |
| Sample Type==========> | | | ORIG | | ORIG | | TB | | FB | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/20/91 | | 04/26/91 | | 04/26/91 | | 04/26/91 | | 04/26/91 | | 04/25/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| DI-N-OCTYLPHTHALATE | 10 | ug/L | U | 10 | | | | | | | | | | |
| DIBENZO(A,H)ANTHRACENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| DIBENZOFURAN | 10 | ug/L | U | 10 | | | | | | | | | | |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIETHYLPHTHALATE | 10 | ug/L | U | 10 | | | | | | | | | | |
| DIMETHYLPHTHALATE | 10 | ug/L | U | 10 | | | | | | | | | | |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| FLUORANTHENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| FLUORENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| HEXACHLOROBENZENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| HEXACHLOROBUTADIENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| HEXACHLOROCYCLOPENTADIENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| HEXACHLOROETHANE | 10 | ug/L | U | 10 | | | | | | | | | | |
| INDENO(1,2,3-C,D)PYRENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| ISOPHORONE | 10 | ug/L | U | 10 | | | | | | | | | | |
| JP-5 | 250 | ug/L | U | 250 | J | 90 | | | U | 50 | U | 50 | U | 50 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 3 | BJ | 3 | B | 5 | BJ | 1 | BJ | 2 | U | 5 |
| N-NITROSO-DI-N-PROPYLAMINE | 10 | ug/L | U | 10 | | | | | | | | | | |
| N-NITROSODIPHENYLAMINE (1) | 10 | ug/L | U | 10 | | | | | | | | | | |
| NAPHTHALENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| NITROBENZENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| ORGANIC LEAD | 50 | ug/L | U | 100 | | | | | | | | | | |
| PENTACHLOROPHENOL | 50 | ug/L | U | 50 | | | | | | | | | | |
| PHENANTHRENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| PHENOL | 10 | ug/L | U | 10 | | | | | | | | | | |
| PYRENE | 10 | ug/L | U | 10 | | | | | | | | | | |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | J | 1 | U | 5 | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | | | U | 5 | J | 2 | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | | | | | | | | | | |

Table 8-3
Site 5 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W05-17(A1) | | W05-17(A1) | | W05-17(A1) | | W05-17(A1) | | W05-18(A1) | | W05-19(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1502 | | MOF1502MS | | MOF1502MSD | | MOF1503 | | MOF1504 | | MOF1501 | |
| Sample Type==========> | | | ORIG | | MS | | MSD | | DUP | | ORIG | | ORIG | |
| Sample Date==========> | | | 04/25/91 | | 04/25/91 | | 04/25/91 | | 04/25/91 | | 04/25/91 | | 04/25/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHYLENE | | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | | | | | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | | | | | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | | | | | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 10 | | | | | U | 10 | U | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | | | | | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | | | | | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | | | | | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | U | 50 | | | | | U | 50 | U | 50 | U | 50 |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| STYRENE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | | | | | U | 5 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | | | | | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | | | | | U | 10 | U | 10 | U | 10 |

Table 8-3
Site 5 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W05-20(A1) | | W05-20(A1) | | W05-20(A1) | | W05-21(A1) | | W05-23(A1) | | W05-25(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1629 | | MOF1633 | | MOF1634 | | MOF1637 | | MOF1636 | | MOF1632 | |
| Sample Type==========> | | | TB | | ORIG | | DUP | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/21/91 | | 05/21/91 | | 05/21/91 | | 05/21/91 | | 05/21/91 | | 05/20/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2,4-TRICHLOROBENZENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 1,2-DICHLOROBENZENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,3-DICHLOROBENZENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 1,4-DICHLOROBENZENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2,4,5-TRICHLOROPHENOL | 50 | ug/L | | | U | 50 | U | 50 | U | 50 | U | 50 | U | 50 |
| 2,4,6-TRICHLOROPHENOL | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2,4-DICHLOROPHENOL | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2,4-DIMETHYLPHENOL | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2,4-DINITROPHENOL | 50 | ug/L | | | U | 50 | U | 50 | U | 50 | U | 50 | U | 50 |
| 2,4-DINITROTOLUENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2,6-DINITROTOLUENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-CHLORONAPHTHALENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-CHLOROPHENOL | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-METHYLNAPHTHALENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-METHYLPHENOL | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-NITROANILINE | 50 | ug/L | | | U | 50 | U | 50 | U | 50 | U | 50 | U | 50 |
| 2-NITROPHENOL | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 3,3'-DICHLOROBENZIDINE | 20 | ug/L | | | U | 20 | U | 20 | U | 20 | U | 20 | U | 20 |
| 3-NITROANILINE | 50 | ug/L | | | U | 50 | U | 50 | U | 50 | U | 50 | U | 50 |
| 4,6-DINITRO-2-METHYLPHENOL | 50 | ug/L | | | U | 50 | U | 50 | U | 50 | U | 50 | U | 50 |
| 4-BROMOPHENYL-PHENYL ETHER | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-CHLORO-3-METHYLPHENOL | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-CHLOROANILINE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-CHLOROPHENYL-PHENYL ETHER | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYLPHENOL | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-NITROANILINE | 50 | ug/L | | | U | 50 | U | 50 | U | 50 | U | 50 | U | 50 |

Table 8-3
Site 5 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W05-20(A1) | W05-20(A1) | W05-20(A1) | W05-21(A1) | W05-23(A1) | W05-25(A2) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1629 | MOF1633 | MOF1634 | MOF1637 | MOF1636 | MOF1632 |
| Sample Type==========> | | | TB | ORIG | DUP | ORIG | ORIG | ORIG |
| Sample Date==========> | | | 05/21/91 | 05/21/91 | 05/21/91 | 05/21/91 | 05/21/91 | 05/20/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 4-NITROPHENOL | 50 | ug/L | | U 50 | U 50 | U 50 | U 50 | U 50 |
| ACENAPHTHENE | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| ACENAPHTHYLENE | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| ACETONE | 10 | ug/L | 12 | J 5 | J 5 | J 5 | J 6 | U 10 |
| ANTHRACENE | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| AROCLOR-1016 | 0.5 | ug/L | | U 0.5 | U 0.5 | U 0.5 | U 0.5 | U 0.5 |
| AROCLOR-1221 | 0.5 | ug/L | | U 0.5 | U 0.5 | U 0.5 | U 0.5 | U 0.5 |
| AROCLOR-1232 | 0.5 | ug/L | | U 0.5 | U 0.5 | U 0.5 | U 0.5 | U 0.5 |
| AROCLOR-1242 | 0.5 | ug/L | | U 0.5 | U 0.5 | U 0.5 | U 0.5 | U 0.5 |
| AROCLOR-1248 | 0.5 | ug/L | | U 0.5 | U 0.5 | U 0.5 | U 0.5 | U 0.5 |
| AROCLOR-1254 | 1.0 | ug/L | | U 1 | U 1 | U 1 | U 1 | U 1 |
| AROCLOR-1260 | 1.0 | ug/L | | U 1 | U 1 | U 1 | U 1 | U 1 |
| BENZENE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| BENZO(A)ANTHRACENE | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| BENZO(A)PYRENE | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| BENZO(B)FLUORANTHENE | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| BENZO(G,H,I)PERYLENE | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| BENZO(K)FLUORANTHENE | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| BENZOIC ACID | 50 | ug/L | | U 50 | U 50 | U 50 | U 50 | U 50 |
| BENZYL ALCOHOL | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| BIS(2-CHLOROETHOXY)METHANE | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| BIS(2-CHLOROETHYL)ETHER | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| BIS(2-CHLOROISOPROPYL)ETHER | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| BROMODICHLOROMETHANE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| BROMOFORM | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| BROMOMETHANE | 10 | ug/L | U 10 | U 10 | U 10 | U 10 | U 10 | U 10 |
| BUTYL BENZYL PHTHALATE | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| CARBON DISULFIDE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| CHLOROBENZENE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| CHLOROETHANE | 10 | ug/L | U 10 | U 10 | U 10 | U 10 | U 10 | U 10 |
| CHLOROFORM | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| CHLOROMETHANE | 10 | ug/L | U 10 | U 10 | U 10 | U 10 | U 10 | U 10 |
| CHRYSENE | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| DI-N-BUTYLPHTHALATE | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |
| DI-N-OCTYLPHTHALATE | 10 | ug/L | | U 10 | U 10 | U 10 | U 10 | U 10 |

Table 8-3
Site 5 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W05-20(A1) | | W05-20(A1) | | W05-20(A1) | | W05-21(A1) | | W05-23(A1) | | W05-25(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1629 | | MOF1633 | | MOF1634 | | MOF1637 | | MOF1636 | | MOF1632 | |
| Sample Type==========> | | | TB | | ORIG | | DUP | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/21/91 | | 05/21/91 | | 05/21/91 | | 05/21/91 | | 05/21/91 | | 05/20/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| DIBENZO(A,H)ANTHRACENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| DIBENZOFURAN | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIETHYLPHTHALATE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| DIMETHYLPHTHALATE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| FLUORANTHENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| FLUORENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| HEXACHLOROBENZENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| HEXACHLOROBUTADIENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| HEXACHLOROCYCLOPENTADIENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| HEXACHLOROETHANE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| INDENO(1,2,3-C,D)PYRENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| ISOPHORONE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| JP-5 | 250 | ug/L | | | U | 250 | U | 250 | U | 250 | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 1 | BJ | 3 | BJ | 3 | BJ | 2 | BJ | 2 | BJ | 2 |
| N-NITROSO-DI-N-PROPYLAMINE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| N-NITROSODIPHENYLAMINE (1) | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| NAPHTHALENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| NITROBENZENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| ORGANIC LEAD | 50 | ug/L | | | U | 100 | U | 100 | U | 100 | U | 100 | U | 100 |
| PENTACHLOROPHENOL | 50 | ug/L | | | U | 50 | U | 50 | U | 50 | U | 50 | U | 50 |
| PHENANTHRENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| PHENOL | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| PYRENE | 10 | ug/L | | | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | J | 2 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |

Table 8-3
Site 5 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W05-26(B2) | | W05-26(B2) | | W05-27(A1) | |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1626 | | MOF1627 | | MOF1635 | |
| Sample Type==========> | | | TB | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/20/91 | | 05/20/91 | | 05/21/91 | |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| 1,2,4-TRICHLOROBENZENE | 10 | ug/L | | | U | 10 | U | 10 |
| 1,2-DICHLOROBENZENE | 10 | ug/L | | | U | 10 | U | 10 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| 1,3-DICHLOROBENZENE | 10 | ug/L | | | U | 10 | U | 10 |
| 1,4-DICHLOROBENZENE | 10 | ug/L | | | U | 10 | U | 10 |
| 2,4,5-TRICHLOROPHENOL | 50 | ug/L | | | U | 50 | U | 50 |
| 2,4,6-TRICHLOROPHENOL | 10 | ug/L | | | U | 10 | U | 10 |
| 2,4-DICHLOROPHENOL | 10 | ug/L | | | U | 10 | U | 10 |
| 2,4-DIMETHYLPHENOL | 10 | ug/L | | | U | 10 | U | 10 |
| 2,4-DINITROPHENOL | 50 | ug/L | | | U | 50 | U | 50 |
| 2,4-DINITROTOLUENE | 10 | ug/L | | | U | 10 | U | 10 |
| 2,6-DINITROTOLUENE | 10 | ug/L | | | U | 10 | U | 10 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 |
| 2-CHLORONAPHTHALENE | 10 | ug/L | | | U | 10 | U | 10 |
| 2-CHLOROPHENOL | 10 | ug/L | | | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 |
| 2-METHYLNAPHTHALENE | 10 | ug/L | | | U | 10 | U | 10 |
| 2-METHYLPHENOL | 10 | ug/L | | | U | 10 | U | 10 |
| 2-NITROANILINE | 50 | ug/L | | | U | 50 | U | 50 |
| 2-NITROPHENOL | 10 | ug/L | | | U | 10 | U | 10 |
| 3,3'-DICHLOROBENZIDINE | 20 | ug/L | | | U | 20 | U | 20 |
| 3-NITROANILINE | 50 | ug/L | | | U | 50 | U | 50 |
| 4,6-DINITRO-2-METHYLPHENOL | 50 | ug/L | | | U | 50 | U | 50 |
| 4-BROMOPHENYL-PHENYL ETHER | 10 | ug/L | | | U | 10 | U | 10 |
| 4-CHLORO-3-METHYLPHENOL | 10 | ug/L | | | U | 10 | U | 10 |
| 4-CHLOROANILINE | 10 | ug/L | | | U | 10 | U | 10 |
| 4-CHLOROPHENYL-PHENYL ETHER | 10 | ug/L | | | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 |
| 4-METHYLPHENOL | 10 | ug/L | | | U | 10 | U | 10 |
| 4-NITROANILINE | 50 | ug/L | | | U | 50 | U | 50 |

Table 8-3
Site 5 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W05-26(B2) | | W05-26(B2) | | W05-27(A1) | |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1626 | | MOF1627 | | MOF1635 | |
| Sample Type==========> | | | TB | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/20/91 | | 05/20/91 | | 05/21/91 | |
| Compounds | Quantitation limits | Units | | | | | | |
| 4-NITROPHENOL | 50 | ug/L | | | U | 50 | U | 50 |
| ACENAPHTHENE | 10 | ug/L | | | U | 10 | U | 10 |
| ACENAPHTHYLENE | 10 | ug/L | | | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 10 | J | 5 | U | 10 |
| ANTHRACENE | 10 | ug/L | | | U | 10 | U | 10 |
| AROCLOR-1016 | 0.5 | ug/L | | | U | 0.50 | U | 0.5 |
| AROCLOR-1221 | 0.5 | ug/L | | | U | 0.50 | U | 0.5 |
| AROCLOR-1232 | 0.5 | ug/L | | | U | 0.50 | U | 0.5 |
| AROCLOR-1242 | 0.5 | ug/L | | | U | 0.50 | U | 0.5 |
| AROCLOR-1248 | 0.5 | ug/L | | | U | 0.50 | U | 0.5 |
| AROCLOR-1254 | 1.0 | ug/L | | | U | 1.00 | U | 1 |
| AROCLOR-1260 | 1.0 | ug/L | | | U | 1.00 | U | 1 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| BENZO(A)ANTHRACENE | 10 | ug/L | | | U | 10 | U | 10 |
| BENZO(A)PYRENE | 10 | ug/L | | | U | 10 | U | 10 |
| BENZO(B)FLUORANTHENE | 10 | ug/L | | | U | 10 | U | 10 |
| BENZO(G,H,I)PERYLENE | 10 | ug/L | | | U | 10 | U | 10 |
| BENZO(K)FLUORANTHENE | 10 | ug/L | | | U | 10 | U | 10 |
| BENZOIC ACID | 50 | ug/L | | | U | 50 | U | 50 |
| BENZYL ALCOHOL | 10 | ug/L | | | U | 10 | U | 10 |
| BIS(2-CHLOROETHOXY)METHANE | 10 | ug/L | | | U | 10 | U | 10 |
| BIS(2-CHLOROETHYL)ETHER | 10 | ug/L | | | U | 10 | U | 10 |
| BIS(2-CHLOROISOPROPYL)ETHER | 10 | ug/L | | | U | 10 | U | 10 |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | | | U | 10 | J | 9 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 |
| BUTYL BENZYL PHTHALATE | 10 | ug/L | | | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 |
| CHRYSENE | 10 | ug/L | | | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| DI-N-BUTYLPHTHALATE | 10 | ug/L | | | U | 10 | U | 10 |
| DI-N-OCTYLPHTHALATE | 10 | ug/L | | | U | 10 | U | 10 |

Table 8-3
Site 5 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W05-26(B2) | | W05-26(B2) | | W05-27(A1) | |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1626 | | MOF1627 | | MOF1635 | |
| Sample Type==========> | | | TB | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/20/91 | | 05/20/91 | | 05/21/91 | |
| Compounds | Quantitation limits | Units | | | | | | |
| DIBENZO(A,H)ANTHRACENE | 10 | ug/L | | | U | 10 | U | 10 |
| DIBENZOFURAN | 10 | ug/L | | | U | 10 | U | 10 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| DIETHYLPHTHALATE | 10 | ug/L | | | U | 10 | U | 10 |
| DIMETHYLPHTHALATE | 10 | ug/L | | | U | 10 | U | 10 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| FLUORANTHENE | 10 | ug/L | | | U | 10 | U | 10 |
| FLUORENE | 10 | ug/L | | | U | 10 | U | 10 |
| HEXACHLOROBENZENE | 10 | ug/L | | | U | 10 | U | 10 |
| HEXACHLOROBUTADIENE | 10 | ug/L | | | U | 10 | U | 10 |
| HEXACHLOROCYCLOPENTADIENE | 10 | ug/L | | | U | 10 | U | 10 |
| HEXACHLOROETHANE | 10 | ug/L | | | U | 10 | U | 10 |
| INDENO(1,2,3-C,D)PYRENE | 10 | ug/L | | | U | 10 | U | 10 |
| ISOPHORONE | 10 | ug/L | | | U | 10 | U | 10 |
| JP-5 | 250 | ug/L | | | U | 250 | Z | 570 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 1 | BJ | 2 | BJ | 2 |
| N-NITROSO-DI-N-PROPYLAMINE | 10 | ug/L | | | U | 10 | U | 10 |
| N-NITROSODIPHENYLAMINE (1) | 10 | ug/L | | | U | 10 | U | 10 |
| NAPHTHALENE | 10 | ug/L | | | U | 10 | U | 10 |
| NITROBENZENE | 10 | ug/L | | | U | 10 | U | 10 |
| ORGANIC LEAD | 50 | ug/L | | | U | 100 | U | 100 |
| PENTACHLOROPHENOL | 50 | ug/L | | | U | 50 | U | 50 |
| PHENANTHRENE | 10 | ug/L | | | U | 10 | U | 10 |
| PHENOL | 10 | ug/L | | | U | 10 | U | 10 |
| PYRENE | 10 | ug/L | | | U | 10 | U | 10 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 |

# Inorganic Data

Table 8-3
Site 5 - Results of Water Sample Analyses (Inorganic)
NAS Moffett Field

| Well Number==========> | | | W05-11(A1) | | W05-12(A1) | | W05-13(A1) | | W05-20(A1) | | W05-20(A1) | | W05-21(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1630 | | MOF1631 | | MOF1628 | | MOF1633 | | MOF1634 | | MOF1637 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | | DUP | | ORIG | |
| Sample Date==========> | | | 05/20/91 | | 05/20/91 | | 05/20/91 | | 05/21/91 | | 05/21/91 | | 05/21/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| ALUMINUM | 200 | ug/L | B | 67.6 | B | 76.2 | B | 64.8 | B | 41.4 | B | 69.5 | B | 99.3 |
| ANTIMONY | 60 | ug/L | U | 19.0 | U | 19.0 | U | 19.0 | U | 19.0 | U | 19.0 | U | 19.0 |
| ARSENIC | 10 | ug/L | B | 1.1 | U | 1.0 | B | 1.2 | B | 1.6 | U | 1.0 | U | 1.0 |
| BARIUM | 200 | ug/L | B | 61.6 | B | 90.7 | B | 56.6 | B | 77.0 | B | 77.8 | B | 51.2 |
| BERYLLIUM | 5 | ug/L | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 |
| BICARBONATE | 1 | mg/L | | 420 | | 430 | | 310 | | 500 | | 500 | | 520 |
| CADMIUM | 5 | ug/L | U | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 |
| CALCIUM | 5000 | ug/L | | 80800 | | 76800 | | 72200 | | 11100 | | 10600 | | 11800 |
| CARBONATE | 1 | mg/L | U | 1 | U | 1 | U | 1 | U | 1 | U | 1 | U | 1 |
| CHLORIDE | 0.1 | mg/L | | 33 | | 37 | | 32 | | 51 | | 50 | | 55 |
| CHROMIUM | 10 | ug/L | U | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 |
| COBALT | 50 | ug/L | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| COPPER | 25 | ug/L | U | 6.0 | U | 6.0 | U | 6.0 | U | 6.0 | U | 6.0 | U | 6.0 |
| FLUORIDE | 100 | mg/L | | 0.5 | | 0.5 | | 0.5 | | 0.4 | | 0.4 | | 0.3 |
| IRON | 100 | ug/L | | 189 | B | 99.8 | | 121 | B | 47.8 | B | 78.7 | | 162 |
| LEAD | 5 | ug/L | B | 1.8 | B | 1.4 | B | 1.6 | B | 1.7 | B | 2.3 | | 7.3 |
| MAGNESIUM | 5000 | ug/L | | 58400 | | 56000 | | 48400 | | 69400 | | 65600 | | 75600 |
| MANGANESE | 15 | ug/L | | 150 | | 172 | B | 3.7 | | 32.4 | | 32.6 | | 39.5 |
| MERCURY | 0.2 | ug/L | | 0.54 | U | 0.20 | U | 0.20 | U | 0.20 | U | 0.20 | U | 0.20 |
| NICKEL | 40 | ug/L | U | 9.0 | U | 9.0 | U | 9.0 | U | 9.0 | U | 9.0 | U | 9.0 |
| NITRATE | 0.1 | mg/L | | 2 | | 2 | | 4 | | 2 | | 2 | | 3 |
| POTASSIUM | 5000 | ug/L | B | 1380 | B | 1980 | B | 944 | B | 669 | B | 1510 | B | 1940 |
| SELENIUM | 5 | ug/L | U | 1.0 | B | 3.2 | B | 1.7 | B | 2.7 | U | 1.0 | U | 1.0 |
| SILVER | 10 | ug/L | U | 3.0 | B | 4.9 | B | 8.1 | B | 4.5 | B | 8.7 | U | 3.0 |
| SODIUM | 5000 | ug/L | | 54800 | | 62000 | | 38700 | | 83500 | | 80300 | | 77500 |
| SULFATE | 200 | mg/L | | 87 | | 77 | | 99 | | 160 | | 150 | | 200 |
| TDS | 10 | mg/L | | 690 | | 650 | | 610 | | 900 | | 860 | | 950 |
| THALLIUM | 10 | ug/L | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 |
| VANADIUM | 50 | ug/L | B | 14.3 | B | 16.1 | B | 12.2 | B | 10.7 | B | 15.2 | B | 17.7 |
| ZINC | 20 | ug/L | B | 19.0 | | 45.0 | B | 7.0 | B | 8.3 | B | 11.2 | B | 11.6 |

Table 8-3
Site 5 - Results of Water Sample Analyses (Inorganic)
NAS Moffett Field

| Compounds | Quantitation limits | Units | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number==========> | | | W05-23(A1) | | | W05-25(A2) | | | W05-26(B2) | | | W05-27(A1) |
| Sample Number==========> | | | MOF1636 | | | MOF1632 | | | MOF1627 | | | MOF1635 |
| Sample Type==========> | | | ORIG | | | ORIG | | | ORIG | | | ORIG |
| Sample Date==========> | | | 05/21/91 | | | 05/20/91 | | | 05/20/91 | | | 05/21/91 |
| ALUMINUM | 200 | ug/L | B | 81.2 | B | 56.6 | B | 58.3 | B | 94.0 |
| ANTIMONY | 60 | ug/L | U | 19.0 | U | 19.0 | U | 19.0 | U | 19.0 |
| ARSENIC | 10 | ug/L | B | 1.4 | B | 2.9 | B | 4.0 | B | 1.0 |
| BARIUM | 200 | ug/L | B | 75.8 | B | 43.7 | B | 34.7 | B | 119 |
| BERYLLIUM | 5 | ug/L | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 |
| BICARBONATE | 1 | mg/L | | 540 | | 240 | | 240 | | 560 |
| CADMIUM | 5 | ug/L | U | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 |
| CALCIUM | 5000 | ug/L | | 10300 | | 23500 | | 21300 | | 93500 |
| CARBONATE | 1 | mg/L | U | 1 | U | 1 | U | 1 | U | 1 |
| CHLORIDE | 0.1 | mg/L | | 51 | | 28 | | 24 | | 31 |
| CHROMIUM | 10 | ug/L | U | 4.0 | U | 4.0 | U | 4.0 | U | 4.0 |
| COBALT | 50 | ug/L | U | 5.0 | U | 5.0 | U | 5.0 | U | 5.0 |
| COPPER | 25 | ug/L | U | 6.0 | U | 6.0 | U | 6.0 | U | 6.0 |
| FLUORIDE | 100 | mg/L | | 0.3 | | 0.5 | | 0.5 | | 0.3 |
| IRON | 100 | ug/L | | 171 | | 214 | | 139 | | 437 |
| LEAD | 5 | ug/L | B | 1.9 | | 6.9 | B | 1.3 | B | 1.1 |
| MAGNESIUM | 5000 | ug/L | | 71000 | | 18100 | | 16000 | | 59600 |
| MANGANESE | 15 | ug/L | | 69.5 | | 135 | | 116 | | 488 |
| MERCURY | 0.2 | ug/L | U | 0.20 | U | 0.20 | U | 0.20 | U | 0.20 |
| NICKEL | 40 | ug/L | U | 9.0 | U | 9.0 | U | 9.0 | U | 9.0 |
| NITRATE | 0.1 | mg/L | | 2 | U | 0.1 | U | 0.1 | | 0.3 |
| POTASSIUM | 5000 | ug/L | B | 2270 | B | 1930 | B | 1490 | B | 1630 |
| SELENIUM | 5 | ug/L | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 |
| SILVER | 10 | ug/L | B | 4.3 | B | 5.6 | B | 8.1 | U | 3.0 |
| SODIUM | 5000 | ug/L | | 84700 | | 78300 | | 74900 | | 78600 |
| SULFATE | 200 | mg/L | | 160 | | 28 | | 19 | | 44 |
| TDS | 10 | mg/L | | 930 | | 380 | | 380 | | 770 |
| THALLIUM | 10 | ug/L | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 |
| VANADIUM | 50 | ug/L | B | 16.0 | B | 10 | B | 5.3 | B | 15.6 |
| ZINC | 20 | ug/L | B | 6.8 | B | 14.8 | B | 15.0 | B | 18.3 |

# B9.0 SITE 6 - ANALYTICAL RESULTS

# B9.1 SITE 6 - ANALYTICAL RESULTS

## SUMMARY TABLES

## NOTES

Phase II samples from NAS Moffett Field have been analyzed in accordance with EPA - CLP protocols and in accordance with the normal QA/QC requirements associated with the program. The data have not yet undergone the validation process described in the EPA Functional Guidelines for Evaluating Inorganic Analyses (July 1988) and the Functional Guidelines for Evaluating Organic Analyses (February 1988). Therefore, the data should be considered preliminary.

For Sites 3 through 7, the following list of 24 compounds comprises the total chlorinated volatile organic compounds (TCVOC):

- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,2-Dichloroethane
- 1,2-Dichloroethane-D4
- 1,2-Dichloroethene
- 1,2-Dichloroethene (total)
- 1,2-Dichloroethylene
- 1,2-Dichloropropane
- Bromodichloromethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- cis-1,3-dichloropropene
- Dibromochloromethane
- Methylene chloride
- Tetrachloroethene
- Trans-1,3-dichloropropene
- Trichloroethene
- Vinyl chloride.

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

FOOTNOTES FOR DATA TABLES (Continued)

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 9-1 Site 6 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W06-02(A2) | W06-03(A1) | W06-08(A2) | W06-09(A1) | W06-10(A1) | W06-10(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1552 | MOF1543 | MOF1681 | MOF1674 | MOF1660 | MOF1661 |
| Sample Type==========> | | | ORIG | ORIG | ORIG | ORIG | TB | FB |
| Sample Date==========> | | | 05/06/91 | 05/03/91 | 05/29/91 | 05/28/91 | 05/24/91 | 05/24/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | J 3 | J 2 | | J 2 | | |
| ACETONE | 10 | ug/L | J 2 | B 10 | J 3 | J 3 | | J 4 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 3 | BJ 2 | BJ 1 | BJ 1 | BJ 4 | BJ 1 |
| TETRACHLOROETHENE | 5 | ug/L | | | | J 4 | | |
| TRICHLOROETHENE | 5 | ug/L | J 1 | J 3 | J 2 | 6 | | |

Table 9-1 Site 6 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| | | | | |
|---|---|---|---|---|
| Well Number==========> | | | W06-10(A1) | W06-10(A1) |
| Sample Number==========> | | | MOF1662 | MOF1663 |
| Sample Type==========> | | | ORIG | DUP |
| Sample Date==========> | | | 05/24/91 | 05/24/91 |
| Compounds | Quantitation limits | Units | | |
| ACETONE | 10 | ug/L | J 4 | J 3 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 1 | BJ 1 |

# Inorganic Data

Table 9-2 Site 6 - Analytical Results Summary
Water Samples, Inorganic Analyses
NAS Moffett Field

| Well Number | | | W06-08(A2) | | W06-09(A1) | | W06-10(A1) | | W06-10(A1) | | W06-10(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number | | | MOF1681 | | MOF1674 | | MOF1661 | | MOF1662 | | MOF1663 | |
| Sample Type | | | ORIG | | ORIG | | FB | | ORIG | | DUP | |
| Sample Date | | | 05/29/91 | | 05/28/91 | | 05/24/91 | | 05/24/91 | | 05/24/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | |
| ALUMINUM | 200 | ug/L | B | 111 | B | 53.8 | B | 22.3 | B | 24.7 | B | 25.5 |
| ANTIMONY | 60 | ug/L | | | B | 20.8 | | | | | | |
| BARIUM | 200 | ug/L | B | 84.0 | B | 56.2 | | | B | 38.6 | B | 35.4 |
| BERYLLIUM | 5 | ug/L | B | 1.0 | | | | | | | | |
| BICARBONATE | 1 | mg/L | | 392 | | 444 | | 6.0 | | 458 | | 458 |
| CADMIUM | 5 | ug/L | | 9.9 | B | 3.5 | | | B | 2.8 | B | 4.0 |
| CALCIUM | 5000 | ug/L | | 92900 | | 13800 | B | 135 | | 14600 | | 14300 |
| CHLORIDE | 0.1 | mg/L | | 45.0 | | 51.3 | | | | 44.1 | | 49.4 |
| COPPER | 25 | ug/L | | | | | B | 6.1 | | | | |
| FLUORIDE | 100 | mg/L | | 0.49 | | 0.30 | | | | 0.34 | | 0.33 |
| IRON | 100 | ug/L | | 960 | B | 67.2 | | 155 | B | 60.2 | B | 32.8 |
| LEAD | 5 | ug/L | B | 1.7 | B | 1.1 | B | 1.0 | | | B | 1.0 |
| MAGNESIUM | 5000 | ug/L | | 54900 | | 77200 | | | | 79800 | | 78100 |
| MANGANESE | 15 | ug/L | | 325 | | 155 | B | 1.2 | | 134 | | 126 |
| NITRATE | 0.1 | mg/L | R | 2.5 | | | | | R | 3.8 | R | 3.8 |
| POTASSIUM | 5000 | ug/L | B | 1530 | B | 793 | | | B | 1610 | B | 2000 |
| SILVER | 10 | ug/L | | | | | | | B | 2.5 | B | 2.2 |
| SODIUM | 5000 | ug/L | | 58500 | | 63600 | | | | 66000 | | 64600 |
| SULFATE | 200 | mg/L | | 192 | | 353 | | | | 370 | | 330 |
| TDS | 10 | mg/L | | 754 | | 1110 | | | | 1160 | | 1170 |
| VANADIUM | 50 | ug/L | B | 10.2 | B | 11.7 | | | B | 6.4 | B | 6.1 |
| ZINC | 20 | ug/L | | 32.0 | B | 18.9 | B | 8.8 | B | 10.6 | B | 9.8 |

## B9.2 SITE 6 - RESULTS OF WATER SAMPLE ANALYSES

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

FOOTNOTES FOR DATA TABLES (Continued)

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 9-3
Site 6 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W06-02(A2) | | W06-03(A1) | | W06-08(A2) | | W06-09(A1) | | W06-10(A1) | | W06-10(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1552 | | MOF1543 | | MOF1681 | | MOF1674 | | MOF1660 | | MOF1661 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | | TB | | FB | |
| Sample Date==========> | | | 05/06/91 | | 05/03/91 | | 05/29/91 | | 05/28/91 | | 05/24/91 | | 05/24/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | J | 3 | J | 2 | U | 5 | J | 2 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2,4-TRICHLOROBENZENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 1,2-DICHLOROBENZENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,3-DICHLOROBENZENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 1,4-DICHLOROBENZENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 2,4,5-TRICHLOROPHENOL | 50 | ug/L | | | | | U | 50 | U | 50 | | | U | 50 |
| 2,4,6-TRICHLOROPHENOL | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 2,4-DICHLOROPHENOL | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 2,4-DIMETHYLPHENOL | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 2,4-DINITROPHENOL | 50 | ug/L | | | | | U | 50 | U | 50 | | | U | 50 |
| 2,4-DINITROTOLUENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 2,6-DINITROTOLUENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-CHLORONAPHTHALENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 2-CHLOROPHENOL | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-METHYLNAPHTHALENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 2-METHYLPHENOL | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 2-NITROANILINE | 50 | ug/L | | | | | U | 50 | U | 50 | | | U | 50 |
| 2-NITROPHENOL | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 3,3'-DICHLOROBENZIDINE | 20 | ug/L | | | | | U | 20 | U | 20 | | | U | 20 |
| 3-NITROANILINE | 50 | ug/L | | | | | U | 50 | U | 50 | | | U | 50 |
| 4,6-DINITRO-2-METHYLPHENOL | 50 | ug/L | | | | | U | 50 | U | 50 | | | U | 50 |
| 4-BROMOPHENYL-PHENYL ETHER | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 4-CHLORO-3-METHYLPHENOL | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 4-CHLOROANILINE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 4-CHLOROPHENYL-PHENYL ETHER | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYLPHENOL | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| 4-NITROANILINE | 50 | ug/L | | | | | U | 50 | U | 50 | | | U | 50 |

Table 9-3
Site 6 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W06-02(A2) | W06-03(A1) | W06-08(A2) | W06-09(A1) | W06-10(A1) | W06-10(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1552 | MOF1543 | MOF1681 | MOF1674 | MOF1660 | MOF1661 |
| Sample Type==========> | | | ORIG | ORIG | ORIG | ORIG | TB | FB |
| Sample Date==========> | | | 05/06/91 | 05/03/91 | 05/29/91 | 05/28/91 | 05/24/91 | 05/24/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 4-NITROPHENOL | 50 | ug/L | | | U 50 | U 50 | | U 50 |
| ACENAPHTHENE | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| ACENAPHTHYLENE | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| ACETONE | 10 | ug/L | J 2 | B 10 | J 3 | J 3 | U 10 | J 4 |
| ANTHRACENE | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| AROCLOR-1016 | 0.5 | ug/L | | | U 0.5 | U 0.5 | | U 0.5 |
| AROCLOR-1221 | 0.5 | ug/L | | | U 0.5 | U 0.5 | | U 0.5 |
| AROCLOR-1232 | 0.5 | ug/L | | | U 0.5 | U 0.5 | | U 0.5 |
| AROCLOR-1242 | 0.5 | ug/L | | | U 0.5 | U 0.5 | | U 0.5 |
| AROCLOR-1248 | 0.5 | ug/L | | | U 0.5 | U 0.5 | | U 0.5 |
| AROCLOR-1254 | 1.0 | ug/L | | | U 1 | U 1 | | U 1 |
| AROCLOR-1260 | 1.0 | ug/L | | | U 1 | U 1 | | U 1 |
| BENZENE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| BENZO(A)ANTHRACENE | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| BENZO(A)PYRENE | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| BENZO(B)FLUORANTHENE | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| BENZO(G,H,I)PERYLENE | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| BENZO(K)FLUORANTHENE | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| BENZOIC ACID | 50 | ug/L | | | U 50 | U 50 | | U 50 |
| BENZYL ALCOHOL | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| BIS(2-CHLOROETHOXY)METHANE | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| BIS(2-CHLOROETHYL)ETHER | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| BIS(2-CHLOROISOPROPYL)ETHER | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| BROMODICHLOROMETHANE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| BROMOFORM | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| BROMOMETHANE | 10 | ug/L | U 10 | U 10 | U 10 | U 10 | U 10 | U 10 |
| BUTYL BENZYL PHTHALATE | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| CARBON DISULFIDE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| CHLOROBENZENE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| CHLOROETHANE | 10 | ug/L | U 10 | U 10 | U 10 | U 10 | U 10 | U 10 |
| CHLOROFORM | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| CHLOROMETHANE | 10 | ug/L | U 10 | U 10 | U 10 | U 10 | U 10 | U 10 |
| CHRYSENE | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U 5 | U 5 | U 5 | U 5 | U 5 | U 5 |
| DI-N-BUTYLPHTHALATE | 10 | ug/L | | | U 10 | U 10 | | U 10 |
| DI-N-OCTYLPHTHALATE | 10 | ug/L | | | U 10 | U 10 | | U 10 |

Table 9-3
Site 6 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W06-02(A2) | | W06-03(A1) | | W06-08(A2) | | W06-09(A1) | | W06-10(A1) | | W06-10(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1552 | | MOF1543 | | MOF1681 | | MOF1674 | | MOF1660 | | MOF1661 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | | TB | | FB | |
| Sample Date==========> | | | 05/06/91 | | 05/03/91 | | 05/29/91 | | 05/28/91 | | 05/24/91 | | 05/24/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| DIBENZO(A,H)ANTHRACENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| DIBENZOFURAN | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIETHYLPHTHALATE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| DIMETHYLPHTHALATE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| FLUORANTHENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| FLUORENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| HEXACHLOROBENZENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| HEXACHLOROBUTADIENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| HEXACHLOROCYCLOPENTADIENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| HEXACHLOROETHANE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| INDENO(1,2,3-C,D)PYRENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| ISOPHORONE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| JP-5 | 250 | ug/L | U | 250 | U | 250 | U | 250 | U | 250 | | | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 3 | BJ | 2 | BJ | 1 | BJ | 1 | BJ | 4 | BJ | 1 |
| N-NITROSO-DI-N-PROPYLAMINE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| N-NITROSODIPHENYLAMINE (1) | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| NAPHTHALENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| NITROBENZENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| PENTACHLOROPHENOL | 50 | ug/L | | | | | U | 50 | U | 50 | | | U | 50 |
| PHENANTHRENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| PHENOL | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| PYRENE | 10 | ug/L | | | | | U | 10 | U | 10 | | | U | 10 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | J | 4 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | J | 1 | J | 3 | J | 2 | | 6 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |

Table 9-3
Site 6 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Compounds | Quantitation limits | Units | | | | |
|---|---|---|---|---|---|---|
| Well Number==========> | | | W06-10(A1) | | W06-10(A1) | |
| Sample Number==========> | | | MOF1662 | | MOF1663 | |
| Sample Type==========> | | | ORIG | | DUP | |
| Sample Date==========> | | | 05/24/91 | | 05/24/91 | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 |
| 1,2,4-TRICHLOROBENZENE | 10 | ug/L | U | 10 | U | 10 |
| 1,2-DICHLOROBENZENE | 10 | ug/L | U | 10 | U | 10 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 |
| 1,3-DICHLOROBENZENE | 10 | ug/L | U | 10 | U | 10 |
| 1,4-DICHLOROBENZENE | 10 | ug/L | U | 10 | U | 10 |
| 2,4,5-TRICHLOROPHENOL | 50 | ug/L | U | 50 | U | 50 |
| 2,4,6-TRICHLOROPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 2,4-DICHLOROPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 2,4-DIMETHYLPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 2,4-DINITROPHENOL | 50 | ug/L | U | 50 | U | 50 |
| 2,4-DINITROTOLUENE | 10 | ug/L | U | 10 | U | 10 |
| 2,6-DINITROTOLUENE | 10 | ug/L | U | 10 | U | 10 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 |
| 2-CHLORONAPHTHALENE | 10 | ug/L | U | 10 | U | 10 |
| 2-CHLOROPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 |
| 2-METHYLNAPHTHALENE | 10 | ug/L | U | 10 | U | 10 |
| 2-METHYLPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 2-NITROANILINE | 50 | ug/L | U | 50 | U | 50 |
| 2-NITROPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 3,3'-DICHLOROBENZIDINE | 20 | ug/L | U | 20 | U | 20 |
| 3-NITROANILINE | 50 | ug/L | U | 50 | U | 50 |
| 4,6-DINITRO-2-METHYLPHENOL | 50 | ug/L | U | 50 | U | 50 |
| 4-BROMOPHENYL-PHENYL ETHER | 10 | ug/L | U | 10 | U | 10 |
| 4-CHLORO-3-METHYLPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 4-CHLOROANILINE | 10 | ug/L | U | 10 | U | 10 |
| 4-CHLOROPHENYL-PHENYL ETHER | 10 | ug/L | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 |
| 4-METHYLPHENOL | 10 | ug/L | U | 10 | U | 10 |
| 4-NITROANILINE | 50 | ug/L | U | 50 | U | 50 |

Table 9-3
Site 6 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W06-10(A1) | | W06-10(A1) | |
|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1662 | | MOF1663 | |
| Sample Type==========> | | | ORIG | | DUP | |
| Sample Date==========> | | | 05/24/91 | | 05/24/91 | |
| Compounds | Quantitation limits | Units | | | | |
| 4-NITROPHENOL | 50 | ug/L | U | 50 | U | 50 |
| ACENAPHTHENE | 10 | ug/L | U | 10 | U | 10 |
| ACENAPHTHYLENE | 10 | ug/L | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | J | 4 | J | 3 |
| ANTHRACENE | 10 | ug/L | U | 10 | U | 10 |
| AROCLOR-1016 | 0.5 | ug/L | U | 0.5 | U | 0.5 |
| AROCLOR-1221 | 0.5 | ug/L | U | 0.5 | U | 0.5 |
| AROCLOR-1232 | 0.5 | ug/L | U | 0.5 | U | 0.5 |
| AROCLOR-1242 | 0.5 | ug/L | U | 0.5 | U | 0.5 |
| AROCLOR-1248 | 0.5 | ug/L | U | 0.5 | U | 0.5 |
| AROCLOR-1254 | 1.0 | ug/L | U | 1 | U | 1 |
| AROCLOR-1260 | 1.0 | ug/L | U | 1 | U | 1 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 |
| BENZO(A)ANTHRACENE | 10 | ug/L | U | 10 | U | 10 |
| BENZO(A)PYRENE | 10 | ug/L | U | 10 | U | 10 |
| BENZO(B)FLUORANTHENE | 10 | ug/L | U | 10 | U | 10 |
| BENZO(G,H,I)PERYLENE | 10 | ug/L | U | 10 | U | 10 |
| BENZO(K)FLUORANTHENE | 10 | ug/L | U | 10 | U | 10 |
| BENZOIC ACID | 50 | ug/L | U | 50 | U | 50 |
| BENZYL ALCOHOL | 10 | ug/L | U | 10 | U | 10 |
| BIS(2-CHLOROETHOXY)METHANE | 10 | ug/L | U | 10 | U | 10 |
| BIS(2-CHLOROETHYL)ETHER | 10 | ug/L | U | 10 | U | 10 |
| BIS(2-CHLOROISOPROPYL)ETHER | 10 | ug/L | U | 10 | U | 10 |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | U | 10 | U | 10 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 |
| BUTYL BENZYL PHTHALATE | 10 | ug/L | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 |
| CHRYSENE | 10 | ug/L | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 |
| DI-N-BUTYLPHTHALATE | 10 | ug/L | U | 10 | U | 10 |
| DI-N-OCTYLPHTHALATE | 10 | ug/L | U | 10 | U | 10 |

Table 9-3
Site 6 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W06-10(A1) | | W06-10(A1) | |
|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1662 | | MOF1663 | |
| Sample Type==========> | | | ORIG | | DUP | |
| Sample Date==========> | | | 05/24/91 | | 05/24/91 | |
| Compounds | Quantitation limits | Units | | | | |
| DIBENZO(A,H)ANTHRACENE | 10 | ug/L | U | 10 | U | 10 |
| DIBENZOFURAN | 10 | ug/L | U | 10 | U | 10 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 |
| DIETHYLPHTHALATE | 10 | ug/L | U | 10 | U | 10 |
| DIMETHYLPHTHALATE | 10 | ug/L | U | 10 | U | 10 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 |
| FLUORANTHENE | 10 | ug/L | U | 10 | U | 10 |
| FLUORENE | 10 | ug/L | U | 10 | U | 10 |
| HEXACHLOROBENZENE | 10 | ug/L | U | 10 | U | 10 |
| HEXACHLOROBUTADIENE | 10 | ug/L | U | 10 | U | 10 |
| HEXACHLOROCYCLOPENTADIENE | 10 | ug/L | U | 10 | U | 10 |
| HEXACHLOROETHANE | 10 | ug/L | U | 10 | U | 10 |
| INDENO(1,2,3-C,D)PYRENE | 10 | ug/L | U | 10 | U | 10 |
| ISOPHORONE | 10 | ug/L | U | 10 | U | 10 |
| JP-5 | 250 | ug/L | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 1 | BJ | 1 |
| N-NITROSO-DI-N-PROPYLAMINE | 10 | ug/L | U | 10 | U | 10 |
| N-NITROSODIPHENYLAMINE (1) | 10 | ug/L | U | 10 | U | 10 |
| NAPHTHALENE | 10 | ug/L | U | 10 | U | 10 |
| NITROBENZENE | 10 | ug/L | U | 10 | U | 10 |
| PENTACHLOROPHENOL | 50 | ug/L | U | 50 | U | 50 |
| PHENANTHRENE | 10 | ug/L | U | 10 | U | 10 |
| PHENOL | 10 | ug/L | U | 10 | U | 10 |
| PYRENE | 10 | ug/L | U | 10 | U | 10 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 |

# Inorganic Data

Table 9-3
Site 6 - Results of Water Sample Analyses (Inorganic)
NAS Moffett Field

| Well Number==========> | | | W06-08(A2) | | W06-09(A1) | | W06-10(A1) | | W06-10(A1) | | W06-10(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1681 | | MOF1674 | | MOF1661 | | MOF1662 | | MOF1663 | |
| Sample Type==========> | | | ORIG | | ORIG | | FB | | ORIG | | DUP | |
| Sample Date==========> | | | 05/29/91 | | 05/28/91 | | 05/24/91 | | 05/24/91 | | 05/24/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | |
| ALUMINUM | 200 | ug/L | B | 111 | B | 53.8 | B | 22.3 | B | 24.7 | B | 25.5 |
| ANTIMONY | 60 | ug/L | U | 18.0 | B | 20.8 | U | 18.0 | U | 18.0 | U | 18.0 |
| ARSENIC | 10 | ug/L | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 |
| BARIUM | 200 | ug/L | B | 84.0 | B | 56.2 | U | 3.0 | B | 38.6 | B | 35.4 |
| BERYLLIUM | 5 | ug/L | B | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 |
| BICARBONATE | 1 | mg/L | | 392 | | 444 | | 6.0 | | 458 | | 458 |
| CADMIUM | 5 | ug/L | | 9.9 | B | 3.5 | U | 2.0 | B | 2.8 | B | 4.0 |
| CALCIUM | 5000 | ug/L | | 92900 | | 13800 | B | 135 | | 14600 | | 14300 |
| CARBONATE | 1 | mg/L | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 |
| CHLORIDE | 0.1 | mg/L | | 45.0 | | 51.3 | U | 0.10 | | 44.1 | | 49.4 |
| CHROMIUM | 10 | ug/L | U | 3.0 | U | 3.0 | U | 3.0 | U | 3.0 | U | 3.0 |
| COBALT | 50 | ug/L | U | 3.0 | U | 3.0 | U | 3.0 | U | 3.0 | U | 3.0 |
| COPPER | 25 | ug/L | U | 2.0 | U | 2.0 | B | 6.1 | U | 2.0 | U | 2.0 |
| FLUORIDE | 100 | mg/L | | 0.49 | | 0.30 | U | 0.20 | | 0.34 | | 0.33 |
| IRON | 100 | ug/L | | 960 | B | 67.2 | | 155 | B | 60.2 | B | 32.8 |
| LEAD | 5 | ug/L | B | 1.7 | B | 1.1 | B | 1.0 | U | 1.0 | B | 1.0 |
| MAGNESIUM | 5000 | ug/L | | 54900 | | 77200 | U | 23.0 | | 79800 | | 78100 |
| MANGANESE | 15 | ug/L | | 325 | | 155 | B | 1.2 | | 134 | | 126 |
| MERCURY | 0.2 | ug/L | U | 0.20 | U | 0.20 | U | 0.20 | U | 0.20 | U | 0.20 |
| NICKEL | 40 | ug/L | U | 7.0 | U | 7.0 | U | 7.0 | U | 7.0 | U | 7.0 |
| NITRATE | 0.1 | mg/L | R | 2.5 | UR | 0.10 | UR | 0.10 | R | 3.8 | R | 3.8 |
| POTASSIUM | 5000 | ug/L | B | 1530 | B | 793 | U | 260 | B | 1610 | B | 2000 |
| SELENIUM | 5 | ug/L | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 |
| SILVER | 10 | ug/L | U | 2.0 | U | 2.0 | U | 2.0 | B | 2.5 | B | 2.2 |
| SODIUM | 5000 | ug/L | | 58500 | | 63600 | U | 800 | | 66000 | | 64600 |
| SULFATE | 200 | mg/L | | 192 | | 353 | U | 0.20 | | 370 | | 330 |
| TDS | 10 | mg/L | | 754 | | 1110 | U | 10.0 | | 1160 | | 1170 |
| THALLIUM | 10 | ug/L | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 | U | 1.0 |
| VANADIUM | 50 | ug/L | B | 10.2 | B | 11.7 | U | 2.0 | B | 6.4 | B | 6.1 |
| ZINC | 20 | ug/L | | 32.0 | B | 18.9 | B | 8.8 | B | 10.6 | B | 9.8 |

# B10.0 SITE 7 - ANALYTICAL RESULTS

# B10.1 SITE 7 - ANALYTICAL RESULTS

## SUMMARY TABLES

# NOTES

Phase II samples from NAS Moffett Field have been analyzed in accordance with EPA - CLP protocols and in accordance with the normal QA/QC requirements associated with the program. The data have not yet undergone the validation process described in the EPA Functional Guidelines for Evaluating Inorganic Analyses (July 1988) and the Functional Guidelines for Evaluating Organic Analyses (February 1988). Therefore, the data should be considered preliminary.

For Sites 3 through 7, the following list of 24 compounds comprises the total chlorinated volatile organic compounds (TCVOC):

- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,2-Dichloroethane
- 1,2-Dichloroethane-D4
- 1,2-Dichloroethene
- 1,2-Dichloroethene (total)
- 1,2-Dichloroethylene
- 1,2-Dichloropropane
- Bromodichloromethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- cis-1,3-dichloropropene
- Dibromochloromethane
- Methylene chloride
- Tetrachloroethene
- Trans-1,3-dichloropropene
- Trichloroethene
- Vinyl chloride.

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 10-1 Site 7 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W07-01(A1) | W07-08(A1) | W07-16(C) | W07-16(C) | W07-17(A2) | W07-18(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1518 | MOF1542 | MOF1530MS | MOF1530MSD | MOF1672 | MOF1514 |
| Sample Type==========> | | | ORIG | ORIG | MS | MSD | ORIG | ORIG |
| Sample Date==========> | | | 04/29/91 | 05/03/91 | 05/01/91 | 05/01/91 | 05/28/91 | 04/26/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | | J 3 | | | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | | J 4 | | | | |
| 1,1-DICHLOROETHENE | 5 | ug/L | | J 2 | | | | |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | 19 | | | | |
| ACETONE | 10 | ug/L | 14 | | | | J 3 | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | | | | | 10 | |
| CARBON TETRACHLORIDE | 5 | ug/L | | J 3 | | | | |
| CHLOROFORM | 5 | ug/L | | 5 | | | | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 1 | | | | BJ 2 | B 9 |
| TETRACHLOROETHENE | 5 | ug/L | | 130 | | | | |
| TRICHLOROETHENE | 5 | ug/L | | 33 | | | | |

Table 10-1 Site 7 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W07-20(A1) | W07-21(A1) |
|---|---|---|---|---|
| Sample Number==========> | | | MOF1539 | MOF1513 |
| Sample Type==========> | | | ORIG | ORIG |
| Sample Date==========> | | | 05/03/91 | 04/26/91 |
| Compounds | Quantitation limits | Units | | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 2 | BJ 2 |
| TETRACHLOROETHENE | 5 | ug/L | J 2 | |
| TRICHLOROETHENE | 5 | ug/L | J 3 | |

# Inorganic Data

Table 10-2 Site 7 - Analytical Results Summary
Water Samples, Inorganic Analyses
NAS Moffett Field

| | | | | |
|---|---|---|---|---|
| Well Number==========> | | | | W07-17(A2) |
| Sample Number==========> | | | | MOF1672 |
| Sample Type==========> | | | | ORIG |
| Sample Date==========> | | | | 05/28/91 |
| Compounds | Quantitation limits | Units | | |
| ALUMINUM | 200 | ug/L | B | 45.6 |
| ARSENIC | 10 | ug/L | B | 2.6 |
| BARIUM | 200 | ug/L | B | 31.0 |
| BICARBONATE | 1 | mg/L | | 222 |
| CADMIUM | 5 | ug/L | | 9.1 |
| CALCIUM | 5000 | ug/L | | 24500 |
| CHLORIDE | 0.1 | mg/L | | 28.8 |
| FLUORIDE | 100 | mg/L | | 0.29 |
| IRON | 100 | ug/L | B | 42.5 |
| MAGNESIUM | 5000 | ug/L | | 14300 |
| MANGANESE | 15 | ug/L | | 69.5 |
| POTASSIUM | 5000 | ug/L | B | 2780 |
| SILVER | 10 | ug/L | B | 3.4 |
| SODIUM | 5000 | ug/L | | 71300 |
| SULFATE | 200 | mg/L | | 24.3 |
| TDS | 10 | mg/L | | 381 |
| VANADIUM | 50 | ug/L | B | 8.8 |
| ZINC | 20 | ug/L | | 22.0 |

## B10.2 SITE 7 - RESULTS OF WATER SAMPLE ANALYSES

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 10-3
Site 7 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W07-01(A1) | | W07-04(A2) | | W07-08(A1) | | W07-13(A1) | | W07-15(A2) | | W07-16(C) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1518 | | MOF1520 | | MOF1542 | | MOF1522 | | MOF1519 | | MOF1530 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 04/29/91 | | 04/29/91 | | 05/03/91 | | 04/29/91 | | 04/29/91 | | 05/01/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | J | 3 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | J | 4 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | J | 2 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | | | | | 19 | | | | | | |
| 1,2-DICHLOROETHYLENE | | ug/L | U | 5 | U | 5 | | | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | | 14 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | J | 3 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | U | 50 | U | 50 | U | 250 | U | 50 | U | 50 | U | 50 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 1 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | | 130 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | U | 5 | U | 5 | | | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | | 33 | U | 5 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | | | | | U | 5 | | | | | | |

Table 10-3
Site 7 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W07-16(C) | | W07-17(A2) | | W07-18(A1) | | W07-19(A1) | | W07-19(A1) | | W07-20(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1531 | | MOF1672 | | MOF1514 | | MOF1515 | | MOF1516 | | MOF1539 | |
| Sample Type==========> | | | DUP | | ORIG | | ORIG | | ORIG | | TB | | ORIG | |
| Sample Date==========> | | | 05/01/91 | | 05/28/91 | | 04/26/91 | | 04/29/91 | | 04/29/91 | | 05/03/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2,4-TRICHLOROBENZENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| 1,2-DICHLOROBENZENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | | U | 5 | | | | | | | U | 5 |
| 1,2-DICHLOROETHYLENE | | ug/L | U | 5 | | | U | 5 | U | 5 | U | 5 | | |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,3-DICHLOROBENZENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| 1,4-DICHLOROBENZENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| 2,4,5-TRICHLOROPHENOL | 50 | ug/L | | | U | 50 | | | | | | | | |
| 2,4,6-TRICHLOROPHENOL | 10 | ug/L | | | U | 10 | | | | | | | | |
| 2,4-DICHLOROPHENOL | 10 | ug/L | | | U | 10 | | | | | | | | |
| 2,4-DIMETHYLPHENOL | 10 | ug/L | | | U | 10 | | | | | | | | |
| 2,4-DINITROPHENOL | 50 | ug/L | | | U | 50 | | | | | | | | |
| 2,4-DINITROTOLUENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| 2,6-DINITROTOLUENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-CHLORONAPHTHALENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| 2-CHLOROPHENOL | 10 | ug/L | | | U | 10 | | | | | | | | |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-METHYLNAPHTHALENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| 2-METHYLPHENOL | 10 | ug/L | | | U | 10 | | | | | | | | |
| 2-NITROANILINE | 50 | ug/L | | | U | 50 | | | | | | | | |
| 2-NITROPHENOL | 10 | ug/L | | | U | 10 | | | | | | | | |
| 3,3'-DICHLOROBENZIDINE | 20 | ug/L | | | U | 20 | | | | | | | | |
| 3-NITROANILINE | 50 | ug/L | | | U | 50 | | | | | | | | |
| 4,6-DINITRO-2-METHYLPHENOL | 50 | ug/L | | | U | 50 | | | | | | | | |
| 4-BROMOPHENYL-PHENYL ETHER | 10 | ug/L | | | U | 10 | | | | | | | | |
| 4-CHLORO-3-METHYLPHENOL | 10 | ug/L | | | U | 10 | | | | | | | | |
| 4-CHLOROANILINE | 10 | ug/L | | | U | 10 | | | | | | | | |
| 4-CHLOROPHENYL-PHENYL ETHER | 10 | ug/L | | | U | 10 | | | | | | | | |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYLPHENOL | 10 | ug/L | | | U | 10 | | | | | | | | |

Table 10-3
Site 7 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W07-16(C) | | W07-17(A2) | | W07-18(A1) | | W07-19(A1) | | W07-19(A1) | | W07-20(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1531 | | MOF1672 | | MOF1514 | | MOF1515 | | MOF1516 | | MOF1539 | |
| Sample Type==========> | | | DUP | | ORIG | | ORIG | | ORIG | | TB | | ORIG | |
| Sample Date==========> | | | 05/01/91 | | 05/28/91 | | 04/26/91 | | 04/29/91 | | 04/29/91 | | 05/03/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 4-NITROANILINE | 50 | ug/L | | | U | 50 | | | | | | | | |
| 4-NITROPHENOL | 50 | ug/L | | | U | 50 | | | | | | | | |
| ACENAPHTHENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| ACENAPHTHYLENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| ACETONE | 10 | ug/L | U | 10 | J | 3 | U | 10 | U | 10 | U | 10 | U | 10 |
| ANTHRACENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| AROCLOR-1016 | 0.5 | ug/L | | | U | 0.5 | | | | | | | | |
| AROCLOR-1221 | 0.5 | ug/L | | | U | 0.5 | | | | | | | | |
| AROCLOR-1232 | 0.5 | ug/L | | | U | 0.5 | | | | | | | | |
| AROCLOR-1242 | 0.5 | ug/L | | | U | 0.5 | | | | | | | | |
| AROCLOR-1248 | 0.5 | ug/L | | | U | 0.5 | | | | | | | | |
| AROCLOR-1254 | 1.0 | ug/L | | | U | 1 | | | | | | | | |
| AROCLOR-1260 | 1.0 | ug/L | | | U | 1 | | | | | | | | |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BENZO(A)ANTHRACENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| BENZO(A)PYRENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| BENZO(B)FLUORANTHENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| BENZO(G,H,I)PERYLENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| BENZO(K)FLUORANTHENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| BENZOIC ACID | 50 | ug/L | | | U | 50 | | | | | | | | |
| BENZYL ALCOHOL | 10 | ug/L | | | U | 10 | | | | | | | | |
| BIS(2-CHLOROETHOXY)METHANE | 10 | ug/L | | | U | 10 | | | | | | | | |
| BIS(2-CHLOROETHYL)ETHER | 10 | ug/L | | | U | 10 | | | | | | | | |
| BIS(2-CHLOROISOPROPYL)ETHER | 10 | ug/L | | | U | 10 | | | | | | | | |
| BIS(2-ETHYLHEXYL)PHTHALATE | 10 | ug/L | | | | 10 | | | | | | | | |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| BUTYL BENZYL PHTHALATE | 10 | ug/L | | | U | 10 | | | | | | | | |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHRYSENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DI-N-BUTYLPHTHALATE | 10 | ug/L | | | U | 10 | | | | | | | | |

Table 10-3
Site 7 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W07-16(C) | | W07-17(A2) | | W07-18(A1) | | W07-19(A1) | | W07-19(A1) | | W07-20(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1531 | | MOF1672 | | MOF1514 | | MOF1515 | | MOF1516 | | MOF1539 | |
| Sample Type==========> | | | DUP | | ORIG | | ORIG | | ORIG | | TB | | ORIG | |
| Sample Date==========> | | | 05/01/91 | | 05/28/91 | | 04/26/91 | | 04/29/91 | | 04/29/91 | | 05/03/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| DI-N-OCTYLPHTHALATE | 10 | ug/L | | | U | 10 | | | | | | | | |
| DIBENZO(A,H)ANTHRACENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| DIBENZOFURAN | 10 | ug/L | | | U | 10 | | | | | | | | |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIETHYLPHTHALATE | 10 | ug/L | | | U | 10 | | | | | | | | |
| DIMETHYLPHTHALATE | 10 | ug/L | | | U | 10 | | | | | | | | |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| FLUORANTHENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| FLUORENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| HEXACHLOROBENZENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| HEXACHLOROBUTADIENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| HEXACHLOROCYCLOPENTADIENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| HEXACHLOROETHANE | 10 | ug/L | | | U | 10 | | | | | | | | |
| INDENO(1,2,3-C,D)PYRENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| ISOPHORONE | 10 | ug/L | | | U | 10 | | | | | | | | |
| JP-5 | 250 | ug/L | U | 50 | U | 250 | U | 50 | U | 50 | | | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | BJ | 2 | B | 9 | U | 5 | U | 5 | BJ | 2 |
| N-NITROSO-DI-N-PROPYLAMINE | 10 | ug/L | | | U | 10 | | | | | | | | |
| N-NITROSODIPHENYLAMINE (1) | 10 | ug/L | | | U | 10 | | | | | | | | |
| NAPHTHALENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| NITROBENZENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| PENTACHLOROPHENOL | 50 | ug/L | | | U | 50 | | | | | | | | |
| PHENANTHRENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| PHENOL | 10 | ug/L | | | U | 10 | | | | | | | | |
| PYRENE | 10 | ug/L | | | U | 10 | | | | | | | | |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | J | 2 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | U | 5 | | | U | 5 | U | 5 | U | 5 | | |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | J | 3 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | | | U | 5 | | | | | | | U | 5 |

Table 10-3
Site 7 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W07-20(A1) | | W07-21(A1) | |
|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1540 | | MOF1513 | |
| Sample Type==========> | | | TB | | ORIG | |
| Sample Date==========> | | | 05/03/91 | | 04/26/91 | |
| Compounds | Quantitation limits | Units | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | | |
| 1,2-DICHLOROETHYLENE | | ug/L | | | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | | | U | 50 |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | BJ | 2 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | | | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | | |

# Inorganic Data

Table 10-3
Site 7 - Results of Water Sample Analyses (Inorganic)
NAS Moffett Field

| | | | | |
|---|---|---|---|---|
| Well Number==========> | | | W07-17(A2) | |
| Sample Number==========> | | | MOF1672 | |
| Sample Type==========> | | | ORIG | |
| Sample Date==========> | | | 05/28/91 | |
| Compounds | Quantitation limits | Units | | |
| ALUMINUM | 200 | ug/L | B | 45.6 |
| ANTIMONY | 60 | ug/L | U | 18.0 |
| ARSENIC | 10 | ug/L | B | 2.6 |
| BARIUM | 200 | ug/L | B | 31.0 |
| BERYLLIUM | 5 | ug/L | U | 1.0 |
| BICARBONATE | 1 | mg/L | | 222 |
| CADMIUM | 5 | ug/L | | 9.1 |
| CALCIUM | 5000 | ug/L | | 24500 |
| CARBONATE | 1 | mg/L | U | 1.0 |
| CHLORIDE | 0.1 | mg/L | | 28.8 |
| CHROMIUM | 10 | ug/L | U | 3.0 |
| COBALT | 50 | ug/L | U | 3.0 |
| COPPER | 25 | ug/L | U | 2.0 |
| FLUORIDE | 100 | mg/L | | 0.29 |
| IRON | 100 | ug/L | B | 42.5 |
| LEAD | 5 | ug/L | U | 1.0 |
| MAGNESIUM | 5000 | ug/L | | 14300 |
| MANGANESE | 15 | ug/L | | 69.5 |
| MERCURY | 0.2 | ug/L | U | 0.20 |
| NICKEL | 40 | ug/L | U | 7.0 |
| NITRATE | 0.1 | mg/L | UR | 0.10 |
| POTASSIUM | 5000 | ug/L | B | 2780 |
| SELENIUM | 5 | ug/L | U | 1.0 |
| SILVER | 10 | ug/L | B | 3.4 |
| SODIUM | 5000 | ug/L | | 71300 |
| SULFATE | 200 | mg/L | | 24.3 |
| TDS | 10 | mg/L | | 381 |
| THALLIUM | 10 | ug/L | U | 1.0 |
| VANADIUM | 50 | ug/L | B | 8.8 |
| ZINC | 20 | ug/L | | 22.0 |

# B11.0 SITE 8 - ANALYTICAL RESULTS

# B11.1 SITE 8 - ANALYTICAL RESULTS

## SUMMARY TABLES

## NOTES

Phase II samples from NAS Moffett Field have been analyzed in accordance with EPA - CLP protocols and in accordance with the normal QA/QC requirements associated with the program. The data have not yet undergone the validation process described in the EPA Functional Guidelines for Evaluating Inorganic Analyses (July 1988) and the Functional Guidelines for Evaluating Organic Analyses (February 1988). Therefore, the data should be considered preliminary.

For Sites 3 through 7, the following list of 24 compounds comprises the total chlorinated volatile organic compounds (TCVOC):

- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,2-Dichloroethane
- 1,2-Dichloroethane-D4
- 1,2-Dichloroethene
- 1,2-Dichloroethene (total)
- 1,2-Dichloroethylene
- 1,2-Dichloropropane
- Bromodichloromethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- cis-1,3-dichloropropene
- Dibromochloromethane
- Methylene chloride
- Tetrachloroethene
- Trans-1,3-dichloropropene
- Trichloroethene
- Vinyl chloride.

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 11-1 Site 8 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W08-01(A1) | W08-04(A1) | W08-05(A1) | W08-06(A1) | W08-08(A1) | W08-08(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1538 | MOF1496 | MOF1495 | MOF1497 | MOF1618 | MOF1619 |
| Sample Type==========> | | | ORIG | ORIG | ORIG | ORIG | TB | ORIG |
| Sample Date==========> | | | 05/02/91 | 04/24/91 | 04/24/91 | 04/24/91 | 05/17/91 | 05/17/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | J 3 | | 29 | 45 | | 6 |
| 1,1-DICHLOROETHANE | 5 | ug/L | | | 16 | 12 | | J 2 |
| 1,1-DICHLOROETHENE | 5 | ug/L | J 2 | | 35 | 12 | | |
| ACETONE | 10 | ug/L | | | | | BJ 5 | |
| METHYLENE CHLORIDE | 5 | ug/L | | | | | | BJ 1 |
| TRICHLOROETHENE | 5 | ug/L | 7 | J 4 | J 3 | | | 10 |

Table 11-1 Site 8 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Compounds | Quantitation limits | Units | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number==========> | | | W08-10(A2) | | | W08-11(A2) | | | W08-11(A2) | | | W08-12(A2) | |
| Sample Number==========> | | | MOF1616 | | | MOF1620 | | | MOF1621 | | | MOF1617 | |
| Sample Type==========> | | | ORIG | | | ORIG | | | DUP | | | ORIG | |
| Sample Date==========> | | | 05/16/91 | | | 05/17/91 | | | 05/17/91 | | | 05/16/91 | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | | | 24 | | J | 2 | | J | 2 | | 32 |
| 1,1-DICHLOROETHANE | 5 | ug/L | | | 12 | | J | 1 | | J | 1 | J | 3 |
| 1,1-DICHLOROETHENE | 5 | ug/L | | | 26 | | J | 1 | | J | 1 | | |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | | | | J | 1 | | J | 1 | | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 1 | | BJ | 1 | | BJ | 1 | | BJ | 1 |
| TRICHLOROETHENE | 5 | ug/L | J | 2 | | | 7 | | | 7 | | | |

# Inorganic Data

TABLE 11-2 SITE 8 - ANALYTICAL RESULTS SUMMARY, WATER SAMPLES, INORGANIC ANALYSES, NAS MOFFETT FIELD

Note: Inorganic analyses were not performed this quarter.

## B11.2 SITE 8 - RESULTS OF WATER SAMPLE ANALYSES

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 11-3
Site 8 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W08-01(A1) | | W08-02(A2) | | W08-03(C) | | W08-04(A1) | | W08-05(A1) | | W08-06(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1538 | | MOF1494 | | MOF1490 | | MOF1496 | | MOF1495 | | MOF1497 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/02/91 | | 04/24/91 | | 04/23/91 | | 04/24/91 | | 04/24/91 | | 04/24/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | J | 3 | U | 5 | U | 5 | U | 5 | | 29 | | 45 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | | 16 | | 12 |
| 1,1-DICHLOROETHENE | 5 | ug/L | J | 2 | U | 5 | U | 5 | U | 5 | | 35 | | 12 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE | 5 | ug/L | | | | | U | 5 | | | | | | |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | | | | | | | | | | |
| 1,2-DICHLOROETHYLENE | | ug/L | | | U | 5 | | | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | | | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | | 7 | U | 5 | U | 5 | J | 4 | J | 3 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | | | | | | | | | | |

Table 11-3
Site 8 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W08-08(A1) | | W08-08(A1) | | W08-10(A2) | | W08-11(A2) | | W08-11(A2) | | W08-12(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1618 | | MOF1619 | | MOF1616 | | MOF1620 | | MOF1621 | | MOF1617 | |
| Sample Type==========> | | | TB | | ORIG | | ORIG | | ORIG | | DUP | | ORIG | |
| Sample Date==========> | | | 05/17/91 | | 05/17/91 | | 05/16/91 | | 05/17/91 | | 05/17/91 | | 05/16/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | | 6 | | 24 | J | 2 | J | 2 | | 32 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLORO-1,2,2-TRI | | ug/L | | | J | 6 | | | | | | | | |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | J | 2 | | 12 | J | 1 | J | 1 | J | 3 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | | 26 | J | 1 | J | 1 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | J | 1 | J | 1 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | BJ | 5 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | BJ | 1 | BJ | 1 | BJ | 1 | BJ | 1 | BJ | 1 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | | 10 | J | 2 | | 7 | | 7 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |

# B12.0 SITE 9 - ANALYTICAL RESULTS

B12.1 SITE 9 - ANALYTICAL RESULTS

SUMMARY TABLES

# NOTES

Phase II samples from NAS Moffett Field have been analyzed in accordance with EPA - CLP protocols and in accordance with the normal QA/QC requirements associated with the program. The data have not yet undergone the validation process described in the EPA Functional Guidelines for Evaluating Inorganic Analyses (July 1988) and the Functional Guidelines for Evaluating Organic Analyses (February 1988). Therefore, the data should be considered preliminary.

For Sites 3 through 7, the following list of 24 compounds comprises the total chlorinated volatile organic compounds (TCVOC):

- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,2-Dichloroethane
- 1,2-Dichloroethane-D4
- 1,2-Dichloroethene
- 1,2-Dichloroethene (total)
- 1,2-Dichloroethylene
- 1,2-Dichloropropane
- Bromodichloromethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- cis-1,3-dichloropropene
- Dibromochloromethane
- Methylene chloride
- Tetrachloroethene
- Trans-1,3-dichloropropene
- Trichloroethene
- Vinyl chloride.

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

FOOTNOTES FOR DATA TABLES (Continued)

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 12-1 Site 9 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W09-01(A1) | W09-01(A1) | W09-02(A1) | W09-03(C) | W09-05(B3) | W09-06(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1534 | MOF1536 | MOF1537 | MOF1622 | MOF1486 | MOF1487 |
| Sample Type==========> | | | ORIG | TB | ORIG | ORIG | ORIG | ORIG |
| Sample Date==========> | | | 05/02/91 | 05/02/91 | 05/02/91 | 05/17/91 | 04/22/91 | 04/23/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1-DICHLOROETHENE | 5 | ug/L | J 18 | | J 2 | | | |
| 1,2-DICHLOROETHANE | 5 | ug/L | | | | | | J 4 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | 62 | | 9 | | | |
| ACETONE | 10 | ug/L | | J 7 | | | | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 12 | BJ 3 | BJ 1 | BJ 2 | | |
| TRICHLOROETHENE | 5 | ug/L | 840 | | 110 | | J 4 | |

Table 12-1 Site 9 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W09-07(A1) | W09-08(A2) | W09-09(A2) | W09-09(A2) | W09-10(A1) | W09-10(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1485 | MOF1586 | MOF1612 | MOF1613 | MOF1610 | MOF1611 |
| Sample Type==========> | | | ORIG | ORIG | ORIG | DUP | TB | ORIG |
| Sample Date==========> | | | 04/22/91 | 05/10/91 | 05/16/91 | 05/16/91 | 05/16/91 | 05/16/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | DJ 33 | | J 22 | J 27 | | J 15 |
| 1,1-DICHLOROETHANE | 5 | ug/L | DJ 49 | J 46 | J 33 | J 43 | | J 47 |
| 1,1-DICHLOROETHENE | 5 | ug/L | DJ 84 | J 100 | J 49 | J 81 | | 110 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | J 78 | 63 | J 76 | | 790 |
| 1,2-DICHLOROETHYLENE | | ug/L | DJ 79 | | | | | |
| ACETONE | 10 | ug/L | | | | | J 9 | |
| CHLOROFORM | 5 | ug/L | J 1 | | | | | |
| METHYLENE CHLORIDE | 5 | ug/L | BDJ 65 | BJ 42 | BJ 25 | BJ 75 | BJ 3 | BJ 44 |
| TETRACHLOROETHENE | 5 | ug/L | | | | | | 200 |
| TRICHLOROETHENE | 5 | ug/L | D 3600 | 3100 | 2200 | 2700 | | 1600 |

Table 12-1 Site 9 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W09-11(B2) | W09-12(B2) | W09-13(A2) | W09-14(A2) | W09-15(B2) | W09-15(B2) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1609 | MOF1548 | MOF1480 | MOF1478 | MOF1481MS | MOF1481MSD |
| Sample Type==========> | | | ORIG | FB | ORIG | ORIG | MS | MSD |
| Sample Date==========> | | | 05/15/91 | 05/03/91 | 04/19/91 | 04/19/91 | 04/22/91 | 04/22/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | | | DJ 38 | 79 | | |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | | | | 5 | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | | | DJ 39 | 65 | | |
| 1,1-DICHLOROETHENE | 5 | ug/L | | | DJ 69 | E 360 | | |
| 1,2-DICHLOROETHYLENE | | ug/L | | | DJ 62 | DJ 480 | | |
| ACETONE | 10 | ug/L | J 6 | B 14 | | | | |
| CHLOROFORM | 5 | ug/L | | | J 1 | J 3 | | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 2 | BJ 1 | BDJ 33 | BDJ 420 | | |
| TETRACHLOROETHENE | 5 | ug/L | | | | 55 | | |
| TRICHLOROETHENE | 5 | ug/L | | | BD 2400 | BD 27000 | | |

Table 12-1 Site 9 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Compounds | Quantitation limits | Units | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number==========> | | | W09-16(A1) | | | W09-17(A2) | | | W09-18(A1) | | | W09-19(A1) | | | W09-20(A2) | | | W09-21(A2) | |
| Sample Number==========> | | | MOF1580 | | | MOF1545 | | | MOF1602 | | | MOF1581 | | | MOF1591 | | | MOF1623 | |
| Sample Type==========> | | | ORIG | | | ORIG | | | ORIG | | | ORIG | | | ORIG | | | ORIG | |
| Sample Date==========> | | | 05/09/91 | | | 05/03/91 | | | 05/14/91 | | | 05/09/91 | | | 05/13/91 | | | 05/17/91 | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | | | | | | | | | | | | | | | | J | 30 |
| 1,1-DICHLOROETHANE | 5 | ug/L | | | 14 | J | | 73 | | | | | | 30 | | | | J | 30 |
| 1,1-DICHLOROETHENE | 5 | ug/L | J | | 8 | J | | 180 | J | | 200 | J | | 20 | J | | 260 | | 130 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | | 16 | | | 720 | | | 1700 | | | 60 | J | | 420 | J | 120 |
| CHLOROFORM | 5 | ug/L | J | | 5 | | | | | | | | | | | | | | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | | 3 | BJ | | 90 | BJ | | 190 | BJ | | 11 | J | | 170 | B | 140 |
| TETRACHLOROETHENE | 5 | ug/L | | | | | | | J | | 240 | | | | J | | 480 | | 310 |
| TRICHLOROETHENE | 5 | ug/L | | | 180 | | | 9200 | | | 12000 | | | 700 | | | 18000 | | 4400 |

Table 12-1 Site 9 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W09-21(A2) | W09-22(A2) | W09-22(A2) | W09-23(A1) | W09-24(A1) | W09-25(A2) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1624 | MOF1594 | MOF1597 | MOF1599 | MOF1608 | MOF1604 |
| Sample Type==========> | | | FB | TB | ORIG | ORIG | ORIG | TB |
| Sample Date==========> | | | 05/17/91 | 05/14/91 | 05/14/91 | 05/14/91 | 05/15/91 | 05/15/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | | | J 26 | J 32 | 16 | |
| 1,1-DICHLOROETHENE | 5 | ug/L | | | J 55 | J 34 | J 6 | |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | | 160 | 85 | 400 | |
| ACETONE | 10 | ug/L | | J 8 | | | | |
| CHLOROFORM | 5 | ug/L | | | | | | 6 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 1 | BJ 1 | BJ 40 | BJ 26 | BJ 6 | |
| TRICHLOROETHENE | 5 | ug/L | | | 3300 | 1200 | | |
| VINYL CHLORIDE | 10 | ug/L | | | | | J 13 | |

Table 12-1 Site 9 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W09-25(A2) | W09-26(A1) | W09-27(A2) | W09-28(A2) | W09-29(A1) | W09-30(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1605 | MOF1625 | MOF1488 | MOF1598 | MOF1541 | MOF1615 |
| Sample Type==========> | | | ORIG | ORIG | ORIG | ORIG | ORIG | ORIG |
| Sample Date==========> | | | 05/15/91 | 05/17/91 | 04/23/91 | 05/14/91 | 05/03/91 | 05/16/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | J 31 | | 5 | | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | J 33 | J 12 | 8 | | J 30 | 82 |
| 1,1-DICHLOROETHENE | 5 | ug/L | 56 | J 24 | 15 | J 220 | J 44 | 75 |
| 1,2-DICHLOROETHENE | 5 | ug/L | | | 130 | | | |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | J 29 | 1300 | | J 370 | 580 | 1200 |
| BENZENE | 5 | ug/L | | J 12 | | | | J 21 |
| CHLOROFORM | 5 | ug/L | | | | | J 15 | |
| METHYLENE CHLORIDE | 5 | ug/L | | BJ 42 | | BJ 310 | BJ 20 | BJ 23 |
| TETRACHLOROETHENE | 5 | ug/L | | | | J 390 | | |
| TRICHLOROETHENE | 5 | ug/L | 1800 | J 13 | 39 | 19000 | 1700 | 420 |

Table 12-1 Site 9 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W09-31(A1) | W09-31(A1) | W09-33(A2) | W09-33(A2) | W09-34(A2) | W09-35(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1595 | MOF1596 | MOF1601 | MOF1603 | MOF1607 | MOF1590 |
| Sample Type==========> | | | ORIG | DUP | ORIG | DUP | ORIG | ORIG |
| Sample Date==========> | | | 05/14/91 | 05/14/91 | 05/14/91 | 05/14/91 | 05/15/91 | 05/13/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | | | | | J 29 | J 36 |
| 1,1-DICHLOROETHANE | 5 | ug/L | J 50 | J 56 | J 56 | J 56 | J 33 | J 53 |
| 1,1-DICHLOROETHENE | 5 | ug/L | 140 | 130 | J 200 | J 160 | J 85 | J 110 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | 1000 | 1200 | 410 | 450 | J 63 | 430 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 32 | BJ 48 | BJ 150 | BJ 110 | BJ 95 | |
| TETRACHLOROETHENE | 5 | ug/L | | | | | | J 120 |
| TRICHLOROETHENE | 5 | ug/L | 3100 | 3200 | 7500 | 7700 | 2800 | 4800 |

Table 12-1 Site 9 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W09-36(A2) | | W09-37(A1) | | W09-38(A1) | | W09-39(B2) | | W09-41(A2) | | W09-42(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1592 | | MOF1593 | | MOF1578 | | MOF1606 | | MOF1577 | | MOF1546 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/13/91 | | 05/13/91 | | 05/09/91 | | 05/15/91 | | 05/09/91 | | 05/03/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | J | 34 | J | 41 | J | 52 | | | | | J | 12 |
| 1,1-DICHLOROETHANE | 5 | ug/L | J | 66 | J | 62 | J | 71 | | | | | J | 36 |
| 1,1-DICHLOROETHENE | 5 | ug/L | | 140 | J | 100 | J | 74 | | | J | 170 | | 51 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | 690 | | 490 | | 460 | | | | 880 | | 630 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 34 | BJ | 33 | BJ | 44 | | | BJ | 220 | BJ | 13 |
| TETRACHLOROETHENE | 5 | ug/L | | | | | | | | | | | J | 16 |
| TRICHLOROETHENE | 5 | ug/L | | 4300 | | 3700 | | 4700 | | 9 | | 13000 | | 1400 |

Table 12-1 Site 9 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| | | | |
|---|---|---|---|
| Well Number==========> | | | W09-43(A2) |
| Sample Number==========> | | | MOF1600 |
| Sample Type==========> | | | ORIG |
| Sample Date==========> | | | 05/14/91 |
| Compounds | Quantitation limits | Units | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 2 |

# Inorganic Data

TABLE 12-2 SITE 9 - ANALYTICAL RESULTS SUMMARY, WATER SAMPLES, INORGANIC ANALYSES, NAS MOFFETT FIELD

Note: Inorganic analyses were not performed this quarter.

# B12.2 SITE 9 - RESULTS OF WATER SAMPLE ANALYSES

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 12-3
Site 9 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W09-01(A1) | | W09-01(A1) | | W09-02(A1) | | W09-03(C) | | W09-04(B2) | | W09-04(B2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1534 | | MOF1536 | | MOF1537 | | MOF1622 | | MOF1483 | | MOF1484 | |
| Sample Type==========> | | | ORIG | | TB | | ORIG | | ORIG | | ORIG | | TB | |
| Sample Date==========> | | | 05/02/91 | | 05/02/91 | | 05/02/91 | | 05/17/91 | | 04/22/91 | | 04/22/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | J | 18 | U | 5 | J | 2 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | 62 | U | 5 | | 9 | U | 5 | | | | |
| 1,2-DICHLOROETHYLENE | | ug/L | | | | | | | | | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | | | | | | | | | | | | | |
| 10 ug/L | | | U | 62 | U | 10 | U | 10 | U | 10 | U | 10 | | |
| 2-HEXANONE | 10 | ug/L | U | 62 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 62 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 62 | J | 7 | U | 10 | U | 10 | U | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 62 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 62 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 62 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | U | 250 | | | U | 250 | U | 250 | U | 50 | | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 12 | BJ | 3 | BJ | 1 | BJ | 2 | U | 5 | U | 5 |
| STYRENE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | | | | | | | | | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | | 840 | U | 5 | | 110 | U | 5 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 62 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 62 | U | 10 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 31 | U | 5 | U | 5 | U | 5 | | | | |

Table 12-3
Site 9 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W09-05(B3) | | W09-06(A1) | | W09-07(A1) | | W09-07(A1) | | W09-08(A2) | | W09-09(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1486 | | MOF1487 | | MOF1485 | | MOF1485DL | | MOF1586 | | MOF1612 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 04/22/91 | | 04/23/91 | | 04/22/91 | | 04/22/91 | | 05/10/91 | | 05/16/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | | 34 | DJ | 33 | U | 120 | J | 22 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | | 57 | DJ | 49 | J | 46 | J | 33 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | | 94 | DJ | 84 | J | 100 | J | 49 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | J | 4 | U | 5 | U | 130 | U | 120 | U | 62 |
| 1,2-DICHLOROETHENE | 5 | ug/L | | | U | 5 | | | | | | | | |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | | | | | | | | J | 78 | | 63 |
| 1,2-DICHLOROETHYLENE | | ug/L | U | 5 | | | | 94 | DJ | 79 | | | | |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 250 | U | 250 | U | 120 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 250 | U | 250 | U | 120 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 250 | U | 250 | U | 120 |
| ACETONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 250 | U | 250 | U | 120 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 250 | U | 250 | U | 120 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 250 | U | 250 | U | 120 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | J | 1 | U | 130 | U | 120 | U | 62 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 250 | U | 250 | U | 120 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| JP-5 | 250 | ug/L | U | 50 | U | 50 | U | 50 | | | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | U | 5 | BJ | 1 | BDJ | 65 | BJ | 42 | BJ | 25 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| TOTAL XYLENES | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | | | | |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 130 | U | 120 | U | 62 |
| TRICHLOROETHENE | 5 | ug/L | J | 4 | U | 5 | E | 2200 | D | 3600 | | 3100 | | 2200 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 250 | U | 250 | U | 120 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 250 | U | 250 | U | 120 |

Table 12-3
Site 9 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W09-05(B3) | W09-06(A1) | W09-07(A1) | W09-07(A1) | W09-08(A2) | W09-09(A2) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1486 | MOF1487 | MOF1485 | MOF1485DL | MOF1586 | MOF1612 |
| Sample Type==========> | | | ORIG | ORIG | ORIG | ORIG | ORIG | ORIG |
| Sample Date==========> | | | 04/22/91 | 04/23/91 | 04/22/91 | 04/22/91 | 05/10/91 | 05/16/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| XYLENES (TOTAL) | 5 | ug/L | | | | | U 120 | U 62 |

Table 12-3
Site 9 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W09-09(A2) | | W09-10(A1) | | W09-10(A1) | | W09-11(B2) | | W09-12(B2) | | W09-12(B2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1613 | | MOF1610 | | MOF1611 | | MOF1609 | | MOF1547 | | MOF1548 | |
| Sample Type==========> | | | DUP | | TB | | ORIG | | ORIG | | ORIG | | FB | |
| Sample Date==========> | | | 05/16/91 | | 05/16/91 | | 05/16/91 | | 05/15/91 | | 05/03/91 | | 05/03/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | J | 27 | U | 5 | J | 15 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | J | 43 | U | 5 | J | 47 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | J | 81 | U | 5 | | 110 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | J | 76 | U | 5 | | 790 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 200 | U | 10 | U | 100 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 200 | U | 10 | U | 100 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 200 | U | 10 | U | 100 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 200 | J | 9 | U | 100 | J | 6 | U | 10 | B | 14 |
| BENZENE | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 200 | U | 10 | U | 100 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 200 | U | 10 | U | 100 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 200 | U | 10 | U | 100 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | U | 250 | | | U | 250 | U | 250 | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 75 | BJ | 3 | BJ | 44 | BJ | 2 | U | 5 | BJ | 1 |
| STYRENE | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 100 | U | 5 | | 200 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | | 2700 | U | 5 | | 1600 | U | 5 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 200 | U | 10 | U | 100 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 200 | U | 10 | U | 100 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 100 | U | 5 | U | 50 | U | 5 | U | 5 | U | 5 |

Table 12-3
Site 9 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W09-13(A2) | | W09-13(A2) | | W09-14(A2) | | W09-14(A2) | | W09-14(A2) | | W09-15(B2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1480 | | MOF1480DL | | MOF1478 | | MOF1478DL | | MOF1479 | | MOF1481 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | | TB | | ORIG | |
| Sample Date==========> | | | 04/19/91 | | 04/19/91 | | 04/19/91 | | 04/19/91 | | 04/19/91 | | 04/22/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | | 34 | DJ | 38 | | 79 | U | 1300 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 130 | | 5 | U | 1300 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | | 47 | DJ | 39 | | 65 | U | 1300 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | | 73 | DJ | 69 | E | 360 | U | 1300 | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| 1,2-DICHLOROETHYLENE | | ug/L | | 73 | DJ | 62 | E | 510 | DJ | 480 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 250 | U | 10 | U | 2500 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 250 | U | 10 | U | 2500 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 250 | U | 10 | U | 2500 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 10 | U | 250 | U | 10 | U | 2500 | U | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 250 | U | 10 | U | 2500 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 250 | U | 10 | U | 2500 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | J | 1 | U | 130 | J | 3 | U | 1300 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 250 | U | 10 | U | 2500 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | U | 50 | | | U | 50 | | | | | U | 50 |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | BDJ | 33 | U | 5 | BDJ | 420 | U | 5 | U | 5 |
| STYRENE | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 130 | | 55 | U | 1300 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 130 | U | 5 | U | 1300 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | BE | 1500 | BD | 2400 | E | 8700 | BD | 27000 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 250 | U | 10 | U | 2500 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 250 | U | 10 | U | 2500 | U | 10 | U | 10 |

Table 12-3
Site 9 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W09-15(B2) | | W09-15(B2) | | W09-15(B2) | | W09-16(A1) | | W09-17(A2) | | W09-18(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1481MS | | MOF1481MSD | | MOF1482 | | MOF1580 | | MOF1545 | | MOF1602 | |
| Sample Type==========> | | | MS | | MSD | | DUP | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 04/22/91 | | 04/22/91 | | 04/22/91 | | 05/09/91 | | 05/03/91 | | 05/14/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| 1,1-DICHLOROETHANE | 5 | ug/L | | | | | U | 5 | | 14 | J | 73 | U | 500 |
| 1,1-DICHLOROETHENE | 5 | ug/L | | | | | U | 5 | J | 8 | J | 180 | J | 200 |
| 1,2-DICHLOROETHANE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | | | | | | | 16 | | 720 | | 1700 |
| 1,2-DICHLOROETHYLENE | | ug/L | | | | | U | 5 | | | | | | |
| 1,2-DICHLOROPROPANE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| 2-BUTANONE | 10 | ug/L | | | | | U | 10 | U | 17 | U | 500 | U | 1000 |
| 2-HEXANONE | 10 | ug/L | | | | | U | 10 | U | 17 | U | 500 | U | 1000 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | | | | | U | 10 | U | 17 | U | 500 | U | 1000 |
| ACETONE | 10 | ug/L | | | | | U | 10 | U | 17 | U | 500 | U | 1000 |
| BENZENE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| BROMODICHLOROMETHANE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| BROMOFORM | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| BROMOMETHANE | 10 | ug/L | | | | | U | 10 | U | 17 | U | 500 | U | 1000 |
| CARBON DISULFIDE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| CARBON TETRACHLORIDE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| CHLOROBENZENE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| CHLOROETHANE | 10 | ug/L | | | | | U | 10 | U | 17 | U | 500 | U | 1000 |
| CHLOROFORM | 5 | ug/L | | | | | U | 5 | J | 5 | U | 250 | U | 500 |
| CHLOROMETHANE | 10 | ug/L | | | | | U | 10 | U | 17 | U | 500 | U | 1000 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| ETHYLBENZENE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| JP-5 | 250 | ug/L | | | | | U | 50 | U | 250 | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | | | | | U | 5 | BJ | 3 | BJ | 90 | BJ | 190 |
| STYRENE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| TETRACHLOROETHENE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | J | 240 |
| TOLUENE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| TOTAL XYLENES | 5 | ug/L | | | | | U | 5 | | | | | | |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | | | | | U | 5 | U | 8 | U | 250 | U | 500 |
| TRICHLOROETHENE | 5 | ug/L | | | | | U | 5 | | 180 | | 9200 | | 12000 |
| VINYL ACETATE | 10 | ug/L | | | | | U | 10 | U | 17 | U | 500 | U | 1000 |
| VINYL CHLORIDE | 10 | ug/L | | | | | U | 10 | U | 17 | U | 500 | U | 1000 |
| XYLENES (TOTAL) | 5 | ug/L | | | | | | | U | 8 | U | 250 | U | 500 |

Table 12-3
Site 9 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Well Number==========> | | W09-15(B2) | W09-15(B2) | W09-15(B2) | W09-16(A1) | W09-17(A2) | W09-18(A1) |
| Sample Number==========> | | MOF1481MS | MOF1481MSD | MOF1482 | MOF1580 | MOF1545 | MOF1602 |
| Sample Type==========> | | MS | MSD | DUP | ORIG | ORIG | ORIG |
| Sample Date==========> | | 04/22/91 | 04/22/91 | 04/22/91 | 05/09/91 | 05/03/91 | 05/14/91 |
| Compounds | Quantitation limits | Units | | | | | |

Table 12-3
Site 9 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W09-19(A1) | | W09-20(A2) | | W09-21(A2) | | W09-21(A2) | | W09-22(A2) | | W09-22(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1581 | | MOF1591 | | MOF1623 | | MOF1624 | | MOF1594 | | MOF1597 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | FB | | TB | | ORIG | |
| Sample Date==========> | | | 05/09/91 | | 05/13/91 | | 05/17/91 | | 05/17/91 | | 05/14/91 | | 05/14/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 25 | U | 620 | J | 30 | U | 5 | U | 5 | U | 130 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| 1,1-DICHLOROETHANE | 5 | ug/L | | 30 | U | 620 | J | 30 | U | 5 | U | 5 | J | 26 |
| 1,1-DICHLOROETHENE | 5 | ug/L | J | 20 | J | 260 | | 130 | U | 5 | U | 5 | J | 55 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | 60 | J | 420 | J | 120 | U | 5 | U | 5 | | 160 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| 2-BUTANONE | 10 | ug/L | U | 50 | U | 1200 | U | 250 | U | 10 | U | 10 | U | 250 |
| 2-HEXANONE | 10 | ug/L | U | 50 | U | 1200 | U | 250 | U | 10 | U | 10 | U | 250 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 50 | U | 1200 | U | 250 | U | 10 | U | 10 | U | 250 |
| ACETONE | 10 | ug/L | U | 50 | U | 1200 | U | 250 | U | 10 | J | 8 | U | 250 |
| BENZENE | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| BROMOFORM | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| BROMOMETHANE | 10 | ug/L | U | 50 | U | 1200 | U | 250 | U | 10 | U | 10 | U | 250 |
| CARBON DISULFIDE | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| CHLOROBENZENE | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| CHLOROETHANE | 10 | ug/L | U | 50 | U | 1200 | U | 250 | U | 10 | U | 10 | U | 250 |
| CHLOROFORM | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| CHLOROMETHANE | 10 | ug/L | U | 50 | U | 1200 | U | 250 | U | 10 | U | 10 | U | 250 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| ETHYLBENZENE | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| JP-5 | 250 | ug/L | U | 250 | U | 250 | U | 250 | U | 250 | | | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 11 | J | 170 | B | 140 | BJ | 1 | BJ | 1 | BJ | 40 |
| STYRENE | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| TETRACHLOROETHENE | 5 | ug/L | U | 25 | J | 480 | | 310 | U | 5 | U | 5 | U | 130 |
| TOLUENE | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |
| TRICHLOROETHENE | 5 | ug/L | | 700 | | 18000 | | 4400 | U | 5 | U | 5 | | 3300 |
| VINYL ACETATE | 10 | ug/L | U | 50 | U | 1200 | U | 250 | U | 10 | U | 10 | U | 250 |
| VINYL CHLORIDE | 10 | ug/L | U | 50 | U | 1200 | U | 250 | U | 10 | U | 10 | U | 250 |
| XYLENES (TOTAL) | 5 | ug/L | U | 25 | U | 620 | U | 120 | U | 5 | U | 5 | U | 130 |

Table 12-3
Site 9 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W09-23(A1) | | W09-24(A1) | | W09-25(A2) | | W09-25(A2) | | W09-26(A1) | | W09-27(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1599 | | MOF1608 | | MOF1604 | | MOF1605 | | MOF1625 | | MOF1488 | |
| Sample Type==========> | | | ORIG | | ORIG | | TB | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/14/91 | | 05/15/91 | | 05/15/91 | | 05/15/91 | | 05/17/91 | | 04/23/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 50 | U | 10 | U | 5 | J | 31 | U | 50 | | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | J | 32 | | 16 | U | 5 | J | 33 | J | 12 | | 8 |
| 1,1-DICHLOROETHENE | 5 | ug/L | J | 34 | J | 6 | U | 5 | | 56 | J | 24 | | 15 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| 1,2-DICHLOROETHENE | 5 | ug/L | | | | | | | | | | | | 130 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | 85 | | 400 | U | 5 | J | 29 | | 1300 | | |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 100 | U | 20 | U | 10 | U | 100 | U | 100 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 100 | U | 20 | U | 10 | U | 100 | U | 100 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 100 | U | 20 | U | 10 | U | 100 | U | 100 | U | 10 |
| ACETONE | 10 | ug/L | U | 100 | U | 20 | U | 10 | U | 100 | U | 100 | U | 10 |
| BENZENE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | J | 12 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 100 | U | 20 | U | 10 | U | 100 | U | 100 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 100 | U | 20 | U | 10 | U | 100 | U | 100 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 50 | U | 10 | | 6 | U | 50 | U | 50 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 100 | U | 20 | U | 10 | U | 100 | U | 100 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| JP-5 | 250 | ug/L | U | 250 | U | 250 | | | U | 250 | U | 250 | U | 50 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 26 | BJ | 6 | U | 5 | U | 50 | BJ | 42 | U | 5 |
| STYRENE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| TOLUENE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | | | | | | | | | | | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | | 1200 | U | 10 | U | 5 | | 1800 | J | 13 | | 39 |
| VINYL ACETATE | 10 | ug/L | U | 100 | U | 20 | U | 10 | U | 100 | U | 100 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 100 | J | 13 | U | 10 | U | 100 | U | 100 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 50 | U | 10 | U | 5 | U | 50 | U | 50 | | |

Table 12-3
Site 9 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W09-28(A2) | | W09-29(A1) | | W09-30(A1) | | W09-31(A1) | | W09-31(A1) | | W09-33(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1598 | | MOF1541 | | MOF1615 | | MOF1595 | | MOF1596 | | MOF1601 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | | DUP | | ORIG | |
| Sample Date==========> | | | 05/14/91 | | 05/03/91 | | 05/16/91 | | 05/14/91 | | 05/14/91 | | 05/14/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 620 | J | 30 | | 82 | J | 50 | J | 56 | J | 56 |
| 1,1-DICHLOROETHENE | 5 | ug/L | J | 220 | J | 44 | | 75 | | 140 | | 130 | J | 200 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | J | 370 | | 580 | | 1200 | | 1000 | | 1200 | | 410 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| 2-BUTANONE | 10 | ug/L | U | 1200 | U | 120 | U | 100 | U | 250 | U | 250 | U | 500 |
| 2-HEXANONE | 10 | ug/L | U | 1200 | U | 120 | U | 100 | U | 250 | U | 250 | U | 500 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 1200 | U | 120 | U | 100 | U | 250 | U | 250 | U | 500 |
| ACETONE | 10 | ug/L | U | 1200 | U | 120 | U | 100 | U | 250 | U | 250 | U | 500 |
| BENZENE | 5 | ug/L | U | 620 | U | 62 | J | 21 | U | 130 | U | 120 | U | 250 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| BROMOFORM | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| BROMOMETHANE | 10 | ug/L | U | 1200 | U | 120 | U | 100 | U | 250 | U | 250 | U | 500 |
| CARBON DISULFIDE | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| CHLOROBENZENE | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| CHLOROETHANE | 10 | ug/L | U | 1200 | U | 120 | U | 100 | U | 250 | U | 250 | U | 500 |
| CHLOROFORM | 5 | ug/L | U | 620 | J | 15 | U | 50 | U | 130 | U | 120 | U | 250 |
| CHLOROMETHANE | 10 | ug/L | U | 1200 | U | 120 | U | 100 | U | 250 | U | 250 | U | 500 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| ETHYLBENZENE | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| JP-5 | 250 | ug/L | U | 250 | U | 250 | U | 250 | U | 250 | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 310 | BJ | 20 | BJ | 23 | BJ | 32 | BJ | 48 | BJ | 150 |
| STYRENE | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| TETRACHLOROETHENE | 5 | ug/L | J | 390 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| TOLUENE | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |
| TRICHLOROETHENE | 5 | ug/L | | 19000 | | 1700 | | 420 | | 3100 | | 3200 | | 7500 |
| VINYL ACETATE | 10 | ug/L | U | 1200 | U | 120 | U | 100 | U | 250 | U | 250 | U | 500 |
| VINYL CHLORIDE | 10 | ug/L | U | 1200 | U | 120 | U | 100 | U | 250 | U | 250 | U | 500 |
| XYLENES (TOTAL) | 5 | ug/L | U | 620 | U | 62 | U | 50 | U | 130 | U | 120 | U | 250 |

Table 12-3
Site 9 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W09-33(A2) | | W09-34(A2) | | W09-35(A1) | | W09-35(A1) | | W09-36(A2) | | W09-37(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1603 | | MOF1607 | | MOF1589 | | MOF1590 | | MOF1592 | | MOF1593 | |
| Sample Type==========> | | | DUP | | ORIG | | TB | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/14/91 | | 05/15/91 | | 05/13/91 | | 05/13/91 | | 05/13/91 | | 05/13/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 250 | J | 29 | U | 5 | J | 36 | J | 34 | J | 41 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| 1,1-DICHLOROETHANE | 5 | ug/L | J | 56 | J | 33 | U | 5 | J | 53 | J | 66 | J | 62 |
| 1,1-DICHLOROETHENE | 5 | ug/L | J | 160 | J | 85 | U | 5 | J | 110 | | 140 | J | 100 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | 450 | J | 63 | U | 5 | | 430 | | 690 | | 490 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| 2-BUTANONE | 10 | ug/L | U | 500 | U | 250 | U | 10 | U | 250 | U | 250 | U | 250 |
| 2-HEXANONE | 10 | ug/L | U | 500 | U | 250 | U | 10 | U | 250 | U | 250 | U | 250 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 500 | U | 250 | U | 10 | U | 250 | U | 250 | U | 250 |
| ACETONE | 10 | ug/L | U | 500 | U | 250 | U | 10 | U | 250 | U | 250 | U | 250 |
| BENZENE | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| BROMOFORM | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| BROMOMETHANE | 10 | ug/L | U | 500 | U | 250 | U | 10 | U | 250 | U | 250 | U | 250 |
| CARBON DISULFIDE | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| CHLOROBENZENE | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| CHLOROETHANE | 10 | ug/L | U | 500 | U | 250 | U | 10 | U | 250 | U | 250 | U | 250 |
| CHLOROFORM | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| CHLOROMETHANE | 10 | ug/L | U | 500 | U | 250 | U | 10 | U | 250 | U | 250 | U | 250 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| ETHYLBENZENE | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| JP-5 | 250 | ug/L | U | 250 | U | 250 | | | U | 250 | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 110 | BJ | 95 | U | 5 | U | 120 | BJ | 34 | BJ | 33 |
| STYRENE | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| TETRACHLOROETHENE | 5 | ug/L | U | 250 | U | 120 | U | 5 | J | 120 | U | 120 | U | 120 |
| TOLUENE | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |
| TRICHLOROETHENE | 5 | ug/L | | 7700 | | 2800 | U | 5 | | 4800 | | 4300 | | 3700 |
| VINYL ACETATE | 10 | ug/L | U | 500 | U | 250 | U | 10 | U | 250 | U | 250 | U | 250 |
| VINYL CHLORIDE | 10 | ug/L | U | 500 | U | 250 | U | 10 | U | 250 | U | 250 | U | 250 |
| XYLENES (TOTAL) | 5 | ug/L | U | 250 | U | 120 | U | 5 | U | 120 | U | 120 | U | 120 |

Table 12-3
Site 9 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W09-38(A1) | | W09-39(B2) | | W09-40(B2) | | W09-40(B2) | | W09-41(A2) | | W09-42(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1578 | | MOF1606 | | MOF1587 | | MOF1588 | | MOF1577 | | MOF1546 | |
| Sample Type==========> | | | ORIG | | ORIG | | FB | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/09/91 | | 05/15/91 | | 05/10/91 | | 05/10/91 | | 05/09/91 | | 05/03/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | J | 52 | U | 5 | U | 5 | U | 5 | U | 500 | J | 12 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| 1,1-DICHLOROETHANE | 5 | ug/L | J | 71 | U | 5 | U | 5 | U | 5 | U | 500 | J | 36 |
| 1,1-DICHLOROETHENE | 5 | ug/L | J | 74 | U | 5 | U | 5 | U | 5 | J | 170 | | 51 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | 460 | U | 5 | U | 5 | U | 5 | | 880 | | 630 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| 2-BUTANONE | 10 | ug/L | U | 250 | U | 10 | U | 10 | U | 10 | U | 1000 | U | 100 |
| 2-HEXANONE | 10 | ug/L | U | 250 | U | 10 | U | 10 | U | 10 | U | 1000 | U | 100 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 250 | U | 10 | U | 10 | U | 10 | U | 1000 | U | 100 |
| ACETONE | 10 | ug/L | U | 250 | U | 10 | U | 10 | U | 10 | U | 1000 | U | 100 |
| BENZENE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| BROMOFORM | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| BROMOMETHANE | 10 | ug/L | U | 250 | U | 10 | U | 10 | U | 10 | U | 1000 | U | 100 |
| CARBON DISULFIDE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| CHLOROBENZENE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| CHLOROETHANE | 10 | ug/L | U | 250 | U | 10 | U | 10 | U | 10 | U | 1000 | U | 100 |
| CHLOROFORM | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| CHLOROMETHANE | 10 | ug/L | U | 250 | U | 10 | U | 10 | U | 10 | U | 1000 | U | 100 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| ETHYLBENZENE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| JP-5 | 250 | ug/L | U | 250 | U | 250 | U | 250 | U | 250 | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 44 | U | 5 | U | 5 | U | 5 | BJ | 220 | BJ | 13 |
| STYRENE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| TETRACHLOROETHENE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | J | 16 |
| TOLUENE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |
| TRICHLOROETHENE | 5 | ug/L | | 4700 | | 9 | U | 5 | U | 5 | | 13000 | | 1400 |
| VINYL ACETATE | 10 | ug/L | U | 250 | U | 10 | U | 10 | U | 10 | U | 1000 | U | 100 |
| VINYL CHLORIDE | 10 | ug/L | U | 250 | U | 10 | U | 10 | U | 10 | U | 1000 | U | 100 |
| XYLENES (TOTAL) | 5 | ug/L | U | 120 | U | 5 | U | 5 | U | 5 | U | 500 | U | 50 |

Table 12-3
Site 9 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| | | | | |
|---|---|---|---|---|
| Well Number==========> | | | W09-43(A2) | |
| Sample Number==========> | | | MOF1600 | |
| Sample Type==========> | | | ORIG | |
| Sample Date==========> | | | 05/14/91 | |
| Compounds | Quantitation limits | Units | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 |
| ACETONE | 10 | ug/L | U | 10 |
| BENZENE | 5 | ug/L | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 |
| JP-5 | 250 | ug/L | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 2 |
| STYRENE | 5 | ug/L | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 |

# B13.0 SITE 12 - ANALYTICAL RESULTS

B13.1 SITE 12 - ANALYTICAL RESULTS

SUMMARY TABLES

# NOTES

Phase II samples from NAS Moffett Field have been analyzed in accordance with EPA - CLP protocols and in accordance with the normal QA/QC requirements associated with the program. The data have not yet undergone the validation process described in the EPA Functional Guidelines for Evaluating Inorganic Analyses (July 1988) and the Functional Guidelines for Evaluating Organic Analyses (February 1988). Therefore, the data should be considered preliminary.

For Sites 3 through 7, the following list of 24 compounds comprises the total chlorinated volatile organic compounds (TCVOC):

- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,2-Dichloroethane
- 1,2-Dichloroethane-D4
- 1,2-Dichloroethene
- 1,2-Dichloroethene (total)
- 1,2-Dichloroethylene
- 1,2-Dichloropropane
- Bromodichloromethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- cis-1,3-dichloropropene
- Dibromochloromethane
- Methylene chloride
- Tetrachloroethene
- Trans-1,3-dichloropropene
- Trichloroethene
- Vinyl chloride.

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

TABLE 13-1 SITE 12 - ANALYTICAL RESULTS SUMMARY, WATER SAMPLES, ORGANIC ANALYSES, NAS MOFFETT FIELD

Note: There were no organic "hits" for Site 12.

# Inorganic Data

TABLE 13-2 SITE 12 - ANALYTICAL RESULTS SUMMARY, WATER SAMPLES, INORGANIC ANALYSES, NAS MOFFETT FIELD

Note: There were no inorganic "hits" for Site 12

# B13.2 SITE 12 - RESULTS OF WATER SAMPLE ANALYSES

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 13-3
Site 12 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Compounds | Quantitation limits | Units | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number==========> | | | W12-01(A1) | | W12-02(A1) | | W12-03(A1) | | W12-03(A1) | |
| Sample Number==========> | | | MOF1489 | | MOF1491 | | MOF1492 | | MOF1493 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | TB | |
| Sample Date==========> | | | 04/23/91 | | 04/23/91 | | 04/23/91 | | 04/23/91 | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | | |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |

# B14.0 SITE 14 - ANALYTICAL RESULTS

B14.1 SITE 14 - ANALYTICAL RESULTS

SUMMARY TABLES

## NOTES

Phase II samples from NAS Moffett Field have been analyzed in accordance with EPA - CLP protocols and in accordance with the normal QA/QC requirements associated with the program. The data have not yet undergone the validation process described in the EPA Functional Guidelines for Evaluating Inorganic Analyses (July 1988) and the Functional Guidelines for Evaluating Organic Analyses (February 1988). Therefore, the data should be considered preliminary.

For Sites 3 through 7, the following list of 24 compounds comprises the total chlorinated volatile organic compounds (TCVOC):

- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,2-Dichloroethane
- 1,2-Dichloroethane-D4
- 1,2-Dichloroethene
- 1,2-Dichloroethene (total)
- 1,2-Dichloroethylene
- 1,2-Dichloropropane
- Bromodichloromethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- cis-1,3-dichloropropene
- Dibromochloromethane
- Methylene chloride
- Tetrachloroethene
- Trans-1,3-dichloropropene
- Trichloroethene
- Vinyl chloride.

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 14-1 Site 14 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W14-01(A2) | W14-01(A2) | W14-02(A1) | W14-04(A1) | W14-05(A2) | W14-05(A2) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1471 | MOF1472 | MOF1473 | MOF1469 | MOF1474 | MOF1475 |
| Sample Type==========> | | | ORIG | TB | ORIG | ORIG | ORIG | DUP |
| Sample Date==========> | | | 04/16/91 | 04/16/91 | 04/16/91 | 04/16/91 | 04/19/91 | 04/19/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | J 2 | | | | 7 | 7 |
| 1,1-DICHLOROETHANE | 5 | ug/L | J 3 | | | | J 4 | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | J 2 | | | | 13 | 14 |
| 1,2-DICHLOROETHANE | 5 | ug/L | J 1 | | | | | |
| 1,2-DICHLOROETHENE | 5 | ug/L | J 2 | | | | | |
| 1,2-DICHLOROETHYLENE | | ug/L | | | | | 15 | 17 |
| BENZENE | 5 | ug/L | | | D 7000 | | | |
| ETHYLBENZENE | 5 | ug/L | | | D 670 | | | |
| JP-5 | 250 | ug/L | | | J 1900 | | | |
| METHYLENE CHLORIDE | 5 | ug/L | | BJ 1 | BDJ 190 | BJ 1 | | |
| TOLUENE | 5 | ug/L | | | D 1200 | | | |
| TOTAL XYLENES | 5 | ug/L | | J 1 | D 1100 | | | |
| TRICHLOROETHENE | 5 | ug/L | 7 | | | | 180 | 190 |

Table 14-1 Site 14 - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| | | | | |
|---|---|---|---|---|
| Well Number==========> | | | | W14-06(A2) |
| Sample Number==========> | | | | MOF1470 |
| Sample Type==========> | | | | ORIG |
| Sample Date==========> | | | | 04/16/91 |
| Compounds | Quantitation limits | Units | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | | 6 |
| 1,1-DICHLOROETHANE | 5 | ug/L | J | 3 |
| 1,1-DICHLOROETHENE | 5 | ug/L | | 6 |
| 1,2-DICHLOROETHANE | 5 | ug/L | J | 1 |
| 1,2-DICHLOROETHENE | 5 | ug/L | J | 3 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 1 |

# Inorganic Data

TABLE 14-2 SITE 14 - ANALYTICAL RESULTS SUMMARY, WATER SAMPLES
INORGANIC ANALYSES, NAS MOFFETT FIELD

Note: Inorganic analyses were not performed this quarter.

# B14.2 SITE 14 - RESULTS OF WATER SAMPLE ANALYSES

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

FOOTNOTES FOR DATA TABLES (Continued)

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 14-3
Site 14 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Compounds | Quantitation limits | Units | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Well Number==========> | | | W14-01(A2) | | W14-01(A2) | | W14-02(A1) | | W14-02(A1) | | W14-03(A1) | | W14-03(A1) | |
| Sample Number==========> | | | MOF1471 | | MOF1472 | | MOF1473 | | MOF1473DL | | MOF1476 | | MOF1477 | |
| Sample Type==========> | | | ORIG | | TB | | ORIG | | ORIG | | FB | | ORIG | |
| Sample Date==========> | | | 04/16/91 | | 04/16/91 | | 04/16/91 | | 04/16/91 | | 04/19/91 | | 04/19/91 | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | J | 2 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | J | 3 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | J | 2 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | J | 1 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE | 5 | ug/L | J | 2 | U | 5 | U | 5 | U | 250 | | | | |
| 1,2-DICHLOROETHYLENE | | ug/L | | | | | | | | | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | E | 3200 | D | 7000 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | E | 550 | D | 670 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | U | 50 | | | J | 1900 | | | U | 50 | U | 50 |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | BJ | 1 | U | 5 | BDJ | 190 | U | 5 | U | 5 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | E | 850 | D | 1200 | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | U | 5 | J | 1 | E | 960 | D | 1100 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | | 7 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |

Table 14-3
Site 14 - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W14-04(A1) | | W14-05(A2) | | W14-05(A2) | | W14-06(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1469 | | MOF1474 | | MOF1475 | | MOF1470 | |
| Sample Type==========> | | | ORIG | | ORIG | | DUP | | ORIG | |
| Sample Date==========> | | | 04/16/91 | | 04/19/91 | | 04/19/91 | | 04/16/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | | 7 | | 7 | | 6 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | J | 4 | | 5 | J | 3 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | | 13 | | 14 | | 6 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | J | 1 |
| 1,2-DICHLOROETHENE | 5 | ug/L | U | 5 | | | | | J | 3 |
| 1,2-DICHLOROETHYLENE | | ug/L | | | | 15 | | 17 | | |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | U | 50 | U | 50 | U | 50 | U | 50 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 1 | U | 5 | U | 5 | BJ | 1 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| TOTAL XYLENES | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | | 180 | | 190 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 |

# B15.0 MEW AREA - ANALYTICAL RESULTS

B15.1 MEW AREA - ANALYTICAL RESULTS

SUMMARY TABLES

## NOTES

Phase II samples from NAS Moffett Field have been analyzed in accordance with EPA - CLP protocols and in accordance with the normal QA/QC requirements associated with the program. The data have not yet undergone the validation process described in the EPA Functional Guidelines for Evaluating Inorganic Analyses (July 1988) and the Functional Guidelines for Evaluating Organic Analyses (February 1988). Therefore, the data should be considered preliminary.

For Sites 3 through 7, the following list of 24 compounds comprises the total chlorinated volatile organic compounds (TCVOC):

- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,2-Dichloroethane
- 1,2-Dichloroethane-D4
- 1,2-Dichloroethene
- 1,2-Dichloroethene (total)
- 1,2-Dichloroethylene
- 1,2-Dichloropropane
- Bromodichloromethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- cis-1,3-dichloropropene
- Dibromochloromethane
- Methylene chloride
- Tetrachloroethene
- Trans-1,3-dichloropropene
- Trichloroethene
- Vinyl chloride.

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 15-1 MEW Area - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | ME2(A2) | ME2(A2) | ME2(A2) | ME2(A2) | MEW-004(A2) | MEW-012(A2) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1656 | MOF1657 | MOF1658 | MOF1659 | MOF1692 | MOF1688 |
| Sample Type==========> | | | TB | ER | FB | ORIG | ORIG | ORIG |
| Sample Date==========> | | | 05/24/91 | 05/24/91 | 05/24/91 | 05/24/91 | 05/29/91 | 05/29/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | | | | 8 | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | | | | J 2 | | |
| 1,1-DICHLOROETHENE | 5 | ug/L | | | | 21 | | J 30 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | | | | J 200 | J 40 |
| ACETONE | 10 | ug/L | | J 8 | 10 | | | |
| BROMODICHLOROMETHANE | 5 | ug/L | | | 6 | | | |
| CHLOROFORM | 5 | ug/L | | | 93 | J 3 | | |
| METHYLENE CHLORIDE | 5 | ug/L | B 5 | B 5 | BJ 4 | B 5 | B 720 | BJ 53 |
| TRICHLOROETHENE | 5 | ug/L | | | | 8 | 17000 | 3900 |

Table 15-1 MEW Area - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | MEW-017(B2) | MEW-017(B2) | MEW-046(A2) | MEW-046(A2) | MEW-064(A1) | MEW-065(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1639 | MOF1640 | MOF1687 | MOF1693 | MOF1665 | MOF1677 |
| Sample Type==========> | | | ER | ORIG | ORIG | TB | ORIG | ORIG |
| Sample Date==========> | | | 05/22/91 | 05/22/91 | 05/29/91 | 05/29/91 | 05/24/91 | 05/28/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | | | | | | J 37 |
| 1,1-DICHLOROETHANE | 5 | ug/L | | | | | J 2 | J 38 |
| 1,1-DICHLOROETHENE | 5 | ug/L | | | J 120 | | | J 30 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | | 270 | | J 3 | 210 |
| ACETONE | 10 | ug/L | J 4 | | | BJ 7 | J 3 | |
| CHLOROFORM | 5 | ug/L | | | | | | J 14 |
| METHYLENE CHLORIDE | 5 | ug/L | | BJ 2 | BJ 200 | BJ 2 | BJ 3 | BJ 33 |
| TRICHLOROETHENE | 5 | ug/L | | | 5000 | | 16 | 1400 |

Table 15-1 MEW Area - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | MEW-068(A2) | MEW-072-1(A1) | MEW-074(A1) | MEW-074(A1) | MEW-074(A1) | MEW-075(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1690 | MOF1654 | MOF1666 | MOF1667 | MOF1678 | MOF1668 |
| Sample Type==========> | | | ORIG | ORIG | ORIG | DUP | TB | ORIG |
| Sample Date==========> | | | 05/29/91 | 05/23/91 | 05/28/91 | 05/28/91 | 05/28/91 | 05/28/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | | J 2 | 10 | 11 | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | | 6 | 11 | 7 | | J 4 |
| 1,1-DICHLOROETHENE | 5 | ug/L | | J 2 | 10 | 11 | | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | J 3 | 15 | 16 | | 76 |
| ACETONE | 10 | ug/L | | | | | J 4 | J 3 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 110 | BJ 3 | BJ 1 | BJ 2 | | BJ 2 |
| TETRACHLOROETHENE | 5 | ug/L | | 7 | | | | |
| TRICHLOROETHENE | 5 | ug/L | 5400 | 27 | 42 | 47 | | 120 |

Table 15-1 MEW Area - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | MEW-078(A2) | | MEW-079-1(A2) | | MEW-081(A1) | | MEW-082-1(A1) | | MEW-083-1(A2) | | MEW-083-1(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1676 | | MOF1653 | | MOF1675 | | MOF1691 | | MOF1651 | | MOF1652 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | ORIG | | ORIG | | DUP | |
| Sample Date==========> | | | 05/28/91 | | 05/23/91 | | 05/28/91 | | 05/29/91 | | 05/23/91 | | 05/23/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | J | 12 | J | 2 | | | | | | | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | | | J | 2 | | 48 | J | 120 | | | | |
| 1,1-DICHLOROETHENE | 5 | ug/L | J | 10 | | | | 27 | J | 96 | | | | |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | | J | 2 | | 300 | | 350 | | | | |
| ACETONE | 10 | ug/L | | | | | | | | | | 11 | | 12 |
| CHLOROFORM | 5 | ug/L | | | J | 1 | | | | | | | J | 2 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 16 | | | B | 14 | BJ | 110 | BJ | 3 | BJ | 2 |
| TOLUENE | 5 | ug/L | | | J | 2 | | | | | | | | |
| TRICHLOROETHENE | 5 | ug/L | | 940 | | 9 | | 400 | | 6100 | | 8 | J | 3 |

Table 15-1 MEW Area - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | MEW-085(A1) | MEW-088(A1) | MEW-089(A1) | MEW-089(A1) | MEW-121(B2) |
|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1650 | MOF1664 | MOF1685 | MOF1694 | MOF1648 |
| Sample Type==========> | | | ORIG | ORIG | ORIG | TB | ORIG |
| Sample Date==========> | | | 05/23/91 | 05/24/91 | 05/29/91 | 05/29/91 | 05/23/91 |
| Compounds | Quantitation limits | Units | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | | | J 10 | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | J 75 | | J 30 | | |
| 1,1-DICHLOROETHENE | 5 | ug/L | J 88 | | J 23 | | |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | 390 | | J 31 | | |
| ACETONE | 10 | ug/L | 500 | J 6 | | | |
| CARBON TETRACHLORIDE | 5 | ug/L | J 250 | | | | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 120 | BJ 1 | BJ 21 | BJ 1 | J 1 |
| TOLUENE | 5 | ug/L | | | | | J 1 |
| TRICHLOROETHENE | 5 | ug/L | 6200 | 48 | 1000 | | |

# Inorganic Data

TABLE 15-2 MEW AREA - ANALYTICAL RESULTS SUMMARY, WATER SAMPLES
INORGANIC ANALYSES, NAS MOFFETT FIELD

Note: Inorganic analyses were not performed this quarter.

B15.2 MEW - RESULTS OF WATER SAMPLE ANALYSES

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

FOOTNOTES FOR DATA TABLES (Continued)

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 15-3
MEW Area - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | ME2(A2) | | ME2(A2) | | ME2(A2) | | ME2(A2) | | MEW-004(A2) | | MEW-012(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1656 | | MOF1657 | | MOF1658 | | MOF1659 | | MOF1692 | | MOF1688 | |
| Sample Type==========> | | | TB | | ER | | FB | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/24/91 | | 05/24/91 | | 05/24/91 | | 05/24/91 | | 05/29/91 | | 05/29/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | | 8 | U | 620 | U | 120 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | J | 2 | U | 620 | U | 120 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | | 21 | U | 620 | J | 30 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | J | 200 | J | 40 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 1200 | U | 250 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 1200 | U | 250 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 1200 | U | 250 |
| ACETONE | 10 | ug/L | U | 10 | J | 8 | | 10 | U | 10 | U | 1200 | U | 250 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | | 6 | U | 5 | U | 620 | U | 120 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 1200 | U | 250 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 1200 | U | 250 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | | 93 | J | 3 | U | 620 | U | 120 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 1200 | U | 250 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| JP-5 | 250 | ug/L | | | U | 250 | U | 250 | U | 250 | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | B | 5 | B | 5 | BJ | 4 | B | 5 | B | 720 | BJ | 53 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | | 8 | | 17000 | | 3900 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 1200 | U | 250 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 10 | U | 1200 | U | 250 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 5 | U | 620 | U | 120 |

Table 15-3
MEW Area - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | MEW-017(B2) | | MEW-017(B2) | | MEW-017(B2) | | MEW-046(A2) | | MEW-046(A2) | | MEW-064(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1639 | | MOF1640 | | MOF1642 | | MOF1687 | | MOF1693 | | MOF1665 | |
| Sample Type==========> | | | ER | | ORIG | | TB | | ORIG | | TB | | ORIG | |
| Sample Date==========> | | | 05/22/91 | | 05/22/91 | | 05/22/91 | | 05/29/91 | | 05/29/91 | | 05/24/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | J | 2 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | J | 120 | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | | 270 | U | 5 | J | 3 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | J | 4 | U | 10 | U | 10 | U | 500 | BJ | 7 | J | 3 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | U | 250 | U | 250 | | | U | 250 | | | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | BJ | 2 | U | 5 | BJ | 200 | BJ | 2 | BJ | 3 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 5 | | 5000 | U | 5 | | 16 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 10 | U | 500 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 5 | U | 250 | U | 5 | U | 5 |

Table 15-3
MEW Area - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | MEW-065(A1) | | MEW-068(A2) | | MEW-072-1(A1) | | MEW-072-1(A1) | | MEW-074(A1) | | MEW-074(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1677 | | MOF1690 | | MOF1654 | | MOF1655 | | MOF1666 | | MOF1667 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | TB | | ORIG | | DUP | |
| Sample Date==========> | | | 05/28/91 | | 05/29/91 | | 05/23/91 | | 05/23/91 | | 05/28/91 | | 05/28/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | J | 37 | U | 250 | J | 2 | U | 5 | | 10 | | 11 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | J | 38 | U | 250 | | 6 | U | 5 | | 11 | | 7 |
| 1,1-DICHLOROETHENE | 5 | ug/L | J | 30 | U | 250 | J | 2 | U | 5 | | 10 | | 11 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | 210 | U | 250 | J | 3 | U | 5 | | 15 | | 16 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 100 | U | 500 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 100 | U | 500 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 100 | U | 500 | U | 10 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 100 | U | 500 | U | 10 | U | 10 | U | 10 | U | 10 |
| BENZENE | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 100 | U | 500 | U | 10 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 100 | U | 500 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | J | 14 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 100 | U | 500 | U | 10 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | U | 250 | U | 250 | U | 250 | | | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 33 | BJ | 110 | BJ | 3 | U | 5 | BJ | 1 | BJ | 2 |
| STYRENE | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 50 | U | 250 | | 7 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | | 1400 | | 5400 | | 27 | U | 5 | | 42 | | 47 |
| VINYL ACETATE | 10 | ug/L | U | 100 | U | 500 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 100 | U | 500 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 50 | U | 250 | U | 5 | U | 5 | U | 5 | U | 5 |

Table 15-3
MEW Area - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | MEW-074(A1) | | MEW-075(A1) | | MEW-078(A2) | | MEW-079-1(A2) | | MEW-081(A1) | | MEW-082-1(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1678 | | MOF1668 | | MOF1676 | | MOF1653 | | MOF1675 | | MOF1691 | |
| Sample Type==========> | | | TB | | ORIG | | ORIG | | ORIG | | ORIG | | ORIG | |
| Sample Date==========> | | | 05/28/91 | | 05/28/91 | | 05/28/91 | | 05/23/91 | | 05/28/91 | | 05/29/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | J | 12 | J | 2 | U | 12 | U | 250 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | J | 4 | U | 25 | J | 2 | | 48 | J | 120 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | | 5 | J | 10 | U | 5 | | 27 | J | 96 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | | 76 | U | 25 | J | 2 | | 300 | | 350 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 50 | U | 10 | U | 25 | U | 500 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 50 | U | 10 | U | 25 | U | 500 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 50 | U | 10 | U | 25 | U | 500 |
| ACETONE | 10 | ug/L | J | 4 | J | 3 | U | 50 | U | 10 | U | 25 | U | 500 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 50 | U | 10 | U | 25 | U | 500 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 50 | U | 10 | U | 25 | U | 500 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 5 | U | 25 | J | 1 | U | 12 | U | 250 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 50 | U | 10 | U | 25 | U | 500 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| JP-5 | 250 | ug/L | | | U | 250 | U | 250 | U | 250 | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | U | 5 | BJ | 2 | BJ | 16 | U | 5 | B | 14 | BJ | 110 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 25 | J | 2 | U | 12 | U | 250 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | | 120 | | 940 | | 9 | | 400 | | 6100 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 50 | U | 10 | U | 25 | U | 500 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 50 | U | 10 | U | 25 | U | 500 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 25 | U | 5 | U | 12 | U | 250 |

Table 15-3
MEW Area - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | MEW-083-1(A2) | | MEW-083-1(A2) | | MEW-085(A1) | | MEW-088(A1) | | MEW-089(A1) | | MEW-089(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1651 | | MOF1652 | | MOF1650 | | MOF1664 | | MOF1685 | | MOF1694 | |
| Sample Type==========> | | | ORIG | | DUP | | ORIG | | ORIG | | ORIG | | TB | |
| Sample Date==========> | | | 05/23/91 | | 05/23/91 | | 05/23/91 | | 05/24/91 | | 05/29/91 | | 05/29/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | J | 10 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | J | 75 | U | 5 | J | 30 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | J | 88 | U | 5 | J | 23 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | U | 5 | | 390 | U | 5 | J | 31 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 10 | U | 500 | U | 10 | U | 100 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 10 | U | 500 | U | 10 | U | 100 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 10 | U | 500 | U | 10 | U | 100 | U | 10 |
| ACETONE | 10 | ug/L | | 11 | | 12 | | 500 | J | 6 | U | 100 | U | 10 |
| BENZENE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 500 | U | 10 | U | 100 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 5 | J | 250 | U | 5 | U | 50 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 10 | U | 500 | U | 10 | U | 100 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | J | 2 | U | 250 | U | 5 | U | 50 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 10 | U | 500 | U | 10 | U | 100 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| JP-5 | 250 | ug/L | U | 250 | U | 250 | U | 250 | U | 250 | U | 250 | | |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 3 | BJ | 2 | BJ | 120 | BJ | 1 | BJ | 21 | BJ | 1 |
| STYRENE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | | 8 | J | 3 | | 6200 | | 48 | | 1000 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 10 | U | 500 | U | 10 | U | 100 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 10 | U | 500 | U | 10 | U | 100 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 5 | U | 250 | U | 5 | U | 50 | U | 5 |

Table 15-3
MEW Area - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| | | | | |
|---|---|---|---|---|
| Well Number==========> | | | MEW-121(B2) | |
| Sample Number==========> | | | MOF1648 | |
| Sample Type==========> | | | ORIG | |
| Sample Date==========> | | | 05/23/91 | |
| Compounds | Quantitation limits | Units | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 |
| ACETONE | 10 | ug/L | U | 10 |
| BENZENE | 5 | ug/L | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 |
| JP-5 | 250 | ug/L | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | J | 1 |
| STYRENE | 5 | ug/L | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 |
| TOLUENE | 5 | ug/L | J | 1 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 |

# B16.0 CLEAN - ANALYTICAL RESULTS

B16.1 CLEAN - ANALYTICAL RESULTS

SUMMARY TABLES

## NOTES

Phase II samples from NAS Moffett Field have been analyzed in accordance with EPA - CLP protocols and in accordance with the normal QA/QC requirements associated with the program. The data have not yet undergone the validation process described in the EPA Functional Guidelines for Evaluating Inorganic Analyses (July 1988) and the Functional Guidelines for Evaluating Organic Analyses (February 1988). Therefore, the data should be considered preliminary.

For Sites 3 through 7, the following list of 24 compounds comprises the total chlorinated volatile organic compounds (TCVOC):

- 1,1,1-Trichloroethane
- 1,1,2,2-Tetrachloroethane
- 1,1,2-Trichloroethane
- 1,1-Dichloroethane
- 1,1-Dichloroethene
- 1,2-Dichloroethane
- 1,2-Dichloroethane-D4
- 1,2-Dichloroethene
- 1,2-Dichloroethene (total)
- 1,2-Dichloroethylene
- 1,2-Dichloropropane
- Bromodichloromethane
- Carbon tetrachloride
- Chlorobenzene
- Chloroethane
- Chloroform
- Chloromethane
- cis-1,3-dichloropropene
- Dibromochloromethane
- Methylene chloride
- Tetrachloroethene
- Trans-1,3-dichloropropene
- Trichloroethene
- Vinyl chloride.

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 16-1 CLEAN - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W89-01(A1) | W89-05(A1) | W89-06(A1) | W89-08(A1) | W89-08(A1) | W89-08(A1) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1708 | MOF1698 | MOF1709 | MOF1695 | MOF1696 | MOF1700 |
| Sample Type==========> | | | ORIG | ORIG | ORIG | TB | ER | ORIG |
| Sample Date==========> | | | 05/31/91 | 05/30/91 | 05/31/91 | 05/30/91 | 05/30/91 | 05/30/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | J 12 | J 5 | | | | |
| 1,1-DICHLOROETHENE | 5 | ug/L | J 13 | J 4 | | | | |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | J 30 | J 4 | J 3 | | | |
| ACETONE | 10 | ug/L | | | | | 11 | 12 |
| METHYLENE CHLORIDE | 5 | ug/L | J 29 | BJ 8 | J 1 | BJ 2 | BJ 2 | BJ 3 |
| TRICHLOROETHENE | 5 | ug/L | 1800 | 430 | 31 | | | |

Table 16-1 CLEAN - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| Well Number==========> | | | W89-08(A1) | W89-09(A1) | W89-11(A2) | W89-13(A2) | W89-13(A2) | W89-13(A2) |
|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1701 | MOF1702 | MOF1707 | MOF1703 | MOF1704 | MOF1705 |
| Sample Type==========> | | | DUP | ORIG | ORIG | TB | ORIG | DUP |
| Sample Date==========> | | | 05/30/91 | 05/30/91 | 05/31/91 | 05/31/91 | 05/31/91 | 05/31/91 |
| Compounds | Quantitation limits | Units | | | | | | |
| 1,1-DICHLOROETHANE | 5 | ug/L | | J 10 | | | | |
| 1,1-DICHLOROETHENE | 5 | ug/L | | J 11 | | | J 1 | |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | | J 10 | | | J 1 | J 1 |
| ACETONE | 10 | ug/L | 14 | | | | | 19 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ 2 | B 27 | J 1 | J 2 | J 2 | |
| TRICHLOROETHENE | 5 | ug/L | | 880 | | | 140 | 110 |

Table 16-1 CLEAN - Analytical Results Summary
Water Samples, Organic Analyses
NAS Moffett Field

| | | | | |
|---|---|---|---|---|
| Well Number==========> | | | W89-14(A2) | |
| Sample Number==========> | | | MOF1699 | |
| Sample Type==========> | | | ORIG | |
| Sample Date==========> | | | 05/30/91 | |
| Compounds | Quantitation limits | Units | | |
| CHLOROFORM | 5 | ug/L | J | 1 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 3 |

# Inorganic Data

TABLE 16-2 CLEAN - ANALYTICAL RESULTS SUMMARY, WATER SAMPLES, INORGANIC ANALYSES, NAS MOFFETT FIELD

Note: Inorganic analyses were not performed this quarter.

# B16.2 CLEAN - RESULTS OF WATER SAMPLE ANALYSES

# FOOTNOTES FOR DATA TABLES

Quantitation limits were specified in the Remedial Investigation Work Plan, Naval Air Station, Moffett Field, California, Volume II: Sampling Analysis Plan, March 1988.

Concentrations were reported in the same units as the method quantitation limits. Soil analyte concentrations are dry-weight values.

Quantitation limits were not consistently reported for unknown compounds and compounds which were not specified in the contract. Concentrations of unknowns were expressed in the same units as other compounds tested by the method.

No entry was made in the tables when analysis for a compound was not requested due to contract/sampling plan design.

## Key to Symbols

Legend for Data Qualifiers

| | |
|---|---|
| U | Analyzed for but not detected. Reported value is quantitation limit. |
| B | Analyte found in the associated blank as well as in the sample. Note: for some inorganics data, "B" was used in the same manner as "J." See description below. |
| J | Reported value was estimated by the laboratory. Estimates are provided under various circumstances including: analyte was detected below quantitation limits; analyte could not be identified (unknowns); and analyte was found slightly outside of QA/QC limits, but, the chemist's professional judgement, warranted reporting. Note: For some inorganics data, "B" was used in the same manner as "J." |
| D | Compound detected at secondary dilution factor. |
| E | Compound concentration exceeds the GC/MS calibration range. |
| N | Spike sample not within control limits. |
| * | Duplicate analysis not within control limits. |
| X, Y, or Z | Laboratory-specified qualifier based on sample-specific analytical conditions; see original data |

Legend for Tables

| | |
|---|---|
| ORIG | Original sample. |
| TB | Trip Blank - Trip blanks were made from HPLC/ASTM - Type 2 grade water. The water was carried into the field and accompanied the samples on their route to the laboratory. |
| FB | Field Blank - Field blanks were made from HPLC/ASTM - Type 2 grade water. At the sample location, the field blank water was transferred to the sample container, exposing the water to any ambient contaminants and field conditions which may affect the outcome of the laboratory analysis. |
| DUP | Duplicate - Duplicate samples were collected with original samples using identical procedures. The same container type, preservative, and sampling technique were used. |
| ER | Equipment Rinse - After decontamination has been performed on sampling equipment and before the equipment is reused, a reagent grade water rinsate is collected. |
| TIC | Tentatively Identified Compound - Concentration is estimated assuming a 1:1 response. TICs are not target compounds and are reported only if detected in the sample. |
| Unknown at 9.07 | Indicates the retention time for an unknown. |
| SB | Soil Boring |
| P | Free product |
| FP | Free Product |
| WX-Y (ZB) | W - Well<br>X - Site Identification<br>Y - Well Number<br>ZB - Aquifer Designation |
| MD1 | Depth: 1-2.5 feet |

| | |
|---|---|
| MD2 | Depth: 3-4.5 |
| MD3 | Depth: 5-6.5 |
| MD4 | Soil sample duplicate or soil sample taken at nonroutine depth |
| MD5 | Soil Sample Duplicate |

# Organic

# Data

Table 16-3
CLEAN - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W89-01(A1) | | W89-05(A1) | | W89-06(A1) | | W89-08(A1) | | W89-08(A1) | | W89-08(A1) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1708 | | MOF1698 | | MOF1709 | | MOF1695 | | MOF1696 | | MOF1700 | |
| Sample Type==========> | | | ORIG | | ORIG | | ORIG | | TB | | ER | | ORIG | |
| Sample Date==========> | | | 05/31/91 | | 05/30/91 | | 05/31/91 | | 05/30/91 | | 05/30/91 | | 05/30/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | J | 12 | J | 5 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | J | 13 | J | 4 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | J | 30 | J | 4 | J | 3 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 100 | U | 25 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 100 | U | 25 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 100 | U | 25 | U | 10 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | U | 100 | U | 25 | U | 10 | U | 10 | | 11 | | 12 |
| BENZENE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 100 | U | 25 | U | 10 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 100 | U | 25 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 100 | U | 25 | U | 10 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | U | 250 | U | 250 | U | 250 | | | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | J | 29 | BJ | 8 | J | 1 | BJ | 2 | BJ | 2 | BJ | 3 |
| STYRENE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | | 1800 | | 430 | | 31 | U | 5 | U | 5 | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 100 | U | 25 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 100 | U | 25 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 50 | U | 12 | U | 5 | U | 5 | U | 5 | U | 5 |

Table 16-3
CLEAN - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| Well Number==========> | | | W89-08(A1) | | W89-09(A1) | | W89-11(A2) | | W89-13(A2) | | W89-13(A2) | | W89-13(A2) | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Sample Number==========> | | | MOF1701 | | MOF1702 | | MOF1707 | | MOF1703 | | MOF1704 | | MOF1705 | |
| Sample Type==========> | | | DUP | | ORIG | | ORIG | | TB | | ORIG | | DUP | |
| Sample Date==========> | | | 05/30/91 | | 05/30/91 | | 05/31/91 | | 05/31/91 | | 05/31/91 | | 05/31/91 | |
| Compounds | Quantitation limits | Units | | | | | | | | | | | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 | J | 10 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 | J | 11 | U | 5 | U | 5 | J | 1 | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 | J | 10 | U | 5 | U | 5 | J | 1 | J | 1 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 | U | 50 | U | 10 | U | 10 | U | 10 | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 | U | 50 | U | 10 | U | 10 | U | 10 | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 | U | 50 | U | 10 | U | 10 | U | 10 | U | 10 |
| ACETONE | 10 | ug/L | | 14 | U | 50 | U | 10 | U | 10 | U | 10 | | 19 |
| BENZENE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 | U | 50 | U | 10 | U | 10 | U | 10 | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 | U | 50 | U | 10 | U | 10 | U | 10 | U | 10 |
| CHLOROFORM | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| CHLOROMETHANE | 10 | ug/L | U | 10 | U | 50 | U | 10 | U | 10 | U | 10 | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| JP-5 | 250 | ug/L | U | 250 | U | 250 | U | 250 | | | U | 250 | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 2 | B | 27 | J | 1 | J | 2 | J | 2 | U | 5 |
| STYRENE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 | | 880 | U | 5 | U | 5 | | 140 | | 110 |
| VINYL ACETATE | 10 | ug/L | U | 10 | U | 50 | U | 10 | U | 10 | U | 10 | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 | U | 50 | U | 10 | U | 10 | U | 10 | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 | U | 25 | U | 5 | U | 5 | U | 5 | U | 5 |

Table 16-3
CLEAN - Results of Water Sample Analyses (Organic)
NAS Moffett Field

| | | | | |
|---|---|---|---|---|
| Well Number==========> | | | W89-14(A2) | |
| Sample Number==========> | | | MOF1699 | |
| Sample Type==========> | | | ORIG | |
| Sample Date==========> | | | 05/30/91 | |
| Compounds | Quantitation limits | Units | | |
| 1,1,1-TRICHLOROETHANE | 5 | ug/L | U | 5 |
| 1,1,2,2-TETRACHLOROETHANE | 5 | ug/L | U | 5 |
| 1,1,2-TRICHLOROETHANE | 5 | ug/L | U | 5 |
| 1,1-DICHLOROETHANE | 5 | ug/L | U | 5 |
| 1,1-DICHLOROETHENE | 5 | ug/L | U | 5 |
| 1,2-DICHLOROETHANE | 5 | ug/L | U | 5 |
| 1,2-DICHLOROETHENE (TOTAL) | 5 | ug/L | U | 5 |
| 1,2-DICHLOROPROPANE | 5 | ug/L | U | 5 |
| 2-BUTANONE | 10 | ug/L | U | 10 |
| 2-HEXANONE | 10 | ug/L | U | 10 |
| 4-METHYL-2-PENTANONE | 10 | ug/L | U | 10 |
| ACETONE | 10 | ug/L | U | 10 |
| BENZENE | 5 | ug/L | U | 5 |
| BROMODICHLOROMETHANE | 5 | ug/L | U | 5 |
| BROMOFORM | 5 | ug/L | U | 5 |
| BROMOMETHANE | 10 | ug/L | U | 10 |
| CARBON DISULFIDE | 5 | ug/L | U | 5 |
| CARBON TETRACHLORIDE | 5 | ug/L | U | 5 |
| CHLOROBENZENE | 5 | ug/L | U | 5 |
| CHLOROETHANE | 10 | ug/L | U | 10 |
| CHLOROFORM | 5 | ug/L | J | 1 |
| CHLOROMETHANE | 10 | ug/L | U | 10 |
| CIS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 |
| DIBROMOCHLOROMETHANE | 5 | ug/L | U | 5 |
| ETHYLBENZENE | 5 | ug/L | U | 5 |
| JP-5 | 250 | ug/L | U | 250 |
| METHYLENE CHLORIDE | 5 | ug/L | BJ | 3 |
| STYRENE | 5 | ug/L | U | 5 |
| TETRACHLOROETHENE | 5 | ug/L | U | 5 |
| TOLUENE | 5 | ug/L | U | 5 |
| TRANS-1,3-DICHLOROPROPENE | 5 | ug/L | U | 5 |
| TRICHLOROETHENE | 5 | ug/L | U | 5 |
| VINYL ACETATE | 10 | ug/L | U | 10 |
| VINYL CHLORIDE | 10 | ug/L | U | 10 |
| XYLENES (TOTAL) | 5 | ug/L | U | 5 |

# APPENDIX C

# POTENTIOMETRIC SURFACE CONTOUR MAPS

# APPENDIX C

## POTENTIOMETRIC SURFACE CONTOUR MAPS

Figures C-1, -5, -9, and -10 present the site-wide potentiometric surface contours in the A1-, A2-, B- and C-aquifers, respectively, for NAS Moffett Field. Figures C-2, 3- and 4-, and C-6, -7, and -8 present the detailed potentiometric contours for the A1 and A2 aquifers in the west, east, and northern portions of the Station, respectively.

An "X" in the aquifer subzone of the well number, such as W01-01(AX), denotes a former ESA well with the screened interval set adjacent to non-aquifer material according to the lithologic log. The following "AX" wells are plotted in the A1-Aquifer:

| | | |
|---|---|---|
| W01-01(AX) | W04-05(AX) | W07-05(AX) |
| W01-02(AX) | W06-01(AX) | W07-06(AX) |
| W01-04(AX) | W06-04(AX) | W07-07(AX) |
| W02-01(AX) | W06-06(AX) | W07-10(AX) |
| W02-02(AX) | W06-07(AX) | W07-11(AX) |
| W02-03(AX) | W07-02(AX) | W07-12(AX) |
| W03-06(AX) | W07-03(AX) | W07-14(AX) |
| W04-01(AX) | | |

Potentiometric surface elevations for the non-aquifer material (AX) wells, fill material (F) wells, and the free product (FP) wells are plotted with the A1-Aquifer wells but are not considered representative of the A1-Aquifer. These elevations are not incorporated into the A1-Aquifer contouring.

The following "AX" wells are plotted in the A2-Aquifer:

W05-01(AX)
W05-02(AX)
W05-03(AX)
W06-05(AX)
W10-01(AX)

The following "BX" well is plotted in the B-Aquifer:

W03-05(BX)

The following "CX" well is plotted in the C-Aquifer:

W03-10(CX)

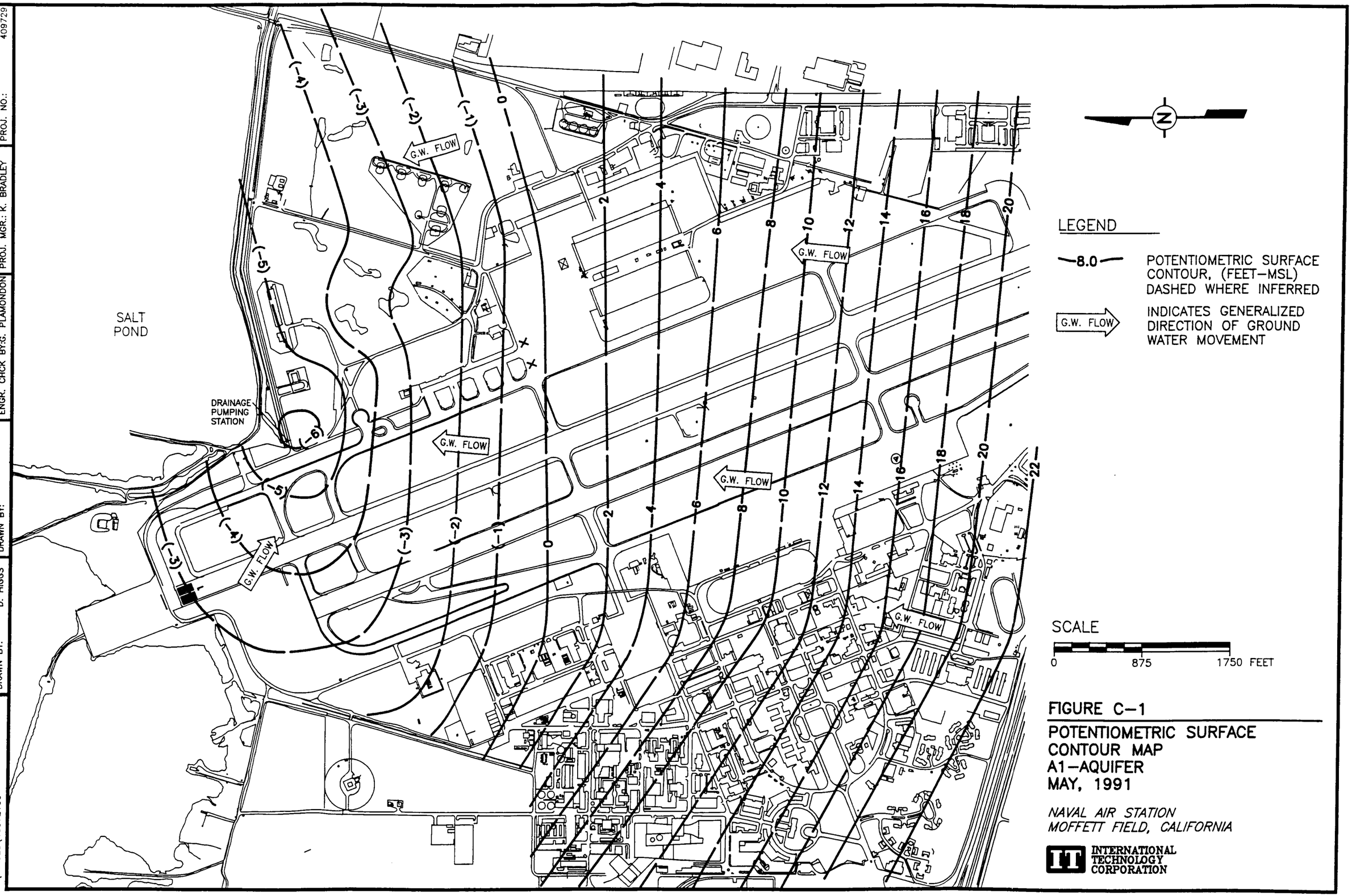



FIGURE C-1

POTENTIOMETRIC SURFACE CONTOUR MAP
A1-AQUIFER
MAY, 1991

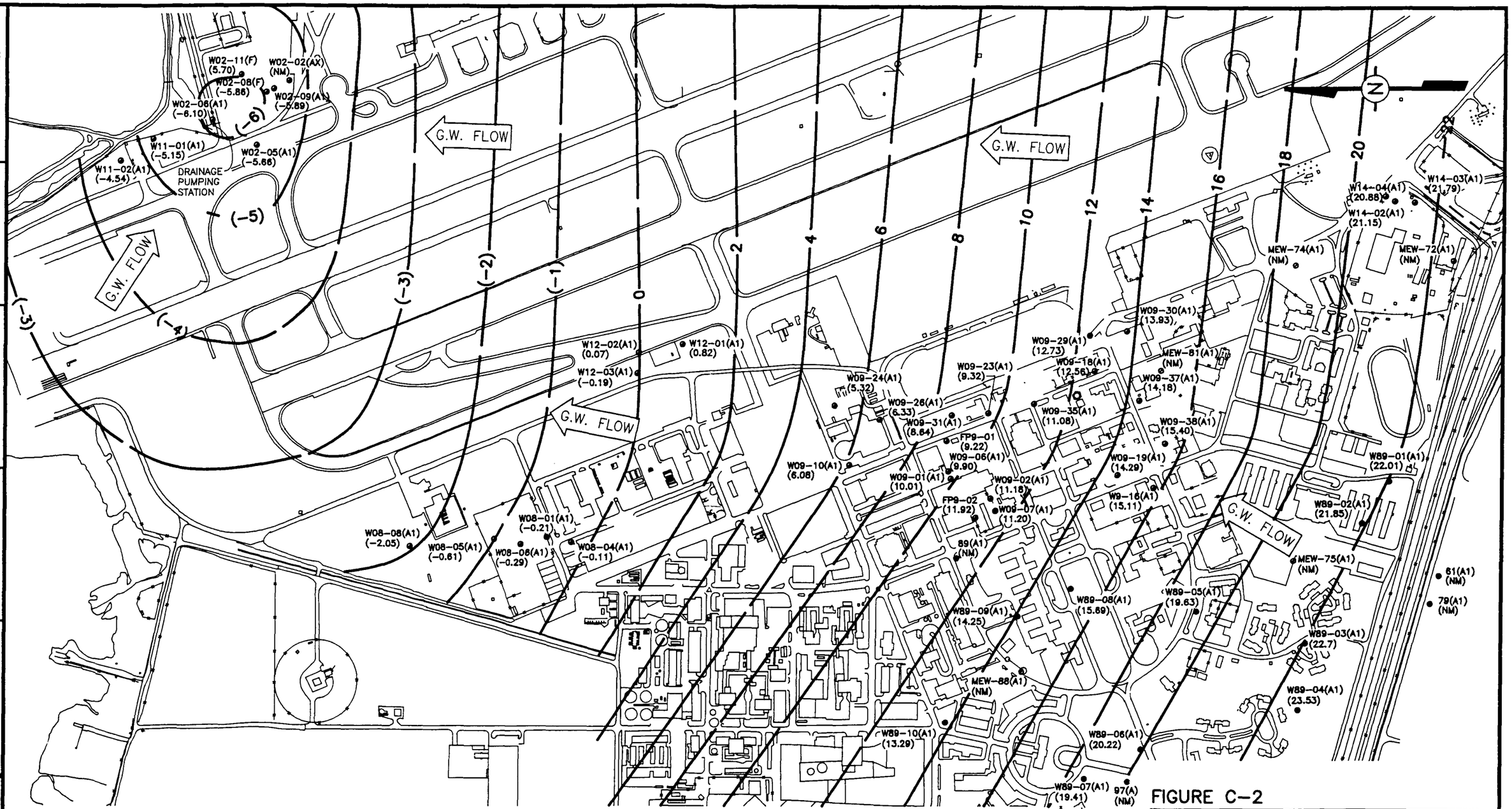
*NAVAL AIR STATION*
*MOFFETT FIELD, CALIFORNIA*

INTERNATIONAL TECHNOLOGY CORPORATION

| | | | |
|---|---|---|---|
| STARTING DATE: 7/11/91 | DATE LAST REV.: | DRAFT. CHCK. BY: J. HUBBARD | INITIATOR: J. WILLE |
| DRAWN BY: D. HIGGS | DRAWN BY: | ENGR. CHCK BY:G. PLAMONDON | PROJ. MGR.: K. BRADLEY |

DRAWING NO.:409729-B-C100
PROJ. NO.: 409729

QUARTERLY UPDATE - JULY '91
\IMAGES\40972100




LEGEND

- MONITORING WELL
- SITE
- WELL I.D.
- W01-06(A1) — AQUIFER DESIGNATION
- (-2.87) — WATER LEVEL ELEVATION (FEET-MSL)
- GROUNDWATER MONITORING WELL (IT,ESA)
- GROUNDWATER MONITORING WELL (PRC/JMM)
- GROUNDWATER MONITORING WELL (MEW)
- —10— POTENTIOMETRIC SURFACE CONTOUR, (FEET-MSL) DASHED WHERE INFERRED
- G.W. FLOW — INDICATES GENERALIZED DIRECTION OF GROUND WATER MOVEMENT

SCALE

0 600 1200 FEET

# FIGURE C-2

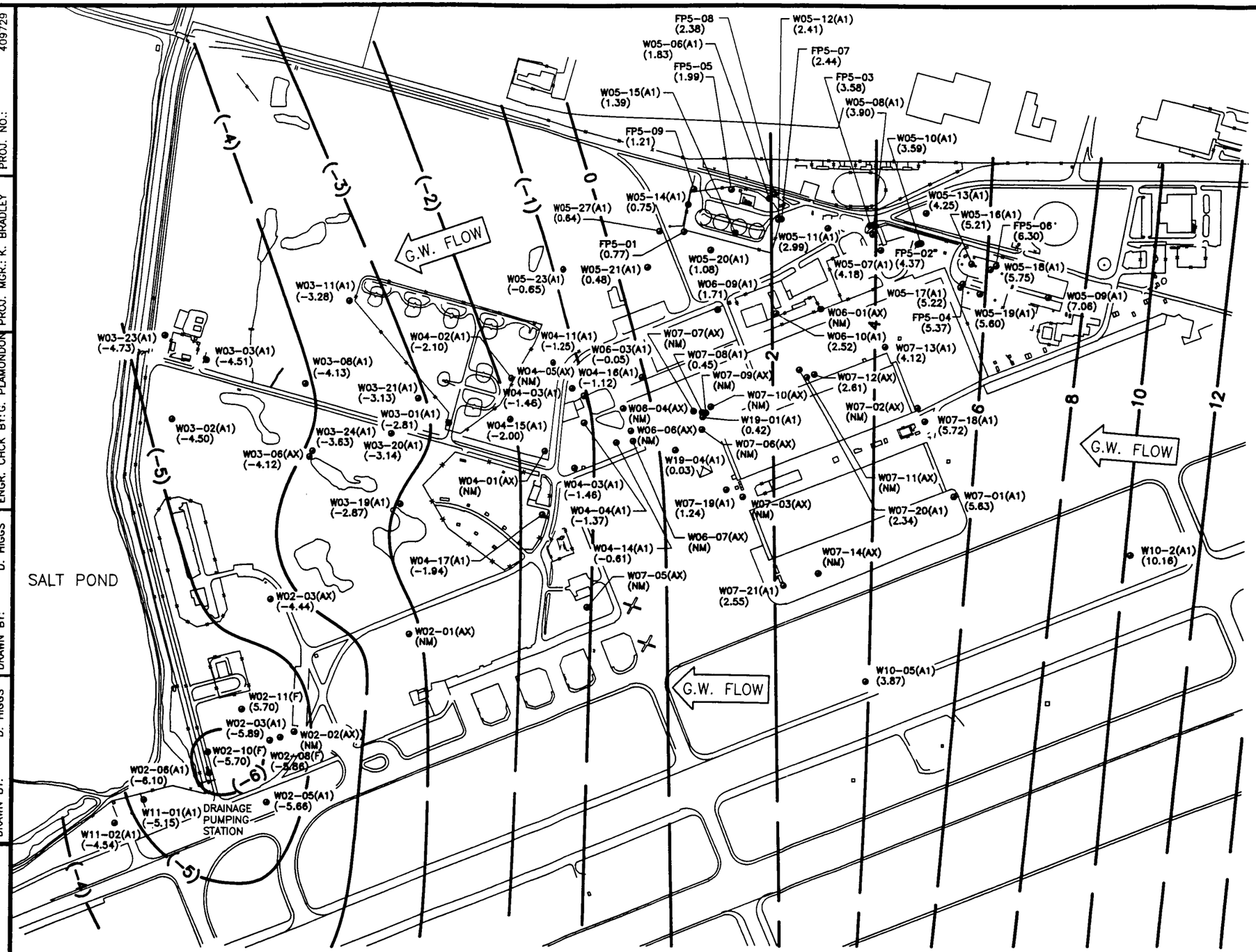
## POTENTIOMETRIC SURFACE CONTOUR MAP A1-AQUIFER WEST MAY, 1991

*NAVAL AIR STATION MOFFETT FIELD, CALIFORNIA*

INTERNATIONAL TECHNOLOGY CORPORATION

| | | | |
|---|---|---|---|
| DRAWING NO. 409729-B-C101 | | | |
| PROJ. NO.: 409729 | | | |
| INITIATOR: | D. WILLEN | | |
| PROJ. MGR.: | K. BRADLEY | | |
| DRAFT. CHCK. BY: | J. HUBBARD | | |
| ENGR. CHCK BY: | G. PLAMONDON | | |
| STARTING DATE: | 7/12/91 | DATE LAST REV.: | |
| DRAWN BY: | S. CARDWELL | DRAWN BY: | |

QUARTERLY UPDATE - JULY '91
\IMAGES\40972101




## LEGEND

- MONITORING WELL
- SITE
- WELL I.D.
- W01-06(A1) - AQUIFER DESIGNATION
- (-2.87) - WATER LEVEL ELEVATION (FEET-MSL)
- • GROUND WATER MONITORING WELL (IT,ESA)
- —(-2)— POTENTIOMETRIC SURFACE CONTOUR (FEET-MSL), DASHED WHERE INFERRED
- G.W. FLOW INDICATES GENERALIZED DIRECTION OF GROUND WATER MOVEMENT
- (NM) UNABLE TO MEASURE WELL

SCALE

0 600 1200 FEET

# FIGURE C-3

## POTENTIOMETRIC SURFACE CONTOUR MAP A1-AQUIFER EAST MAY, 1991

*NAVAL AIR STATION MOFFETT FIELD, CALIFORNIA*

INTERNATIONAL TECHNOLOGY CORPORATION

| | | | | | |
|---|---|---|---|---|---|
| STARTING DATE: 7/12/91 | DATE LAST REV.: 8/12/91 | DRAFT. CHCK. BY: J. HUBBARD | INITIATOR: J. WILLE | DRAWING NO409729-B-C102 | |
| DRAWN BY: D. HIGGS | DRAWN BY: D. HIGGS | ENGR. CHCK BY:G. PLAMONDON | PROJ. MGR.: K. BRADLEY | PROJ. NO.: 409729 | |

QUARTERLY UPDATE - JULY '91
\IMAGES\40972102

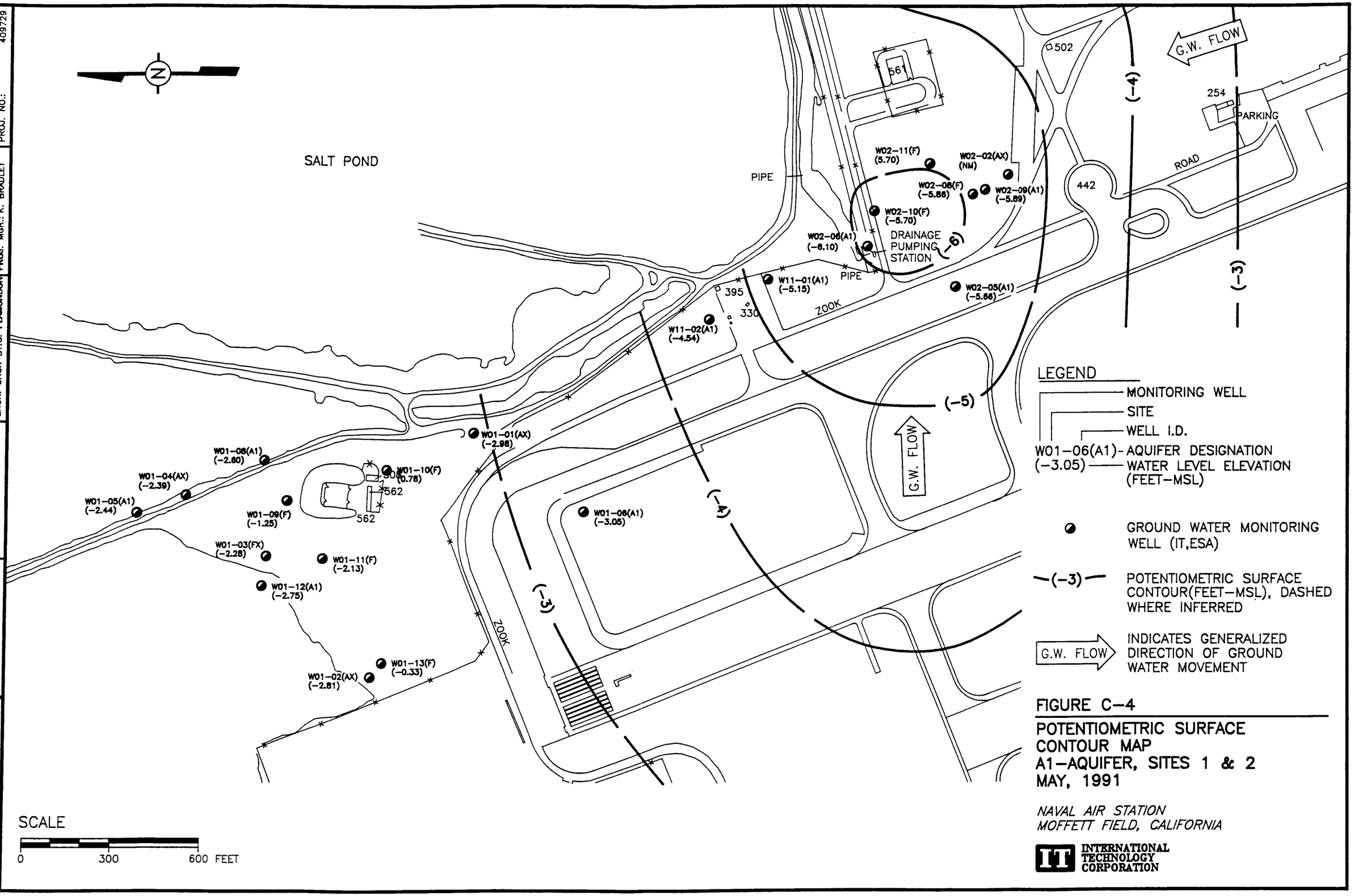


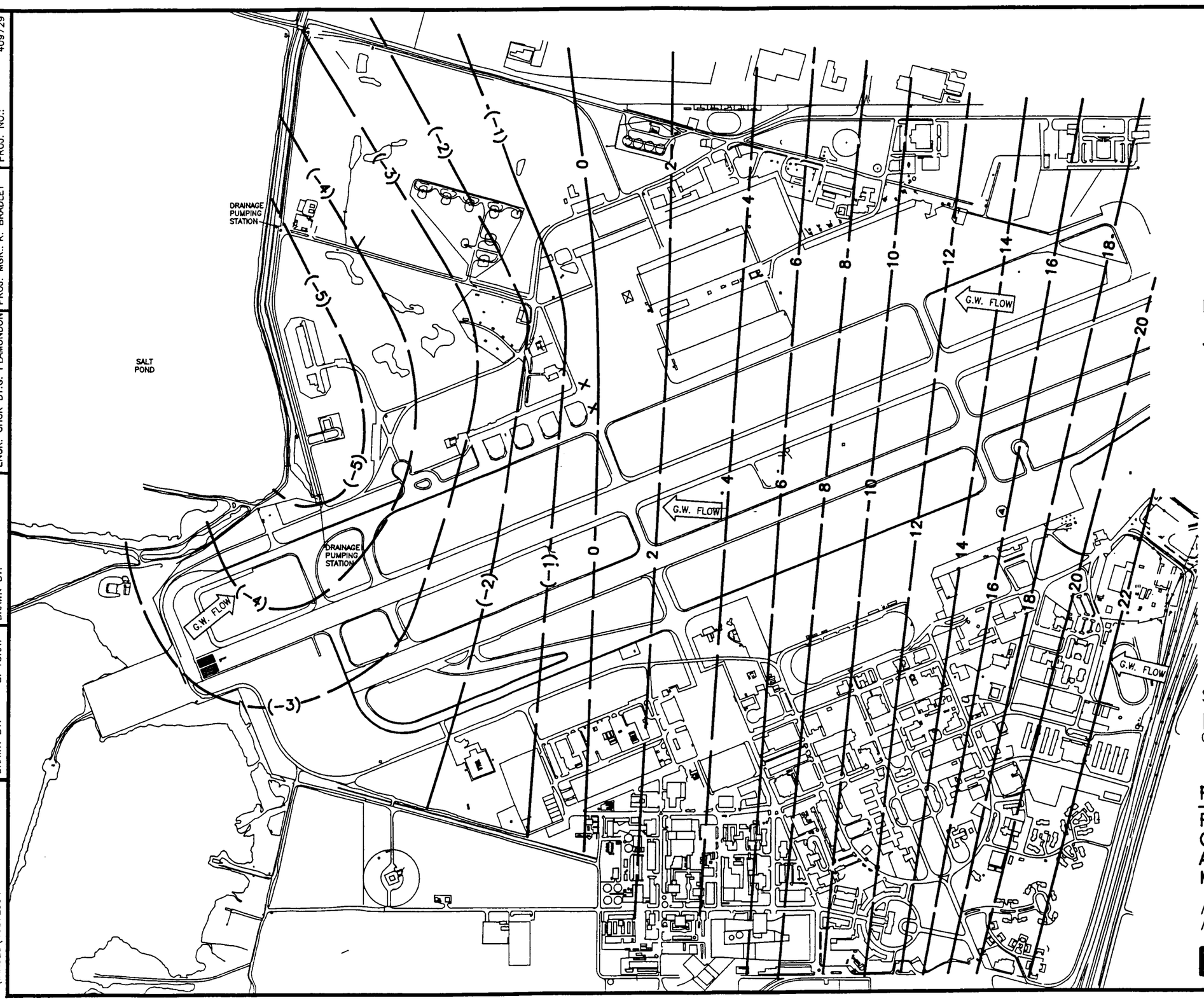

FIGURE C-4

POTENTIOMETRIC SURFACE CONTOUR MAP
A1-AQUIFER, SITES 1 & 2
MAY, 1991

*NAVAL AIR STATION*
*MOFFETT FIELD, CALIFORNIA*

| | | | |
|---|---|---|---|
| STARTING DATE: 7/12/91 | DATE LAST REV.: | DRAFT. CHCK. BY: J. HUBBARD | INITIATOR: S. BARTLING |
| DRAWN BY: D. HIGGS | DRAWN BY: | ENGR. CHCK BY: G. PLAMONDON | PROJ. MGR.: K. BRADLEY |
| | | | DRAWING NO 420729-B-C103 |
| | | | PROJ. NO.: 409729 |

QUARTERLY UPDATE - JULY '91
\IMAGES\40972103




LEGEND

—8.0— POTENTIOMETRIC SURFACE CONTOUR, (FEET–MSL) DASHED WHERE INFERRED

G.W. FLOW INDICATES GENERALIZED DIRECTION OF GROUND WATER MOVEMENT

SCALE

0 875 1750 FEET

FIGURE C–5

POTENTIOMETRIC SURFACE CONTOUR MAP
A2–AQUIFER
MAY, 1991

*NAVAL AIR STATION*
*MOFFETT FIELD, CALIFORNIA*

INTERNATIONAL TECHNOLOGY CORPORATION

| | | | |
|---|---|---|---|
| STARTING DATE: 7/9/91 | DATE LAST REV.: | DRAFT. CHCK. BY: J. HUBBARD | INITIATOR: J. WILLE |
| DRAWN BY: S. TOKAY | DRAWN BY: | ENGR. CHCK BY:G. PLAMONDON | PROJ. MGR.: K. BRADLEY |

DRAWING NO.: 409729 -B-C94
PROJ. NO.: 409729

QUARTERLY UPDATE – JULY '91
\IMAGES\40972994

## LEGEND

- MONITORING WELL
- SITE
- WELL I.D.
- W01-06(A2) - AQUIFER DESIGNATION
- (-2.87) — WATER LEVEL ELEVATION (FEET-MSL)

GROUNDWATER MONITORING WELL (IT,ESA)

GROUNDWATER MONITORING WELL (MEW)

— 6 — POTENTIOMETRIC SURFACE CONTOUR (FEET-MSL), DASHED WHERE INFERRED

G.W. FLOW — INDICATES GENERALIZED DIRECTION OF GROUND WATER MOVEMENT

SCALE

0 600 1200 FEET

# FIGURE C-6

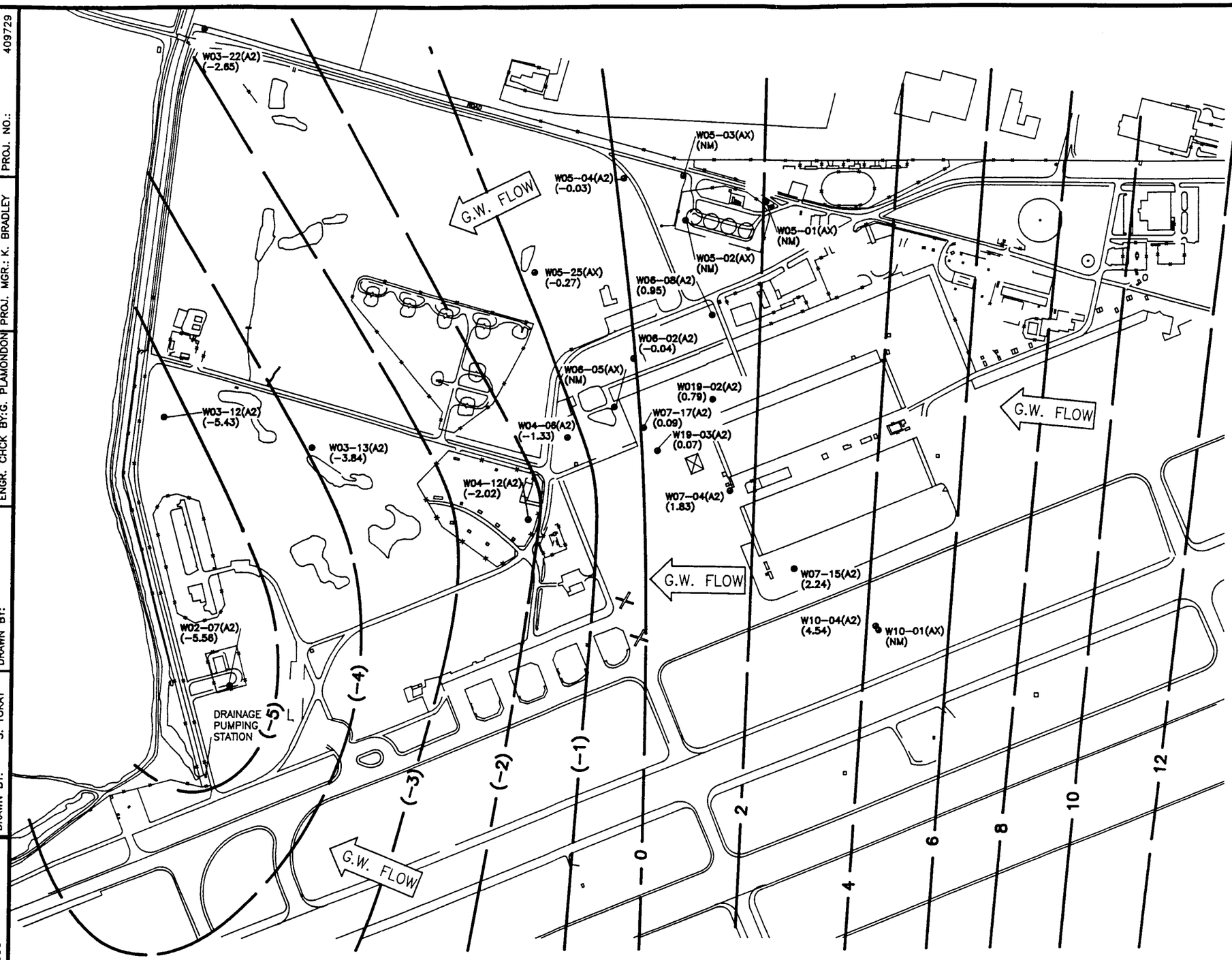
## POTENTIOMETRIC SURFACE CONTOUR MAP A2-AQUIFER WEST MAY, 1991

*NAVAL AIR STATION*
*MOFFETT FIELD, CALIFORNIA*

INTERNATIONAL TECHNOLOGY CORPORATION

| | | | |
|---|---|---|---|
| STARTING DATE: 7/11/91 | DATE LAST REV.: | DRAFT. CHCK. BY: J. HUBBARD | INITIATOR: D. WILLEN | DRAWING NO.: 409729-B-C95 |
| DRAWN BY: S. TOKAY | DRAWN BY: | ENGR. CHCK BY: G. PLAMONDON | PROJ. MGR.: K. BRADLEY | PROJ. NO.: 409729 |

QUARTERLY UPDATE - JULY '91
\IMAGES\40972995




LEGEND

- MONITORING WELL
- SITE
- WELL I.D.
- W01-06(A2) - AQUIFER DESIGNATION
- (-2.87) - WATER LEVEL ELEVATION (FEET-MSL)

● GROUND WATER MONITORING WELL (IT,ESA)

—(-4)— POTENTIOMETRIC SURFACE CONTOUR (FEET-MSL), DASHED WHERE INFERRED

G.W. FLOW — INDICATES GENERALIZED DIRECTION OF GROUND WATER MOVEMENT

NM NOT MEASURED

SCALE

0 600 1200 FEET

FIGURE C-7

POTENTIOMETRIC SURFACE CONTOUR MAP
A2-AQUIFER EAST
MAY, 1991

*NAVAL AIR STATION*
*MOFFETT FIELD, CALIFORNIA*

INTERNATIONAL TECHNOLOGY CORPORATION

| | | | |
|---|---|---|---|
| DRAFT. CHCK. BY: J. HUBBARD | INITIATOR: J. WILLE | DRAWING NO.:409729-B-C96 | |
| ENGR. CHCK BY:G. PLAMONDON | PROJ. MGR.: K. BRADLEY | PROJ. NO.: 409729 | |
| STARTING DATE: 7/11/91 | DATE LAST REV.: | | |
| DRAWN BY: S. TOKAY | DRAWN BY: | | |

QUARTERLY UPDATE - JULY '91
\DRAWINGS\ 40972996

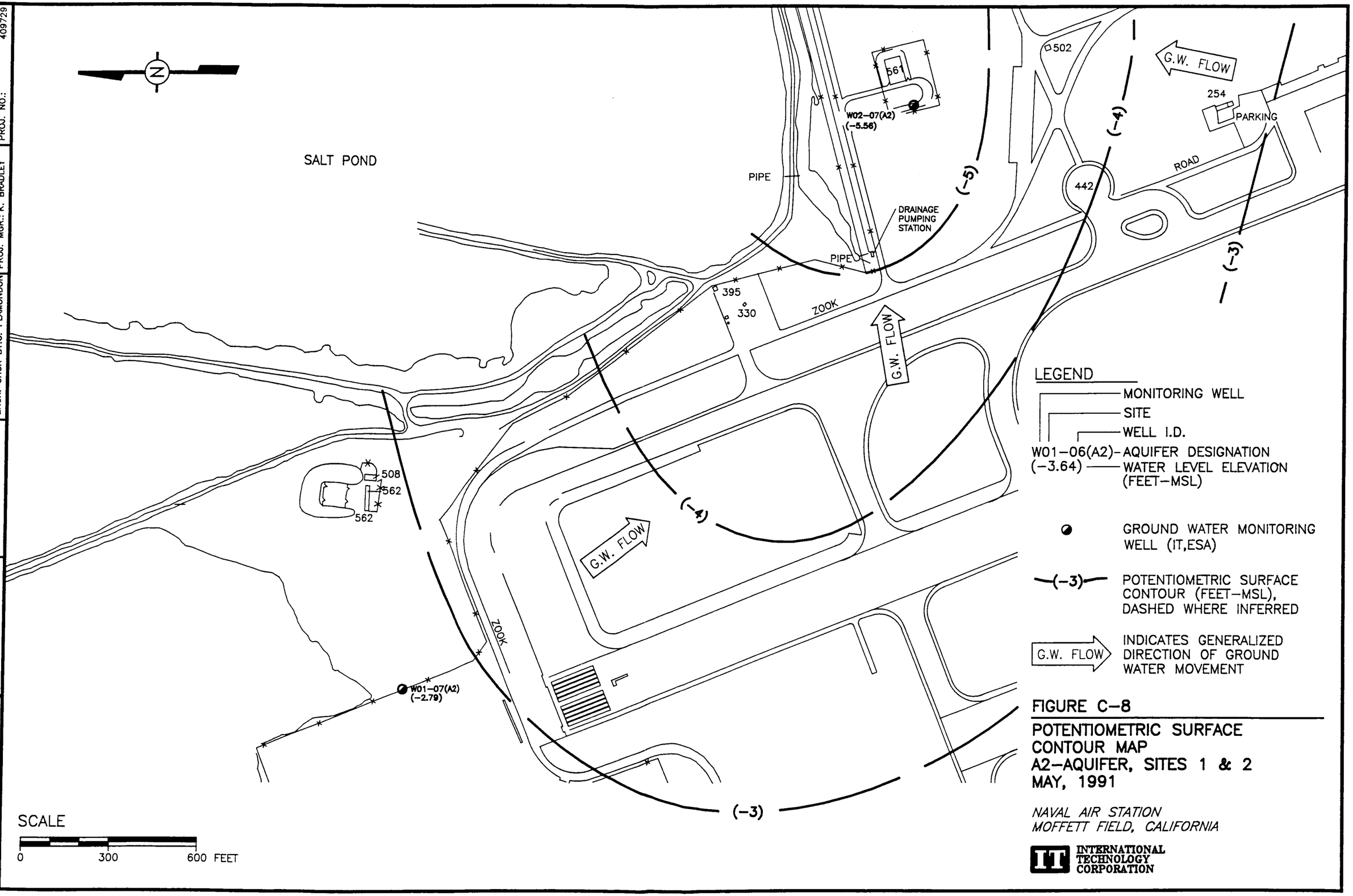


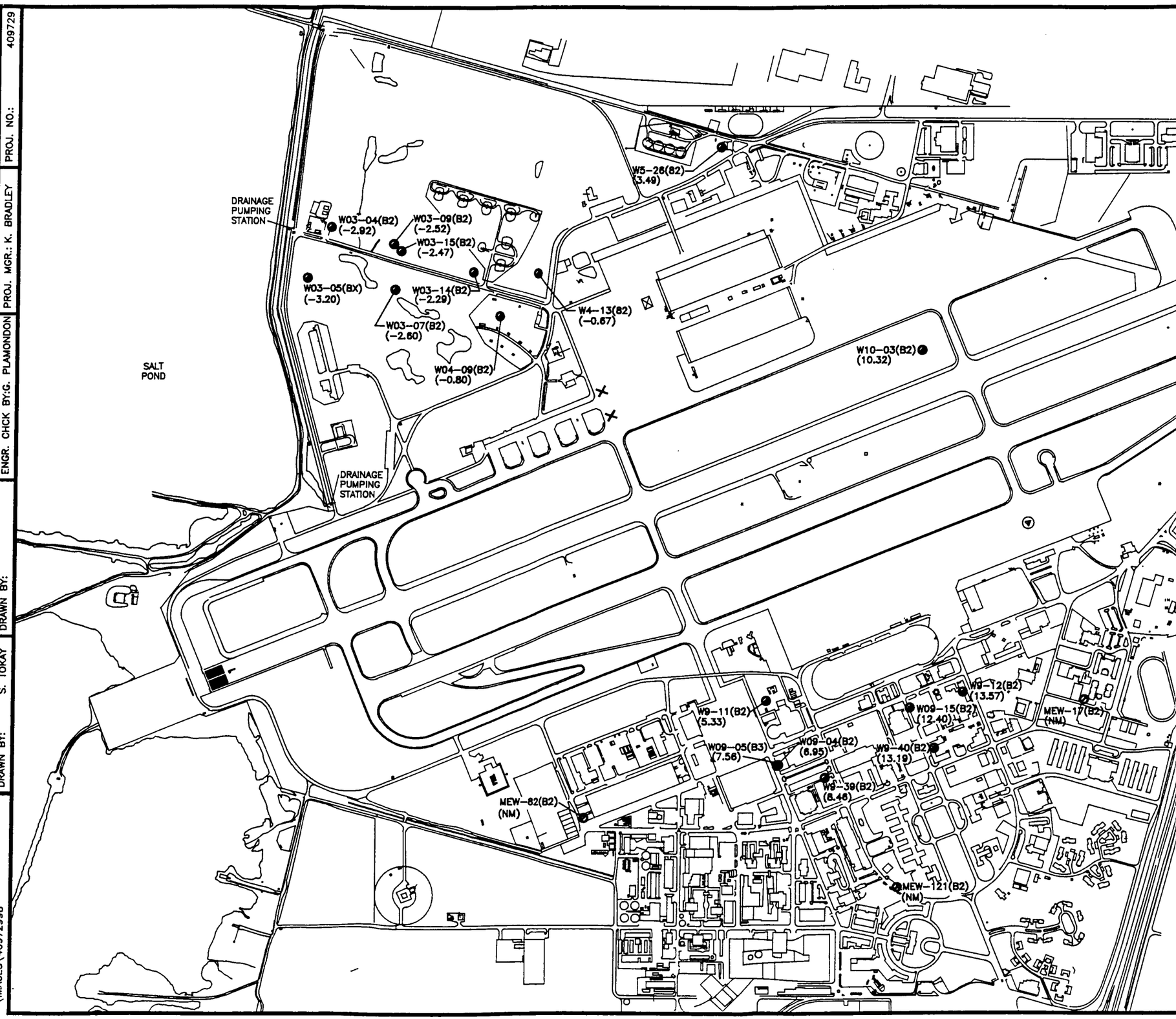

FIGURE C-8

POTENTIOMETRIC SURFACE CONTOUR MAP
A2-AQUIFER, SITES 1 & 2
MAY, 1991

*NAVAL AIR STATION*
*MOFFETT FIELD, CALIFORNIA*

| | | | |
|---|---|---|---|
| STARTING DATE: 7/11/91 | DATE LAST REV.: | DRAFT. CHCK. BY: J. HUBBARD | INITIATOR: S. BARTLING | DRAWING NO.: 424729-B-C97 |
| DRAWN BY: S. TOKAY | DRAWN BY: | ENGR. CHCK BY:G. PLAMONDON | PROJ. MGR.: K. BRADLEY | PROJ. NO.: 409729 |

QUARTERLY UPDATE - JULY '91
\IMAGES\40972997




## LEGEND

- MONITORING WELL
- SITE
- WELL I.D.
- W10-03(B2) - AQUIFER DESIGNATION
- (10.32) — WATER LEVEL ELEVATION (FEET-MSL)
- ● GROUNDWATER MONITORING WELL (IT, ESA)
- ⊘ GROUNDWATER MONITORING WELL (MEW)
- (NM) NOT MEASURED

## NOTES

1. POTENTIOMETRIC SURFACE CONTOUR LINES WERE NOT DRAWN DUE TO AN INSUFFICENT NUMBER OF DATA POINTS.

SCALE

0 875 1750 FEET

# FIGURE C-9

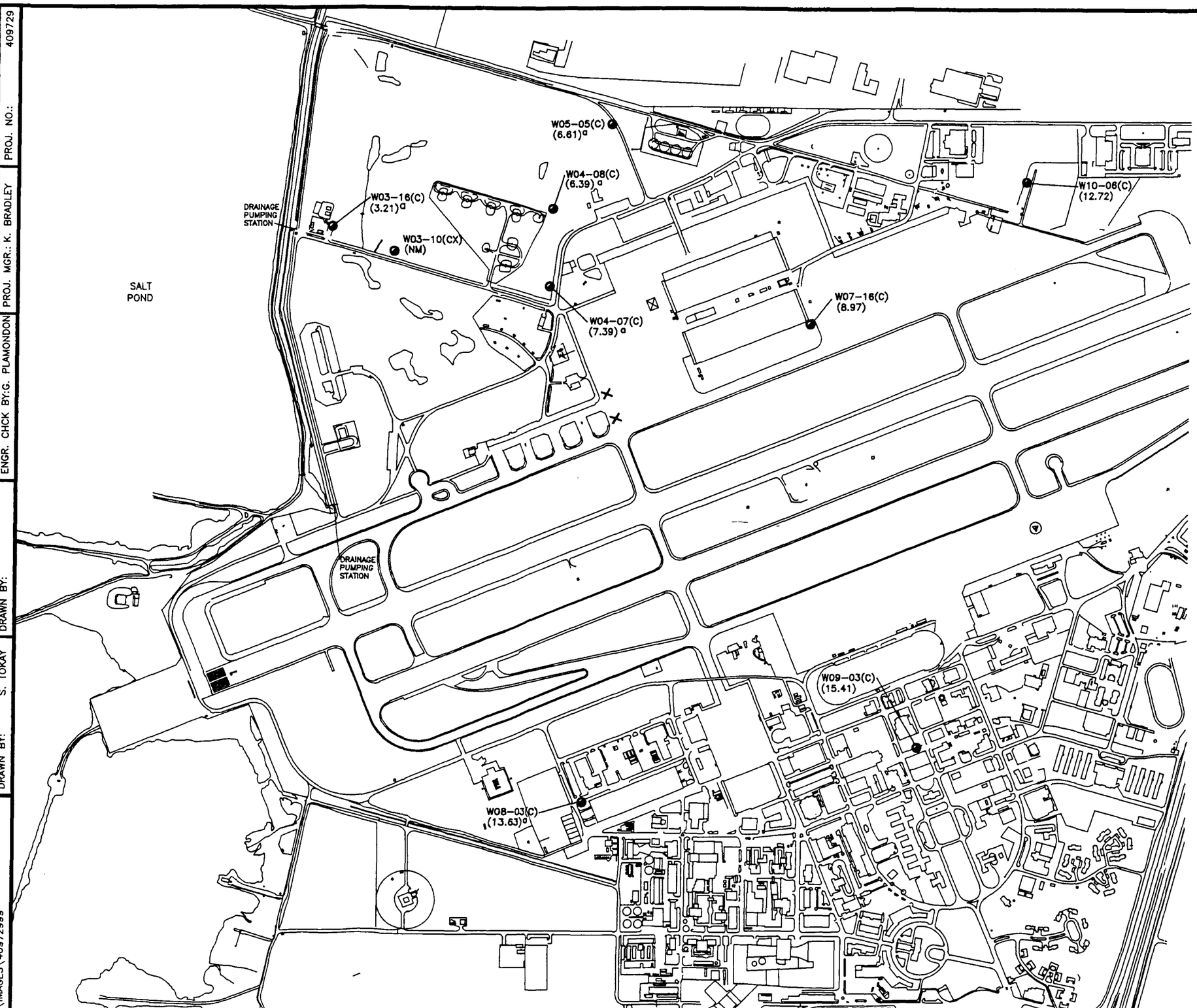
## POTENTIOMETRIC SURFACE ELEVATION MAP B-AQUIFER MAY, 1991

*NAVAL AIR STATION MOFFETT FIELD, CALIFORNIA*

INTERNATIONAL TECHNOLOGY CORPORATION

| | | | |
|---|---|---|---|
| STARTING DATE: 6/2/91 | DATE LAST REV.: | DRAFT. CHCK. BY: J. HUBBARD | INITIATOR: G. PLAMONDON | DRAWING NO.: 409729-B-C98 |
| DRAWN BY: S. TOKAY | DRAWN BY: | ENGR. CHCK BY:G. PLAMONDON | PROJ. MGR.: K. BRADLEY | PROJ. NO.: 409729 |

QUARTERLY UPDATE - JULY '91
\IMAGES\ 40972998




## LEGEND

| | |
|---|---|
| | MONITORING WELL |
| | SITE |
| | WELL I.D. |
| W05-05(C) | AQUIFER DESIGNATION |
| (3.21)a | WATER LEVEL ELEVATION (FEET-MSL) |
| ● | GROUNDWATER MONITORING WELL (IT, ESA) |
| (NM) | NOT MEASURED |

## NOTES

a DENOTES A FLOWING ARTESIAN WELL WITH A POTENTIOMETRIC SURFACE ELEVATION HIGHER THAN THE REFERENCE POINT ELEVATION.

SCALE

0 875 1750 FEET

**FIGURE C-10**

**POTENTIOMETRIC SURFACE ELEVATION MAP C-AQUIFER MAY, 1991**

*NAVAL AIR STATION MOFFETT FIELD, CALIFORNIA*

INTERNATIONAL TECHNOLOGY CORPORATION

| | | | |
|---|---|---|---|
| DRAFT. CHCK. BY: J. HUBBARD | INITIATOR: G. PLAMONDON | DRAWING NO.: 409729-B-C99 | |
| ENGR. CHCK BY: G. PLAMONDON | PROJ. MGR.: K. BRADLEY | PROJ. NO.: 409729 | |
| STARTING DATE: 6/2/91 | DATE LAST REV.: | | |
| DRAWN BY: S. TOKAY | DRAWN BY: | | |

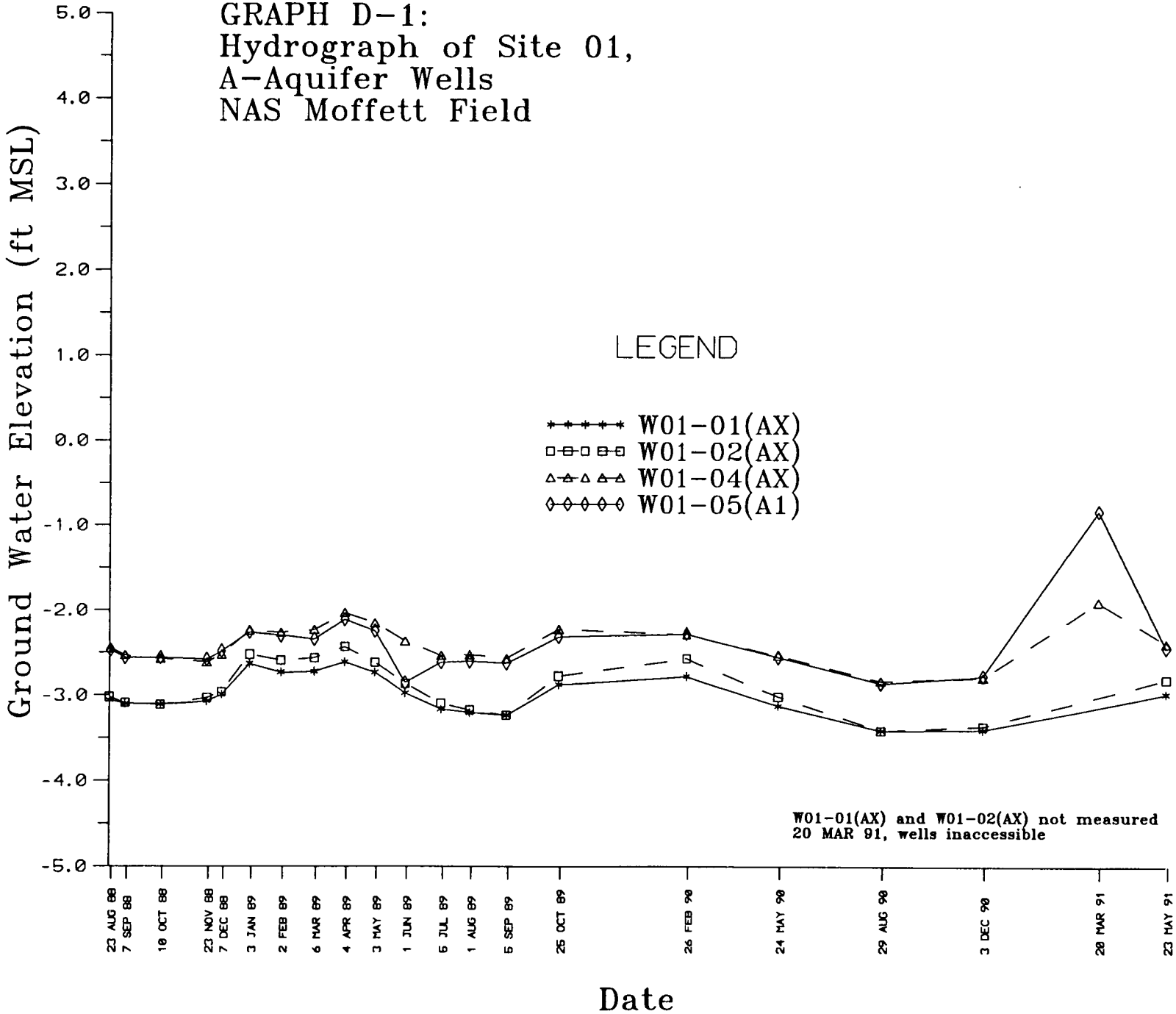
QUARTERLY UPDATE - JULY '91
\IMAGES\40972999

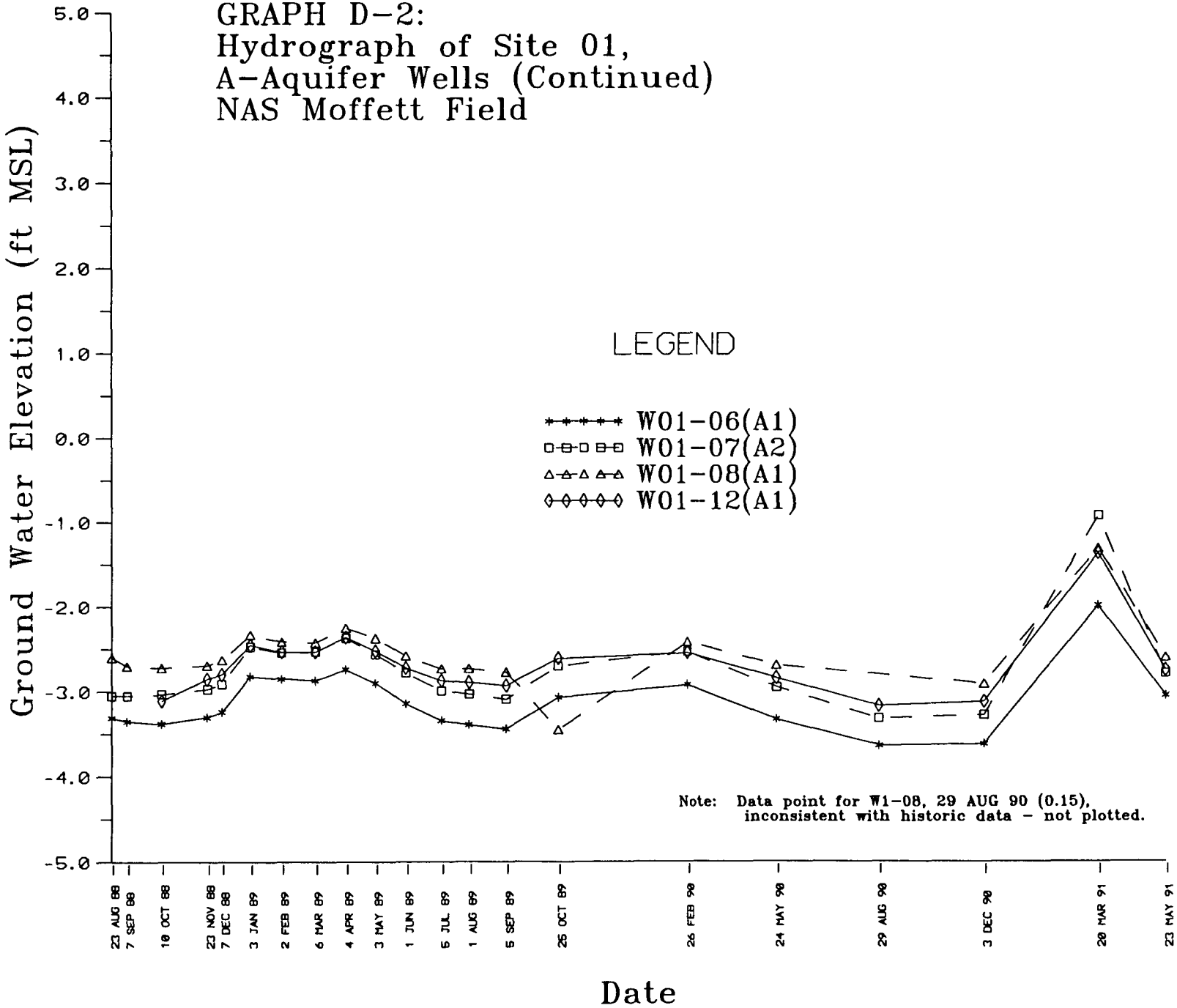
# APPENDIX D

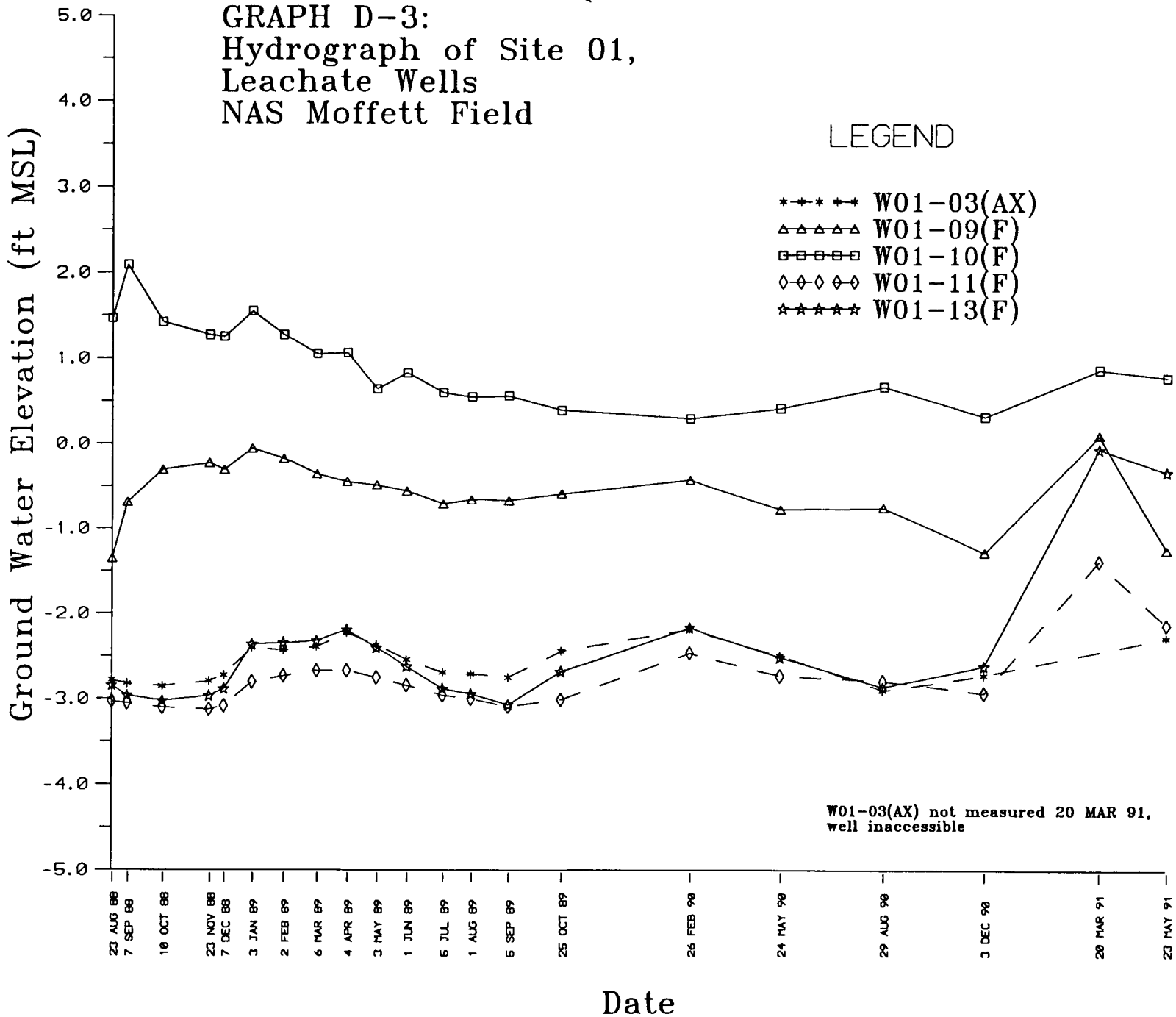
# HYDROGRAPHS

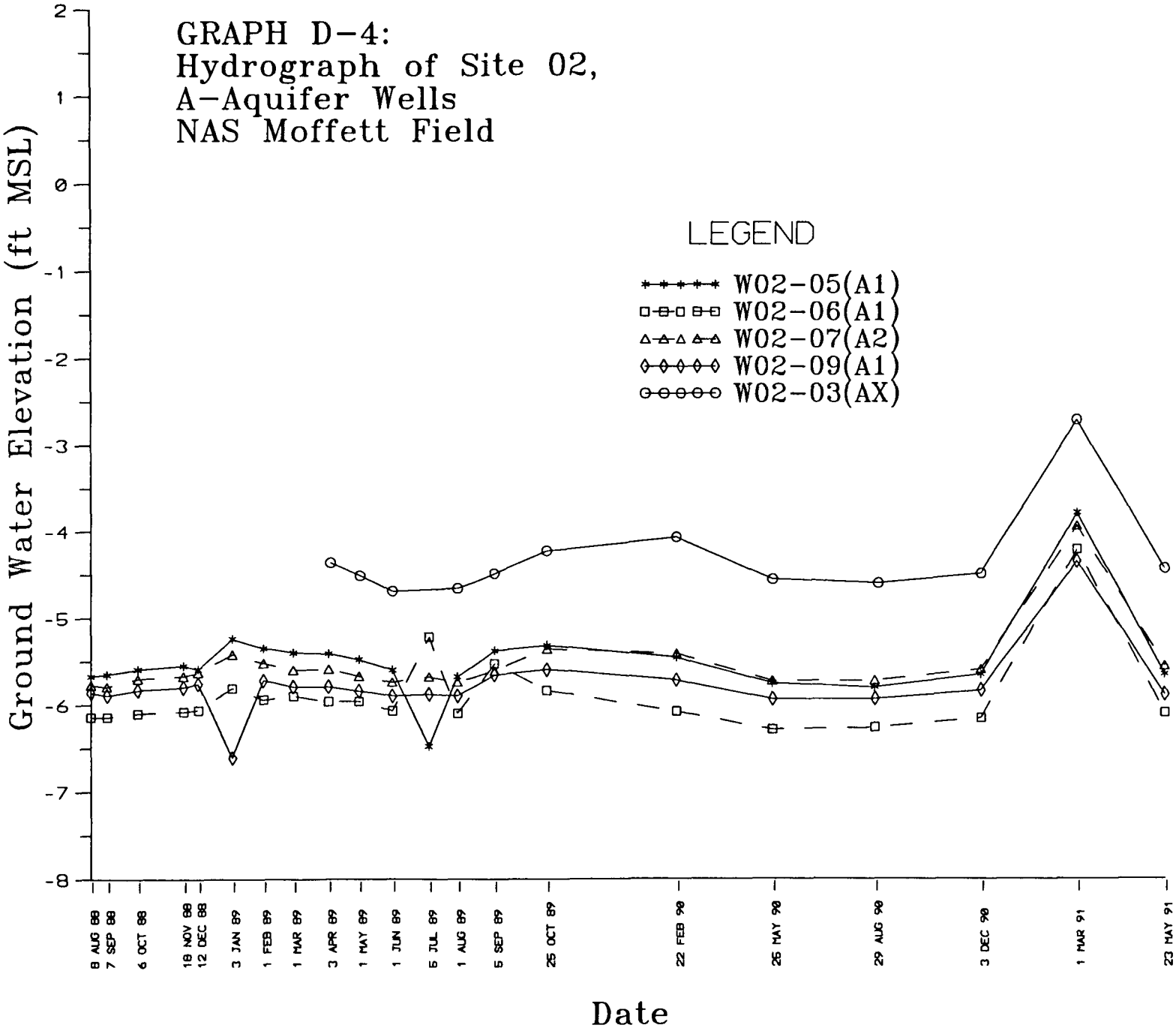
# APPENDIX D
# HYDROGRAPHS

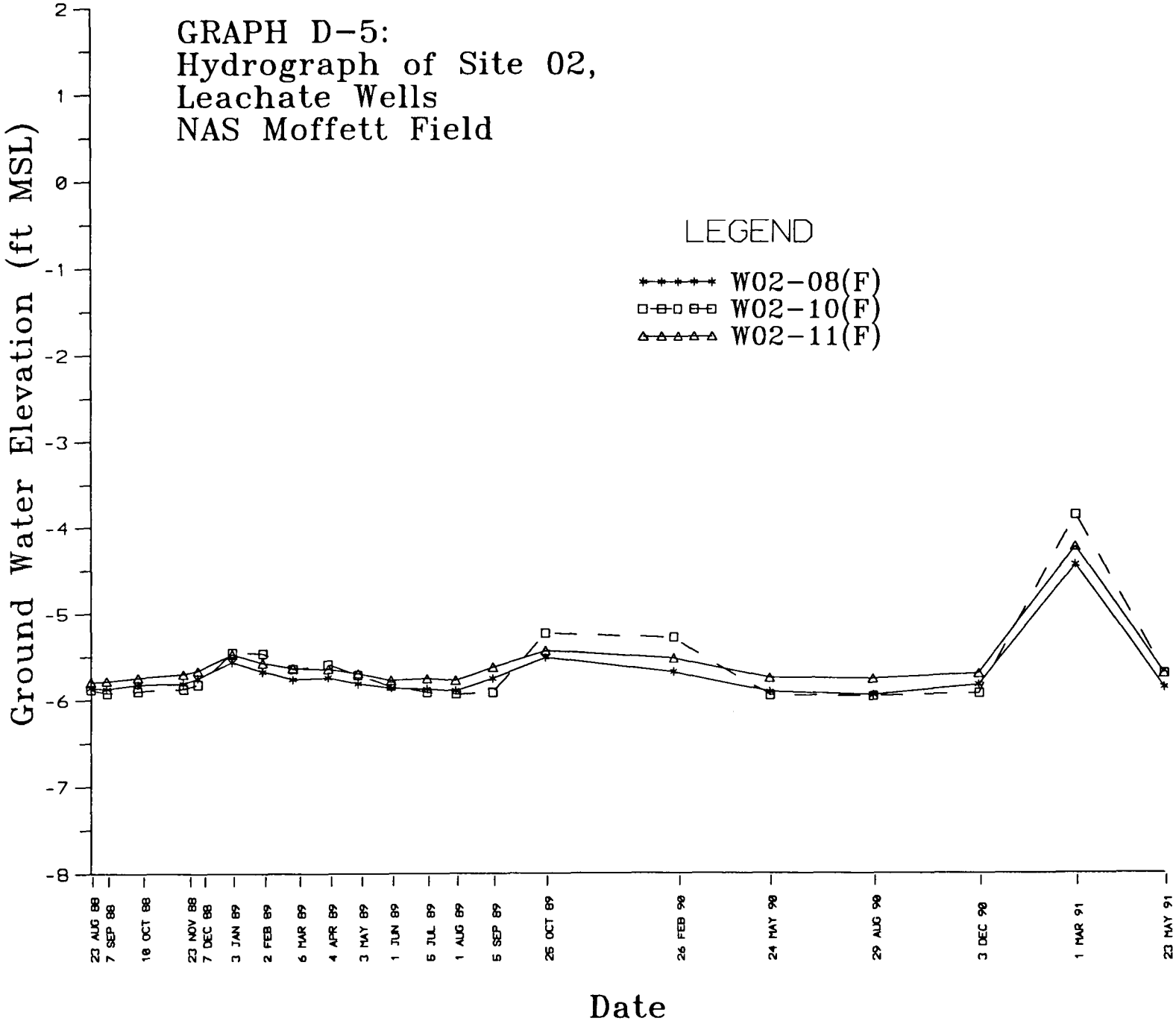
The following hydrographs are depicted by site and subaquifer. The wells chosen for each graph represent wells in proximity to each other and thus should portray similar trends.

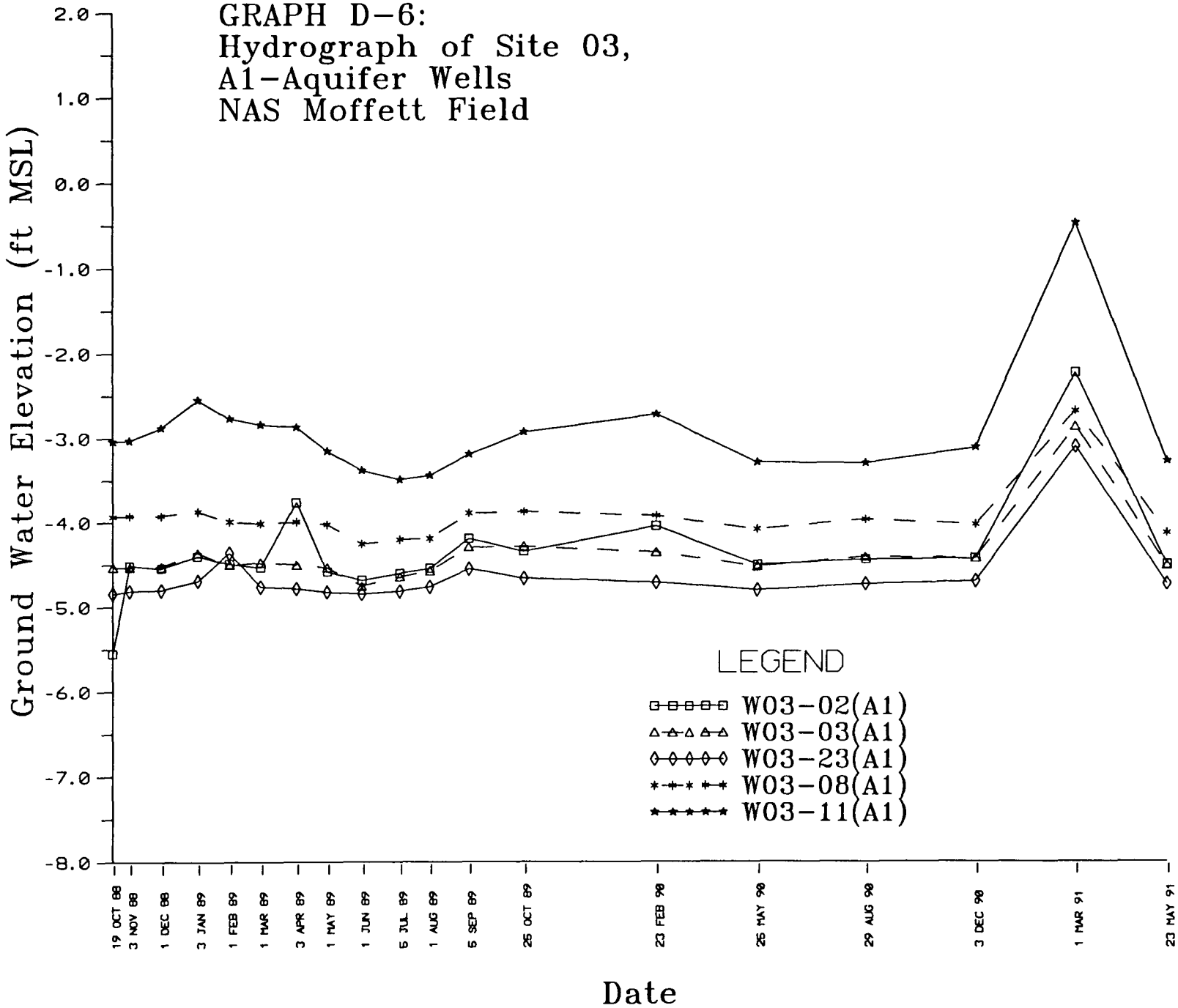

GRAPH D-1:
Hydrograph of Site 01,
A-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
LEGEND
W01-01(AX)
W01-02(AX)
W01-04(AX)
W01-05(A1)
W01-01(AX) and W01-02(AX) not measured
20 MAR 91, wells inaccessible
23 AUG 88
7 SEP 88
18 OCT 88
23 NOV 88
7 DEC 88
3 JAN 89
2 FEB 89
6 MAR 89
4 APR 89
3 MAY 89
1 JUN 89
5 JUL 89
1 AUG 89
5 SEP 89
25 OCT 89
26 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
28 MAR 91
23 MAY 91
Date

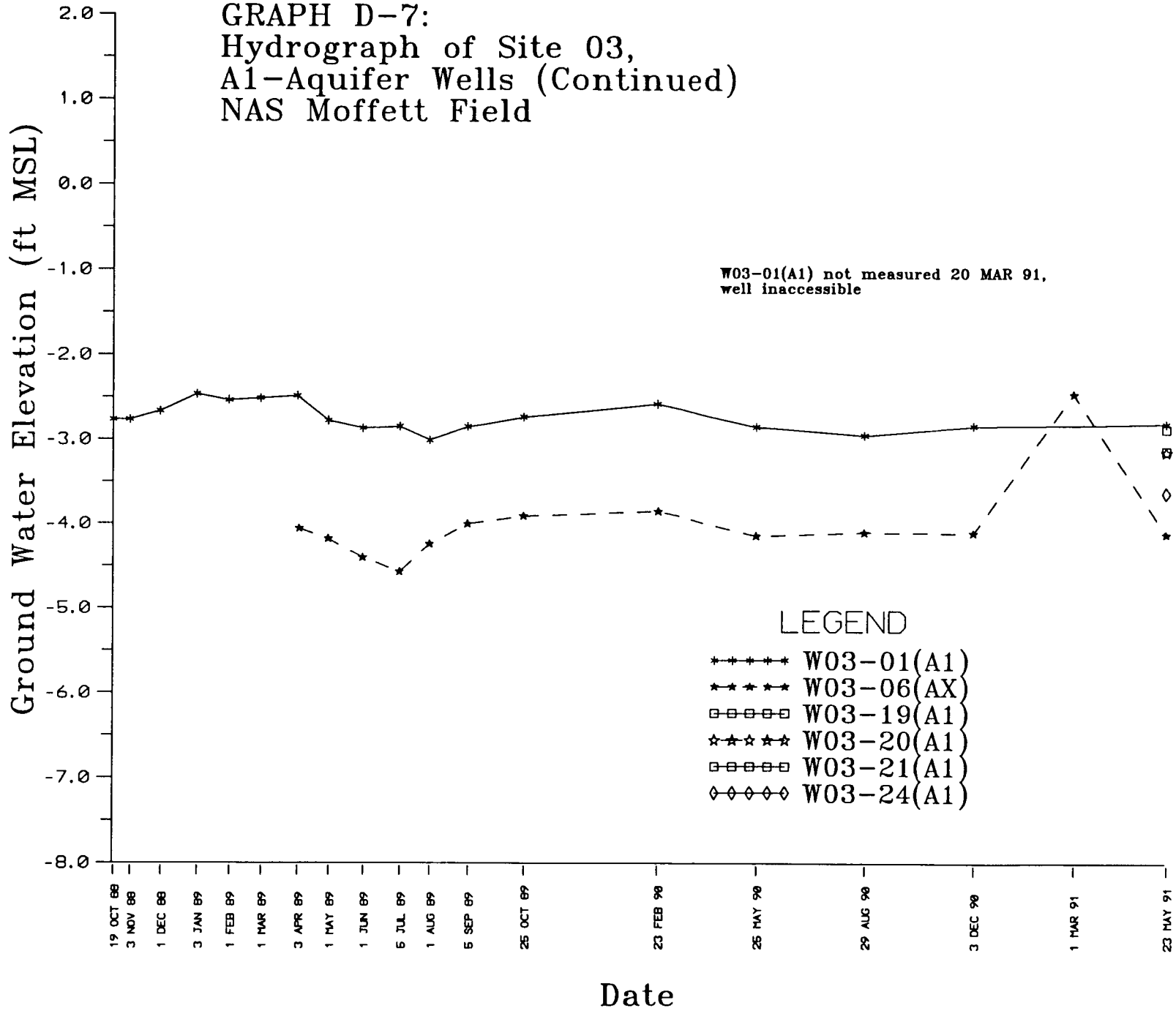

GRAPH D-2:
Hydrograph of Site 01,
A-Aquifer Wells (Continued)
NAS Moffett Field
Ground Water Elevation (ft MSL)
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
LEGEND
W01-06(A1)
W01-07(A2)
W01-08(A1)
W01-12(A1)
Note: Data point for W1-08, 29 AUG 90 (0.15), inconsistent with historic data - not plotted.
23 AUG 88
7 SEP 88
10 OCT 88
23 NOV 88
7 DEC 88
3 JAN 89
2 FEB 89
6 MAR 89
4 APR 89
3 MAY 89
1 JUN 89
6 JUL 89
1 AUG 89
5 SEP 89
25 OCT 89
26 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
20 MAR 91
23 MAY 91
Date

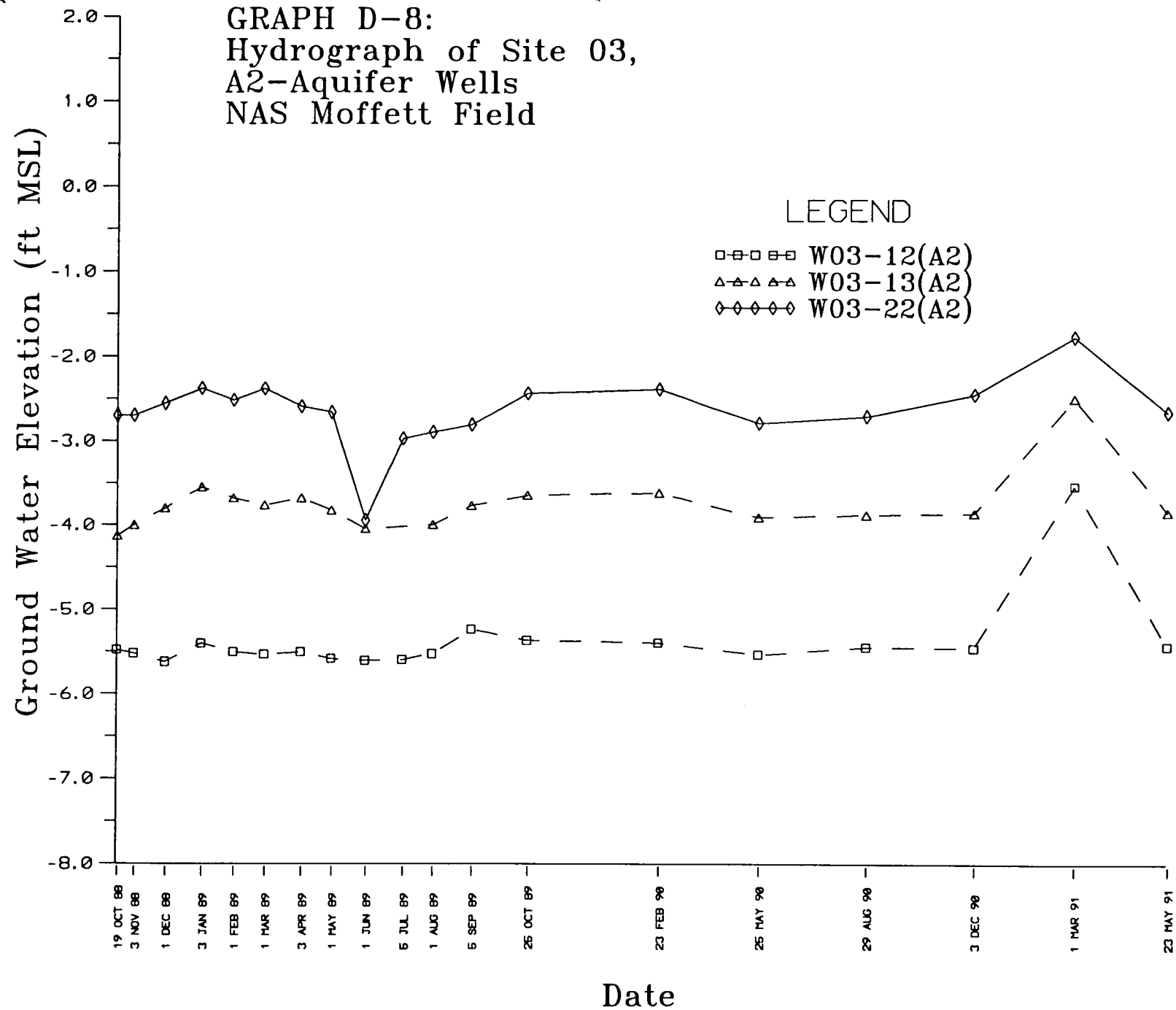

GRAPH D-3:
Hydrograph of Site 01,
Leachate Wells
NAS Moffett Field
LEGEND
W01-03(AX)
W01-09(F)
W01-10(F)
W01-11(F)
W01-13(F)
W01-03(AX) not measured 20 MAR 91, well inaccessible
Ground Water Elevation (ft MSL)
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
23 AUG 88
7 SEP 88
10 OCT 88
23 NOV 88
7 DEC 88
3 JAN 89
2 FEB 89
6 MAR 89
4 APR 89
3 MAY 89
1 JUN 89
6 JUL 89
1 AUG 89
5 SEP 89
25 OCT 89
26 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
20 MAR 91
23 MAY 91
Date

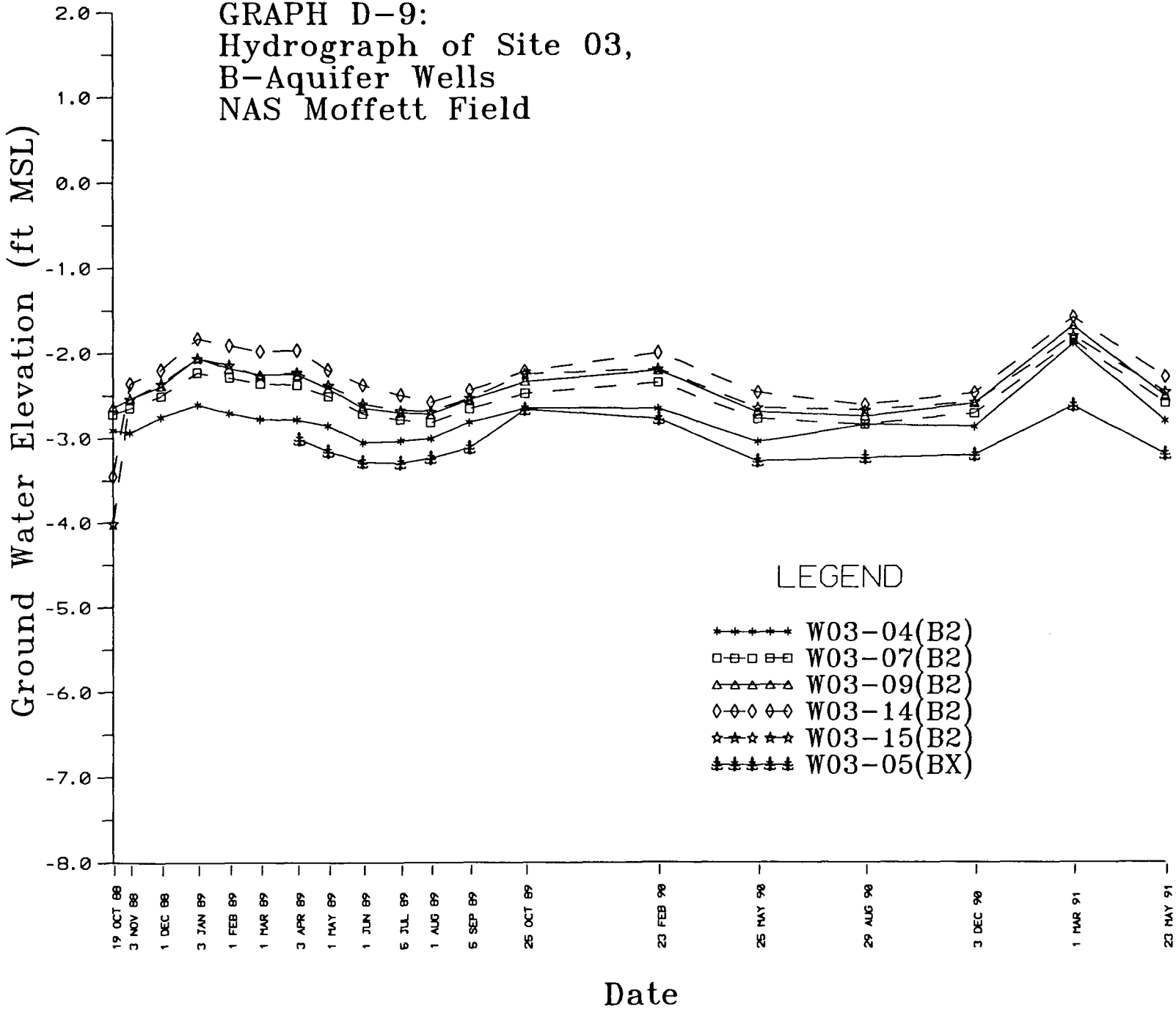

GRAPH D-4:
Hydrograph of Site 02,
A-Aquifer Wells
NAS Moffett Field
LEGEND
W02-05(A1)
W02-06(A1)
W02-07(A2)
W02-09(A1)
W02-03(AX)
Ground Water Elevation (ft MSL)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
8 AUG 88
7 SEP 88
6 OCT 88
18 NOV 88
12 DEC 88
3 JAN 89
1 FEB 89
1 MAR 89
3 APR 89
1 MAY 89
1 JUN 89
5 JUL 89
1 AUG 89
5 SEP 89
25 OCT 89
22 FEB 90
26 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

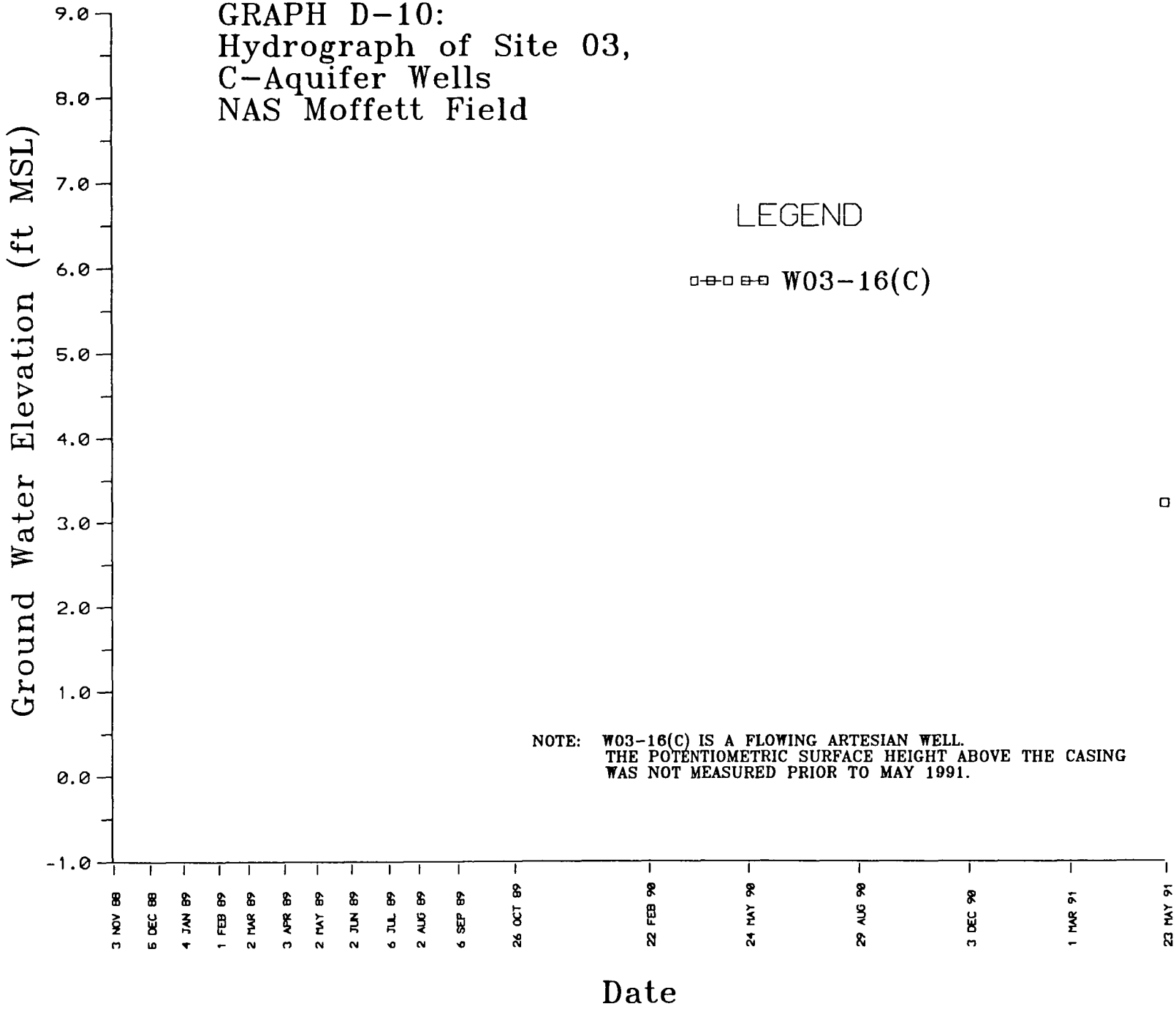

GRAPH D-5:
Hydrograph of Site 02,
Leachate Wells
NAS Moffett Field
LEGEND
W02-08(F)
W02-10(F)
W02-11(F)
Ground Water Elevation (ft MSL)
2
1
0
-1
-2
-3
-4
-5
-6
-7
-8
23 AUG 88
7 SEP 88
18 OCT 88
23 NOV 88
7 DEC 88
3 JAN 89
2 FEB 89
6 MAR 89
4 APR 89
3 MAY 89
1 JUN 89
5 JUL 89
1 AUG 89
5 SEP 89
25 OCT 89
26 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

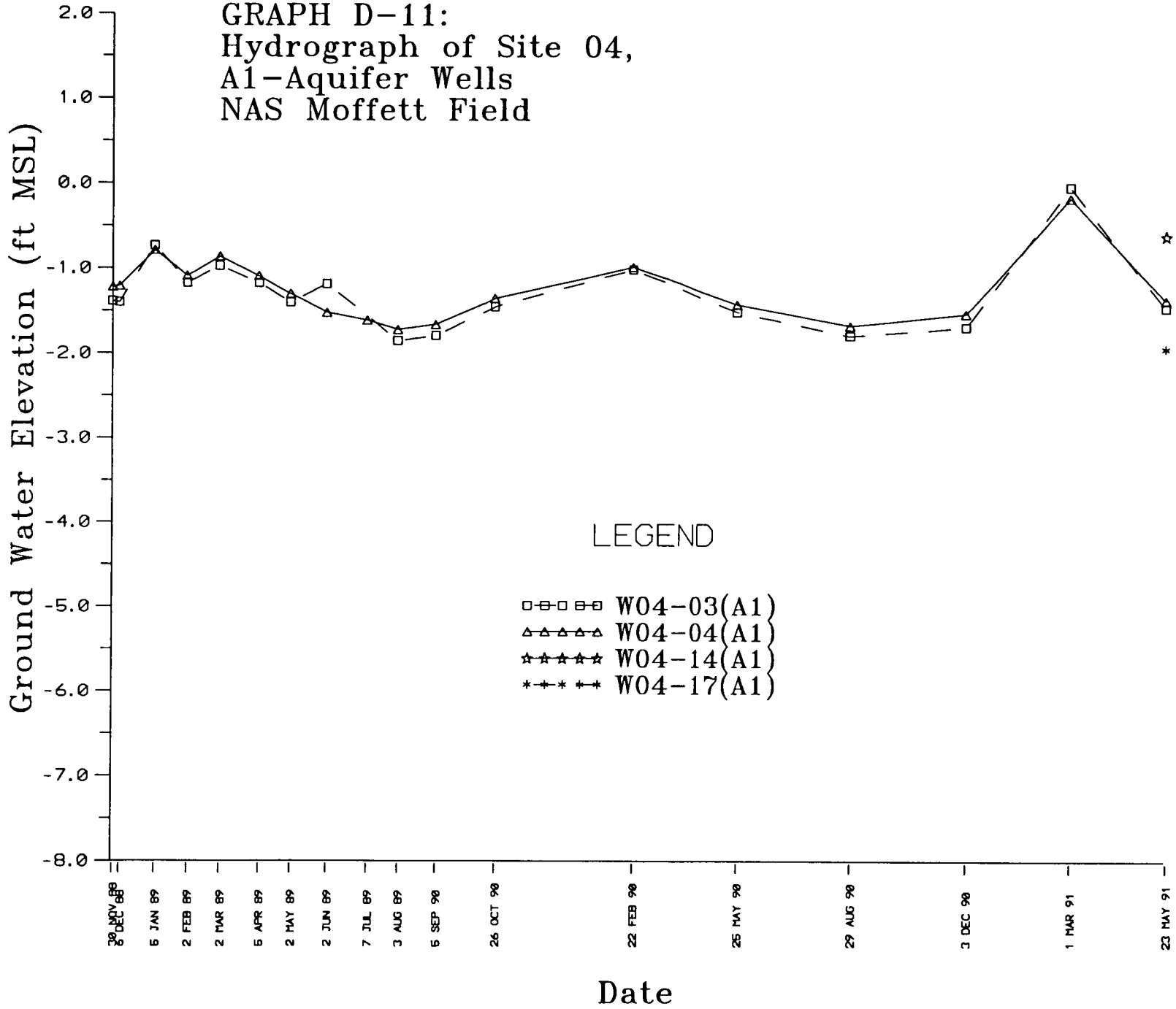

GRAPH D-6:
Hydrograph of Site 03,
A1-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
-6.0
-7.0
-8.0
LEGEND
W03-02(A1)
W03-03(A1)
W03-23(A1)
W03-08(A1)
W03-11(A1)
19 OCT 88
3 NOV 88
1 DEC 88
3 JAN 89
1 FEB 89
1 MAR 89
3 APR 89
1 MAY 89
1 JUN 89
5 JUL 89
1 AUG 89
5 SEP 89
25 OCT 89
23 FEB 90
26 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

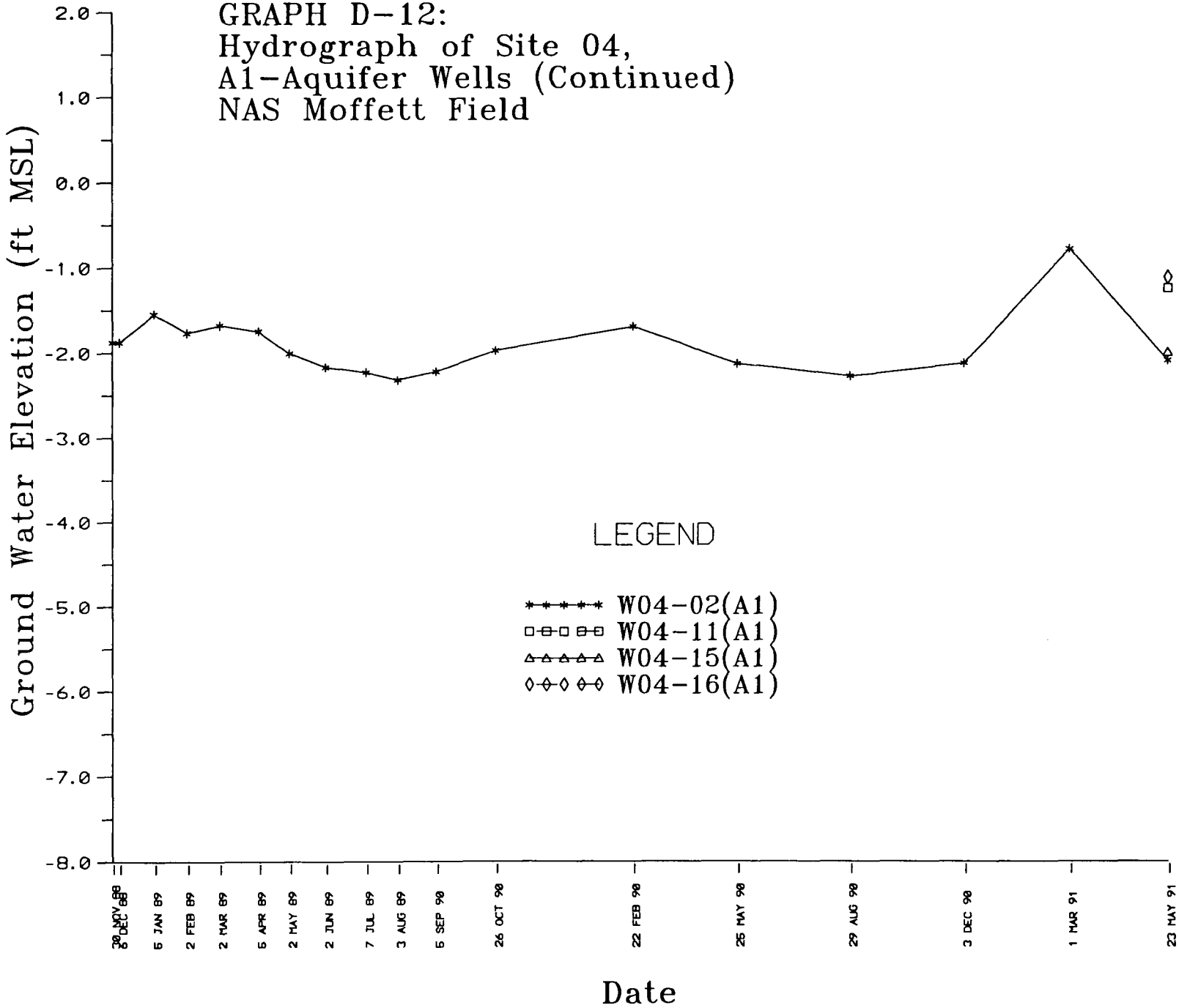

GRAPH D-7:
Hydrograph of Site 03,
A1-Aquifer Wells (Continued)
NAS Moffett Field
W03-01(A1) not measured 20 MAR 91,
well inaccessible
LEGEND
W03-01(A1)
W03-06(AX)
W03-19(A1)
W03-20(A1)
W03-21(A1)
W03-24(A1)
Ground Water Elevation (ft MSL)
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
-6.0
-7.0
-8.0
19 OCT 88
3 NOV 88
1 DEC 88
3 JAN 89
1 FEB 89
1 MAR 89
3 APR 89
1 MAY 89
1 JUN 89
5 JUL 89
1 AUG 89
5 SEP 89
25 OCT 89
23 FEB 90
26 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

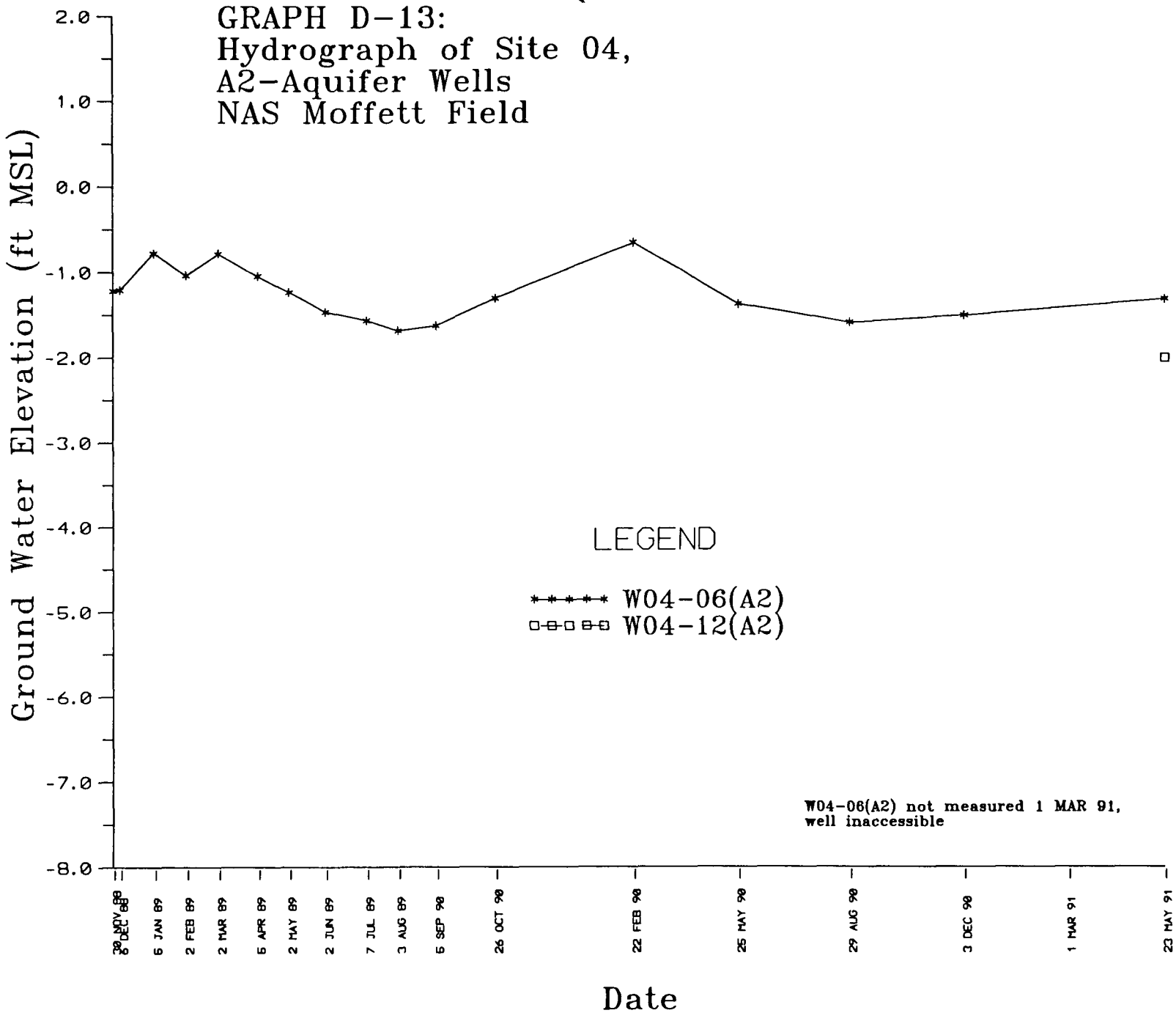

GRAPH D-8:
Hydrograph of Site 03,
A2-Aquifer Wells
NAS Moffett Field
LEGEND
W03-12(A2)
W03-13(A2)
W03-22(A2)
Ground Water Elevation (ft MSL)
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
-6.0
-7.0
-8.0
19 OCT 88
3 NOV 88
1 DEC 88
3 JAN 89
1 FEB 89
1 MAR 89
3 APR 89
1 MAY 89
1 JUN 89
6 JUL 89
1 AUG 89
5 SEP 89
26 OCT 89
23 FEB 90
25 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

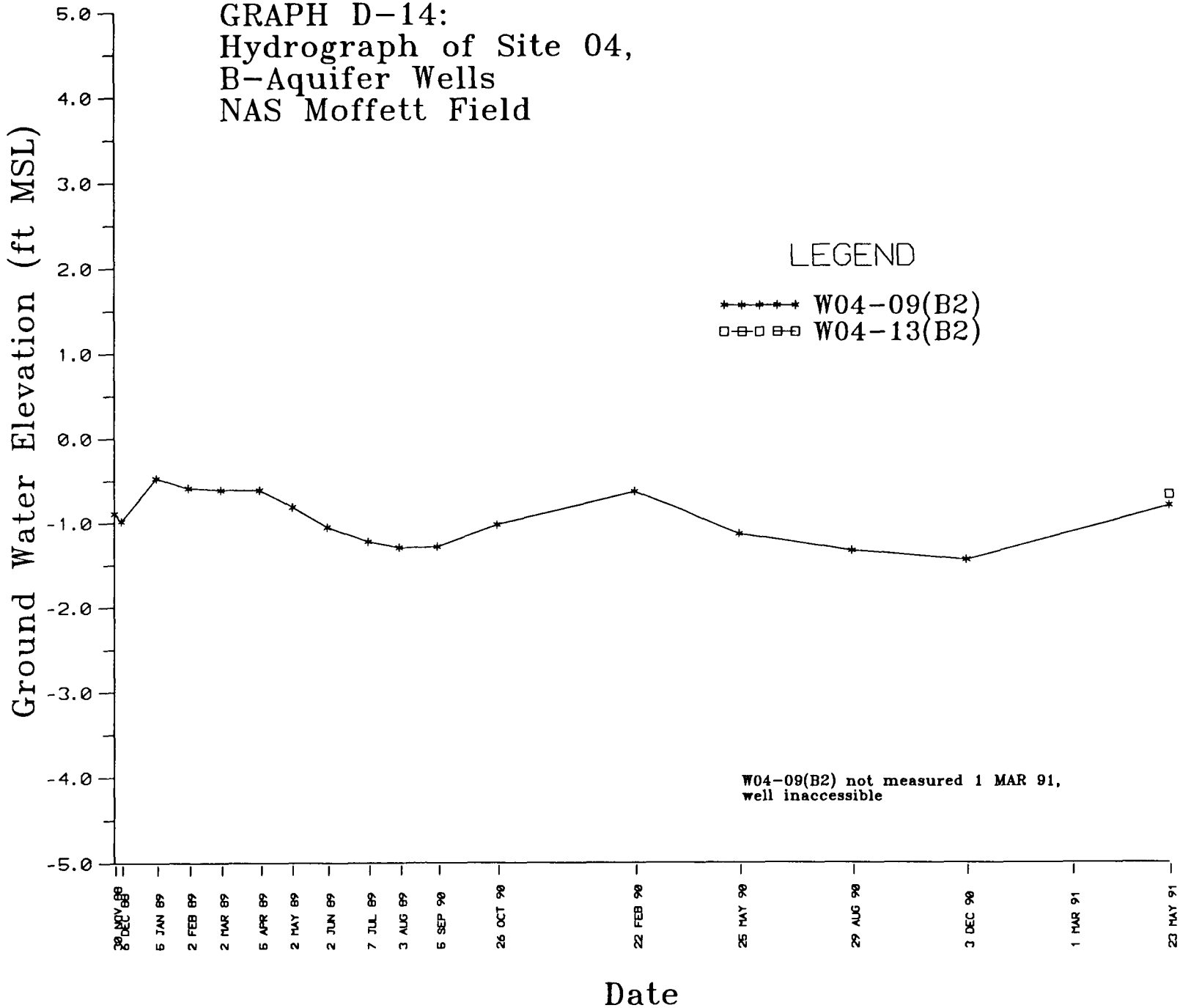

GRAPH D-9:
Hydrograph of Site 03,
B-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
-6.0
-7.0
-8.0
19 OCT 88
3 NOV 88
1 DEC 88
3 JAN 89
1 FEB 89
1 MAR 89
3 APR 89
1 MAY 89
1 JUN 89
6 JUL 89
1 AUG 89
6 SEP 89
25 OCT 89
23 FEB 90
25 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date
LEGEND
W03-04(B2)
W03-07(B2)
W03-09(B2)
W03-14(B2)
W03-15(B2)
W03-05(BX)

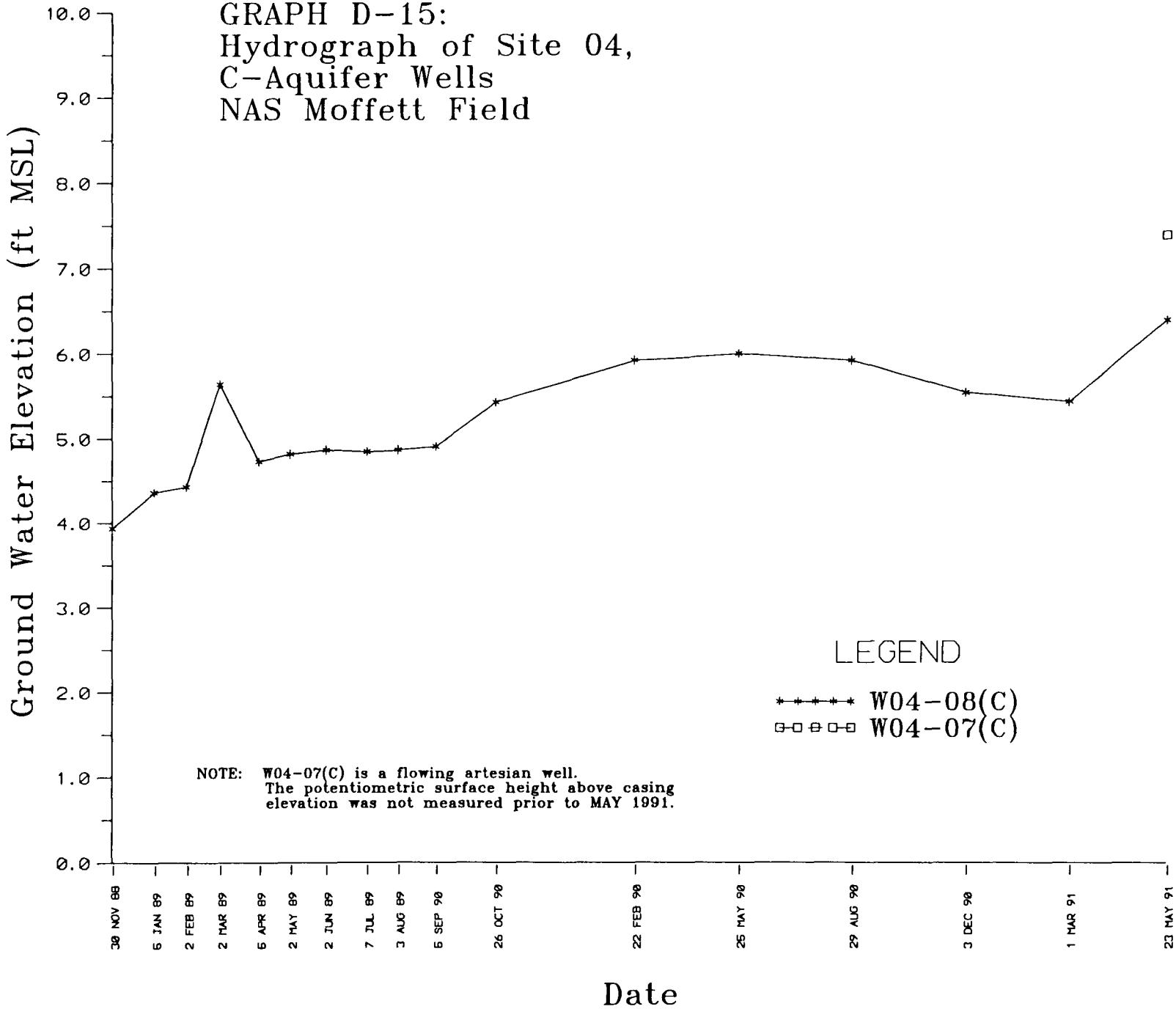

GRAPH D-10:
Hydrograph of Site 03,
C-Aquifer Wells
NAS Moffett Field
LEGEND
W03-16(C)
NOTE: W03-16(C) IS A FLOWING ARTESIAN WELL.
THE POTENTIOMETRIC SURFACE HEIGHT ABOVE THE CASING
WAS NOT MEASURED PRIOR TO MAY 1991.
Ground Water Elevation (ft MSL)
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
3 NOV 88
5 DEC 88
4 JAN 89
1 FEB 89
2 MAR 89
3 APR 89
2 MAY 89
2 JUN 89
6 JUL 89
2 AUG 89
6 SEP 89
26 OCT 89
22 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

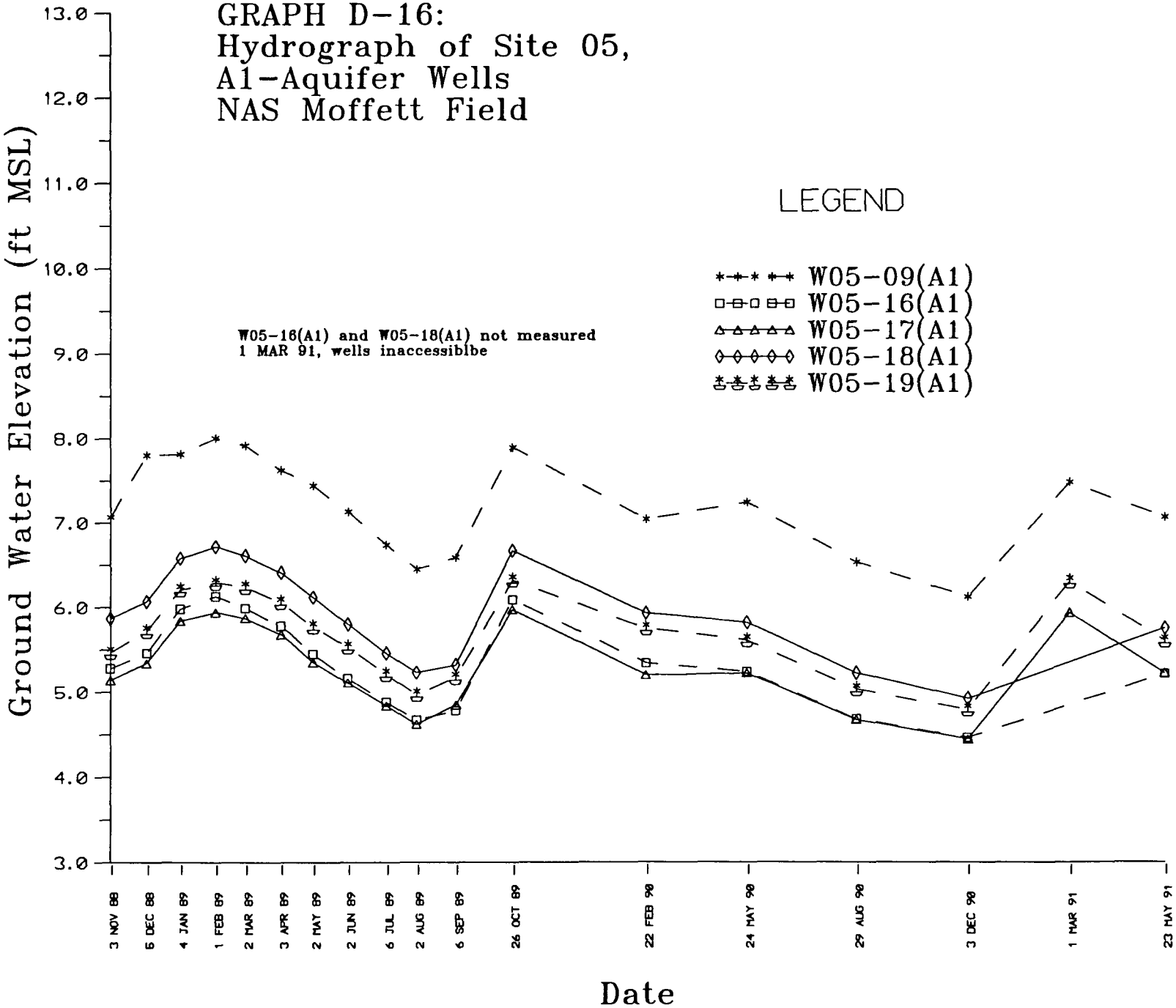

GRAPH D-11:
Hydrograph of Site 04,
A1-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
-6.0
-7.0
-8.0
LEGEND
W04-03(A1)
W04-04(A1)
W04-14(A1)
W04-17(A1)
30 NOV 88
8 DEC 88
6 JAN 89
2 FEB 89
2 MAR 89
5 APR 89
2 MAY 89
2 JUN 89
7 JUL 89
3 AUG 89
5 SEP 90
26 OCT 90
22 FEB 90
25 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

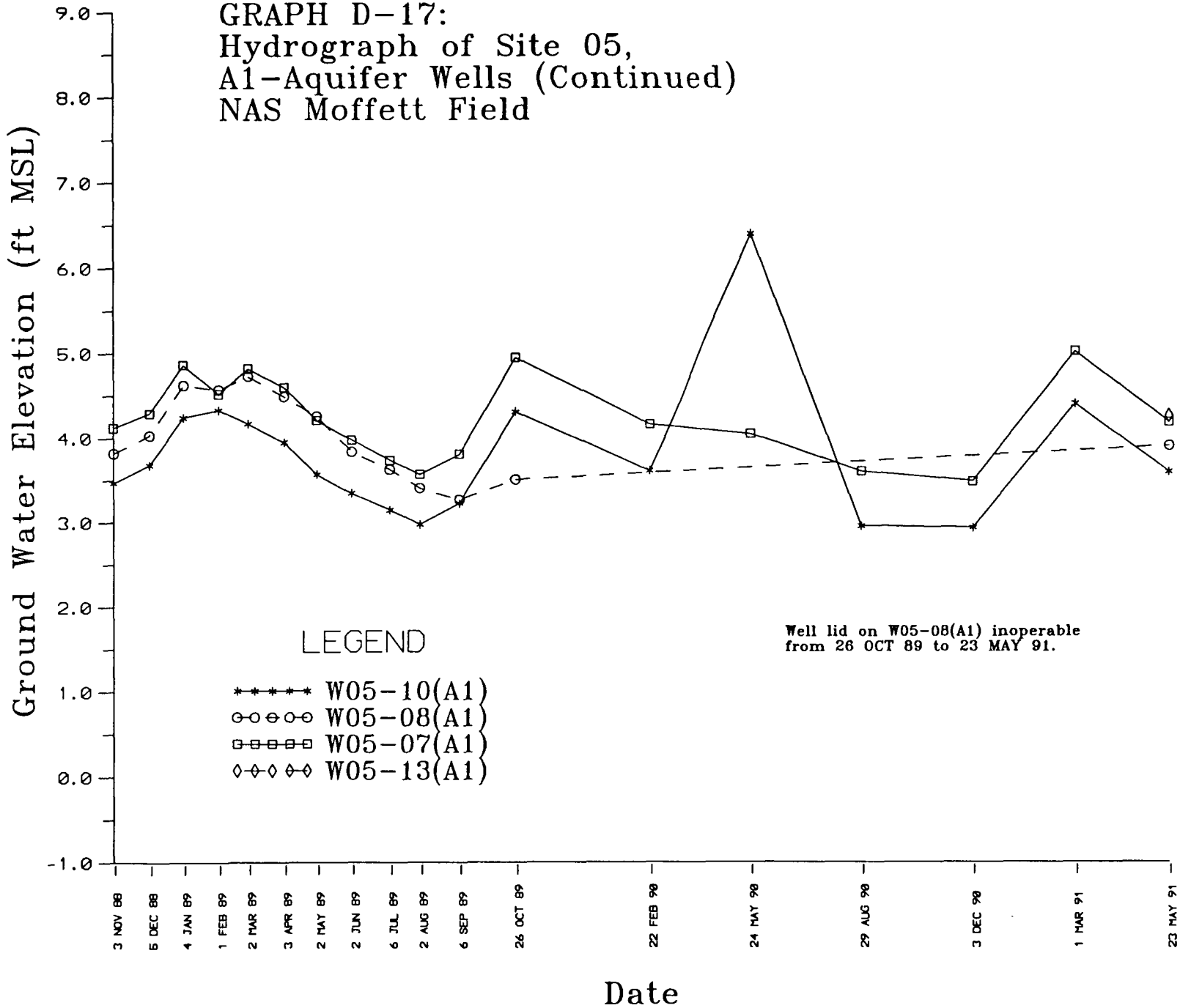

GRAPH D-12:
Hydrograph of Site 04,
A1-Aquifer Wells (Continued)
NAS Moffett Field
Ground Water Elevation (ft MSL)
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
-6.0
-7.0
-8.0
LEGEND
W04-02(A1)
W04-11(A1)
W04-15(A1)
W04-16(A1)
30 NOV 88
8 DEC 88
5 JAN 89
2 FEB 89
2 MAR 89
5 APR 89
2 MAY 89
2 JUN 89
7 JUL 89
3 AUG 89
5 SEP 90
26 OCT 90
22 FEB 90
25 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

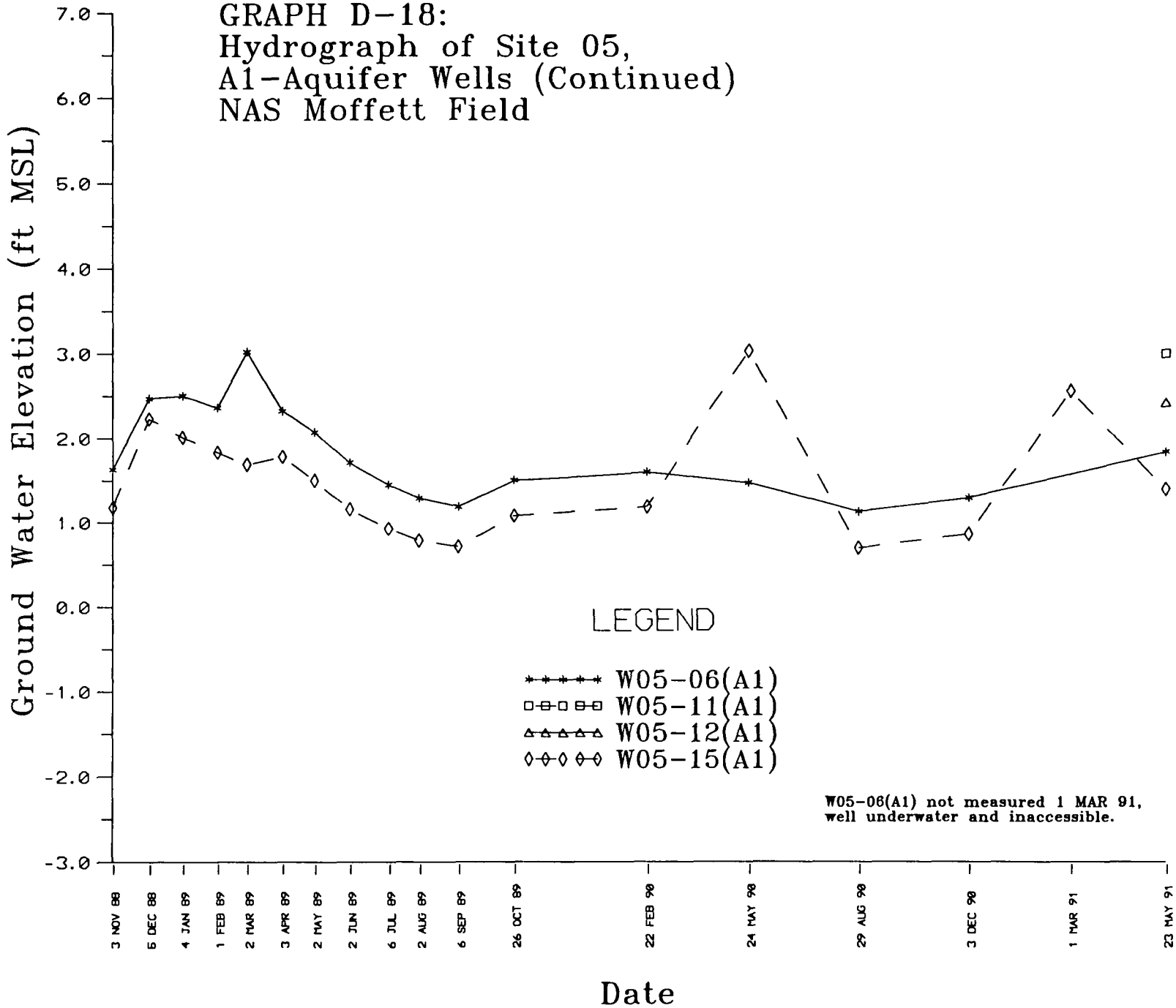

GRAPH D-13:
Hydrograph of Site 04,
A2-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
-6.0
-7.0
-8.0
LEGEND
W04-06(A2)
W04-12(A2)
W04-06(A2) not measured 1 MAR 91,
well inaccessible
30 NOV 88
8 DEC 88
6 JAN 89
2 FEB 89
2 MAR 89
6 APR 89
2 MAY 89
2 JUN 89
7 JUL 89
3 AUG 89
5 SEP 90
26 OCT 90
22 FEB 90
25 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

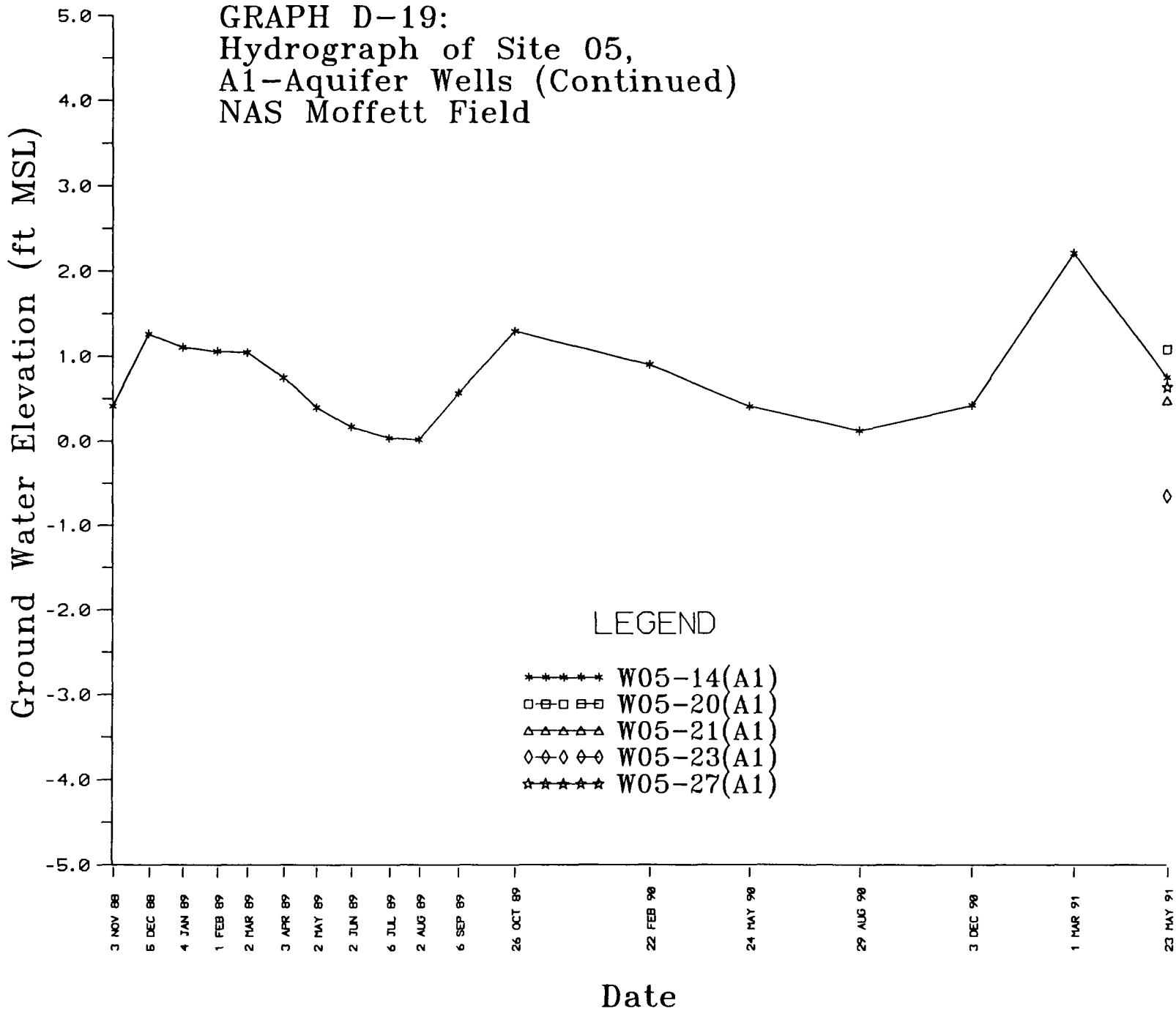

GRAPH D-14:
Hydrograph of Site 04,
B-Aquifer Wells
NAS Moffett Field
LEGEND
W04-09(B2)
W04-13(B2)
W04-09(B2) not measured 1 MAR 91,
well inaccessible
Ground Water Elevation (ft MSL)
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
30 NOV 88
8 DEC 88
5 JAN 89
2 FEB 89
2 MAR 89
5 APR 89
2 MAY 89
2 JUN 89
7 JUL 89
3 AUG 89
5 SEP 90
26 OCT 90
22 FEB 90
25 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

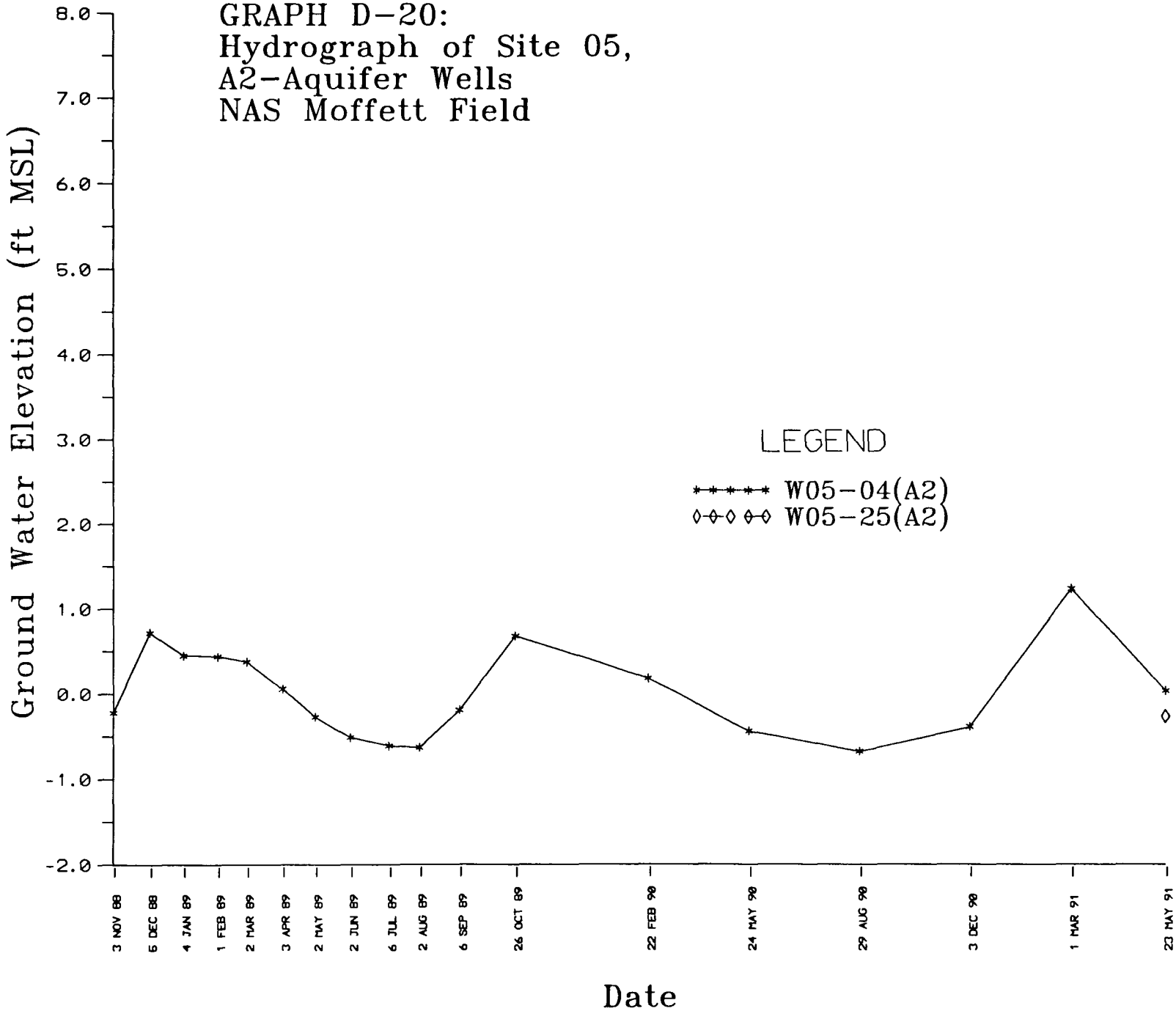

GRAPH D-15:
Hydrograph of Site 04,
C-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
30 NOV 88
5 JAN 89
2 FEB 89
2 MAR 89
5 APR 89
2 MAY 89
2 JUN 89
7 JUL 89
3 AUG 89
5 SEP 90
26 OCT 90
22 FEB 90
25 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date
LEGEND
W04-08(C)
W04-07(C)
NOTE: W04-07(C) is a flowing artesian well.
The potentiometric surface height above casing
elevation was not measured prior to MAY 1991.

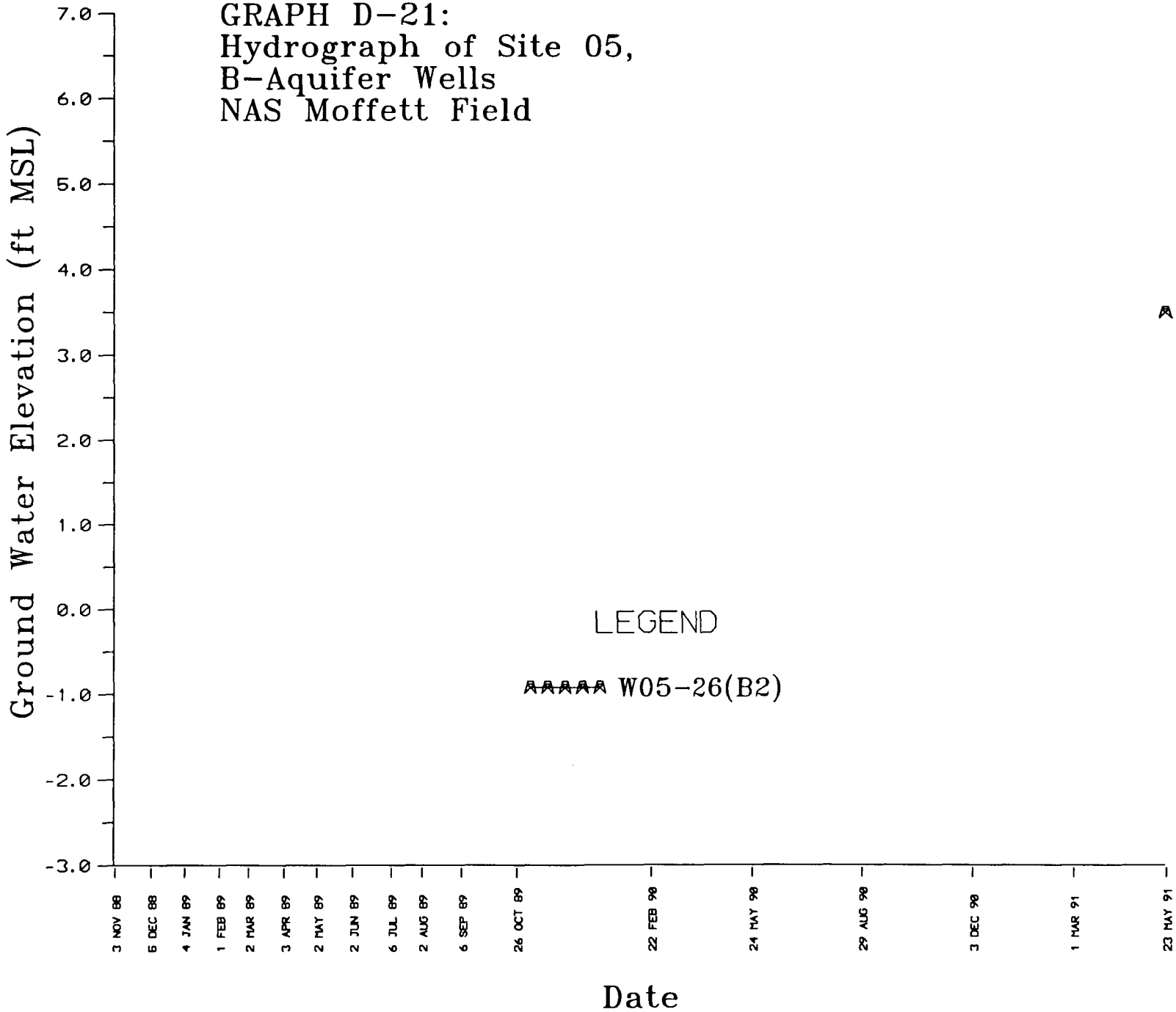

GRAPH D-16:
Hydrograph of Site 05,
A1-Aquifer Wells
NAS Moffett Field
LEGEND
W05-09(A1)
W05-16(A1)
W05-17(A1)
W05-18(A1)
W05-19(A1)
W05-16(A1) and W05-18(A1) not measured
1 MAR 91, wells inaccessiblbe
Ground Water Elevation (ft MSL)
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
3 NOV 88
6 DEC 88
4 JAN 89
1 FEB 89
2 MAR 89
3 APR 89
2 MAY 89
2 JUN 89
6 JUL 89
2 AUG 89
6 SEP 89
26 OCT 89
22 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

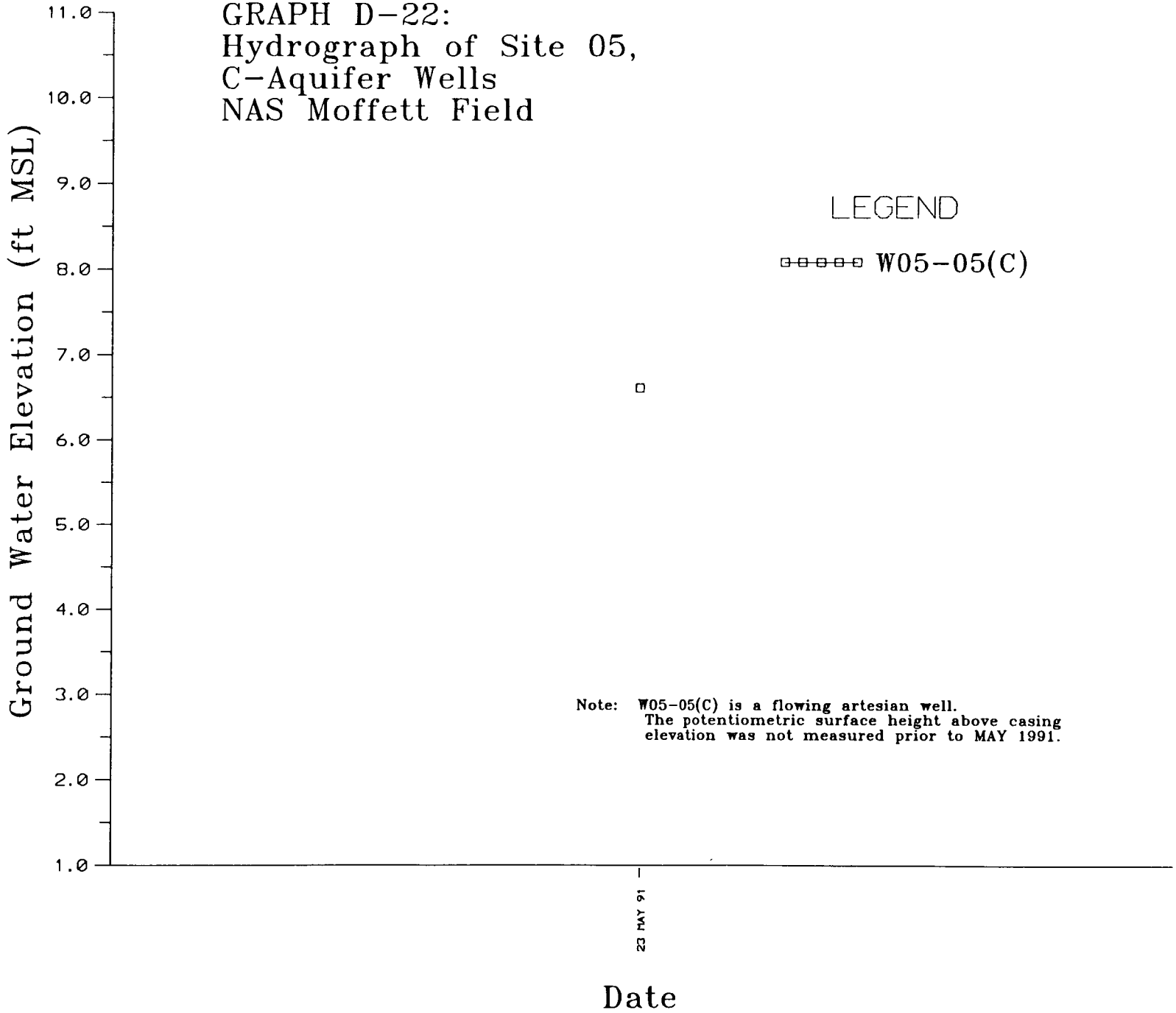

GRAPH D-17:
Hydrograph of Site 05,
A1-Aquifer Wells (Continued)
NAS Moffett Field
Ground Water Elevation (ft MSL)
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
LEGEND
W05-10(A1)
W05-08(A1)
W05-07(A1)
W05-13(A1)
Well lid on W05-08(A1) inoperable from 26 OCT 89 to 23 MAY 91.
3 NOV 88
5 DEC 88
4 JAN 89
1 FEB 89
2 MAR 89
3 APR 89
2 MAY 89
2 JUN 89
6 JUL 89
2 AUG 89
6 SEP 89
26 OCT 89
22 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

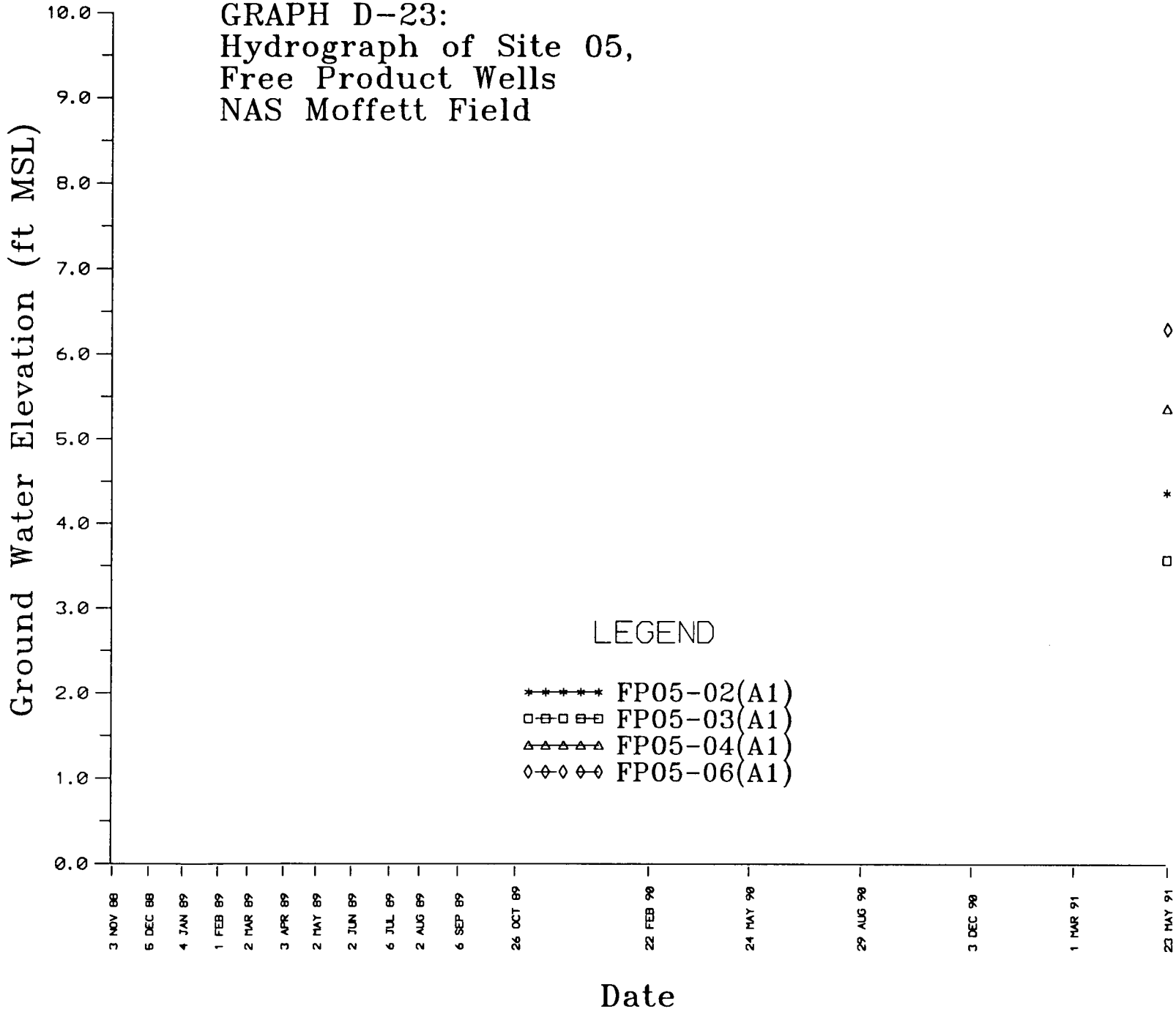

GRAPH D-18:
Hydrograph of Site 05,
A1-Aquifer Wells (Continued)
NAS Moffett Field
Ground Water Elevation (ft MSL)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
LEGEND
W05-06(A1)
W05-11(A1)
W05-12(A1)
W05-15(A1)
W05-06(A1) not measured 1 MAR 91,
well underwater and inaccessible.
3 NOV 88
5 DEC 88
4 JAN 89
1 FEB 89
2 MAR 89
3 APR 89
2 MAY 89
2 JUN 89
6 JUL 89
2 AUG 89
6 SEP 89
26 OCT 89
22 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

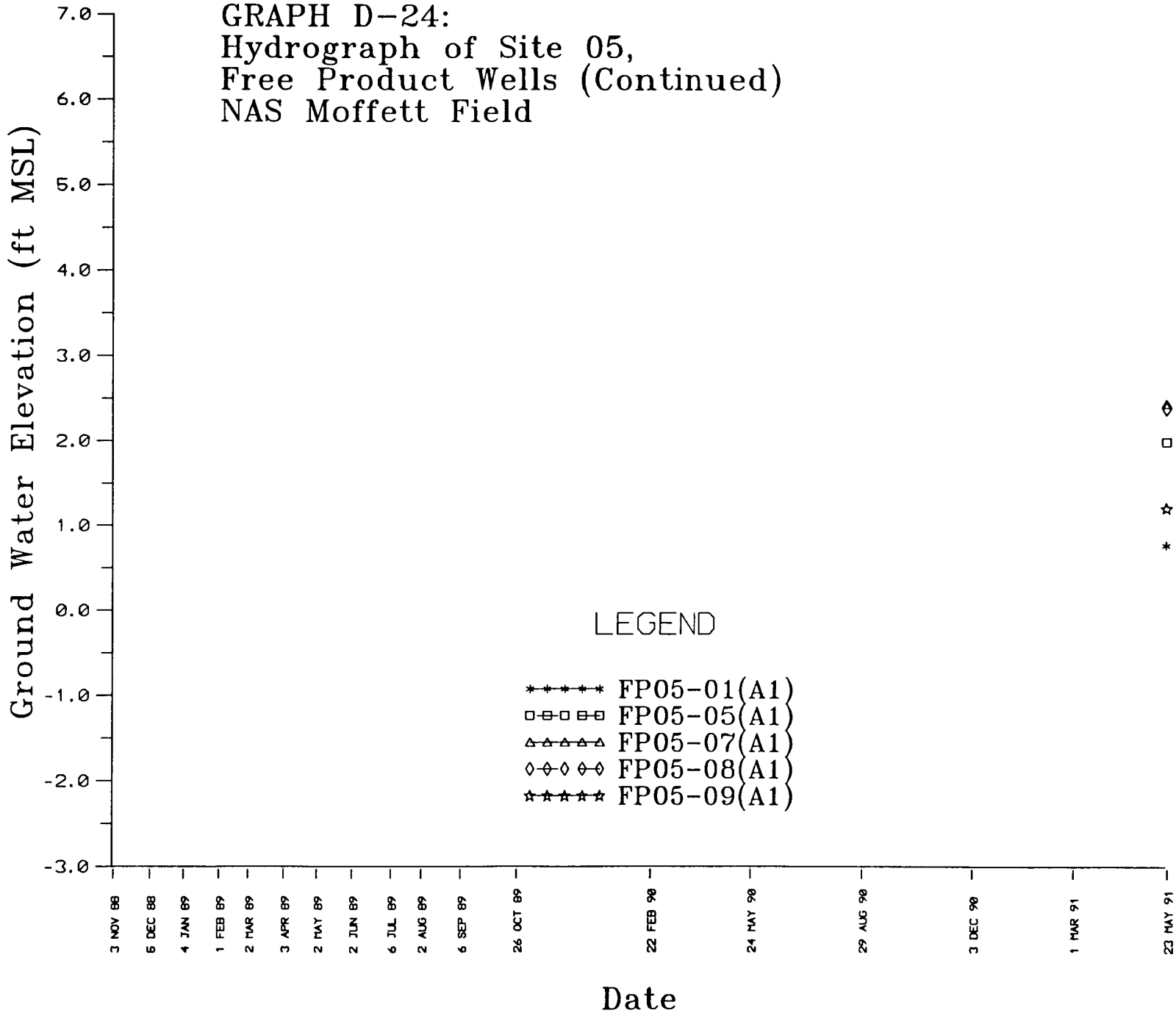

GRAPH D-19:
Hydrograph of Site 05,
A1-Aquifer Wells (Continued)
NAS Moffett Field
Ground Water Elevation (ft MSL)
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
LEGEND
W05-14(A1)
W05-20(A1)
W05-21(A1)
W05-23(A1)
W05-27(A1)
3 NOV 88
5 DEC 88
4 JAN 89
1 FEB 89
2 MAR 89
3 APR 89
2 MAY 89
2 JUN 89
6 JUL 89
2 AUG 89
6 SEP 89
26 OCT 89
22 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

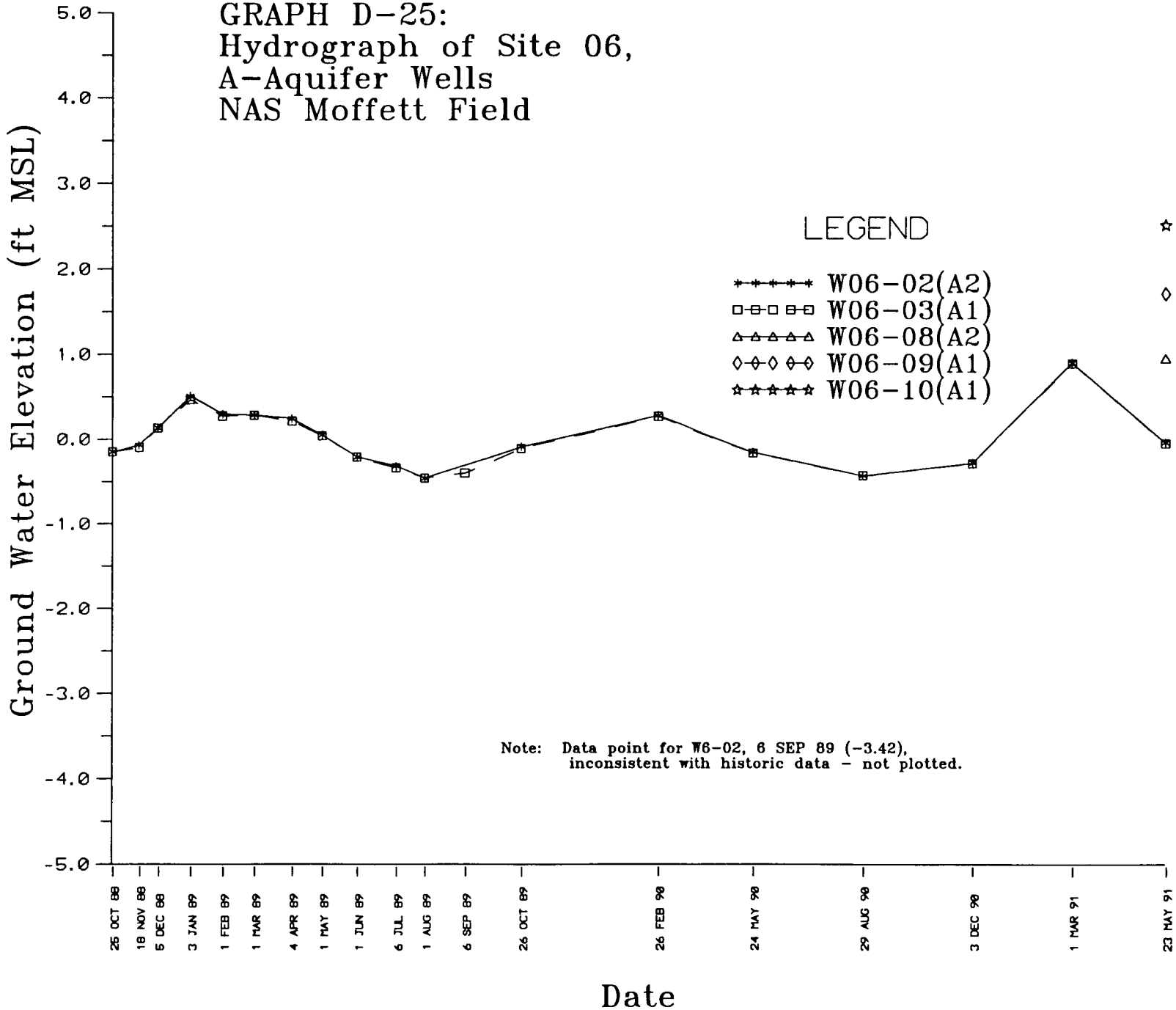

GRAPH D-20:
Hydrograph of Site 05,
A2-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
LEGEND
W05-04(A2)
W05-25(A2)
3 NOV 88
5 DEC 88
4 JAN 89
1 FEB 89
2 MAR 89
3 APR 89
2 MAY 89
2 JUN 89
6 JUL 89
2 AUG 89
6 SEP 89
26 OCT 89
22 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

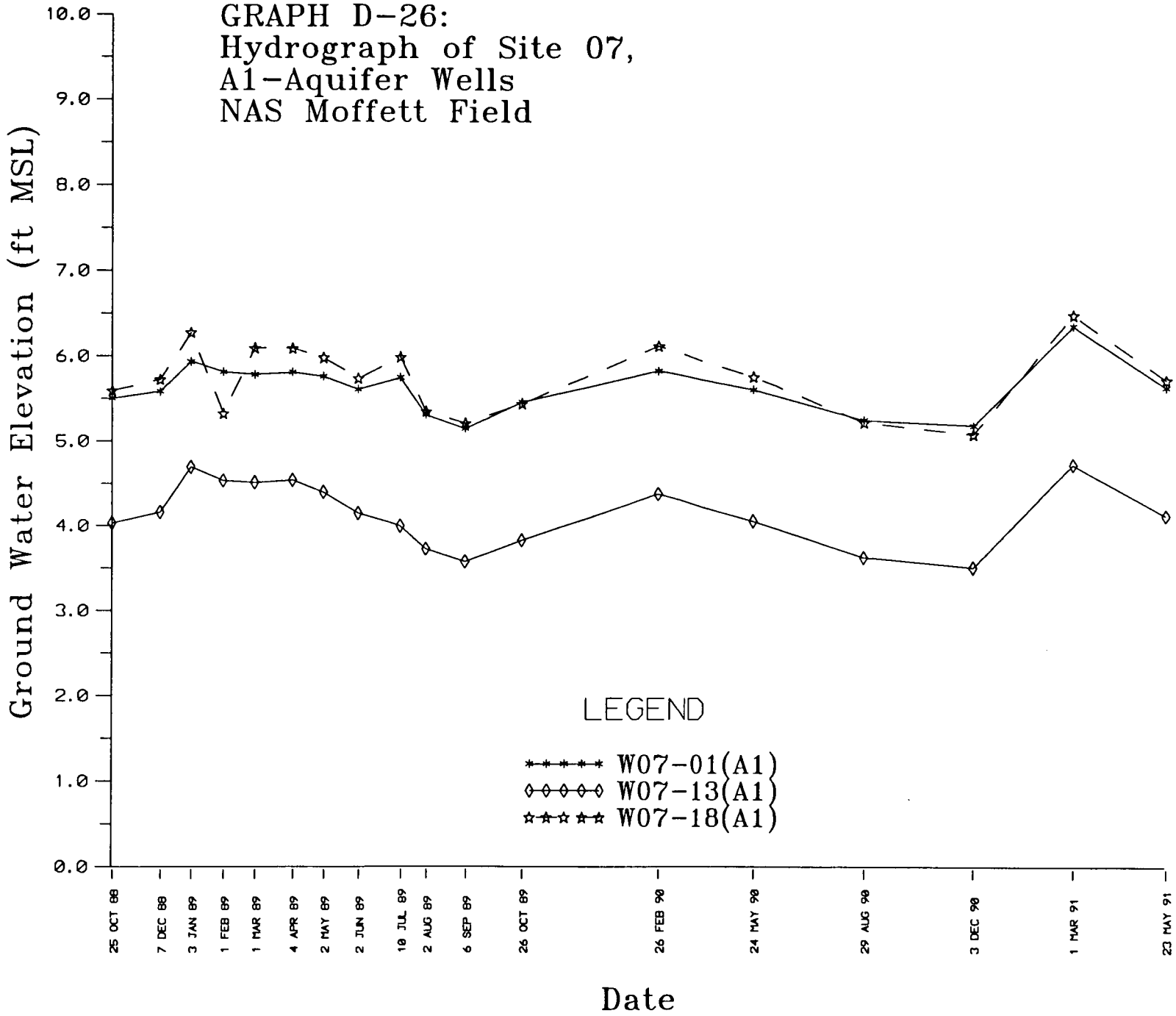

GRAPH D-21:
Hydrograph of Site 05,
B-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
LEGEND
W05-26(B2)
3 NOV 88
5 DEC 88
4 JAN 89
1 FEB 89
2 MAR 89
3 APR 89
2 MAY 89
2 JUN 89
6 JUL 89
2 AUG 89
6 SEP 89
26 OCT 89
22 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

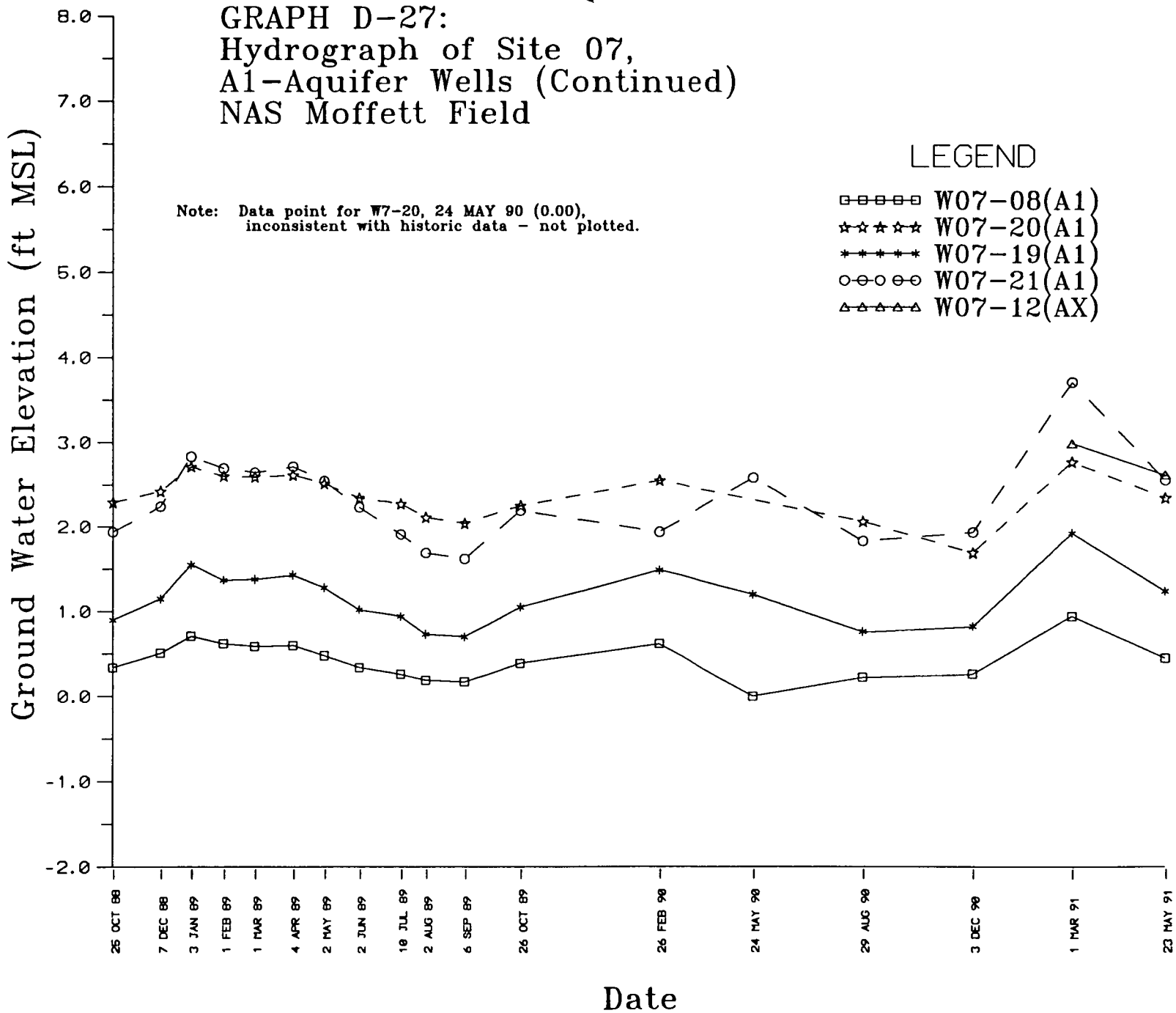

GRAPH D-22:
Hydrograph of Site 05,
C-Aquifer Wells
NAS Moffett Field
LEGEND
W05-05(C)
Ground Water Elevation (ft MSL)
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
23 MAY 91
Date
Note: W05-05(C) is a flowing artesian well.
The potentiometric surface height above casing
elevation was not measured prior to MAY 1991.

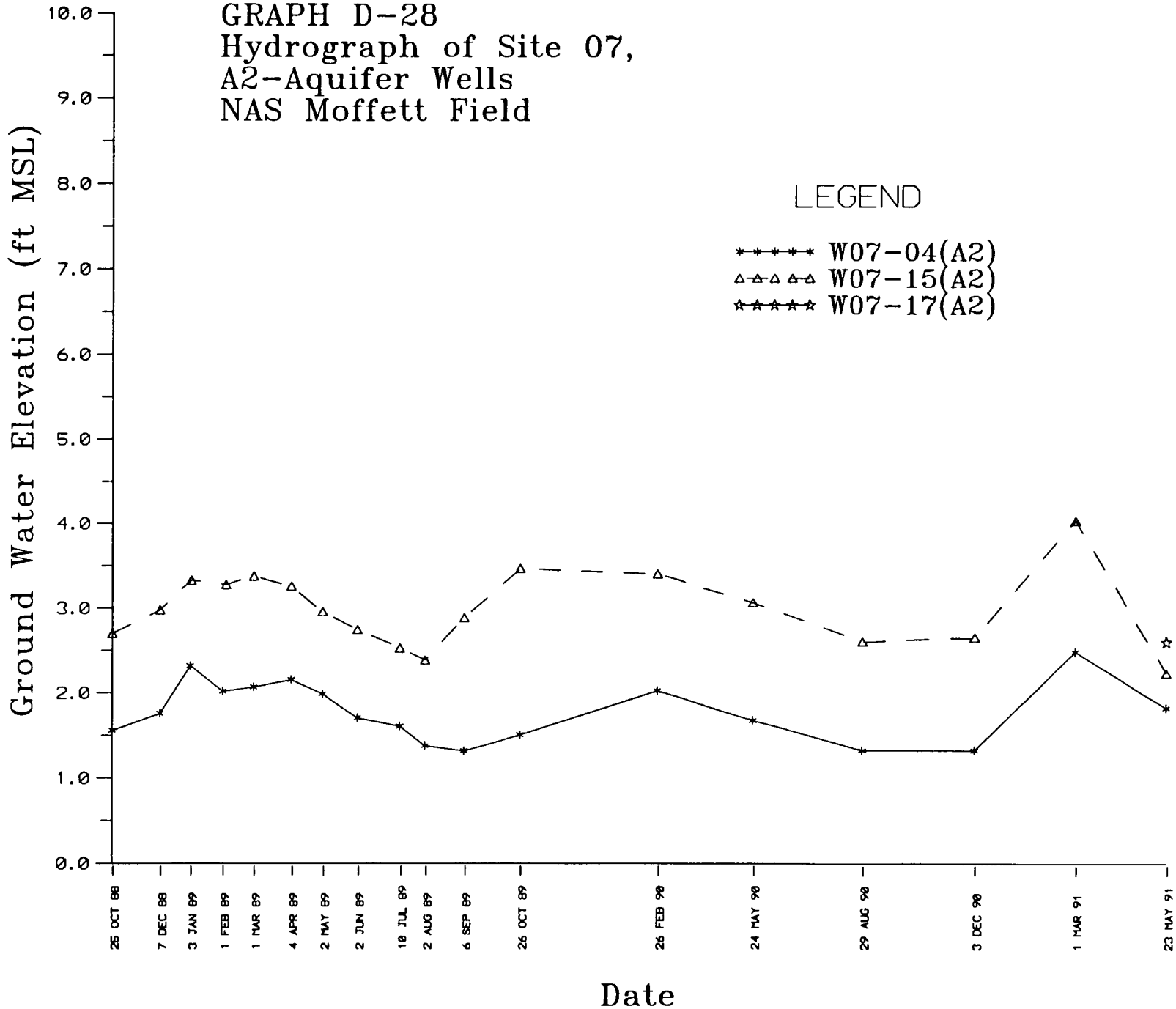

GRAPH D-23:
Hydrograph of Site 05,
Free Product Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
LEGEND
FP05-02(A1)
FP05-03(A1)
FP05-04(A1)
FP05-06(A1)
3 NOV 88
5 DEC 88
4 JAN 89
1 FEB 89
2 MAR 89
3 APR 89
2 MAY 89
2 JUN 89
6 JUL 89
2 AUG 89
6 SEP 89
26 OCT 89
22 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

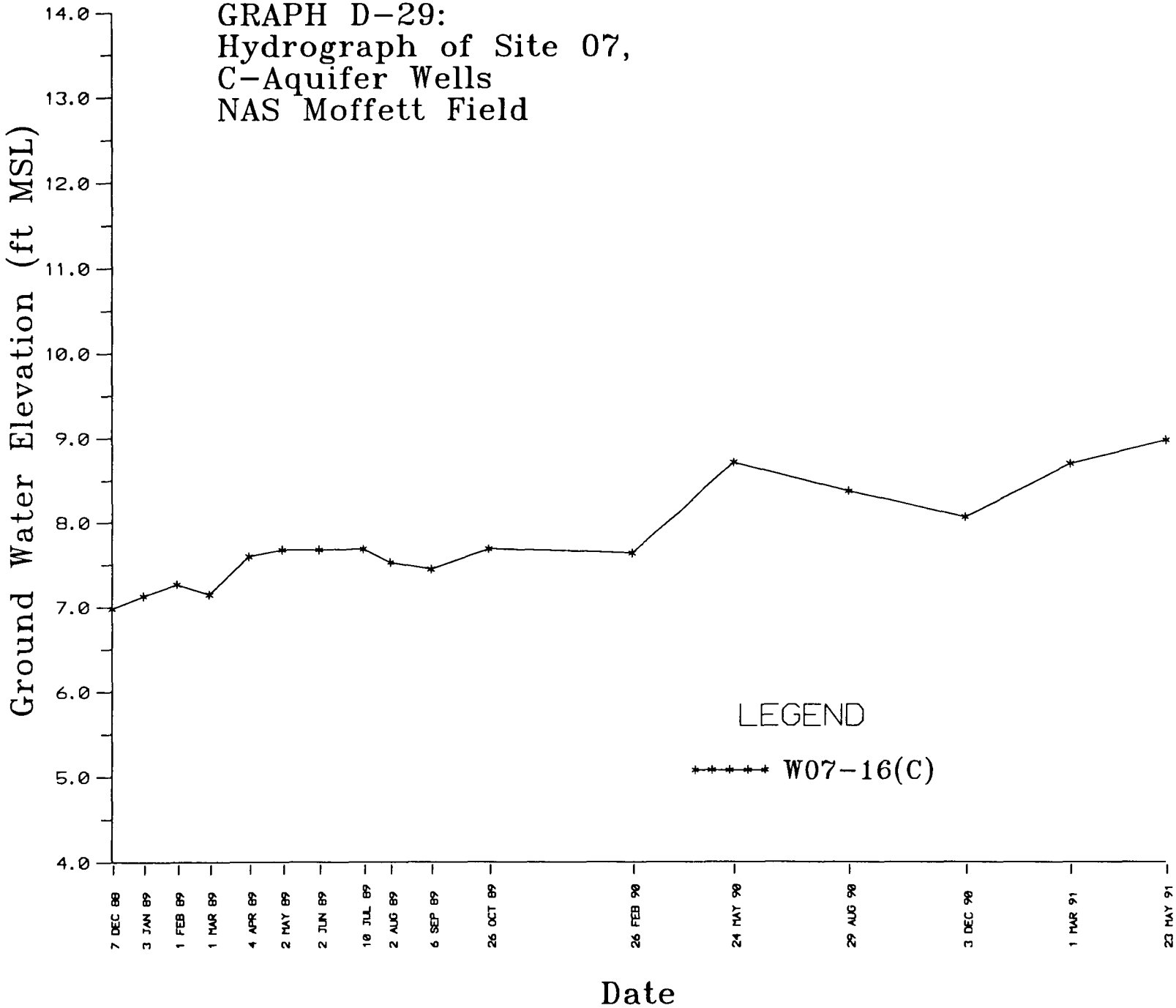

GRAPH D-24:
Hydrograph of Site 05,
Free Product Wells (Continued)
NAS Moffett Field
Ground Water Elevation (ft MSL)
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
LEGEND
FP05-01(A1)
FP05-05(A1)
FP05-07(A1)
FP05-08(A1)
FP05-09(A1)
3 NOV 88
5 DEC 88
4 JAN 89
1 FEB 89
2 MAR 89
3 APR 89
2 MAY 89
2 JUN 89
6 JUL 89
2 AUG 89
6 SEP 89
26 OCT 89
22 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

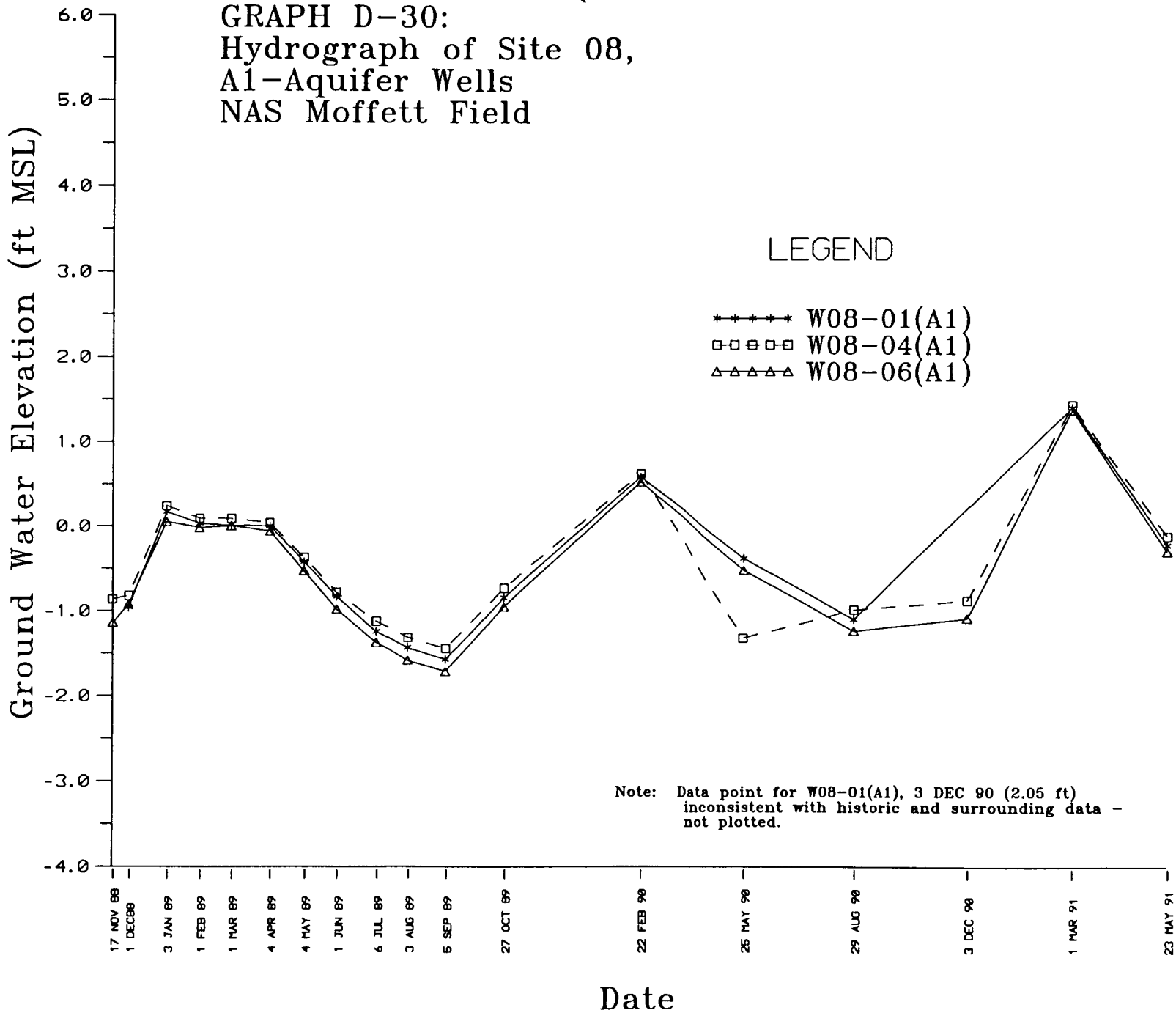

GRAPH D-25:
Hydrograph of Site 06,
A-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
LEGEND
W06-02(A2)
W06-03(A1)
W06-08(A2)
W06-09(A1)
W06-10(A1)
Note: Data point for W6-02, 6 SEP 89 (-3.42), inconsistent with historic data - not plotted.
26 OCT 88
18 NOV 88
5 DEC 88
3 JAN 89
1 FEB 89
1 MAR 89
4 APR 89
1 MAY 89
1 JUN 89
6 JUL 89
1 AUG 89
6 SEP 89
26 OCT 89
26 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

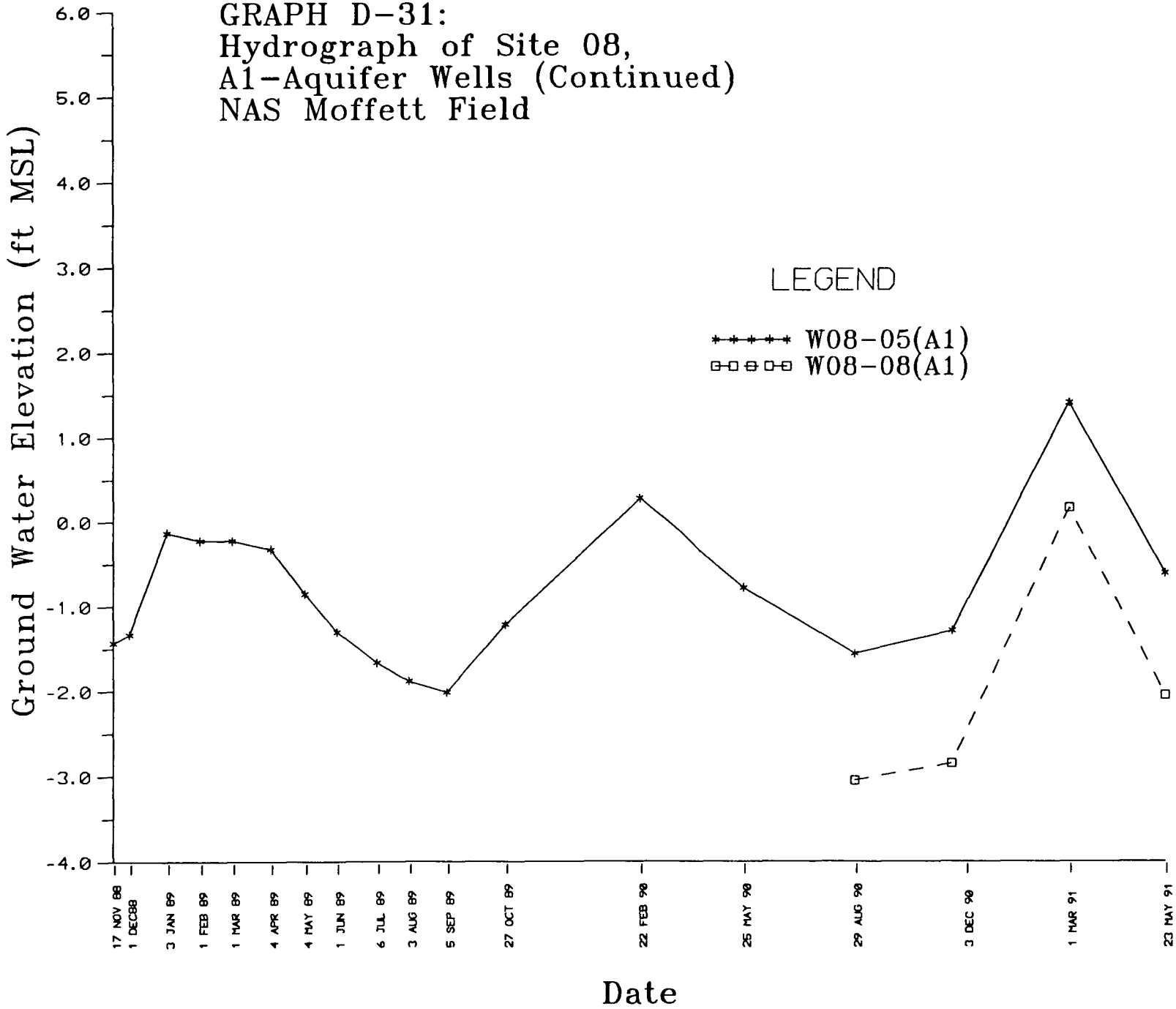

GRAPH D-26:
Hydrograph of Site 07,
A1-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
LEGEND
W07-01(A1)
W07-13(A1)
W07-18(A1)
25 OCT 88
7 DEC 88
3 JAN 89
1 FEB 89
1 MAR 89
4 APR 89
2 MAY 89
2 JUN 89
10 JUL 89
2 AUG 89
6 SEP 89
26 OCT 89
26 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

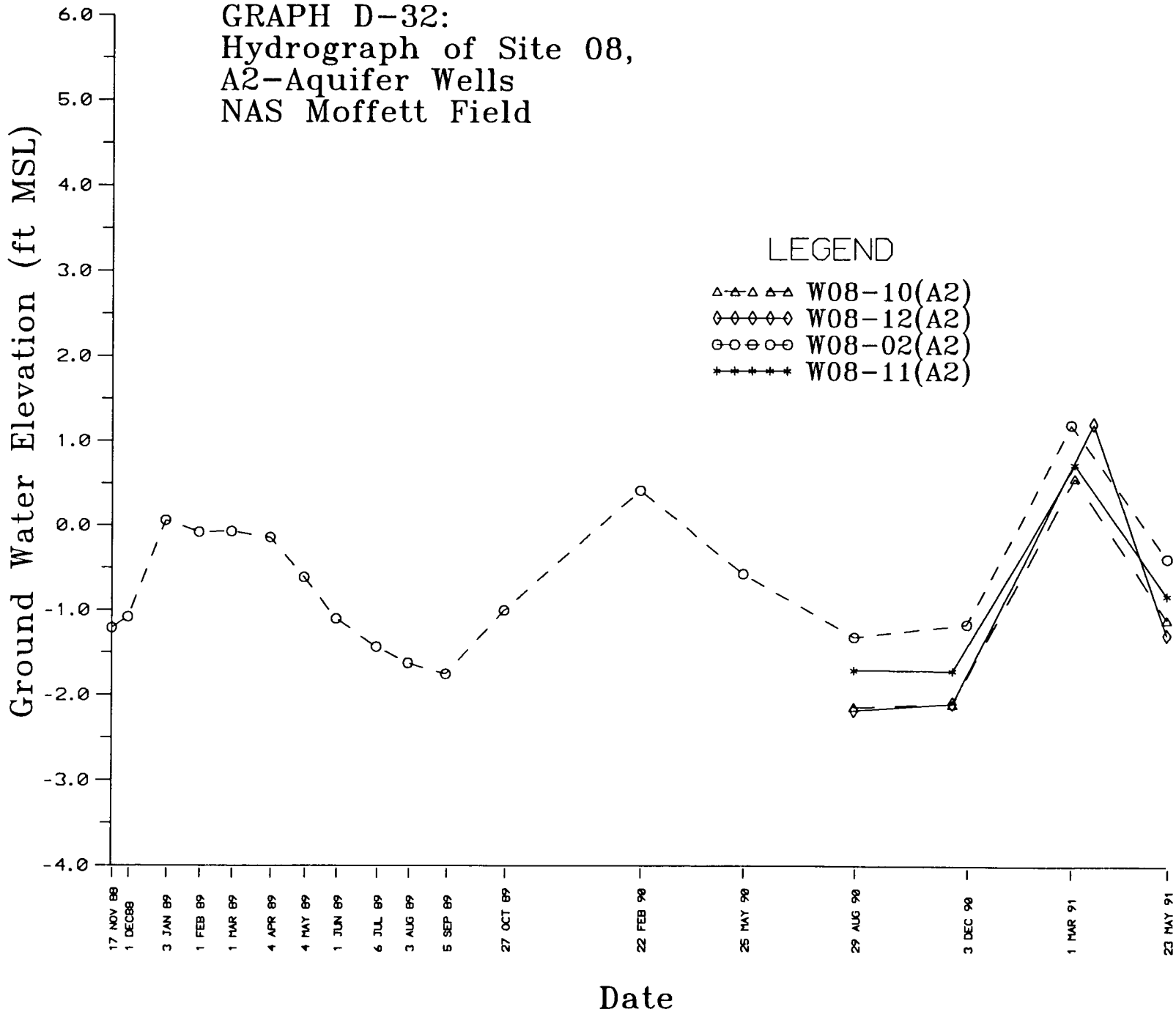

GRAPH D-27:
Hydrograph of Site 07,
A1-Aquifer Wells (Continued)
NAS Moffett Field
Note: Data point for W7-20, 24 MAY 90 (0.00), inconsistent with historic data - not plotted.
LEGEND
W07-08(A1)
W07-20(A1)
W07-19(A1)
W07-21(A1)
W07-12(AX)
Ground Water Elevation (ft MSL)
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
25 OCT 88
7 DEC 88
3 JAN 89
1 FEB 89
1 MAR 89
4 APR 89
2 MAY 89
2 JUN 89
10 JUL 89
2 AUG 89
6 SEP 89
26 OCT 89
26 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

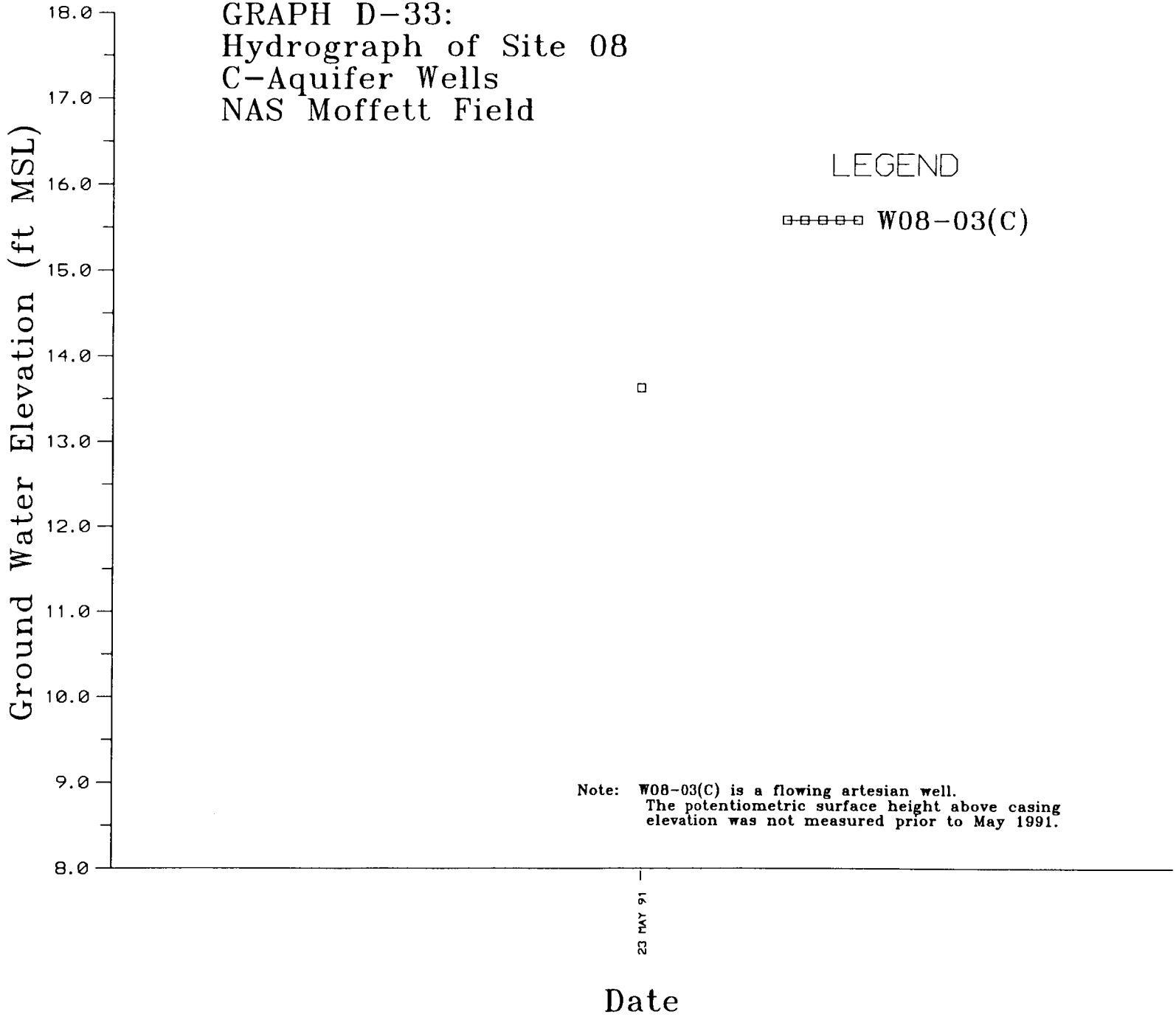

GRAPH D-28
Hydrograph of Site 07,
A2-Aquifer Wells
NAS Moffett Field
LEGEND
W07-04(A2)
W07-15(A2)
W07-17(A2)
Ground Water Elevation (ft MSL)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
26 OCT 88
7 DEC 88
3 JAN 89
1 FEB 89
1 MAR 89
4 APR 89
2 MAY 89
2 JUN 89
10 JUL 89
2 AUG 89
6 SEP 89
26 OCT 89
26 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

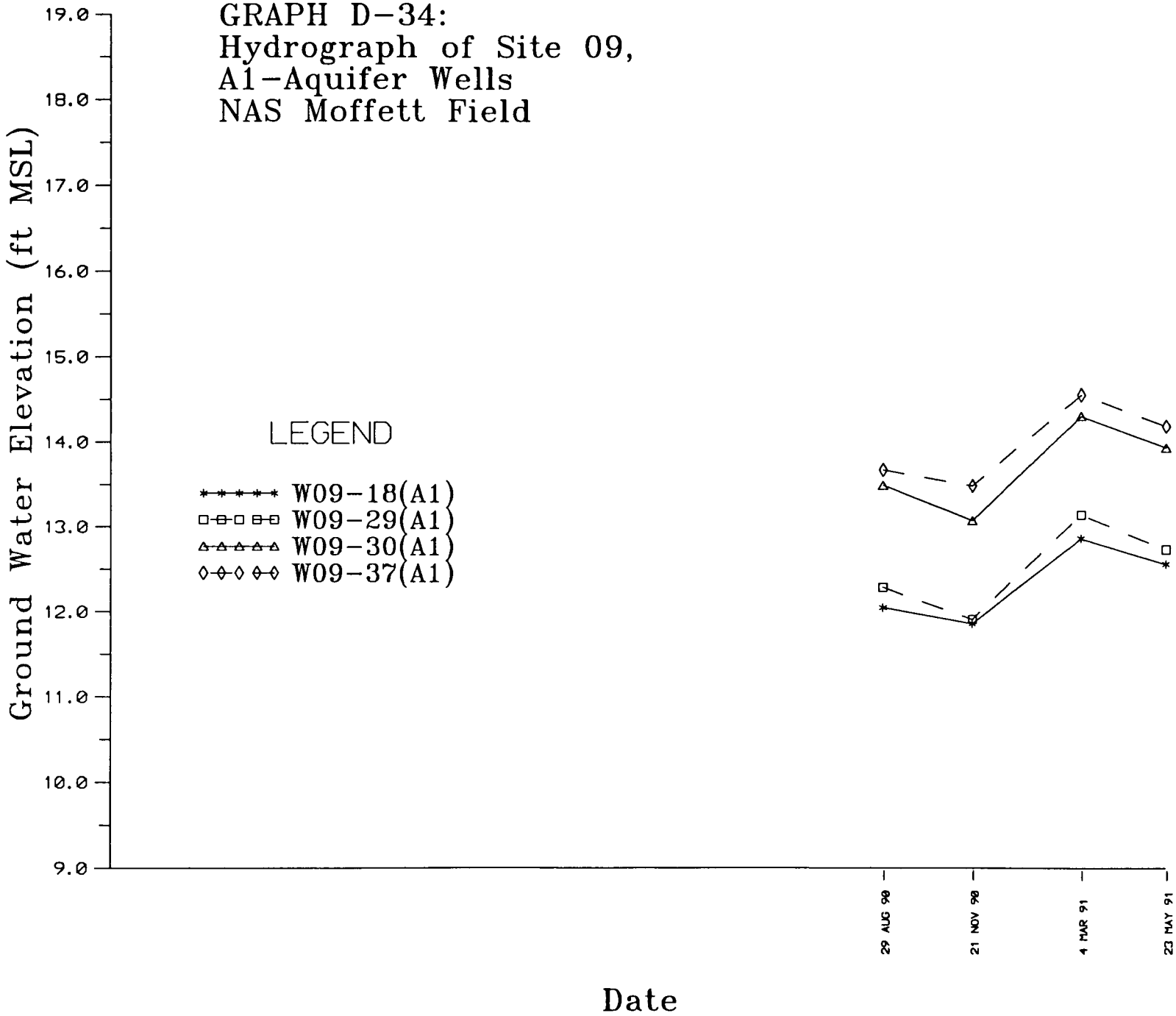

GRAPH D-29:
Hydrograph of Site 07,
C-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
LEGEND
W07-16(C)
7 DEC 88
3 JAN 89
1 FEB 89
1 MAR 89
4 APR 89
2 MAY 89
2 JUN 89
10 JUL 89
2 AUG 89
6 SEP 89
26 OCT 89
26 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

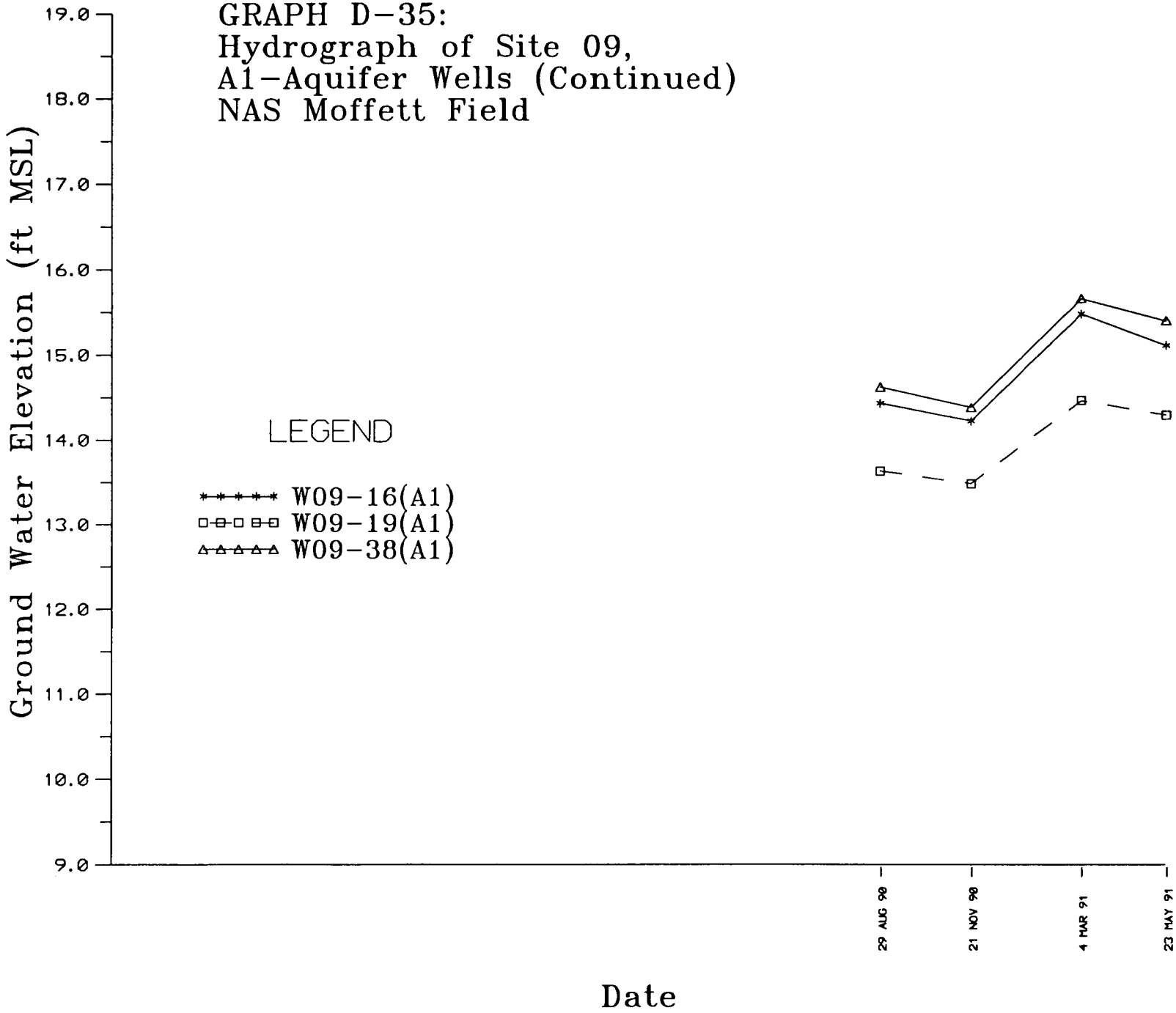

GRAPH D-30:
Hydrograph of Site 08,
A1-Aquifer Wells
NAS Moffett Field
LEGEND
W08-01(A1)
W08-04(A1)
W08-06(A1)
Ground Water Elevation (ft MSL)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
17 NOV 88
1 DEC88
3 JAN 89
1 FEB 89
1 MAR 89
4 APR 89
4 MAY 89
1 JUN 89
6 JUL 89
3 AUG 89
5 SEP 89
27 OCT 89
22 FEB 90
25 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date
Note: Data point for W08-01(A1), 3 DEC 90 (2.05 ft) inconsistent with historic and surrounding data - not plotted.

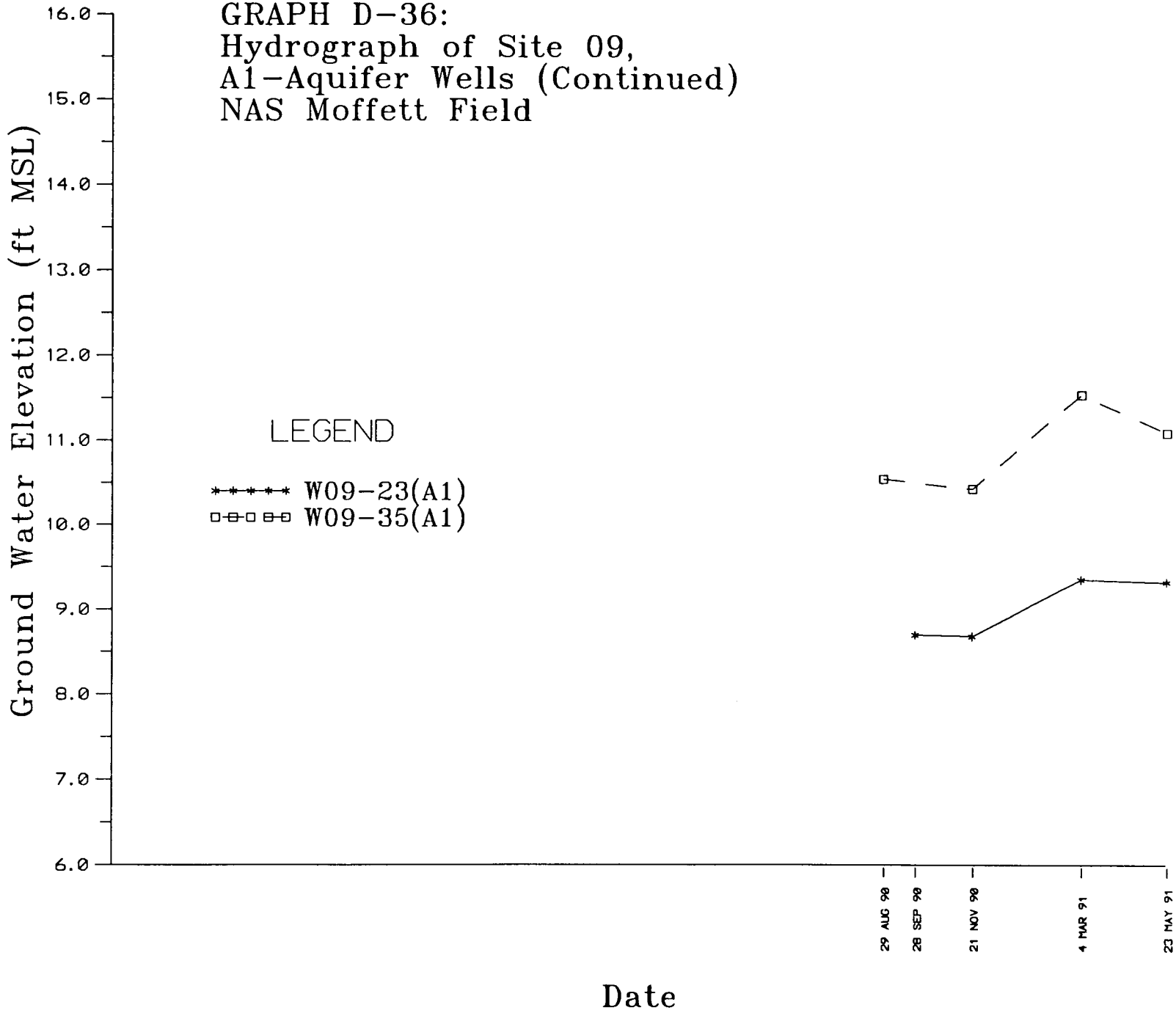

GRAPH D-31:
Hydrograph of Site 08,
A1-Aquifer Wells (Continued)
NAS Moffett Field
LEGEND
W08-05(A1)
W08-08(A1)
Ground Water Elevation (ft MSL)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
17 NOV 88
1 DEC88
3 JAN 89
1 FEB 89
1 MAR 89
4 APR 89
4 MAY 89
1 JUN 89
6 JUL 89
3 AUG 89
5 SEP 89
27 OCT 89
22 FEB 90
25 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

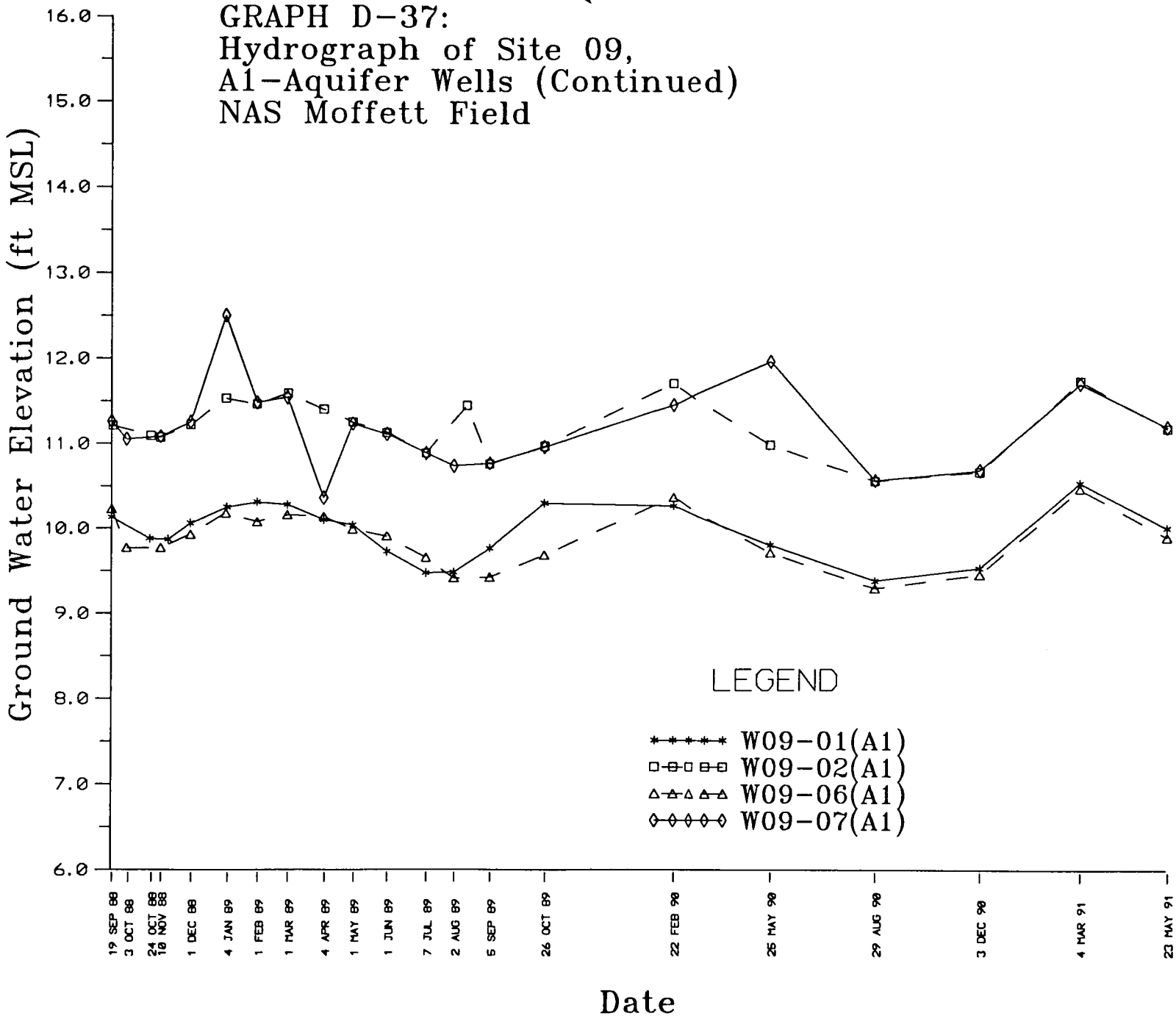

GRAPH D-32:
Hydrograph of Site 08,
A2-Aquifer Wells
NAS Moffett Field
LEGEND
W08-10(A2)
W08-12(A2)
W08-02(A2)
W08-11(A2)
Ground Water Elevation (ft MSL)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
17 NOV 88
1 DEC88
3 JAN 89
1 FEB 89
1 MAR 89
4 APR 89
4 MAY 89
1 JUN 89
6 JUL 89
3 AUG 89
5 SEP 89
27 OCT 89
22 FEB 90
25 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

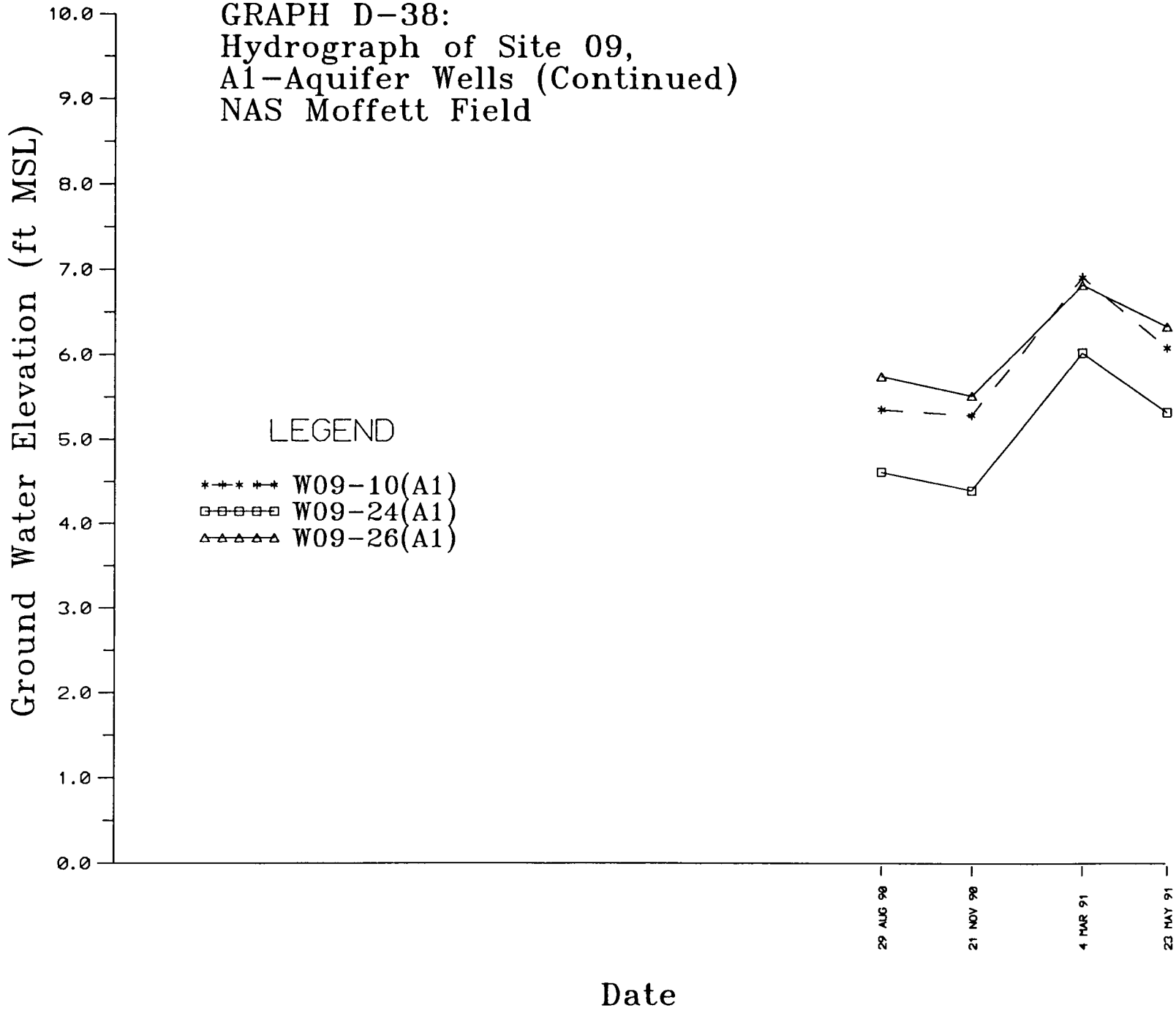

GRAPH D-33:
Hydrograph of Site 08
C-Aquifer Wells
NAS Moffett Field
LEGEND
W08-03(C)
Ground Water Elevation (ft MSL)
18.0
17.0
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
23 MAY 91
Date
Note: W08-03(C) is a flowing artesian well.
The potentiometric surface height above casing
elevation was not measured prior to May 1991.

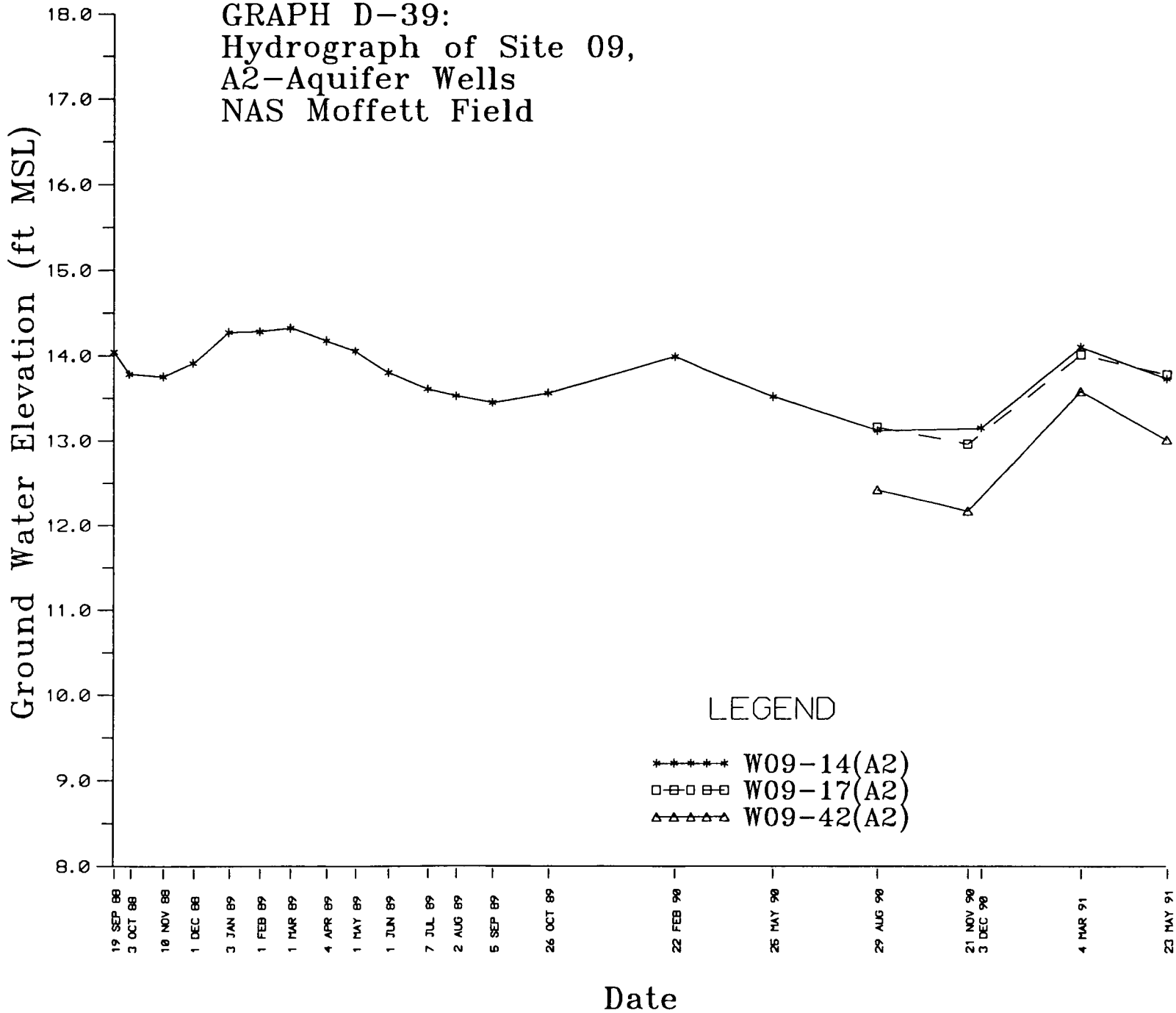

GRAPH D-34:
Hydrograph of Site 09,
A1-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
19.0
18.0
17.0
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
LEGEND
W09-18(A1)
W09-29(A1)
W09-30(A1)
W09-37(A1)
29 AUG 90
21 NOV 90
4 MAR 91
23 MAY 91
Date

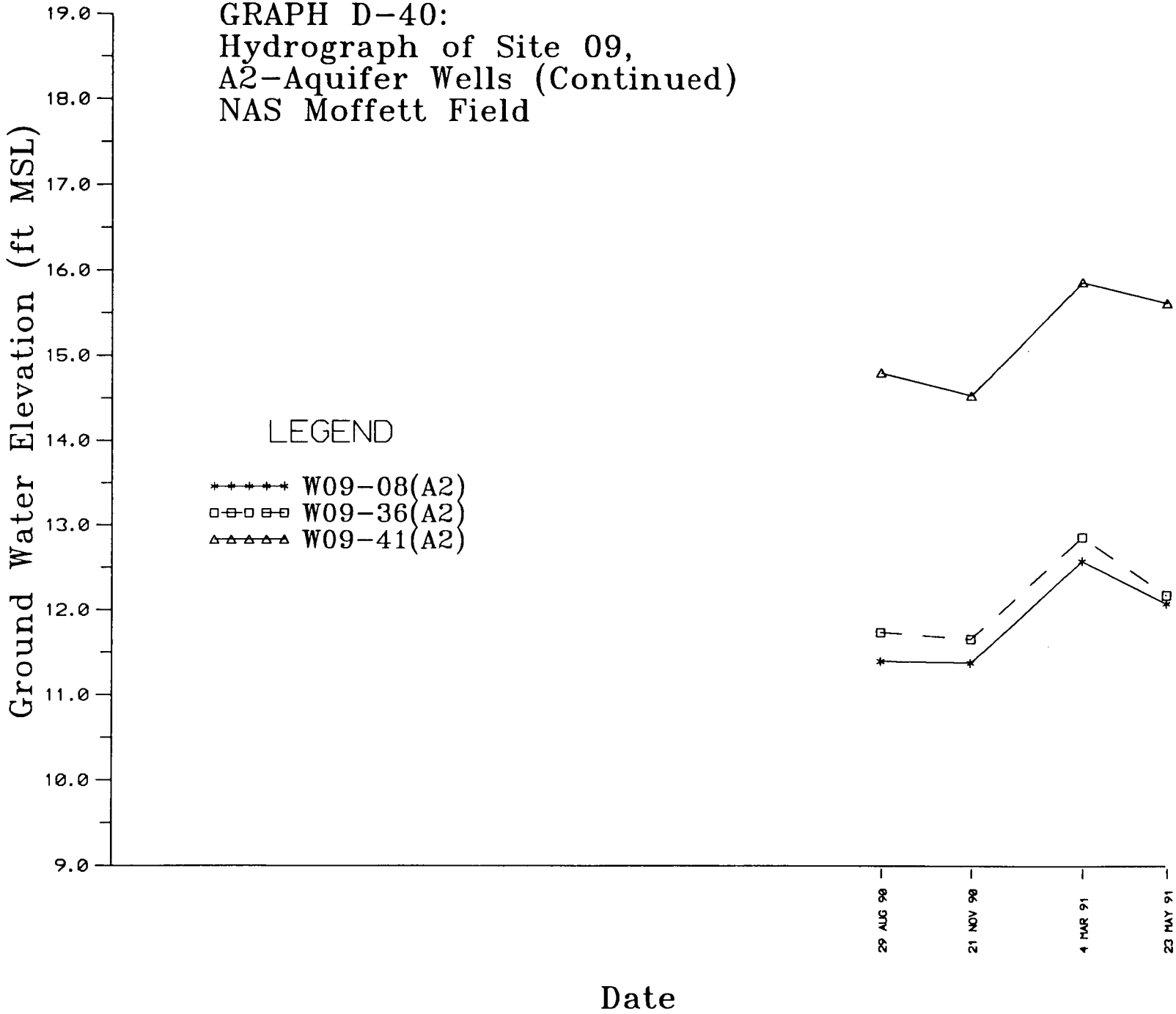

GRAPH D-35:
Hydrograph of Site 09,
A1-Aquifer Wells (Continued)
NAS Moffett Field
Ground Water Elevation (ft MSL)
19.0
18.0
17.0
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
LEGEND
W09-16(A1)
W09-19(A1)
W09-38(A1)
29 AUG 90
21 NOV 90
4 MAR 91
23 MAY 91
Date

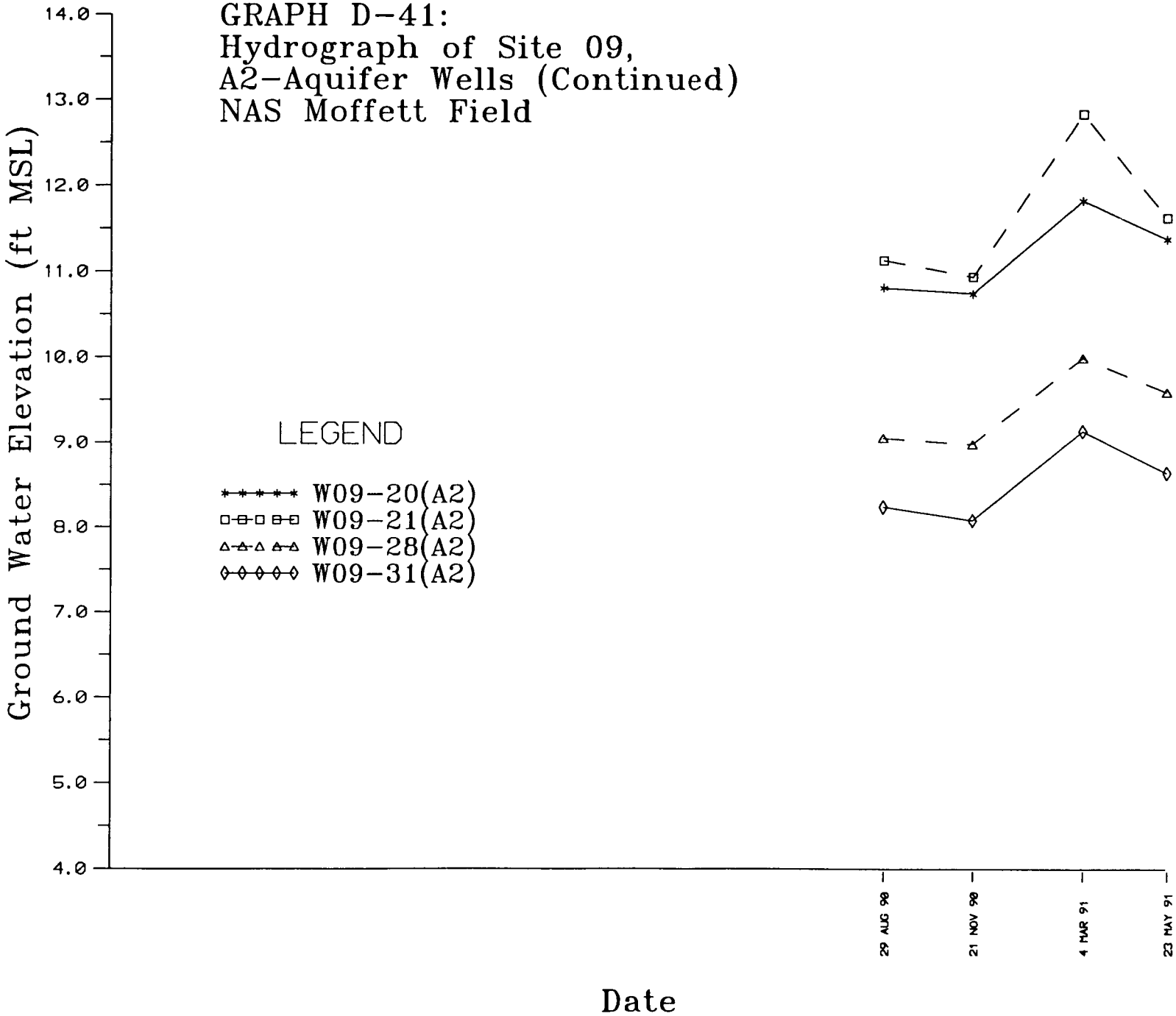

GRAPH D-36:
Hydrograph of Site 09,
A1-Aquifer Wells (Continued)
NAS Moffett Field
Ground Water Elevation (ft MSL)
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
LEGEND
W09-23(A1)
W09-35(A1)
29 AUG 90
28 SEP 90
21 NOV 90
4 MAR 91
23 MAY 91
Date

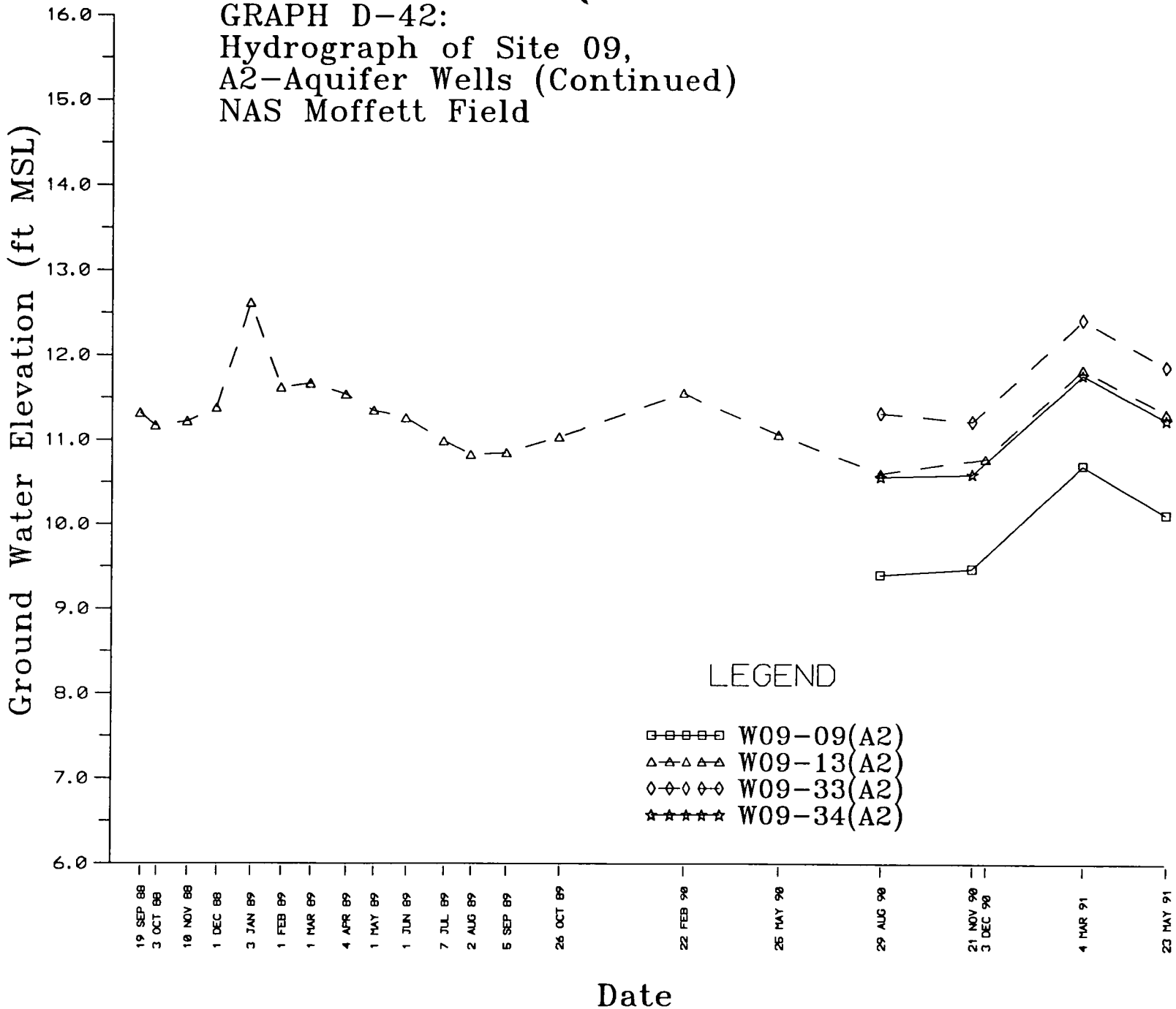

GRAPH D-37:
Hydrograph of Site 09,
A1-Aquifer Wells (Continued)
NAS Moffett Field
Ground Water Elevation (ft MSL)
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
19 SEP 88
3 OCT 88
24 OCT 88
10 NOV 88
1 DEC 88
4 JAN 89
1 FEB 89
1 MAR 89
4 APR 89
1 MAY 89
1 JUN 89
7 JUL 89
2 AUG 89
5 SEP 89
26 OCT 89
22 FEB 90
26 MAY 90
29 AUG 90
3 DEC 90
4 MAR 91
23 MAY 91
Date
LEGEND
W09-01(A1)
W09-02(A1)
W09-06(A1)
W09-07(A1)

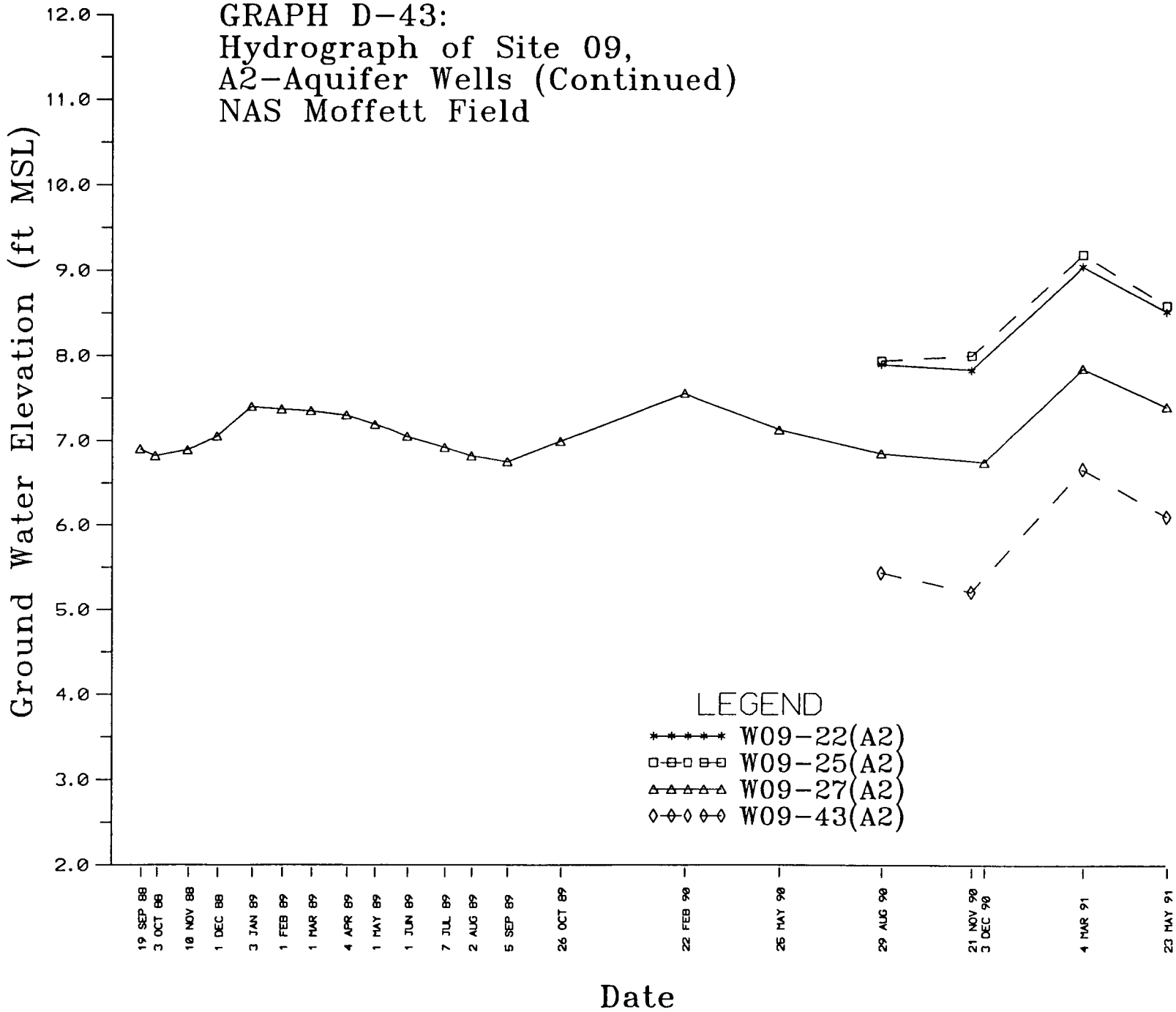

GRAPH D-38:
Hydrograph of Site 09,
A1-Aquifer Wells (Continued)
NAS Moffett Field
Ground Water Elevation (ft MSL)
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
LEGEND
W09-10(A1)
W09-24(A1)
W09-26(A1)
29 AUG 90
21 NOV 90
4 MAR 91
23 MAY 91
Date

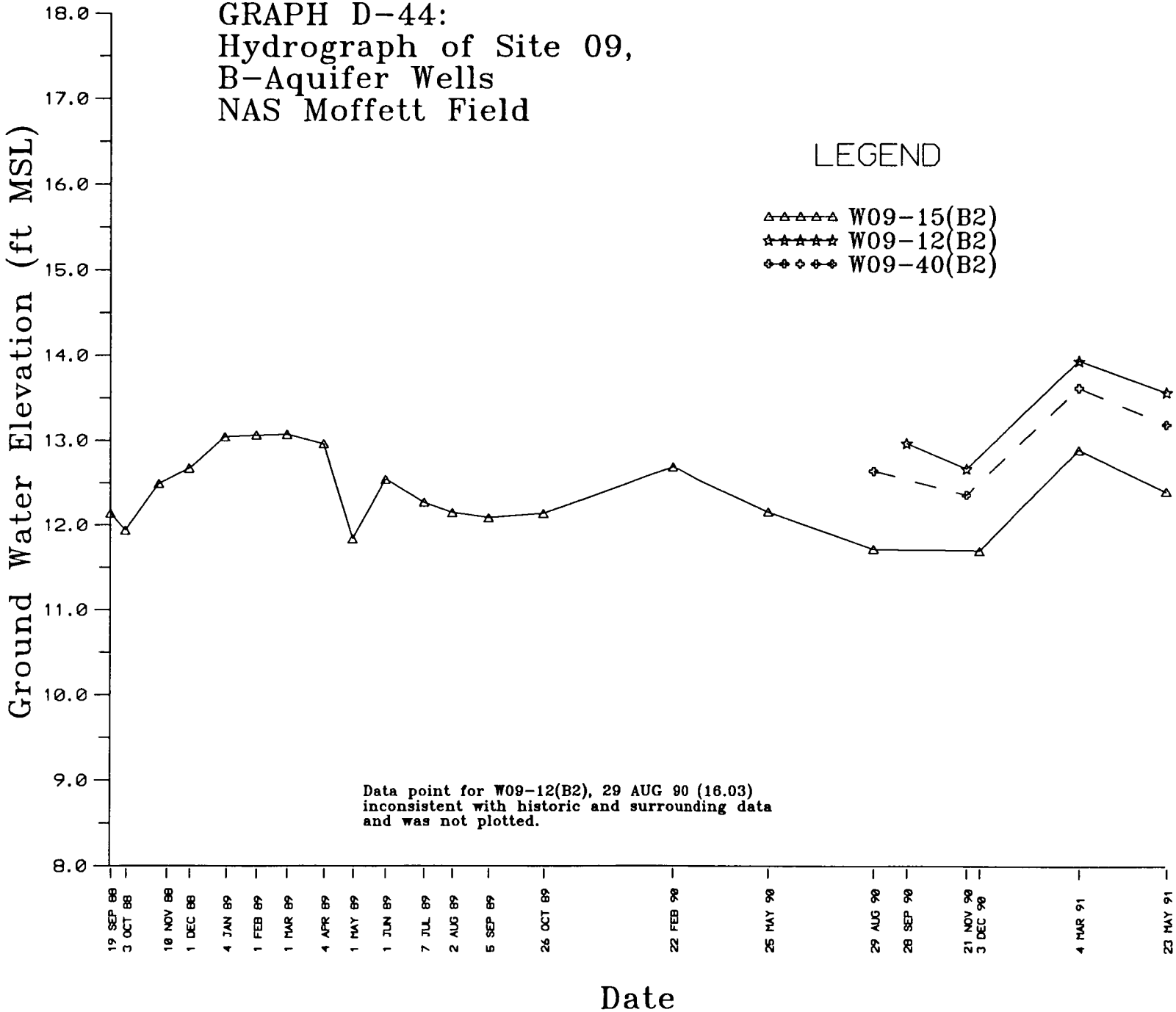

GRAPH D-39:
Hydrograph of Site 09,
A2-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
18.0
17.0
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
19 SEP 88
3 OCT 88
10 NOV 88
1 DEC 88
3 JAN 89
1 FEB 89
1 MAR 89
4 APR 89
1 MAY 89
1 JUN 89
7 JUL 89
2 AUG 89
5 SEP 89
26 OCT 89
22 FEB 90
25 MAY 90
29 AUG 90
21 NOV 90
3 DEC 90
4 MAR 91
23 MAY 91
Date
LEGEND
W09-14(A2)
W09-17(A2)
W09-42(A2)

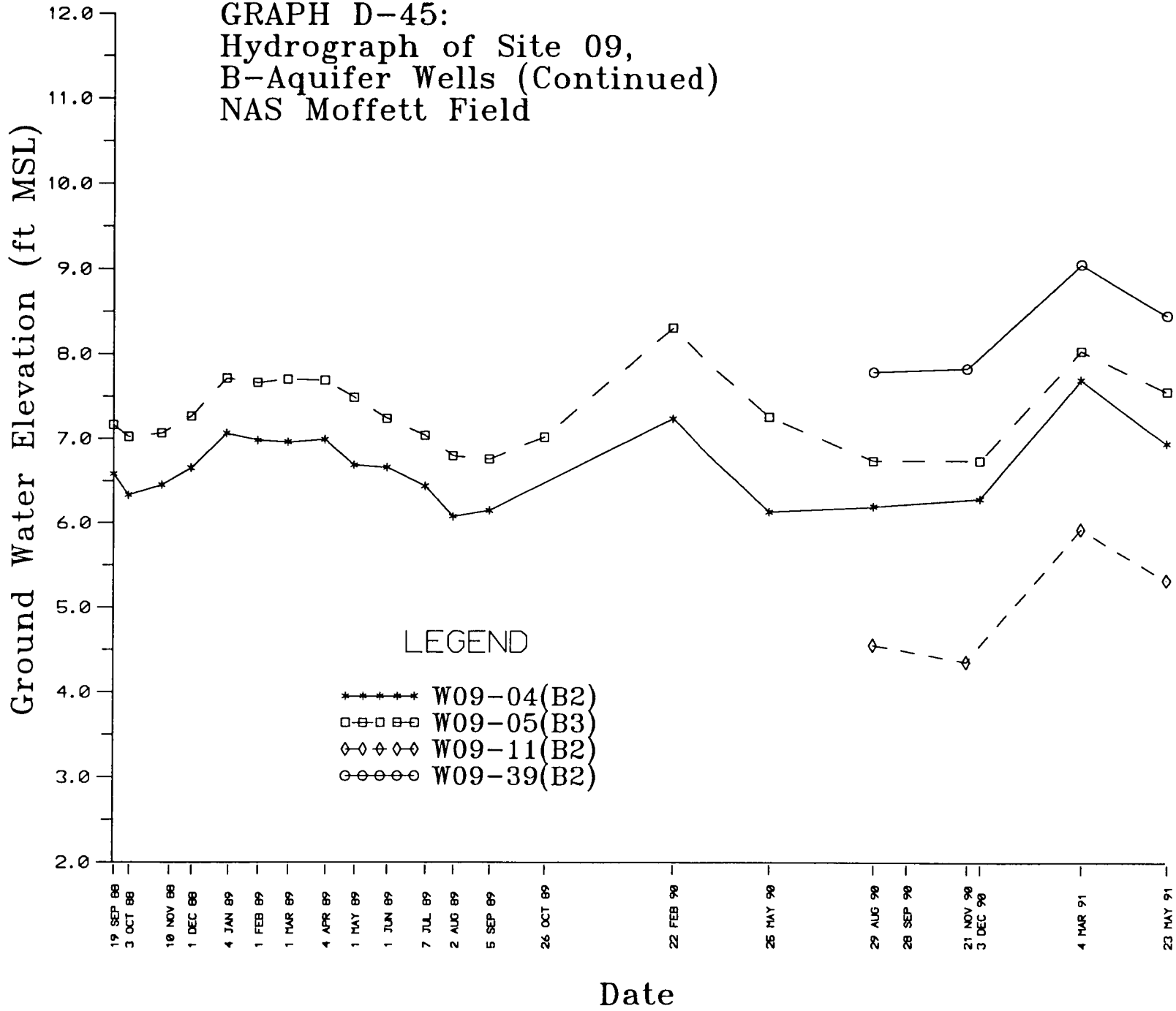

GRAPH D-40:
Hydrograph of Site 09,
A2-Aquifer Wells (Continued)
NAS Moffett Field
Ground Water Elevation (ft MSL)
19.0
18.0
17.0
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
LEGEND
W09-08(A2)
W09-36(A2)
W09-41(A2)
29 AUG 90
21 NOV 90
4 MAR 91
23 MAY 91
Date

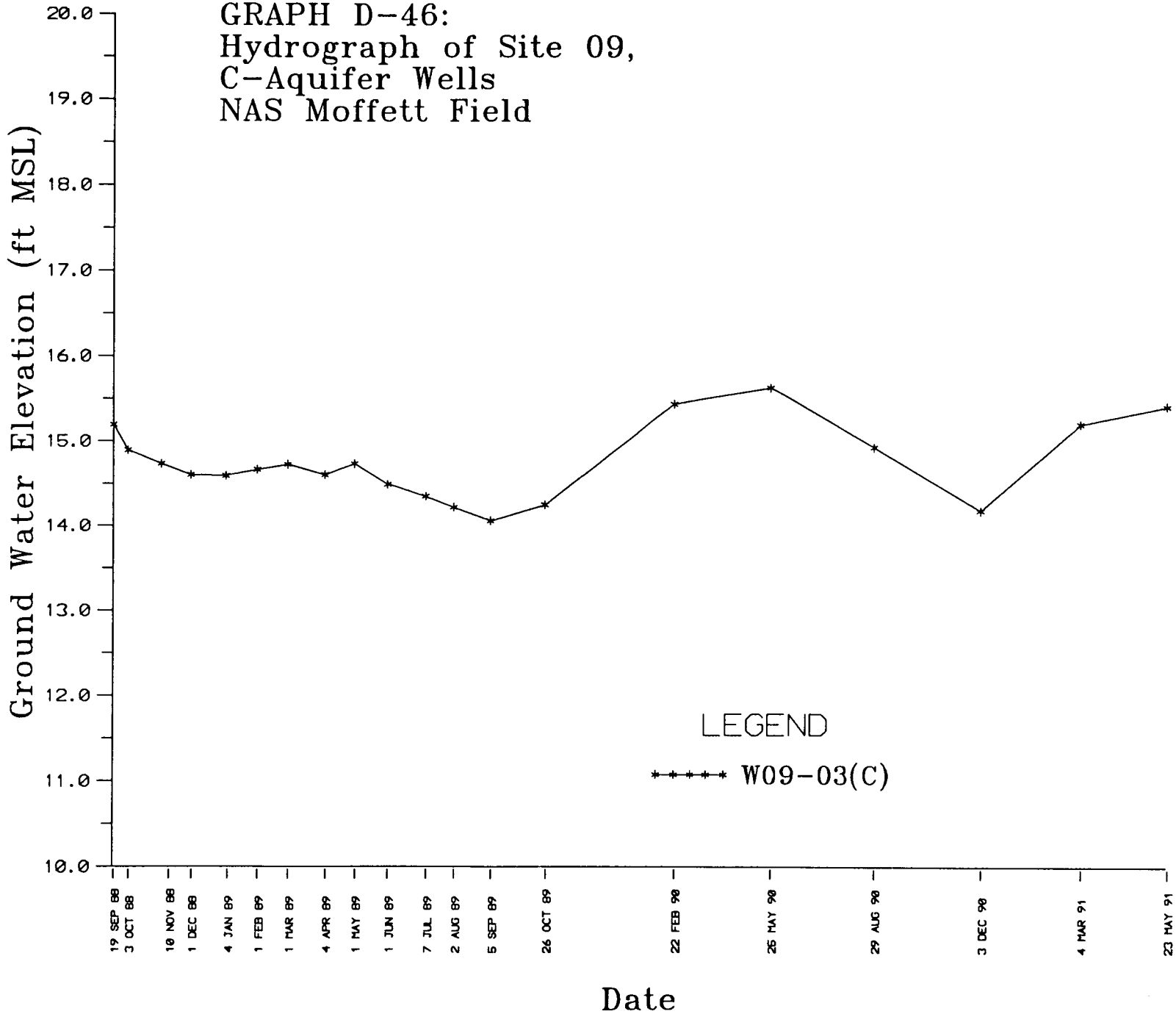

GRAPH D-41:
Hydrograph of Site 09,
A2-Aquifer Wells (Continued)
NAS Moffett Field
Ground Water Elevation (ft MSL)
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
LEGEND
W09-20(A2)
W09-21(A2)
W09-28(A2)
W09-31(A2)
29 AUG 90
21 NOV 90
4 MAR 91
23 MAY 91
Date

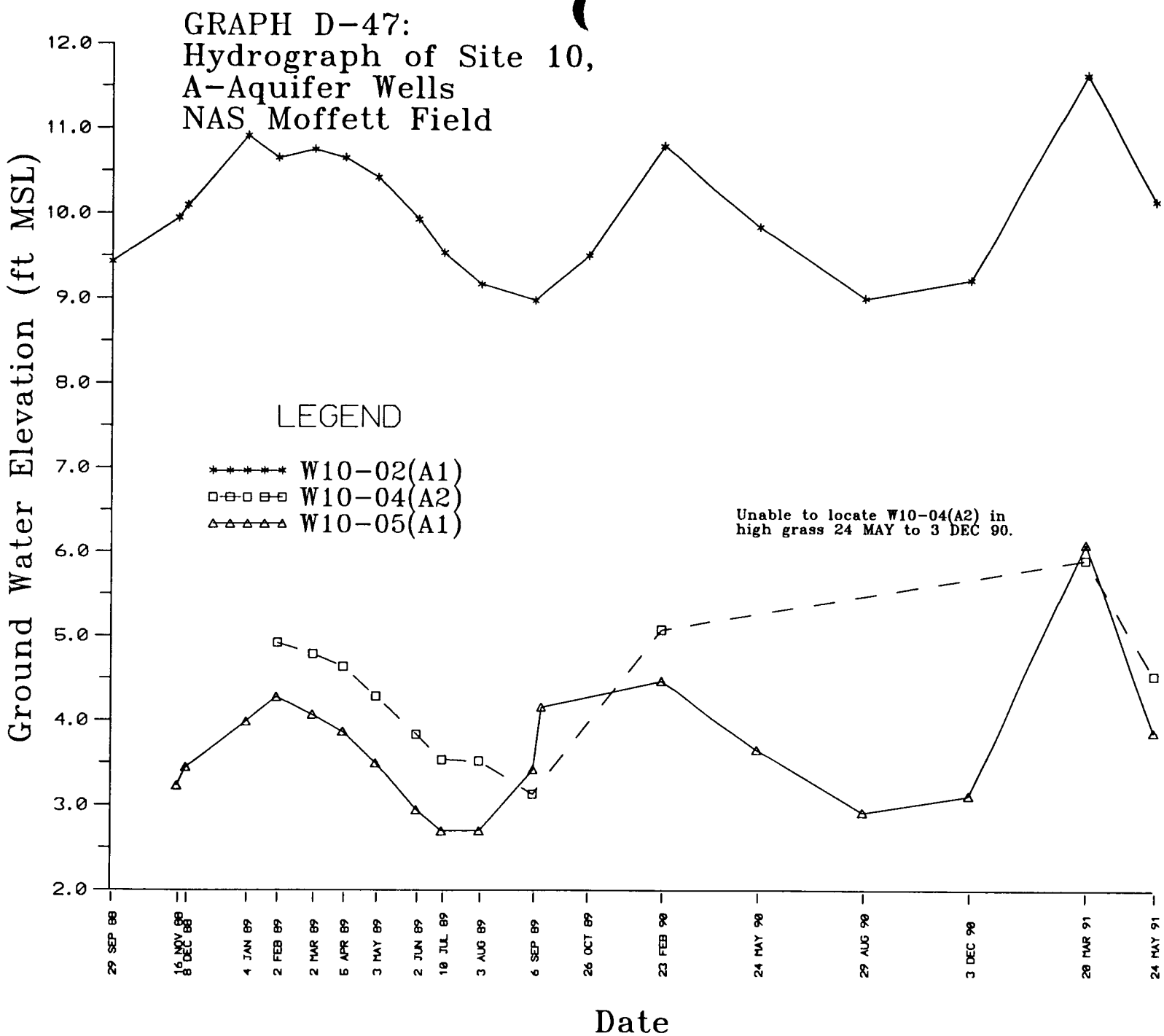

GRAPH D-42:
Hydrograph of Site 09,
A2-Aquifer Wells (Continued)
NAS Moffett Field
Ground Water Elevation (ft MSL)
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
LEGEND
W09-09(A2)
W09-13(A2)
W09-33(A2)
W09-34(A2)
19 SEP 88
3 OCT 88
10 NOV 88
1 DEC 88
3 JAN 89
1 FEB 89
1 MAR 89
4 APR 89
1 MAY 89
1 JUN 89
7 JUL 89
2 AUG 89
5 SEP 89
26 OCT 89
22 FEB 90
25 MAY 90
29 AUG 90
21 NOV 90
3 DEC 90
4 MAR 91
23 MAY 91
Date

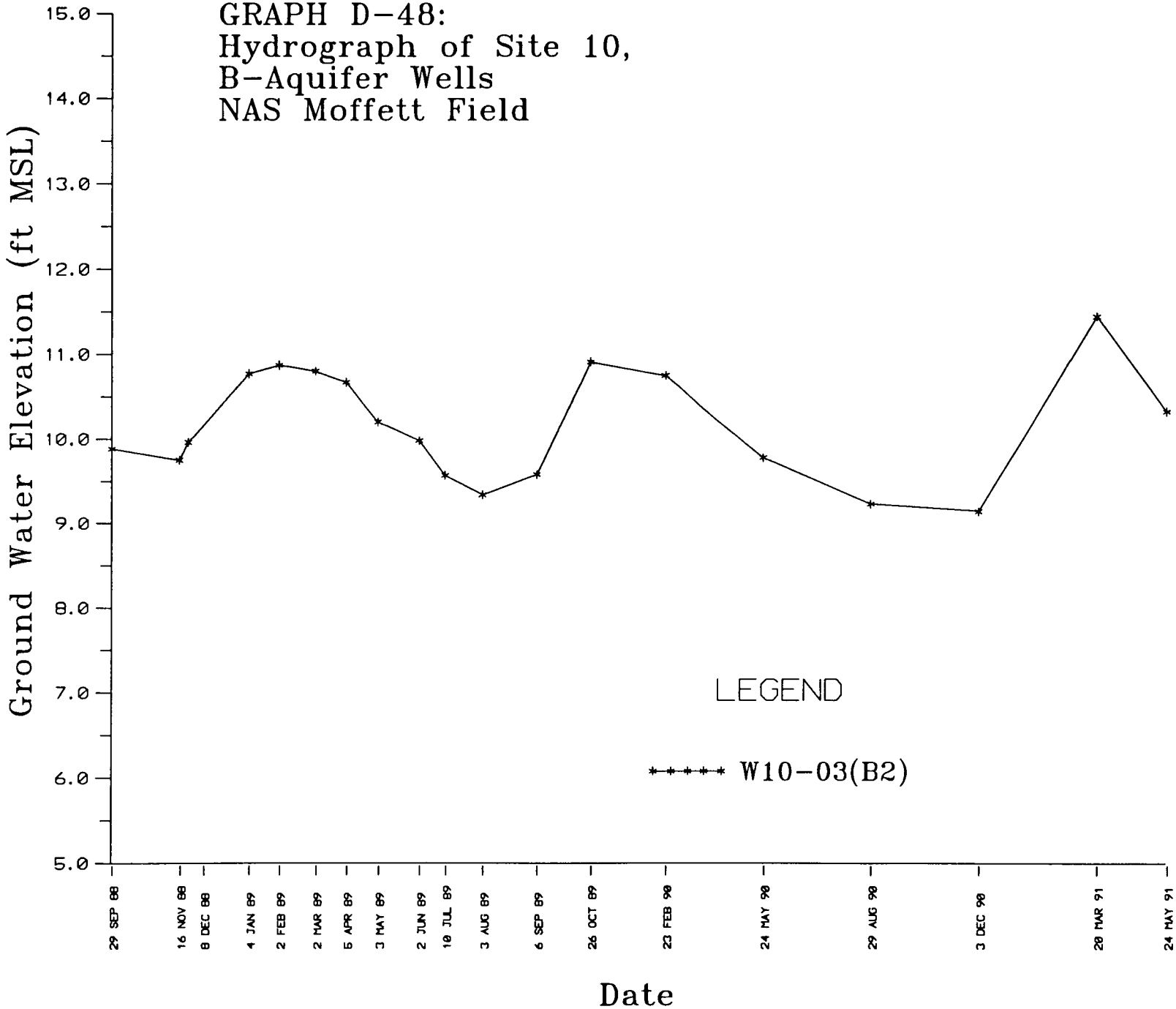

GRAPH D-43:
Hydrograph of Site 09,
A2-Aquifer Wells (Continued)
NAS Moffett Field
Ground Water Elevation (ft MSL)
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
19 SEP 88
3 OCT 88
10 NOV 88
1 DEC 88
3 JAN 89
1 FEB 89
1 MAR 89
4 APR 89
1 MAY 89
1 JUN 89
7 JUL 89
2 AUG 89
5 SEP 89
26 OCT 89
22 FEB 90
25 MAY 90
29 AUG 90
21 NOV 90
3 DEC 90
4 MAR 91
23 MAY 91
Date
LEGEND
W09-22(A2)
W09-25(A2)
W09-27(A2)
W09-43(A2)

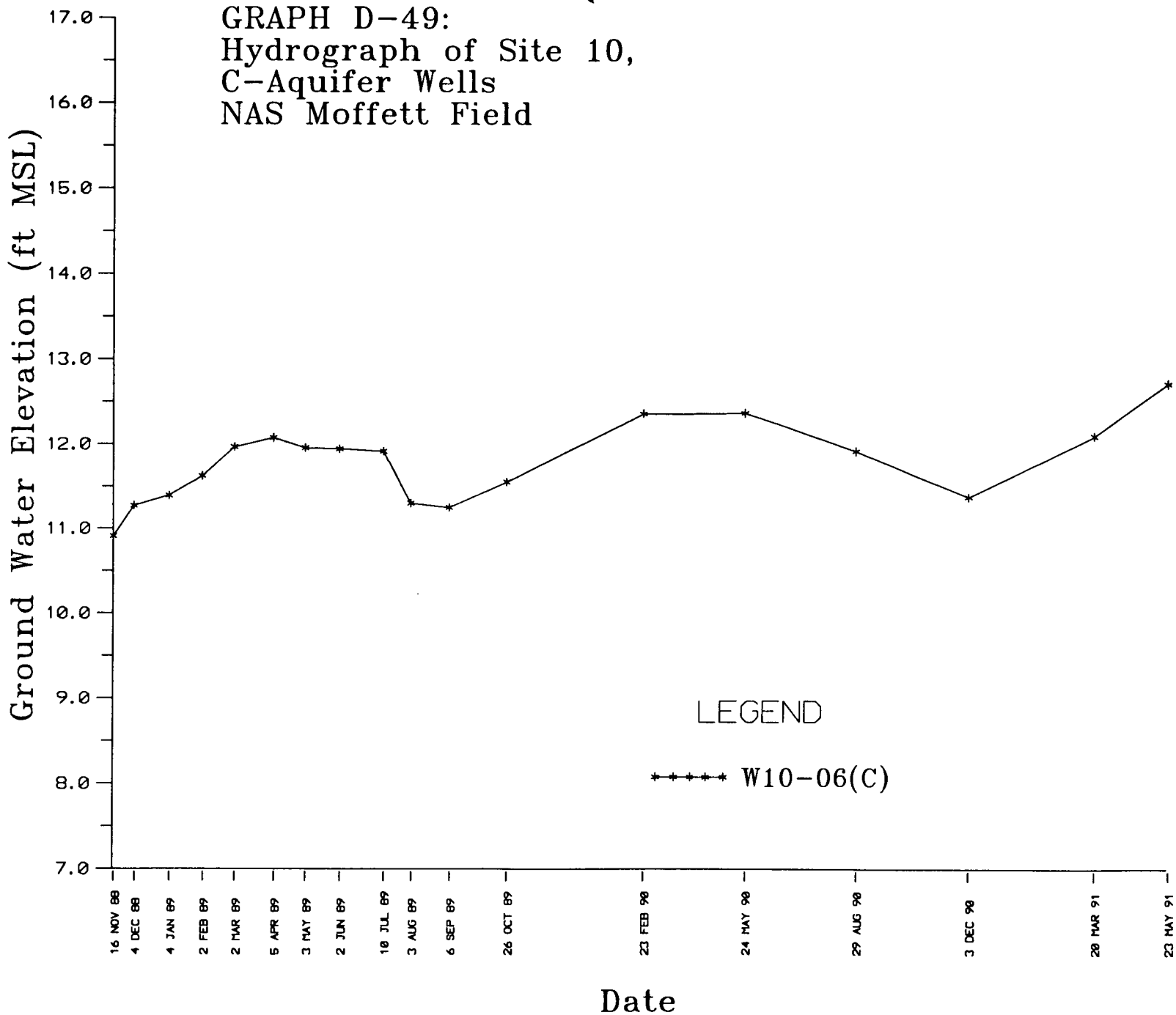

GRAPH D-44:
Hydrograph of Site 09,
B-Aquifer Wells
NAS Moffett Field
LEGEND
W09-15(B2)
W09-12(B2)
W09-40(B2)
Ground Water Elevation (ft MSL)
18.0
17.0
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
Data point for W09-12(B2), 29 AUG 90 (16.03) inconsistent with historic and surrounding data and was not plotted.
19 SEP 88
3 OCT 88
18 NOV 88
1 DEC 88
4 JAN 89
1 FEB 89
1 MAR 89
4 APR 89
1 MAY 89
1 JUN 89
7 JUL 89
2 AUG 89
5 SEP 89
26 OCT 89
22 FEB 90
25 MAY 90
29 AUG 90
28 SEP 90
21 NOV 90
3 DEC 90
4 MAR 91
23 MAY 91
Date

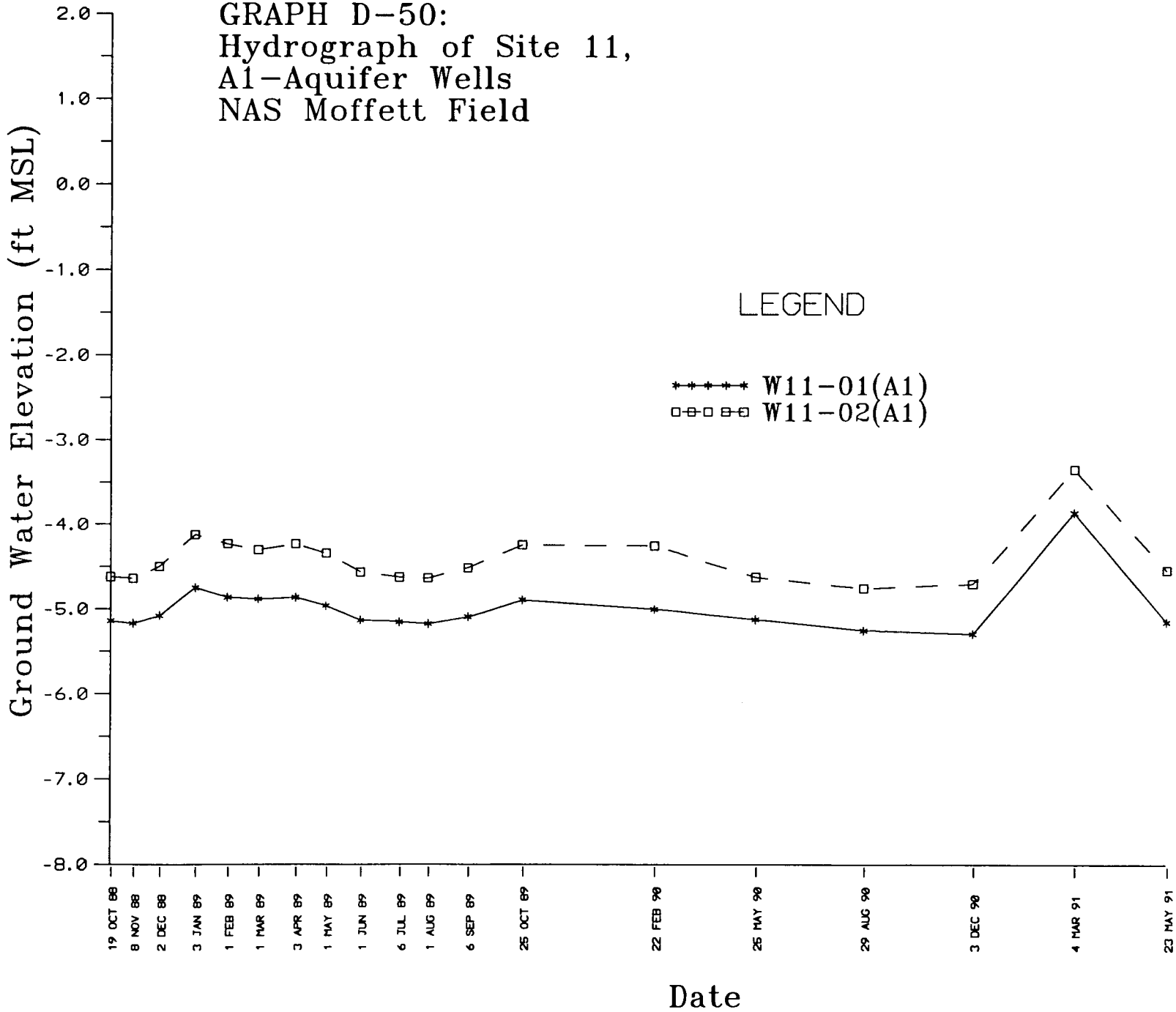

GRAPH D-45:
Hydrograph of Site 09,
B-Aquifer Wells (Continued)
NAS Moffett Field
Ground Water Elevation (ft MSL)
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
LEGEND
W09-04(B2)
W09-05(B3)
W09-11(B2)
W09-39(B2)
19 SEP 88
3 OCT 88
10 NOV 88
1 DEC 88
4 JAN 89
1 FEB 89
1 MAR 89
4 APR 89
1 MAY 89
1 JUN 89
7 JUL 89
2 AUG 89
5 SEP 89
26 OCT 89
22 FEB 90
25 MAY 90
29 AUG 90
28 SEP 90
21 NOV 90
3 DEC 90
4 MAR 91
23 MAY 91
Date

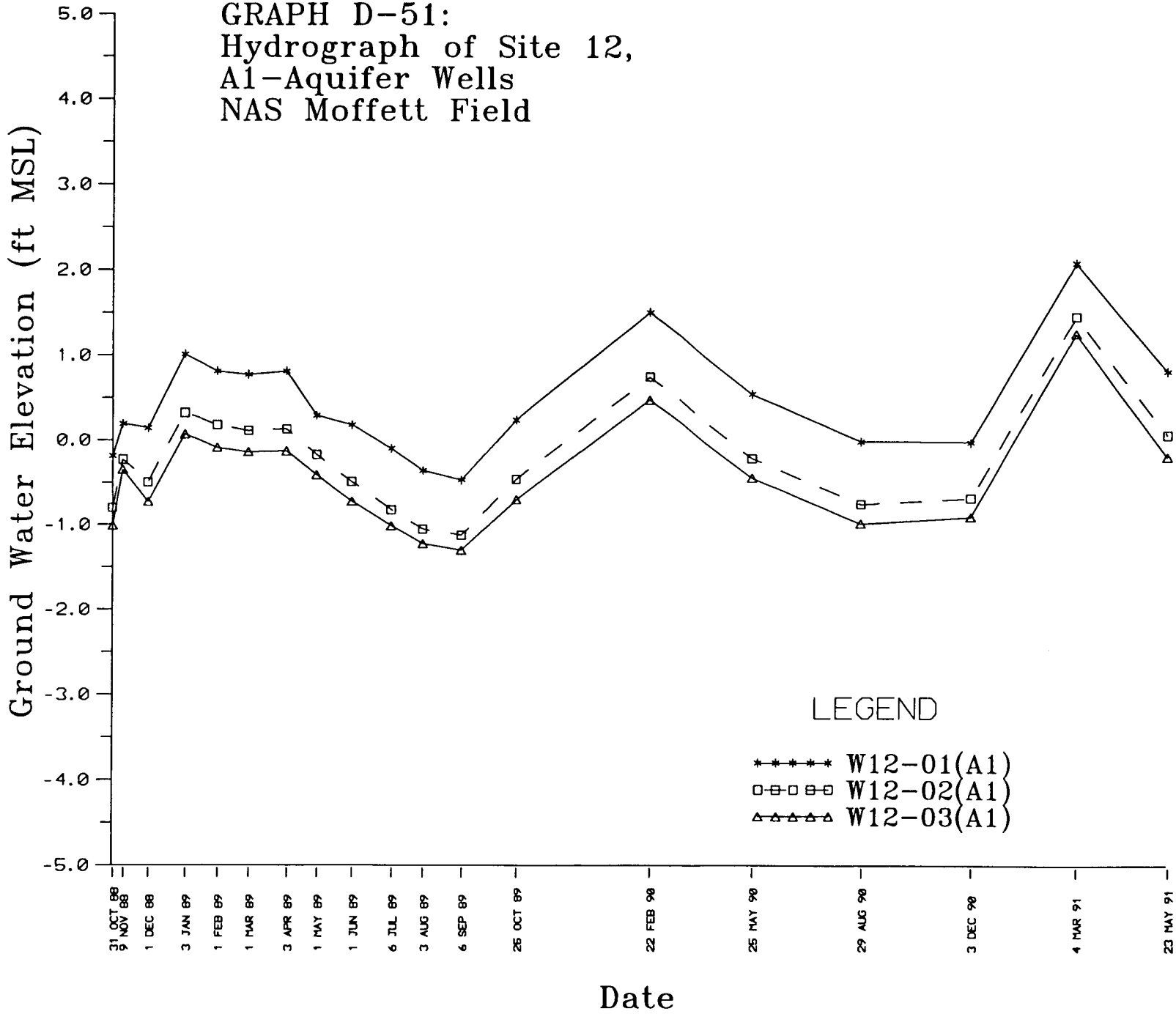

GRAPH D-46:
Hydrograph of Site 09,
C-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
20.0
19.0
18.0
17.0
16.0
15.0
14.0
13.0
12.0
11.0
10.0
LEGEND
W09-03(C)
19 SEP 88
3 OCT 88
10 NOV 88
1 DEC 88
4 JAN 89
1 FEB 89
1 MAR 89
4 APR 89
1 MAY 89
1 JUN 89
7 JUL 89
2 AUG 89
5 SEP 89
26 OCT 89
22 FEB 90
25 MAY 90
29 AUG 90
3 DEC 90
4 MAR 91
23 MAY 91
Date

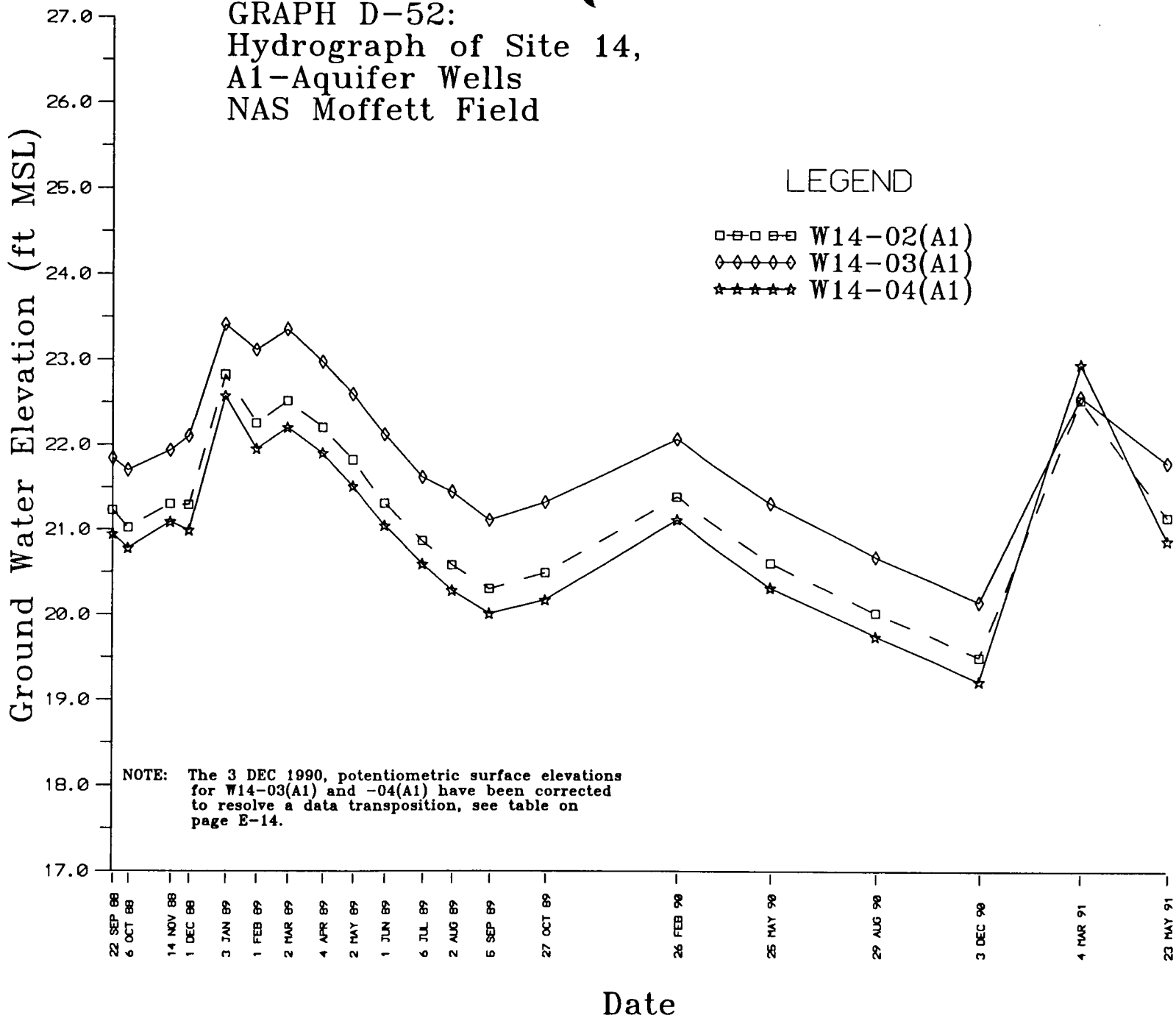

GRAPH D-47:
Hydrograph of Site 10,
A-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
4.0
3.0
2.0
LEGEND
W10-02(A1)
W10-04(A2)
W10-05(A1)
Unable to locate W10-04(A2) in high grass 24 MAY to 3 DEC 90.
29 SEP 88
16 NOV 88
8 DEC 88
4 JAN 89
2 FEB 89
2 MAR 89
5 APR 89
3 MAY 89
2 JUN 89
10 JUL 89
3 AUG 89
6 SEP 89
26 OCT 89
23 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
28 MAR 91
24 MAY 91
Date

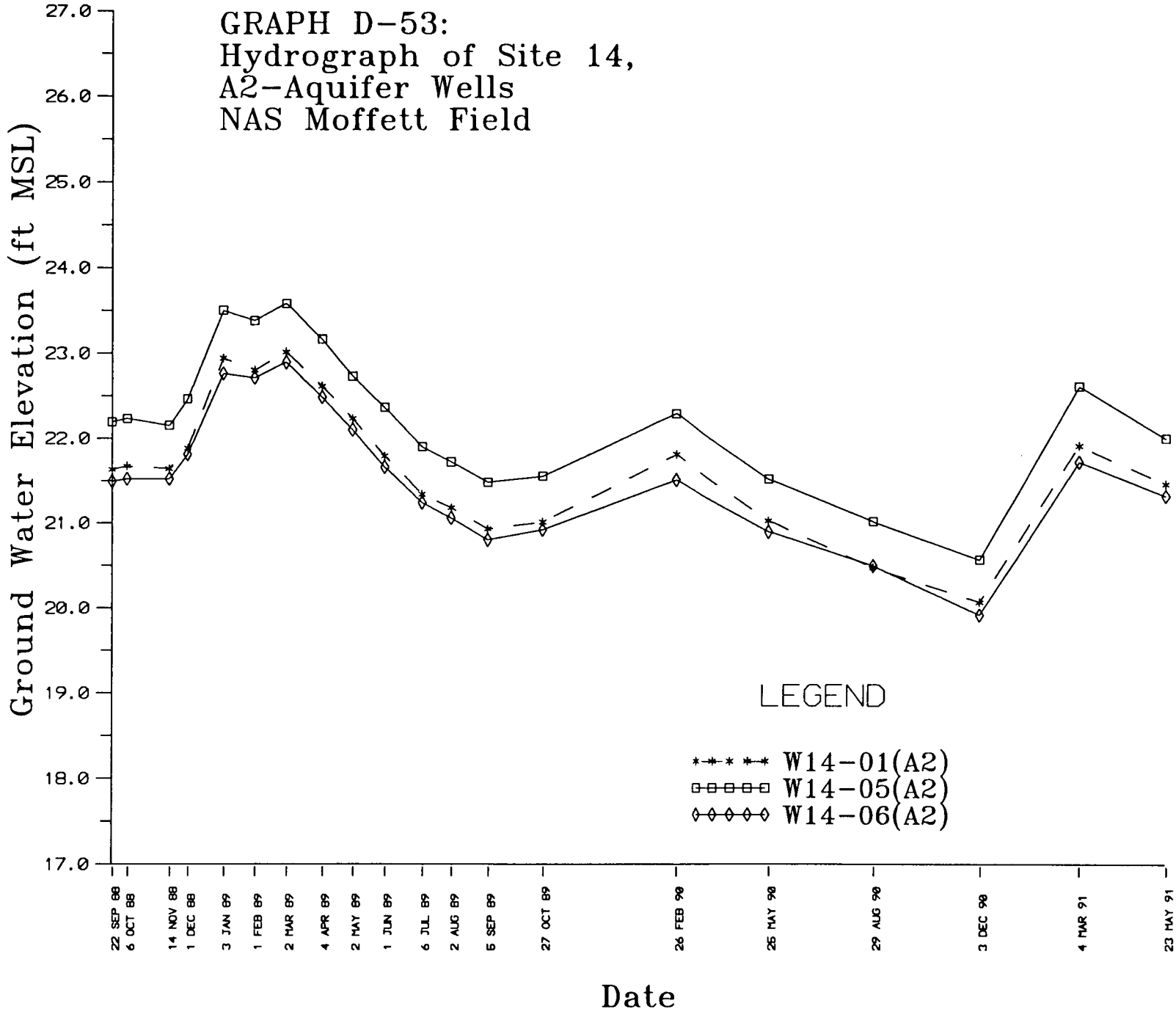

GRAPH D-48:
Hydrograph of Site 10,
B-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
6.0
5.0
LEGEND
W10-03(B2)
29 SEP 88
16 NOV 88
8 DEC 88
4 JAN 89
2 FEB 89
2 MAR 89
5 APR 89
3 MAY 89
2 JUN 89
10 JUL 89
3 AUG 89
6 SEP 89
26 OCT 89
23 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
20 MAR 91
24 MAY 91
Date

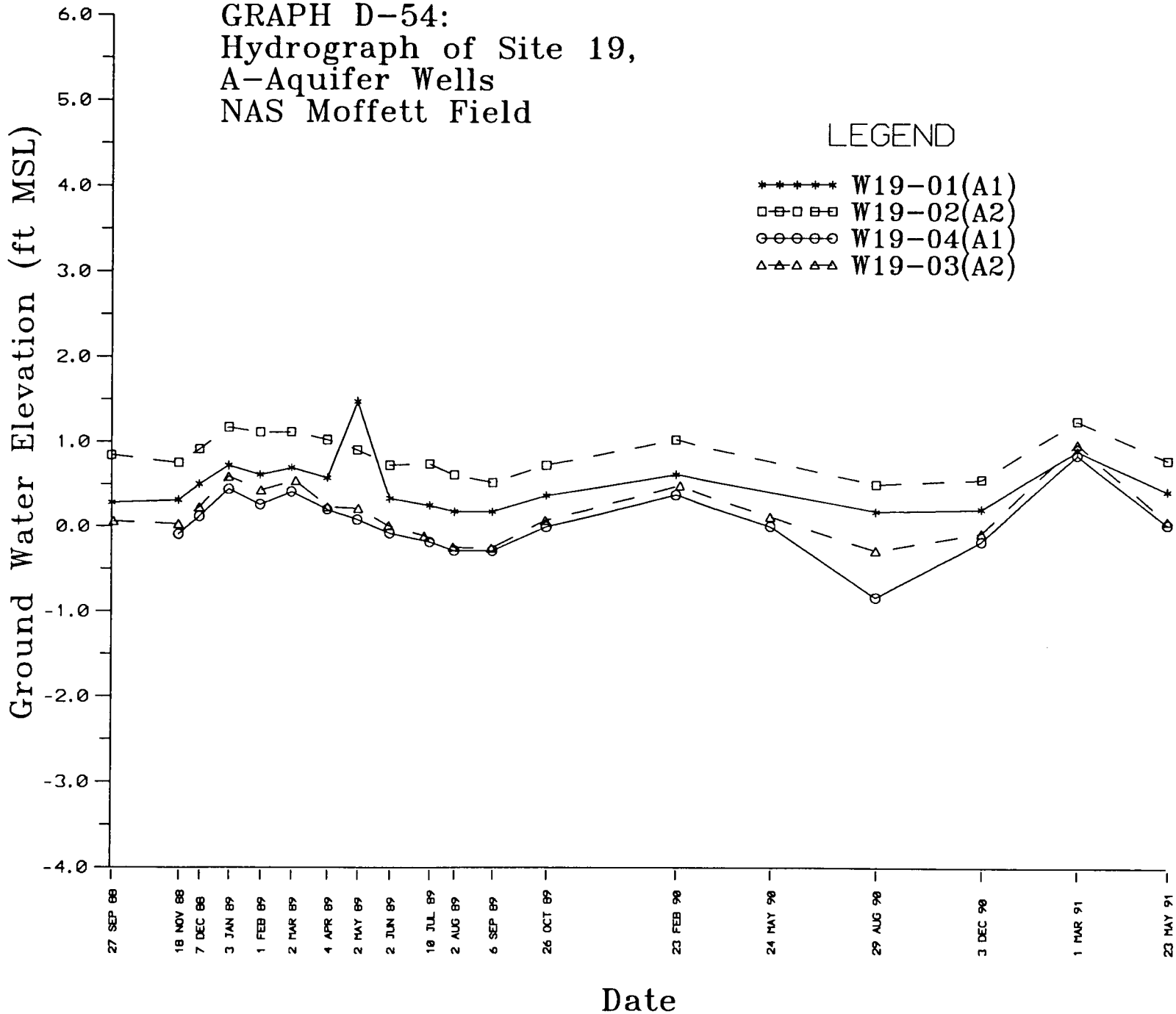

GRAPH D-49:
Hydrograph of Site 10,
C-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
17.0
16.0
15.0
14.0
13.0
12.0
11.0
10.0
9.0
8.0
7.0
16 NOV 88
4 DEC 88
4 JAN 89
2 FEB 89
2 MAR 89
5 APR 89
3 MAY 89
2 JUN 89
10 JUL 89
3 AUG 89
6 SEP 89
26 OCT 89
23 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
20 MAR 91
23 MAY 91
Date
LEGEND
W10-06(C)


GRAPH D-50:
Hydrograph of Site 11,
A1-Aquifer Wells
NAS Moffett Field
LEGEND
W11-01(A1)
W11-02(A1)
Ground Water Elevation (ft MSL)
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
-6.0
-7.0
-8.0
19 OCT 88
8 NOV 88
2 DEC 88
3 JAN 89
1 FEB 89
1 MAR 89
3 APR 89
1 MAY 89
1 JUN 89
6 JUL 89
1 AUG 89
6 SEP 89
25 OCT 89
22 FEB 90
25 MAY 90
29 AUG 90
3 DEC 90
4 MAR 91
23 MAY 91
Date


GRAPH D-51:
Hydrograph of Site 12,
A1-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
-5.0
31 OCT 88
9 NOV 88
1 DEC 88
3 JAN 89
1 FEB 89
1 MAR 89
3 APR 89
1 MAY 89
1 JUN 89
6 JUL 89
3 AUG 89
6 SEP 89
26 OCT 89
22 FEB 90
25 MAY 90
29 AUG 90
3 DEC 90
4 MAR 91
23 MAY 91
Date
LEGEND
W12-01(A1)
W12-02(A1)
W12-03(A1)


GRAPH D-52:
Hydrograph of Site 14,
A1-Aquifer Wells
NAS Moffett Field
LEGEND
W14-02(A1)
W14-03(A1)
W14-04(A1)
Ground Water Elevation (ft MSL)
27.0
26.0
25.0
24.0
23.0
22.0
21.0
20.0
19.0
18.0
17.0
NOTE: The 3 DEC 1990, potentiometric surface elevations for W14-03(A1) and -04(A1) have been corrected to resolve a data transposition, see table on page E-14.
22 SEP 88
6 OCT 88
14 NOV 88
1 DEC 88
3 JAN 89
1 FEB 89
2 MAR 89
4 APR 89
2 MAY 89
1 JUN 89
6 JUL 89
2 AUG 89
5 SEP 89
27 OCT 89
26 FEB 90
25 MAY 90
29 AUG 90
3 DEC 90
4 MAR 91
23 MAY 91
Date


GRAPH D-53:
Hydrograph of Site 14,
A2-Aquifer Wells
NAS Moffett Field
Ground Water Elevation (ft MSL)
27.0
26.0
25.0
24.0
23.0
22.0
21.0
20.0
19.0
18.0
17.0
22 SEP 88
6 OCT 88
14 NOV 88
1 DEC 88
3 JAN 89
1 FEB 89
2 MAR 89
4 APR 89
2 MAY 89
1 JUN 89
6 JUL 89
2 AUG 89
5 SEP 89
27 OCT 89
26 FEB 90
26 MAY 90
29 AUG 90
3 DEC 90
4 MAR 91
23 MAY 91
Date
LEGEND
W14-01(A2)
W14-05(A2)
W14-06(A2)


GRAPH D-54:
Hydrograph of Site 19,
A-Aquifer Wells
NAS Moffett Field
LEGEND
W19-01(A1)
W19-02(A2)
W19-04(A1)
W19-03(A2)
Ground Water Elevation (ft MSL)
6.0
5.0
4.0
3.0
2.0
1.0
0.0
-1.0
-2.0
-3.0
-4.0
27 SEP 88
18 NOV 88
7 DEC 88
3 JAN 89
1 FEB 89
2 MAR 89
4 APR 89
2 MAY 89
2 JUN 89
18 JUL 89
2 AUG 89
6 SEP 89
26 OCT 89
23 FEB 90
24 MAY 90
29 AUG 90
3 DEC 90
1 MAR 91
23 MAY 91
Date

# APPENDIX E

# WATER LEVEL MEASUREMENTS

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 01

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W01-01(AX) | 05/23/91 | TOC | 2.75 | 2.60 | 5.73 | -2.98 |
| W01-02(AX) | 05/23/91 | TOC | 4.46 | 4.30 | 7.27 | -2.81 |
| W01-03(AX) | 05/23/91 | TOC | 16.55 | 16.80 | 18.83 | -2.28 |
| W01-04(AX) | 05/23/91 | TOC | 2.33 | 2.00 | 4.72 | -2.39 |
| W01-05(A1) | 05/23/91 | TOM | 4.71 | 2.40 | 7.15 | -2.44 |
| W01-06(A1) | 05/23/91 | TOM | .76 | 1.20 | 3.81 | -3.05 |
| W01-07(A2) | 05/23/91 | TOM | 1.57 | 0.40 | 4.36 | -2.79 |
| W01-08(A1) | 05/23/91 | TOM | 4.31 | 1.60 | 6.91 | -2.60 |
| W01-09(F) | 05/23/91 | TOM | 19.92 | 17.10 | 21.17 | -1.25 |
| W01-10(F) | 05/23/91 | TOM | 6.92 | 7.30 | 6.14 | 0.78 |
| W01-11(F) | 05/23/91 | TOM | 16.15 | 13.10 | 18.28 | -2.13 |
| W01-12(A1) | 05/23/91 | TOM | 2.30 | -3.00 | 5.05 | -2.75 |
| W01-13(F) | 05/23/91 | TOM | 7.46 | 4.70 | 7.79 | -0.33 |

EXPLANATION:

TOC : Measurement taken from Top of Well Casing.
TOM : Measurement taken from Top of Steel Well Monument.
CBX : Measurement taken from Top of Christy Box installation cover.

[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 02

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W02-03(AX) | 05/23/91 | TOC | 0.30 | 0.20 | 4.74 | -4.44 |
| W02-05(A1) | 05/23/91 | TOM | 2.20 | -0.70 | 7.86 | -5.66 |
| W02-06(A1) | 05/23/91 | TOM | 2.62 | -0.30 | 8.72 | -6.10 |
| W02-07(A2) | 05/23/91 | TOM | 3.35 | -0.60 | 8.91 | -5.56 |
| W02-08(F) | 05/23/91 | TOM | 5.87 | 3.10 | 11.73 | -5.86 |
| W02-09(A1) | 05/23/91 | TOM | 4.32 | 1.30 | 10.21 | -5.89 |
| W02-10(F) | 05/23/91 | TOM | 3.73 | 1.10 | 9.43 | -5.70 |
| W02-11(F) | 05/23/91 | TOM | 10.00 | 7.10 | 15.70 | -5.70 |

EXPLANATION:

TOC : Measurement taken from Top of Well Casing.
TOM : Measurement taken from Top of Steel Well Monument.
CBX : Measurement taken from Top of Christy Box installation cover.

[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 03

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W03-01(A1) | 05/23/91 | TOC | 2.80 | 3.15 | 5.61 | -2.81 |
| W03-02(A1) | 05/23/91 | TOC | -1.83 | -2.00 | 2.67 | -4.50 |
| W03-03(A1) | 05/23/91 | TOC | -0.60 | -0.39 | 3.91 | -4.51 |
| W03-04(B2) | 05/23/91 | TOC | -0.66 | -0.51 | 2.26 | -2.92 |
| W03-05(BX) | 05/23/91 | TOC | -2.30 | -0.20 | 0.90 | -3.20 |
| W03-06(AX) | 05/23/91 | TOC | 0.26 | 0.40 | 4.38 | -4.12 |
| W03-07(B2) | 05/23/91 | TOC | 0.22 | 2.30 | 2.82 | -2.60 |
| W03-08(A1) | 05/23/91 | TOC | 0.65 | 0.53 | 4.78 | -4.13 |
| W03-09(B2) | 05/23/91 | TOC | 0.70 | 2.60 | 3.22 | -2.52 |
| W03-11(A1) | 05/23/91 | TOC | -0.17 | 2.20 | 3.11 | -3.28 |
| W03-12(A2) | 05/23/91 | TOM | -2.22 | -2.00 | 3.21 | -5.43 |
| W03-13(A2) | 05/23/91 | TOM | -1.21 | -1.06 | 2.63 | -3.84 |
| W03-14(B2) | 05/23/91 | TOM | 2.89 | 3.32 | 5.18 | -2.29 |
| W03-15(B2) | 05/23/91 | TOM | -0.49 | -0.13 | 1.98 | -2.47 |
| W03-16(C) [A] | 05/23/91 | TOM | 0.79 | 0.04 | +2.42 | 3.21 |
| W03-19(A1) | 05/23/91 | TOM | 2.42 | 2.42 | 5.29 | -2.87 |
| W03-20(A1) | 05/23/91 | TOM | 2.82 | 2.72 | 5.96 | -3.14 |
| W03-21(A1) | 05/23/91 | TOM | 5.37 | 2.57 | 8.50 | -3.13 |

EXPLANATION:

TOC : Measurement taken from Top of Well Casing.
TOM : Measurement taken from Top of Steel Well Monument.
CBX : Measurement taken from Top of Christy Box installation cover.

[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 03 (Continued)

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W03-22(A2) | 05/23/91 | TOM | 2.00 | 2.44 | 4.65 | -2.65 |
| W03-23(A1) | 05/23/91 | TOM | 0.37 | 0.75 | 5.10 | -4.73 |
| W03-24(A1) | 05/23/91 | TOM | -0.10 | -0.20 | 3.53 | -3.63 |

EXPLANATION:

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TOM : Measurement taken from Top of Steel Well Monument.
CBX : Measurement taken from Top of Christy Box installation cover.

[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 04

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W04-02(A1) | 05/24/91 | TOC | 4.12 | 4.43 | 6.22 | -2.10 |
| W04-03(A1) | 05/23/91 | TOC | 5.35 | 5.48 | 6.81 | -1.46 |
| W04-04(A1) | 05/23/91 | TOC | 5.39 | 5.47 | 6.76 | -1.37 |
| W04-06(A2) | 05/23/91 | TOC | 5.19 | 5.19 | 6.52 | -1.33 |
| W04-07(C) [A] | 05/23/91 | TOM | 4.97 | 4.34 | +2.42 | 7.39 |
| W04-08(C) | 05/23/91 | TOM | 6.74 | 4.11 | 0.35 | 6.39 |
| W04-09(B2) | 05/23/91 | TOM | 2.85 | 3.19 | 3.65 | -0.80 |
| W04-11(A1) | 05/24/91 | TOM | 4.69 | 4.69 | 5.94 | -1.25 |
| W04-12(A2) | 05/23/91 | TOM | 6.75 | 6.75 | 8.77 | -2.02 |
| W04-13(B2) | 05/24/91 | TOM | 4.61 | 4.61 | 5.28 | -0.67 |
| W04-14(A1) | 05/23/91 | TOM | 6.28 | 6.28 | 6.89 | -0.61 |
| W04-15(A1) | 05/24/91 | TOM | 3.69 | 3.69 | 5.69 | -2.00 |
| W04-16(A1) | 05/23/91 | TOM | 7.34 | 7.34 | 8.46 | -1.12 |
| W04-17(A1) | 05/23/91 | TOM | 6.80 | 6.80 | 8.74 | -1.94 |

EXPLANATION:

TOC : Measurement taken from Top of Well Casing.
TOM : Measurement taken from Top of Steel Well Monument.
CBX : Measurement taken from Top of Christy Box installation cover.

[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 05

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W05-04(A2) | 05/23/91 | TOM | 6.15 | 6.55 | 6.12 | 0.03 |
| W05-05(C) [A] | 05/23/91 | TOM | 6.16 | 6.68 | +0.45 | 6.61 |
| W05-06(A1) | 05/23/91 | TOM | 9.00 | 9.66 | 7.17 | 1.83 |
| W05-07(A1) | 05/23/91 | TOM | 13.27 | 13.69 | 9.09 | 4.18 |
| W05-08(A1) | 05/23/91 | TOM | 13.47 | 13.47 | 9.57 | 3.90 |
| W05-09(A1) | 05/23/91 | TOM | 13.25 | 13.93 | 6.19 | 7.06 |
| W05-10(A1) | 05/23/91 | TOM | 13.20 | 13.47 | 9.61 | 3.59 |
| W05-11(A1) | 05/23/91 | TOM | 12.22 | 12.22 | 9.23 | 2.99 |
| W05-12(A1) | 05/23/91 | TOM | 9.39 | 9.39 | 6.98 | 2.41 |
| W05-13(A1) | 05/23/91 | TOM | 15.88 | 13.28 | 11.63 | 4.25 |
| W05-14(A1) | 05/23/91 | TOM | 7.25 | 7.64 | 6.50 | 0.75 |
| W05-15(A1) | 05/23/91 | TOM | 9.67 | 10.28 | 8.28 | 1.39 |
| W05-16(A1) | 05/23/91 | TOM | 11.68 | 12.05 | 6.47 | 5.21 |
| W05-17(A1) | 05/23/91 | TOM | 12.14 | 12.55 | 6.92 | 5.22 |
| W05-18(A1) | 05/23/91 | TOM | 11.77 | 12.13 | 6.02 | 5.75 |
| W05-19(A1) | 05/23/91 | TOM | 12.11 | 12.47 | 6.51 | 5.60 |
| W05-20(A1) | 05/23/91 | TOM | 10.35 | 7.67 | 9.27 | 1.08 |
| W05-21(A1) | 05/23/91 | TOM | 7.22 | 7.22 | 6.74 | 0.48 |

EXPLANATION:

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TOM : Measurement taken from Top of Steel Well Monument.
CBX : Measurement taken from Top of Christy Box installation cover.

[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 05 (Continued)

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W05-23(A1) | 05/24/91 | TOM | 5.84 | 5.84 | 6.49 | -0.65 |
| W05-25(A2) | 05/23/91 | TOM | 5.05 | 5.05 | 5.32 | -0.27 |
| W05-26(B2) | 05/23/91 | TOM | 12.07 | 12.07 | 8.58 | 3.49 |
| W05-27(A1) | 05/23/91 | TOM | 7.38 | 7.37 | 6.74 | 0.64 |
| FP05-01(A1) | 05/23/91 | TOM | 11.24 | 7.54 | 10.47 | 0.77 |
| FP05-02(A1) | 05/23/91 | TOM | 13.61 | 13.61 | 9.24 | 4.37 |
| FP05-03(A1) | 05/24/91 | TOM | 13.26 | 13.26 | 9.68 | 3.58 |
| FP05-04(A1) | 05/24/91 | TOM | 12.81 | 12.81 | 7.44 | 5.37 |
| FP05-05(A1) | 05/24/91 | TOM | 9.35 | 9.35 | 7.36 | 1.99 |
| FP05-06(A1) | 05/23/91 | TOM | 12.21 | 12.21 | 5.91 | 6.30 |
| FP05-07(A1) | 05/24/91 | TOM | 9.37 | 9.37 | 6.93 | 2.44 |
| FP05-08(A1) | 05/24/91 | TOM | 9.92 | 9.92 | 7.54 | 2.38 |
| FP05-09(A1) | 05/24/91 | TOM | 7.95 | 7.95 | 6.74 | 1.21 |

EXPLANATION:

TOC : Measurement taken from Top of Well Casing.
TOM : Measurement taken from Top of Steel Well Monument.
CBX : Measurement taken from Top of Christy Box installation cover.

[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 06

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W06-02(A2) | 05/23/91 | TOC | 5.53 | 6.19 | 5.57 | -0.04 |
| W06-03(A1) | 05/23/91 | TOC | 5.51 | 6.10 | 5.56 | -0.05 |
| W06-08(A2) | 05/23/91 | TOM | 8.05 | 8.05 | 7.10 | 0.95 |
| W06-09(A1) | 05/23/91 | TOM | 8.29 | 8.29 | 6.58 | 1.71 |
| W06-10(A1) | 05/23/91 | TOM | 8.92 | 8.92 | 6.40 | 2.52 |

EXPLANATION:

TOC : Measurement taken from Top of Well Casing.
TOM : Measurement taken from Top of Steel Well Monument.
CBX : Measurement taken from Top of Christy Box installation cover.

[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 07

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W07-01(A1) | 05/23/91 | TOC | 11.20 | 11.31 | 5.57 | 5.63 |
| W07-04(A2) | 05/23/91 | TOC | 10.08 | 10.31 | 8.25 | 1.83 |
| W07-05(A1) | 05/23/91 | TOC | | 6.80 | | [B] |
| W07-08(A1) | 05/23/91 | TOC | 9.59 | 9.90 | 9.14 | 0.45 |
| W07-12(AX) | 05/23/91 | TOC | 10.80 | 12.80 | 8.19 | 2.61 |
| W07-13(A1) | 05/23/91 | TOC | 11.28 | 11.31 | 7.16 | 4.12 |
| W07-15(A2) | 05/23/91 | TOC | 8.10 | 8.30 | 5.86 | 2.24 |
| W07-16(C) | 05/23/91 | TOM | 10.39 | 11.15 | 1.42 | 8.97 |
| W07-17(A2) | 05/23/91 | TOM | 6.99 | 6.99 | 6.90 | 0.09 |
| W07-18(A1) | 05/23/91 | TOM | 10.79 | 11.19 | 5.07 | 5.72 |
| W07-19(A1) | 05/23/91 | TOM | 8.95 | 9.40 | 7.71 | 1.24 |
| W07-20(A1) | 05/23/91 | TOM | 10.20 | 10.51 | 7.86 | 2.34 |
| W07-21(A1) | 05/23/91 | TOM | 7.38 | 7.86 | 4.83 | 2.55 |

EXPLANATION:

TOC : Measurement taken from Top of Well Casing.
TOM : Measurement taken from Top of Steel Well Monument.
CBX : Measurement taken from Top of Christy Box installation cover.

[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 08

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W08-01(A1) | 05/23/91 | TOC | 8.03 | 8.16 | 8.24 | -0.21 |
| W08-02(A2) | 05/23/91 | TOM | 7.24 | 7.79 | 7.62 | -0.38 |
| W08-03(C) [A] | 05/23/91 | TOM | 13.50 | 7.90 | +0.13 | 13.63 |
| W08-04(A1) | 05/23/91 | TOM | 7.47 | 7.91 | 7.58 | -0.11 |
| W08-05(A1) | 05/23/91 | TOM | 6.03 | 6.55 | 6.64 | -0.61 |
| W08-06(A1) | 05/23/91 | TOM | 7.42 | 7.86 | 7.71 | -0.29 |
| W08-08(A1) | 05/23/91 | TOM | 5.61 | 3.39 | 7.66 | -2.05 |
| W08-10(A2) | 05/23/91 | TOM | 5.30 | 6.82 | 6.40 | -1.10 |
| W08-11(A2) | 05/23/91 | TOM | 6.57 | 7.87 | 7.39 | -0.82 |
| W08-12(A2) | 05/23/91 | TOM | 6.56 | 7.65 | 7.84 | -1.28 |

EXPLANATION:

TOC : Measurement taken from Top of Well Casing.
TOM : Measurement taken from Top of Steel Well Monument.
CBX : Measurement taken from Top of Christy Box installation cover.

[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 09

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W09-01(A1) | 05/23/91 | TOC | 18.72 | 18.86 | 8.71 | 10.01 |
| W09-02(A1) | 05/23/91 | TOC | 19.44 | 19.63 | 8.26 | 11.18 |
| W09-03(C) | 05/23/91 | TOC | 19.70 | 20.00 | 4.29 | 15.41 |
| W09-04(B2) | 05/23/91 | TOM | 13.34 | 13.86 | 6.39 | 6.95 |
| W09-05(B3) | 05/23/91 | TOM | 13.32 | 13.72 | 5.76 | 7.56 |
| W09-06(A1) | 05/23/91 | TOM | 18.23 | 18.50 | 8.33 | 9.90 |
| W09-07(A1) | 05/23/91 | TOM | 19.22 | 19.66 | 8.02 | 11.20 |
| W09-08(A2) | 05/23/91 | TOM | 20.55 | 21.45 | 8.47 | 12.08 |
| W09-09(A2) | 05/23/91 | TOM | 18.00 | 18.80 | 7.88 | 10.12 |
| W09-10(A1) | 05/23/91 | TOC | 12.33 | 13.44 | 6.25 | 6.08 |
| W09-11(B2) | 05/23/91 | TOM | 13.48 | 14.48 | 8.15 | 5.33 |
| W09-12(B2) | 05/23/91 | TOM | 20.30 | 21.18 | 6.73 | 13.57 |
| W09-13(A2) | 05/23/91 | TOM | 19.32 | 19.60 | 8.00 | 11.32 |
| W09-14(A2) | 05/23/91 | TOM | 20.53 | 20.90 | 6.80 | 13.73 |
| W09-15(B2) | 05/23/91 | TOM | 18.34 | 18.77 | 5.94 | 12.40 |
| W09-16(A1) | 05/23/91 | TOM | 22.84 | 24.10 | 7.73 | 15.11 |
| W09-17(A2) | 05/23/91 | TOM | 19.73 | 20.92 | 5.95 | 13.78 |

EXPLANATION:

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TOM : Measurement taken from Top of Steel Well Monument.
CBX : Measurement taken from Top of Christy Box installation cover.

[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 09 (Continued)

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W09-18(A1) | 05/23/91 | TOM | 18.41 | 19.47 | 5.85 | 12.56 |
| W09-19(A1) | 05/23/91 | TOM | 22.62 | 23.86 | 8.33 | 14.29 |
| W09-20(A2) | 05/23/91 | TOM | 16.86 | 18.03 | 5.48 | 11.38 |
| W09-21(A2) | 05/23/91 | TOM | 16.14 | 17.32 | 4.51 | 11.63 |
| W09-22(A2) | 05/23/91 | TOM | 15.63 | 16.60 | 7.11 | 8.52 |
| W09-23(A1) | 05/23/91 | TOM | 16.01 | 17.28 | 6.69 | 9.32 |
| W09-24(A1) | 05/23/91 | TOM | 13.51 | 14.57 | 8.19 | 5.32 |
| W09-25(A2) | 05/23/91 | TOM | 15.68 | 16.74 | 7.09 | 8.59 |
| W09-26(A1) | 05/23/91 | TOM | 13.75 | 14.82 | 7.42 | 6.33 |
| W09-27(A2) | 05/23/91 | TOM | 16.39 | 16.79 | 8.99 | 7.40 |
| W09-28(A2) | 05/23/91 | TOM | 16.48 | 17.58 | 6.89 | 9.59 |
| W09-29(A1) | 05/23/91 | TOM | 16.96 | 18.15 | 4.23 | 12.73 |
| W09-30(A1) | 05/23/91 | TOM | 20.22 | 21.32 | 6.29 | 13.93 |
| W09-31(A1) | 05/23/91 | TOM | 16.58 | 17.71 | 7.94 | 8.64 |
| W09-33(A2) | 05/23/91 | TOM | 18.75 | 19.71 | 6.88 | 11.87 |
| W09-34(A2) | 05/23/91 | TOM | 18.87 | 19.96 | 7.63 | 11.24 |
| W09-35(A1) | 05/23/91 | TOM | 17.05 | 18.16 | 5.97 | 11.08 |

EXPLANATION:

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[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 09 (Continued)

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W09-36(A2) | 05/23/91 | TOM | 20.51 | 21.66 | 8.33 | 12.18 |
| W09-37(A1) | 05/23/91 | TOM | 20.88 | 22.02 | 6.70 | 14.18 |
| W09-38(A1) | 05/23/91 | TOM | 23.01 | 24.12 | 7.61 | 15.40 |
| W09-39(B2) | 05/23/91 | TOM | 15.71 | 16.63 | 7.25 | 8.46 |
| W09-40(B2) | 05/23/91 | TOM | 20.51 | 21.51 | 7.32 | 13.19 |
| W09-41(A2) | 05/23/91 | TOM | 22.98 | 23.87 | 7.36 | 15.62 |
| W09-42(A2) | 05/23/91 | TOM | 16.98 | 18.18 | 3.97 | 13.01 |
| W09-43(A2) | 05/23/91 | TOM | 16.18 | 17.15 | 10.08 | 6.10 |
| FP09-01(A1) | 05/23/91 | TOM | 16.54 | 17.14 | 7.32 | 9.22 |
| FP09-02(A1) | 05/23/91 | TOM | 17.81 | 18.80 | 5.89 | 11.92 |

EXPLANATION:

TOC : Measurement taken from Top of Well Casing.
TOM : Measurement taken from Top of Steel Well Monument.
CBX : Measurement taken from Top of Christy Box installation cover.

[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 10

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W10-02(A1) | 05/24/91 | TOC | 15.55 | 15.50 | 5.39 | 10.16 |
| W10-03(B2) | 05/24/91 | TOC | 15.58 | 15.55 | 5.26 | 10.32 |
| W10-04(A2) | 05/24/91 | TOC | 9.77 | 9.80 | 5.23 | 4.54 |
| W10-05(A1) | 05/24/91 | TOM | 9.05 | 9.72 | 5.18 | 3.87 |
| W10-06(C) | 05/23/91 | TOM | 18.06 | 18.85 | 5.34 | 12.72 |

EXPLANATION:

TOC : Measurement taken from Top of Well Casing.
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[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 11

Report date: 08/11/91

| WELL | Measure-ment Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W11-01(A1) | 05/23/91 | TOM | 4.13 | 1.44 | 9.28 | -5.15 |
| W11-02(A1) | 05/23/91 | TOM | 4.86 | 1.67 | 9.40 | -4.54 |

EXPLANATION:

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[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 12

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W12-01(A1) | 05/23/91 | TOM | 8.31 | 8.88 | 7.49 | 0.82 |
| W12-02(A1) | 05/23/91 | TOM | 8.54 | 8.99 | 8.47 | 0.07 |
| W12-03(A1) | 05/23/91 | TOM | 5.42 | 5.79 | 5.61 | -0.19 |

EXPLANATION:

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CBX : Measurement taken from Top of Christy Box installation cover.

[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 14

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W14-01(A2) | 05/23/91 | TOM | 29.94 | 30.33 | 8.48 | 21.46 |
| W14-02(A1) | 05/23/91 | TOM | 29.85 | 30.51 | 8.70 | 21.15 |
| W14-03(A1) | 05/23/91 | TOM | 31.37 | 31.65 | 9.58 | 21.79 |
| W14-04(A1) | 05/23/91 | TOM | 29.09 | 29.54 | 8.21 | 20.88 |
| W14-05(A2) | 05/23/91 | TOM | 31.25 | 31.62 | 9.25 | 22.00 |
| W14-06(A2) | 05/23/91 | TOM | 29.19 | 29.63 | 7.87 | 21.32 |

EXPLANATION:

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TOM : Measurement taken from Top of Steel Well Monument.
CBX : Measurement taken from Top of Christy Box installation cover.

[A] : Flowing artesian well.
[B] : Well paved over.

NAS Moffett Field
2nd Quarter 1991 Water Level Measurements
Sorted by Site,Date,Well
Site 19

Report date: 08/11/91

| WELL | Measurement Date | Pt. of Ref. | Reference Point Elevation (ft. MSL) | Ground Level Elevation (ft. MSL) | Depth to Water (ft. MSL) | Water Level Elevation (ft. MSL) |
|---|---|---|---|---|---|---|
| W19-01(A1) | 05/23/91 | TOM | 9.26 | 9.78 | 8.84 | 0.42 |
| W19-02(A2) | 05/23/91 | TOM | 10.02 | 10.31 | 9.23 | 0.79 |
| W19-03(A2) | 05/23/91 | TOM | 7.68 | 8.18 | 7.61 | 0.07 |
| W19-04(A1) | 05/23/91 | TOM | 7.77 | 8.25 | 7.74 | 0.03 |

EXPLANATION:

TOC : Measurement taken from Top of Well Casing.
TOM : Measurement taken from Top of Steel Well Monument.
CBX : Measurement taken from Top of Christy Box installation cover.

[A] : Flowing artesian well.
[B] : Well paved over.

# APPENDIX F

## SUMMARY OF MAJOR/SIGNIFICANT MEETINGS

## APPENDIX F

## MAJOR/SIGNIFICANT PROJECT MEETINGS

Meetings with regulatory agencies and others have been conducted on an as-needed basis. Meetings that have been held since April 1, 1991 are as follows:

- Date: April 22, 1991
- Topic: Monthly Technical Meeting
- Location: PRC Office, San Francisco, California
- Attendees: WESTDIV, IT, PRC, J.M. Montgomery
- Meeting Summary: Reviewed project status.

- Date: April 23, 1991
- Topic: Monthly Status Meeting
- Location: NAS Moffett Field
- Attendees: EPA, CRWQCB, WESTDIV, NAS Moffett Field, IT, CDM, PRC, J. M. Montgomery
- Meeting Summary: Reviewed monthly status and ongoing Phase II activities.

- Date: May 7, 1991
- Topic: Technical Review Committee Meeting
- Location: NAS Moffett Field
- Attendees: Technical Review Committee Members
- Meeting Summary: Update on Phase II Work.

- Date: May 7, 1991
- Topic: Data Exchange Meeting
- Location: Fairchild/Schlumberger, Mountain View, CA
- Attendees: WESTDIV, NAS Moffett Field, IT, NASA, PRC, Raytheon, J. M. Montgomery, Schlumberger
- Meeting Summary: Discussed exchange of database information between ongoing investigations on and in vicinity of NAS Moffett Field.

- Date: May 22, 1991
- Topic: Monthly Status Meeting
- Location: WESTDIV, San Bruno, CA
- Attendees: EPA, CRWQCB, DHS, WESTDIV, NAS Moffett Field, IT, CDM, PRC, J. M. Montgomery
- Meeting Summary: Reviewed monthly status and ongoing Phase II efforts.

- Date: May 22, 1991
- Topic: Navy Technical Meeting
- Location: WESTDIV, San Bruno, California
- Attendees: WESTDIV, IT, PRC, J. M. Montgomery
- Meeting Summary: Discussed coordination of investigations and data management activities.

- Date: June 21, 1991
- Topic: Monthly Technical Meeting
- Location: PRC Office, San Francisco, California
- Attendees: WESTDIV, HAZWRAP, IT, PRC, J. M. Montgomery
- Meeting Summary: Discussed Removal Action Design Documents, Quarterly Reports, and Aquifer Tests

- Date: June 21, 1991
- Topic: Monthly Status Meeting
- Location: CDM Office, San Francisco, California
- Attendees: EPA, CRWQCB, DHS, WESTDIV, NAS Moffett Field, HAZWRAP, IT, CDM, PRC, J. M. Montgomery
- Meeting Summary: North Base Area Investigation; Data Exchange; Design Documents for Sites 9, 12, and 14; Abandoned Well Closure; RI Field Work; and FFA Schedule.