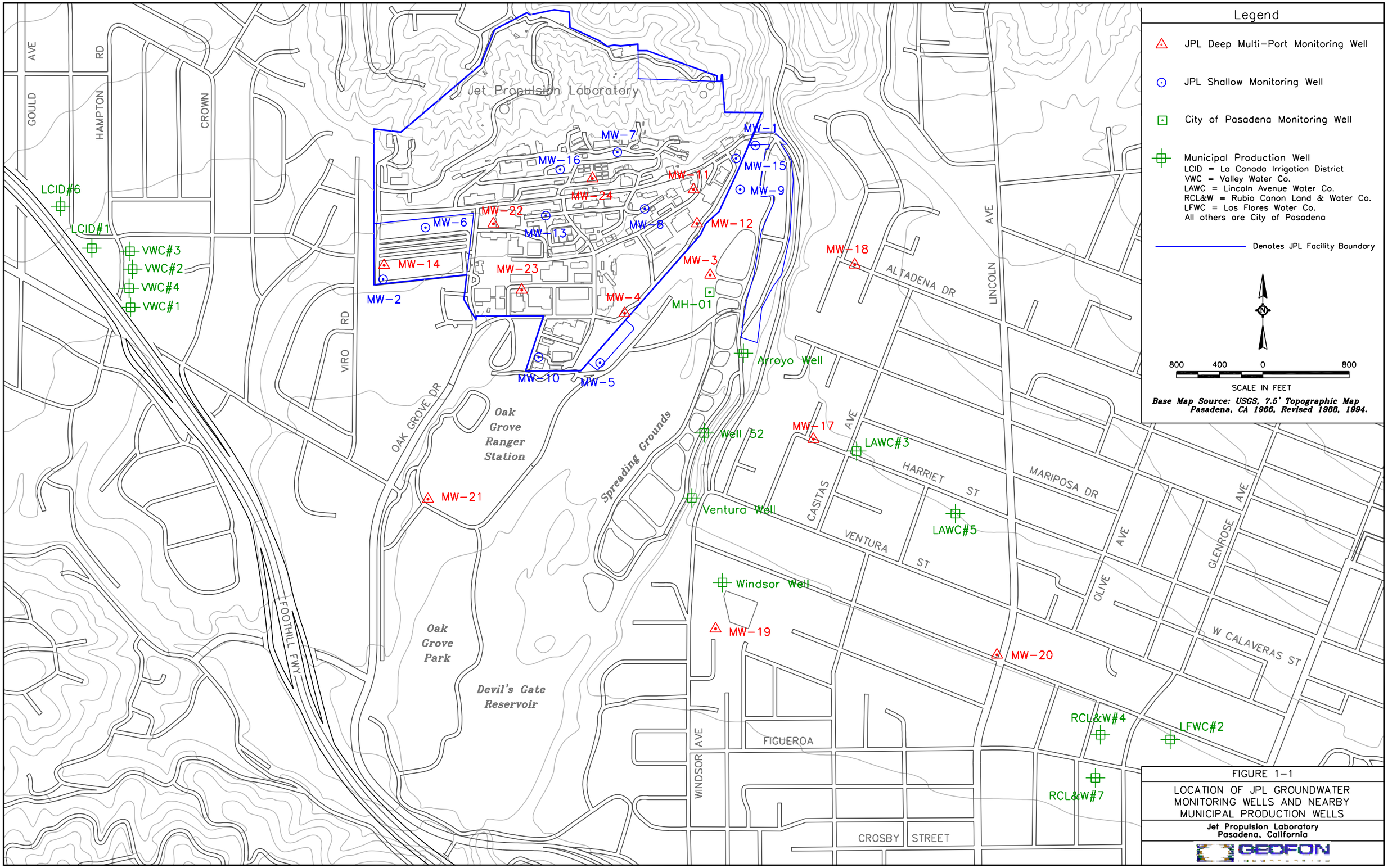
FIGURES


Legend
JPL Deep Multi-Port Monitoring Well
JPL Shallow Monitoring Well
City of Pasadena Monitoring Well
Municipal Production Well
LCID = La Canada Irrigation District
VWC = Valley Water Co.
LAWC = Lincoln Avenue Water Co.
RCL&W = Rubio Canon Land & Water Co.
LFWC = Las Flores Water Co.
All others are City of Pasadena
Denotes JPL Facility Boundary
800 400 0 800
SCALE IN FEET
Base Map Source: USGS, 7.5' Topographic Map Pasadena, CA 1966, Revised 1988, 1994.
Jet Propulsion Laboratory
MW-1
MW-2
MW-3
MW-4
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11
MW-12
MW-13
MW-14
MW-15
MW-16
MW-17
MW-18
MW-19
MW-20
MW-21
MW-22
MW-23
MW-24
MH-01
LCID#6
LCID#1
VWC#3
VWC#2
VWC#4
VWC#1
Arroyo Well
Well 52
LAWC#3
LAWC#5
Ventura Well
Windsor Well
RCL&W#4
RCL&W#7
LFWC#2
Oak Grove Ranger Station
Oak Grove Park
Devil's Gate Reservoir
Spreading Grounds
GOULD AVE
HAMPTON RD
CROWN
VIRO RD
OAK GROVE DR
FOOTHILL FWY
ALTADENA DR
LINCOLN AVE
HARRIET ST
MARIPOSA DR
CASITAS AVE
VENTURA ST
OLIVE AVE
GLENROSE AVE
W CALAVERAS ST
FIGUEROA
WINDSOR AVE
CROSBY STREET
N
FIGURE 1-1
LOCATION OF JPL GROUNDWATER MONITORING WELLS AND NEARBY MUNICIPAL PRODUCTION WELLS
Jet Propulsion Laboratory
Pasadena, California
GEOFON

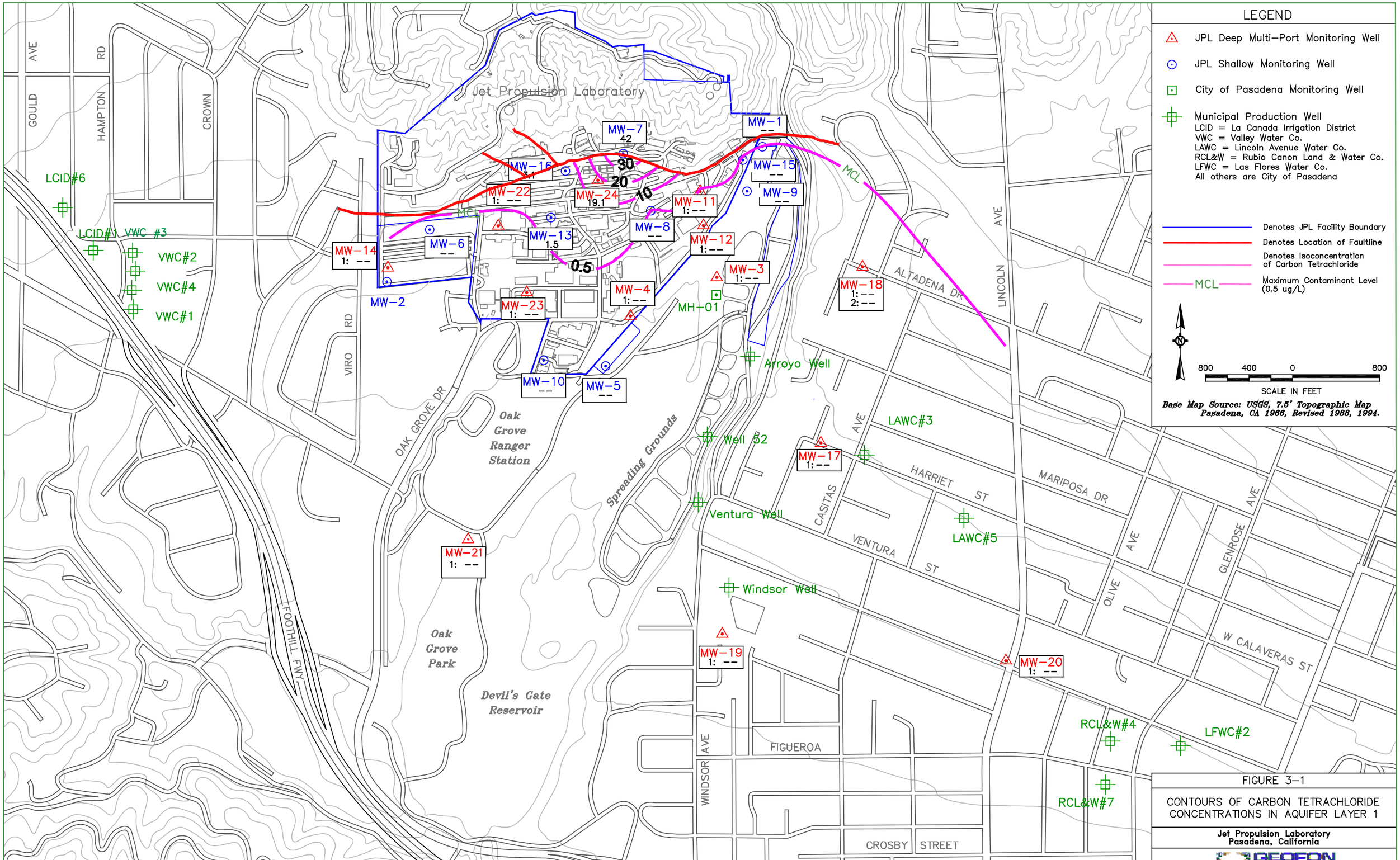


FIGURE 3-1

CONTOURS OF CARBON TETRACHLORIDE CONCENTRATIONS IN AQUIFER LAYER 1

Jet Propulsion Laboratory
Pasadena, California

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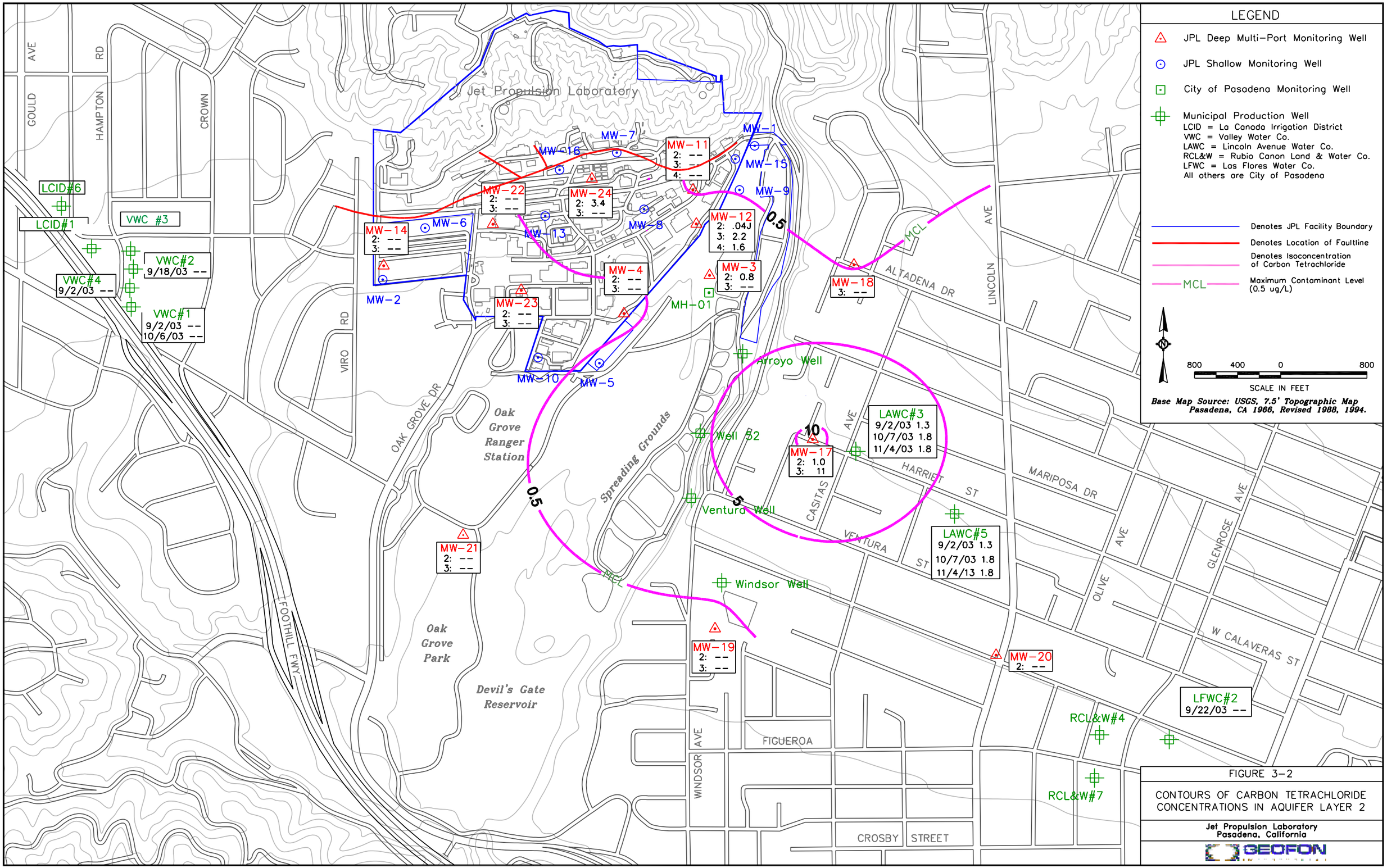
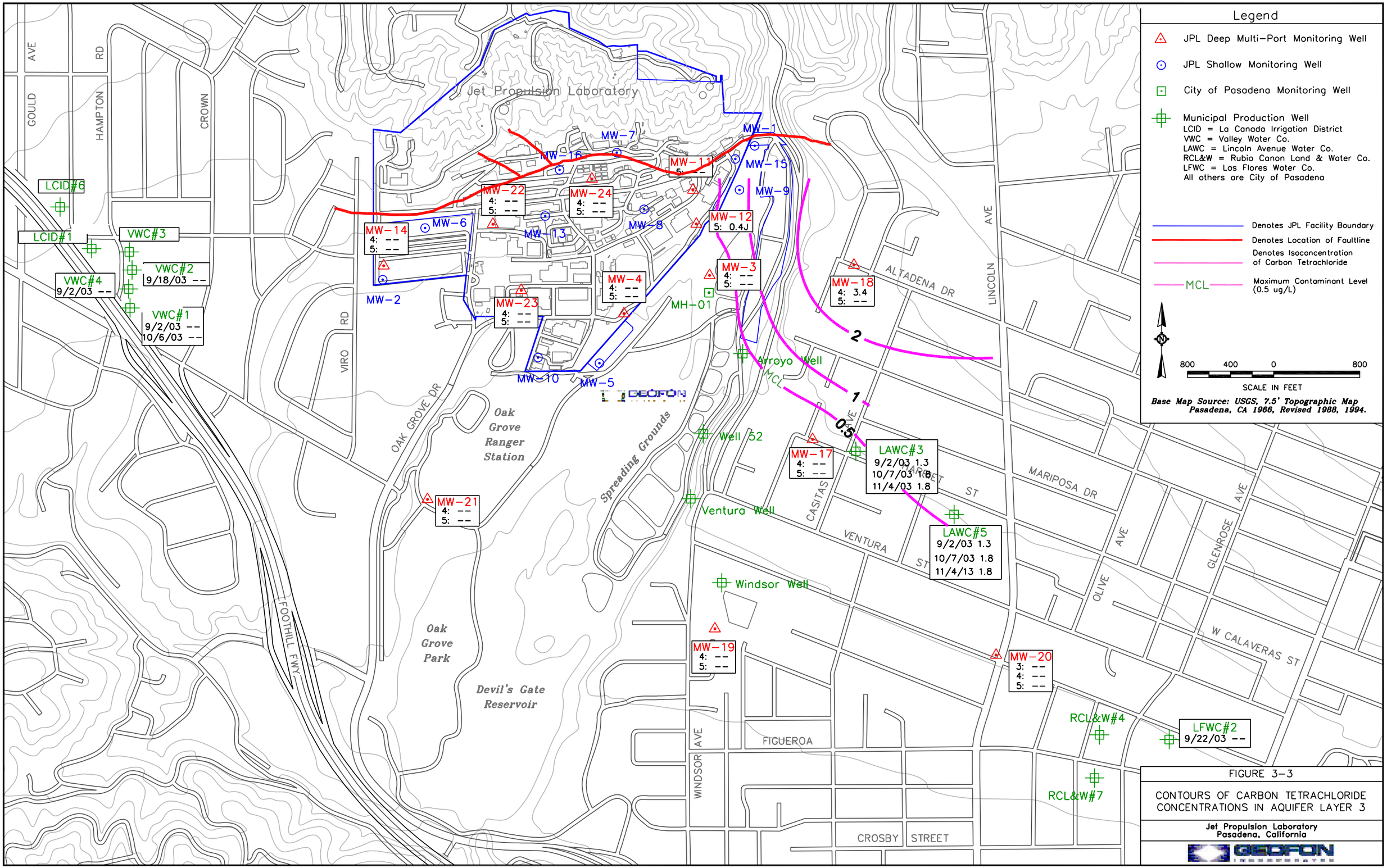

LEGEND
JPL Deep Multi-Port Monitoring Well
JPL Shallow Monitoring Well
City of Pasadena Monitoring Well
Municipal Production Well
LCID = La Canada Irrigation District
VWC = Valley Water Co.
LAWC = Lincoln Avenue Water Co.
RCL&W = Rubio Canon Land & Water Co.
LFWC = Las Flores Water Co.
All others are City of Pasadena
Denotes JPL Facility Boundary
Denotes Location of Faultline
Denotes Isoconcentration of Carbon Tetrachloride
MCL
Maximum Contaminant Level (0.5 ug/L)
N
800 400 0 800
SCALE IN FEET
Base Map Source: USGS, 7.5' Topographic Map Pasadena, CA 1966, Revised 1988, 1994.
Jet Propulsion Laboratory
MW-1
MW-2
MW-3
2: 0.8
3: --
MW-4
2: --
3: --
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11
2: --
3: --
4: --
MW-12
2: .04J
3: 2.2
4: 1.6
MW-13
MW-14
2: --
3: --
MW-15
MW-16
MW-17
2: 1.0
3: 11
MW-18
3: --
MW-19
2: --
3: --
MW-20
2: --
MW-21
2: --
3: --
MW-22
2: --
3: --
MW-23
2: --
3: --
MW-24
2: 3.4
3: --
MH-01
LCID#6
LCID#1
VWC #3
VWC#2
9/18/03 --
VWC#4
9/2/03 --
VWC#1
9/2/03 --
10/6/03 --
Arroyo Well
Well 32
Ventura Well
Windsor Well
LAWC#3
9/2/03 1.3
10/7/03 1.8
11/4/03 1.8
LAWC#5
9/2/03 1.3
10/7/03 1.8
11/4/13 1.8
LFWC#2
9/22/03 --
RCL&W#4
RCL&W#7
0.5
5
10
MCL
Oak Grove Ranger Station
Spreading Grounds
Oak Grove Park
Devil's Gate Reservoir
GOULD AVE
HAMPTON RD
CROWN
VIRO RD
OAK GROVE DR
FOOTHILL FWY
ALTADENA DR
LINCOLN AVE
CASITAS AVE
HARRIET ST
MARIPOSA DR
VENTURA ST
OLIVE AVE
GLENROSE AVE
W CALAVERAS ST
FIGUEROA
WINDSOR AVE
CROSBY STREET
FIGURE 3-2
CONTOURS OF CARBON TETRACHLORIDE CONCENTRATIONS IN AQUIFER LAYER 2
Jet Propulsion Laboratory
Pasadena, California
GEOFON


Legend
JPL Deep Multi-Port Monitoring Well
JPL Shallow Monitoring Well
City of Pasadena Monitoring Well
Municipal Production Well
LCID = La Canada Irrigation District
VWC = Valley Water Co.
LAWC = Lincoln Avenue Water Co.
RCL&W = Rubio Canon Land & Water Co.
LFWC = Las Flores Water Co.
All others are City of Pasadena
Denotes JPL Facility Boundary
Denotes Location of Faultline
Denotes Isoconcentration of Carbon Tetrachloride
MCL
Maximum Contaminant Level (0.5 ug/L)
800 400 0 800
SCALE IN FEET
Base Map Source: USGS, 7.5' Topographic Map Pasadena, CA 1966, Revised 1988, 1994.
Jet Propulsion Laboratory
MW-1
MW-2
MW-3 4: -- 5: --
MW-4 4: -- 5: --
MW-5
MW-6
MW-7
MW-8
MW-9
MW-10
MW-11 5: --
MW-12 5: 0.4J
MW-13
MW-14 4: -- 5: --
MW-15
MW-16
MW-17 4: -- 5: --
MW-18 4: 3.4 5: --
MW-19 4: -- 5: --
MW-20 3: -- 4: -- 5: --
MW-21 4: -- 5: --
MW-22 4: -- 5: --
MW-23 4: -- 5: --
MW-24 4: -- 5: --
LCID#6
LCID#1
VWC#3
VWC#2 9/18/03 --
VWC#4 9/2/03 --
VWC#1 9/2/03 -- 10/6/03 --
MH-01
Arroyo Well
Well 52
Ventura Well
Windsor Well
LAWC#3 9/2/03 1.3 10/7/03 1.8 11/4/03 1.8
LAWC#5 9/2/03 1.3 10/7/03 1.8 11/4/13 1.8
RCL&W#4
RCL&W#7
LFWC#2 9/22/03 --
2
1
0.5
MCL
Oak Grove Ranger Station
Spreading Grounds
Oak Grove Park
Devil's Gate Reservoir
GOULD AVE
HAMPTON RD
CROWN
VIRO RD
OAK GROVE DR
FOOTHILL FWY
ALTADENA DR
LINCOLN AVE
MARIPOSA DR
GLENROSE AVE
OLIVE AVE
W CALAVERAS ST
VENTURA ST
CASITAS AVE
FIGUEROA
WINDSOR AVE
CROSBY STREET
FIGURE 3-3
CONTOURS OF CARBON TETRACHLORIDE CONCENTRATIONS IN AQUIFER LAYER 3
Jet Propulsion Laboratory
Pasadena, California
GEOFON INCORPORATED

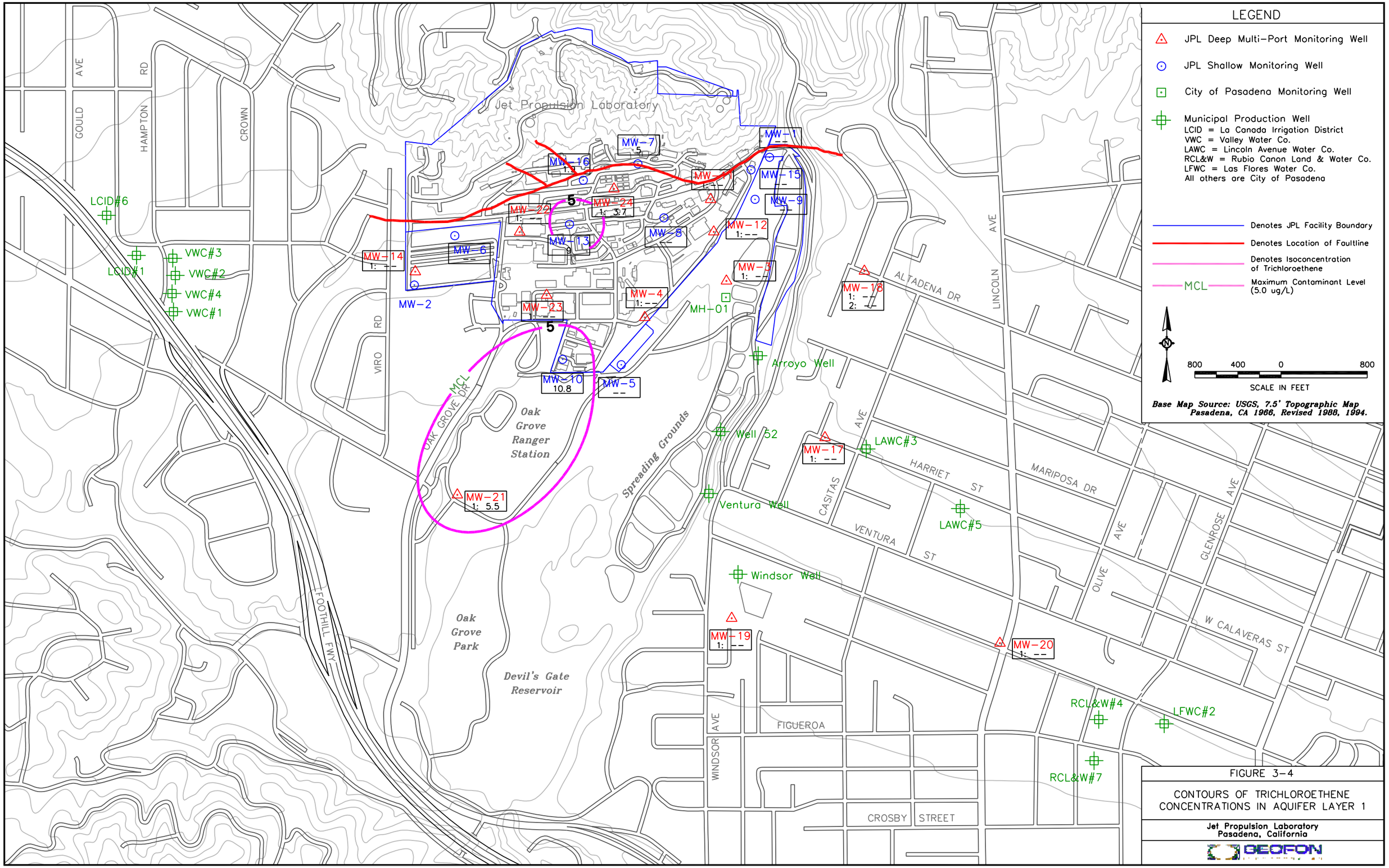


FIGURE 3-4

CONTOURS OF TRICHLOROETHENE CONCENTRATIONS IN AQUIFER LAYER 1

Jet Propulsion Laboratory
Pasadena, California

GEOFON