

**LEGEND:**

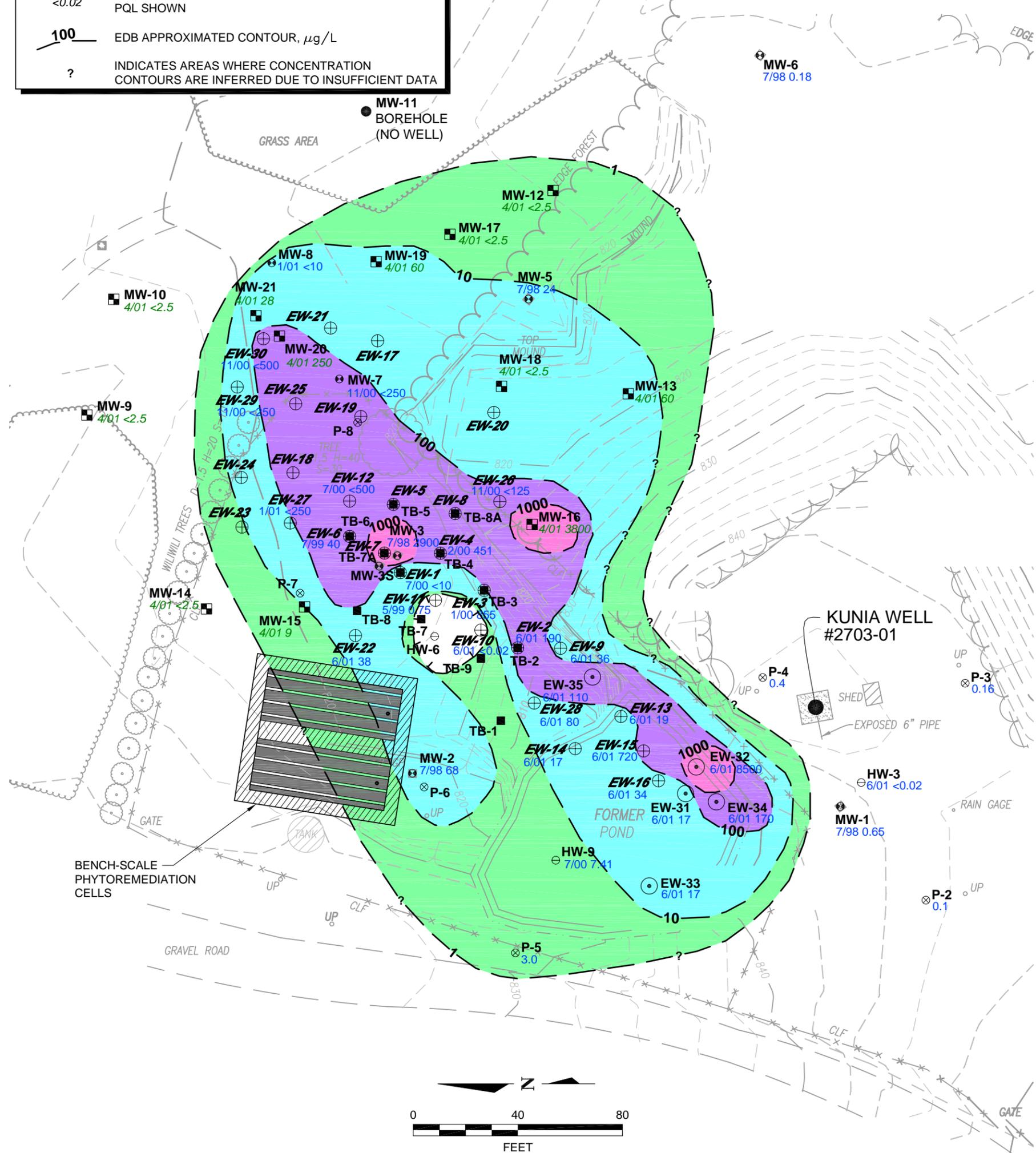
⊗ P-2	PERCHED ZONE PIEZOMETER (PIEZOMETER SAMPLES WERE COLLECTED IN MARCH 1997)
⊕ MW-4	EXISTING PERCHED ZONE MONITORING WELL
⊖ HW-9	HISTORICAL PERCHED MONITORING WELL
■ TB-5	TREATABILITY STUDY BORING
⊕ EW-4	EXISTING EXTRACTION WELL EW-1 TO EW-12 INSTALLED MAY - NOV. 1998 EW-13 TO EW-30 INSTALLED JULY 2000
⊙ EW-34	NEW EXTRACTION WELL (INSTALLED APRIL - MAY 2001)
■ MW-10	NEW PERCHED ZONE MONITORING WELL (INSTALLED APRIL - MAY 2001)
6/01 38	DATE GROUNDWATER SAMPLE WAS COLLECTED AND EDB CONCENTRATION IN $\mu\text{g/L}$
4/01 28	ESTIMATED GROUNDWATER CONCENTRATION ( $\mu\text{g/L}$ ) CALCULATED FROM SOIL SAMPLE
<0.02	NOT DETECTED PQL SHOWN
100	EDB APPROXIMATED CONTOUR, $\mu\text{g/L}$
?	INDICATES AREAS WHERE CONCENTRATION CONTOURS ARE INFERRED DUE TO INSUFFICIENT DATA

**TOTAL AREAS ENCLOSED WITHIN CONTOURS, FT<sup>2</sup>:**

1,000 $\mu\text{g/L}$	- 890
100 $\mu\text{g/L}$	- 9,842
10 $\mu\text{g/L}$	- 30,476
1 $\mu\text{g/L}$	- 50,071

**NOTES:**

- 1) CONTOUR CONCENTRATIONS ARE CONCEPTUAL AND ARE BASED ON AVAILABLE DATA POINTS.
- 2) CONTOUR CONCENTRATIONS ARE BASED UPON THE MOST RECENT PERCHED GROUNDWATER SAMPLES COLLECTED AT EACH DATA POINT, AND FROM SOIL DATA CONVERTED INTO POTENTIAL GROUNDWATER CONCENTRATIONS IN AREAS WHERE GROUNDWATER DATA WERE NOT AVAILABLE. SEE APPENDIX I OF THE RI REPORT (GOLDER 1998a) AND TABLE 4-1.
- 3) THE ABSENCE OF EDB IN SOIL SAMPLES COLLECTED FROM WELLS MW-9, MW-10 AND MW-14, COMBINED WITH THE FACT THAT PERCHED AQUIFER IS NOT PRESENT TO THE NORTH OF THESE WELLS, INDICATES THAT THE 1  $\mu\text{g/L}$  EDB CONCENTRATION CONTOUR CANNOT BE INFERRED TO EXTEND TO THE NORTH OF THESE WELLS. ALTHOUGH EDB WAS ALSO NOT DETECTED IN SOIL SAMPLES FROM WELLS MW-12 AND MW-17, THE ESTIMATED 1  $\mu\text{g/L}$  CONTOUR EXTENDS TO THE EAST BEYOND MW-12 AND MW-17, BECAUSE PERCHED GROUNDWATER DATA FROM MW-6 PROVIDES DATA TO INTERPOLATE A CONCENTRATION GRADIENT TOWARDS THE EAST.



**FIGURE 7**  
**EDB CONCENTRATION CONTOURS AT**  
**THE BASE OF THE SAPROLITES**  
 DEL MONTE/OAHU RI-FS/HI

**LEGEND:**

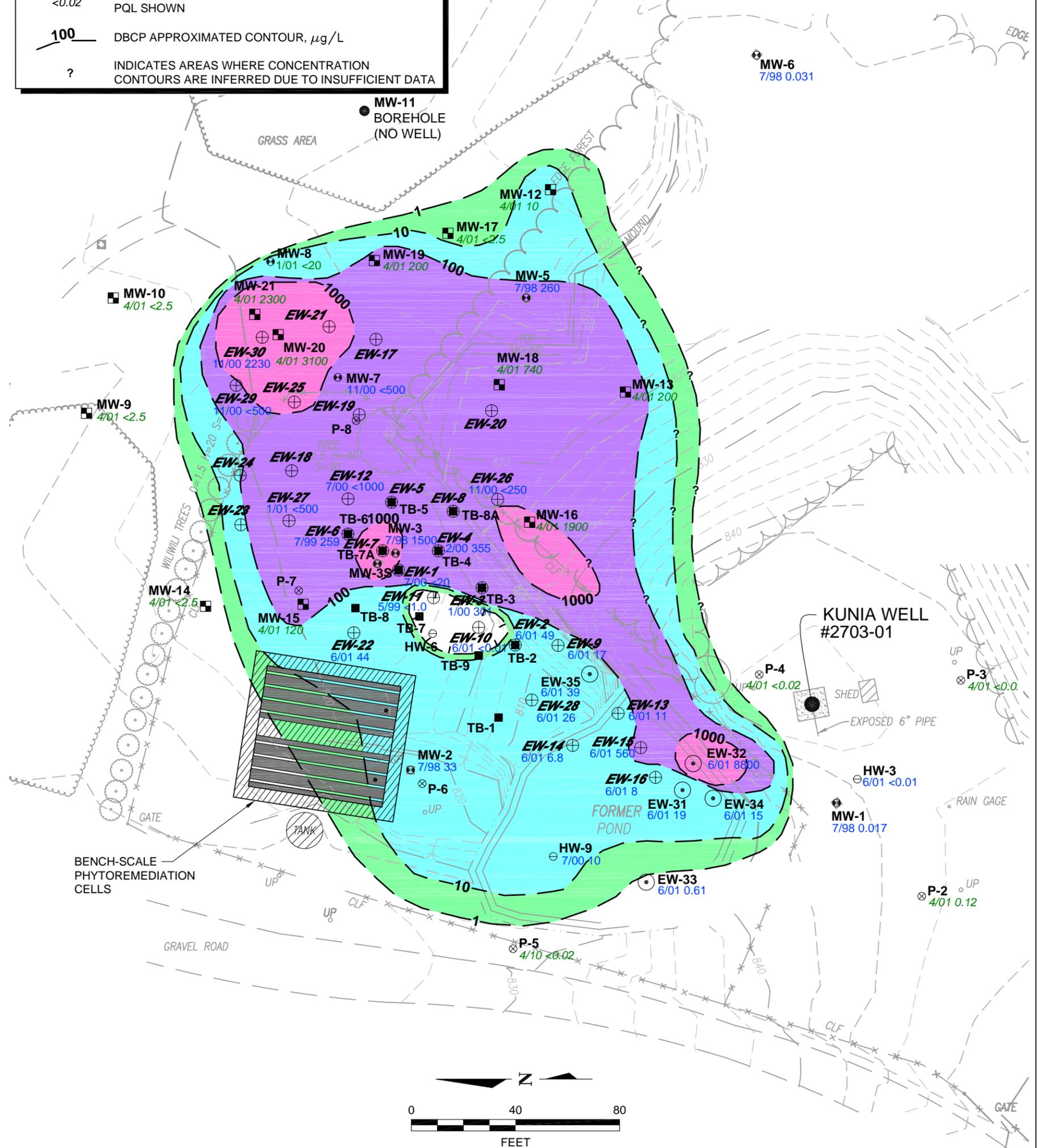
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⊙ EW-34	NEW EXTRACTION WELL (INSTALLED APRIL - MAY 2001)
■ MW-10	NEW PERCHED ZONE MONITORING WELL (INSTALLED APRIL - MAY 2001)
6/01 38	DATE GROUNDWATER SAMPLE WAS COLLECTED AND DBCP CONCENTRATION IN $\mu\text{g/L}$
4/01 28	ESTIMATED GROUNDWATER CONCENTRATION ( $\mu\text{g/L}$ ) CALCULATED FROM SOIL SAMPLE
<0.02	NOT DETECTED PQL SHOWN
100	DBCP APPROXIMATED CONTOUR, $\mu\text{g/L}$
?	INDICATES AREAS WHERE CONCENTRATION CONTOURS ARE INFERRED DUE TO INSUFFICIENT DATA

**TOTAL AREAS ENCLOSED WITHIN CONTOURS, FT<sup>2</sup>:**

1,000 $\mu\text{g/L}$	- 3,587
100 $\mu\text{g/L}$	- 21,960
10 $\mu\text{g/L}$	- 39,065
1 $\mu\text{g/L}$	- 47,061

**NOTES:**

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- 2) CONTOUR CONCENTRATIONS ARE BASED UPON THE MOST RECENT PERCHED GROUNDWATER SAMPLES COLLECTED AT EACH DATA POINT, AND FROM SOIL DATA CONVERTED INTO POTENTIAL GROUNDWATER CONCENTRATIONS IN AREAS WHERE GROUNDWATER DATA WERE NOT AVAILABLE. SEE APPENDIX I OF THE RI REPORT (GOLDER 1998a) AND TABLE 4-1.
- 3) THE ABSENCE OF DBCP IN SOIL SAMPLES COLLECTED FROM WELLS MW-9, MW-10 AND MW-14, COMBINED WITH THE FACT THAT THE PERCHED AQUIFER IS NOT PRESENT TO THE NORTH OF THESE WELLS, INDICATES THAT THE 1  $\mu\text{g/L}$  DBCP CONCENTRATION CONTOUR CANNOT BE INFERRED TO EXTEND TO THE NORTH OF THESE WELLS. ALTHOUGH DBCP WAS ALSO NOT DETECTED IN SOIL SAMPLES FROM WELL MW-17, THE ESTIMATED 1  $\mu\text{g/L}$  CONTOUR EXTENDS TO THE EAST BEYOND MW-17, BECAUSE PERCHED GROUNDWATER DATA FROM MW-6 PROVIDES DATA TO INTERPOLATE A CONCENTRATION GRADIENT TOWARDS THE EAST.



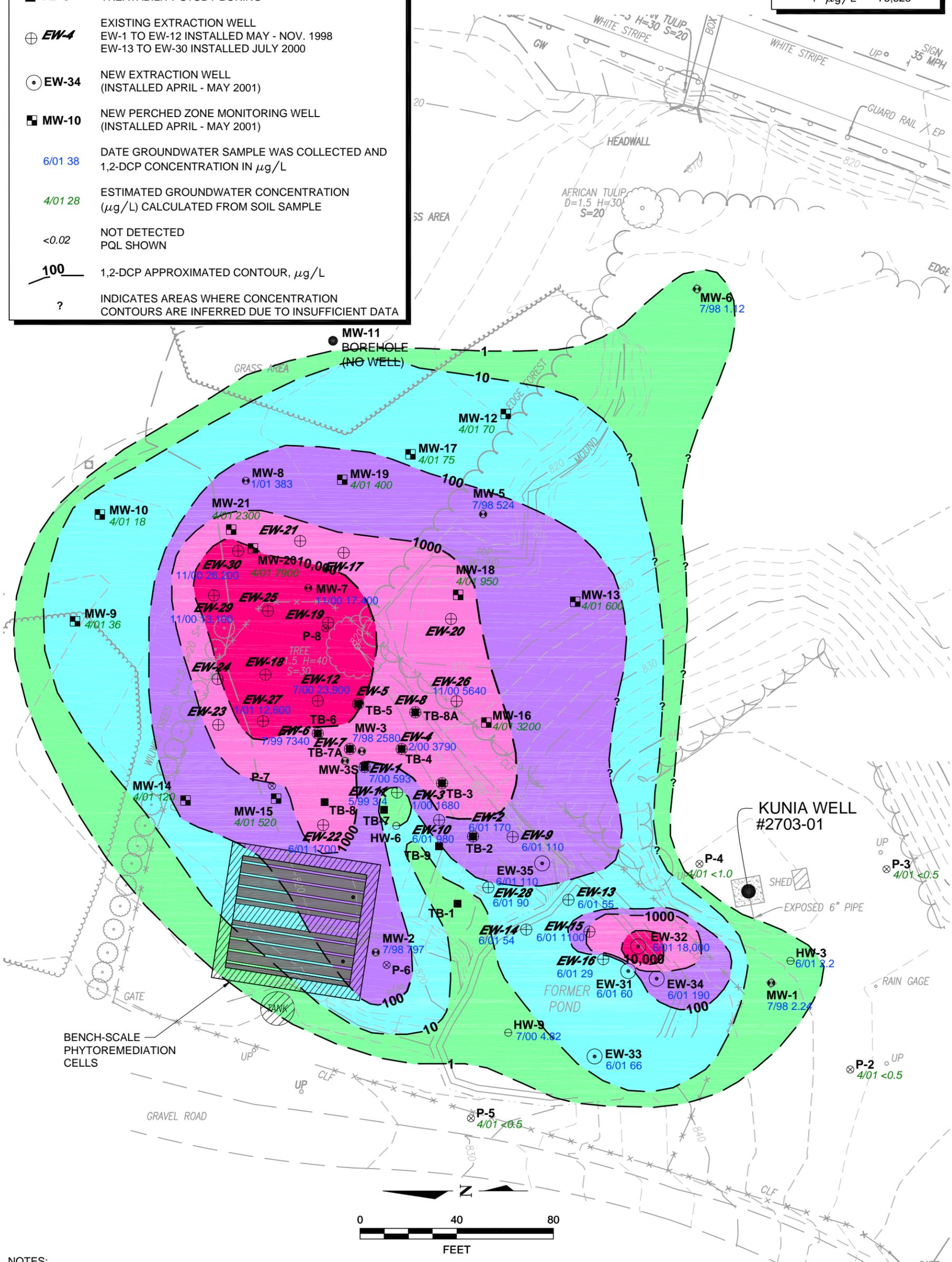
**FIGURE 8**  
**DBCP CONCENTRATION CONTOURS AT**  
**THE BASE OF THE SAPROLITES**  
 DEL MONTE/OAHU RI-FS/HI

**LEGEND:**

⊗ P-2	PERCHED ZONE PIEZOMETER (PIEZOMETER SAMPLES WERE COLLECTED IN MARCH 1997)
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⊙ EW-34	NEW EXTRACTION WELL (INSTALLED APRIL - MAY 2001)
■ MW-10	NEW PERCHED ZONE MONITORING WELL (INSTALLED APRIL - MAY 2001)
6/01 38	DATE GROUNDWATER SAMPLE WAS COLLECTED AND 1,2-DCP CONCENTRATION IN $\mu\text{g/L}$
4/01 28	ESTIMATED GROUNDWATER CONCENTRATION ( $\mu\text{g/L}$ ) CALCULATED FROM SOIL SAMPLE
<0.02	NOT DETECTED PQL SHOWN
100	1,2-DCP APPROXIMATED CONTOUR, $\mu\text{g/L}$
?	INDICATES AREAS WHERE CONCENTRATION CONTOURS ARE INFERRED DUE TO INSUFFICIENT DATA

**TOTAL AREAS ENCLOSED WITHIN CONTOURS, FT<sup>2</sup>:**

10,000 $\mu\text{g/L}$	- 4,760
1,000 $\mu\text{g/L}$	- 14,773
100 $\mu\text{g/L}$	- 33,249
10 $\mu\text{g/L}$	- 58,104
1 $\mu\text{g/L}$	- 75,528



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**FIGURE 9**  
**1,2-DICHLOROPROPANE CONCENTRATION CONTOURS AT THE BASE OF THE SAPROLITES**  
 DEL MONTE/OAHU RI-FS/HI