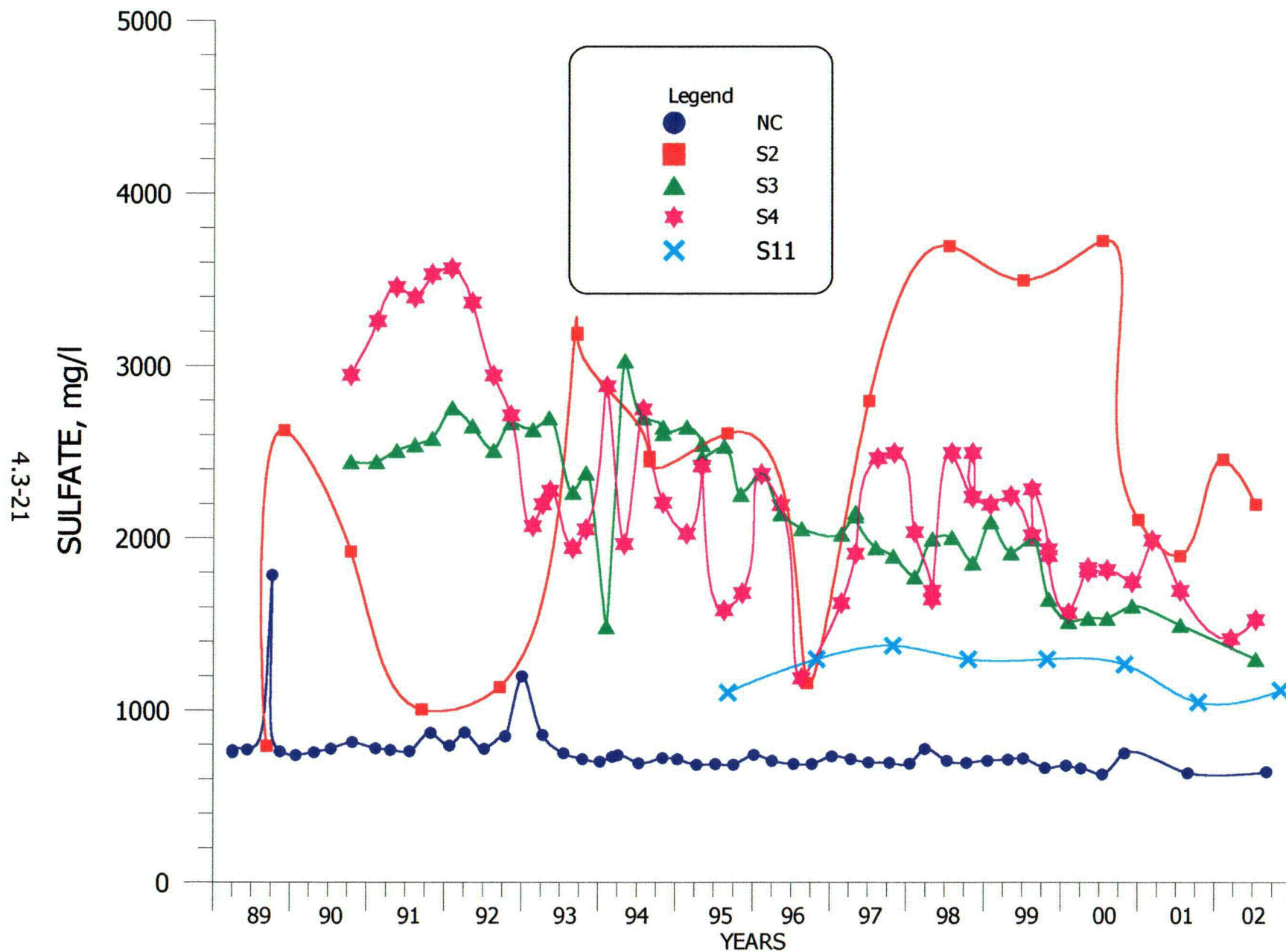
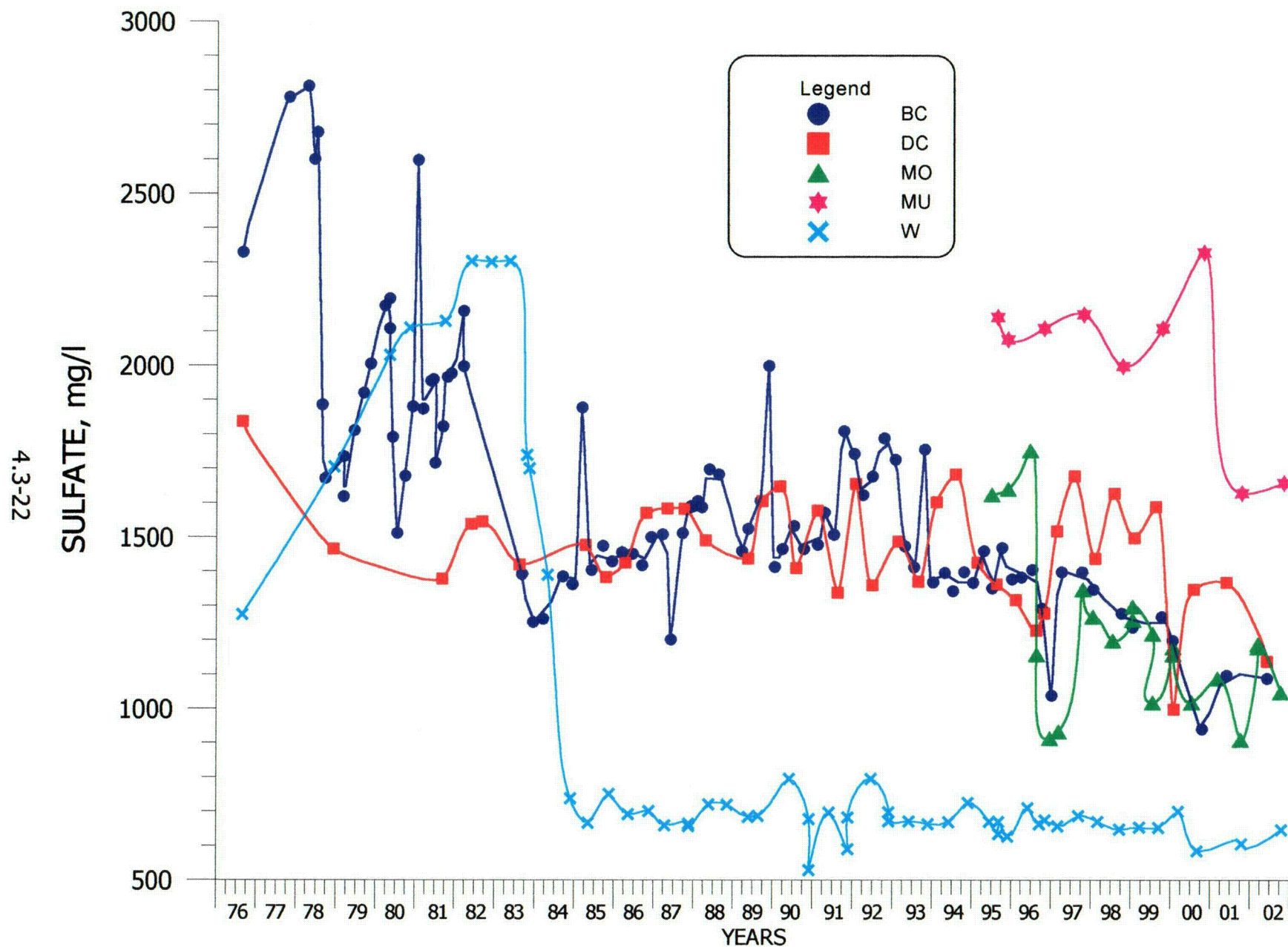


**FIGURE 4.3-3. SULFATE CONCENTRATIONS FOR WELLS DD, ND, P, P4, Q AND R.**

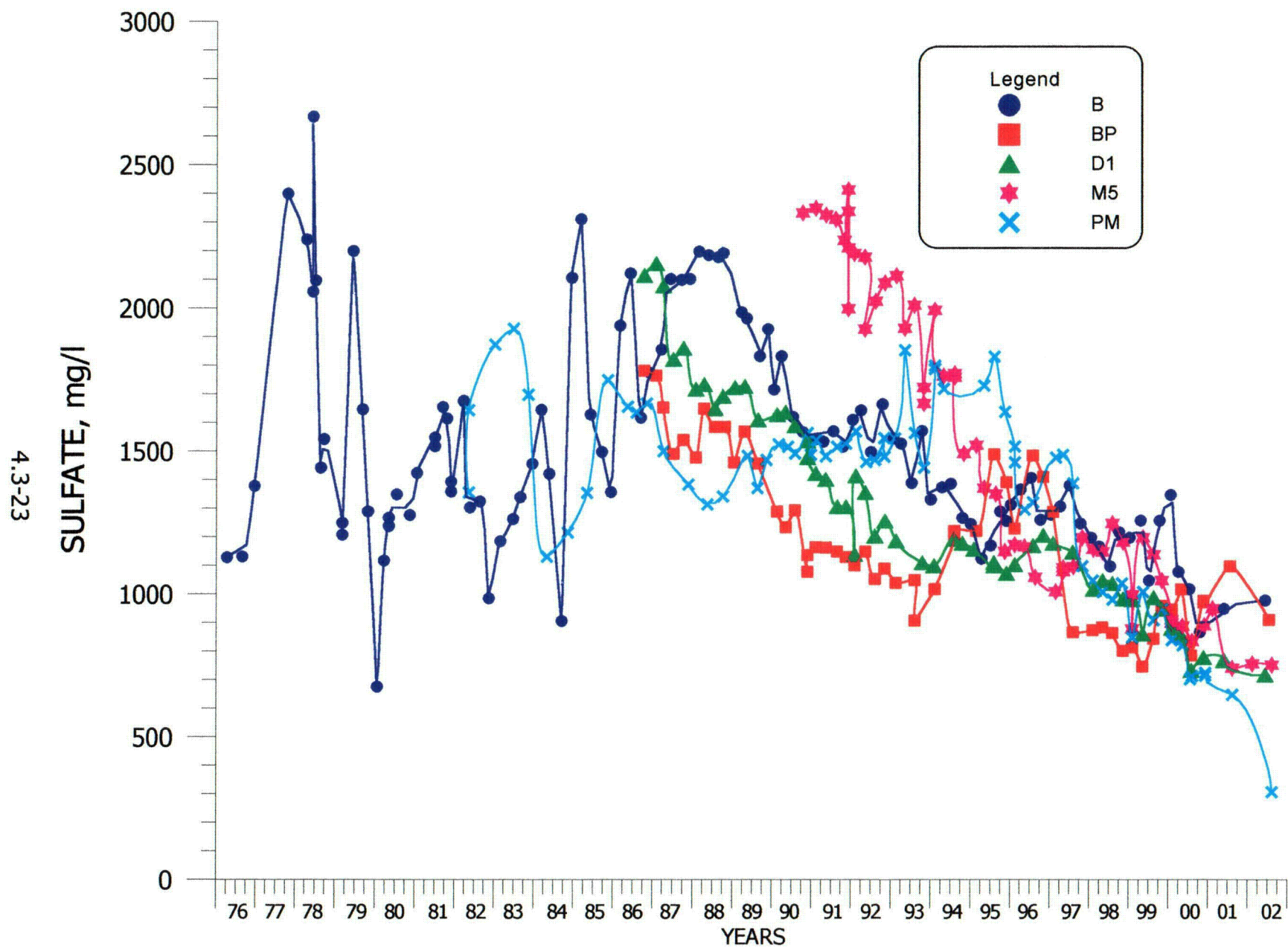


**FIGURE 4.3-4. SULFATE CONCENTRATIONS FOR WELLS NC, S2, S3, S4 AND S11.**



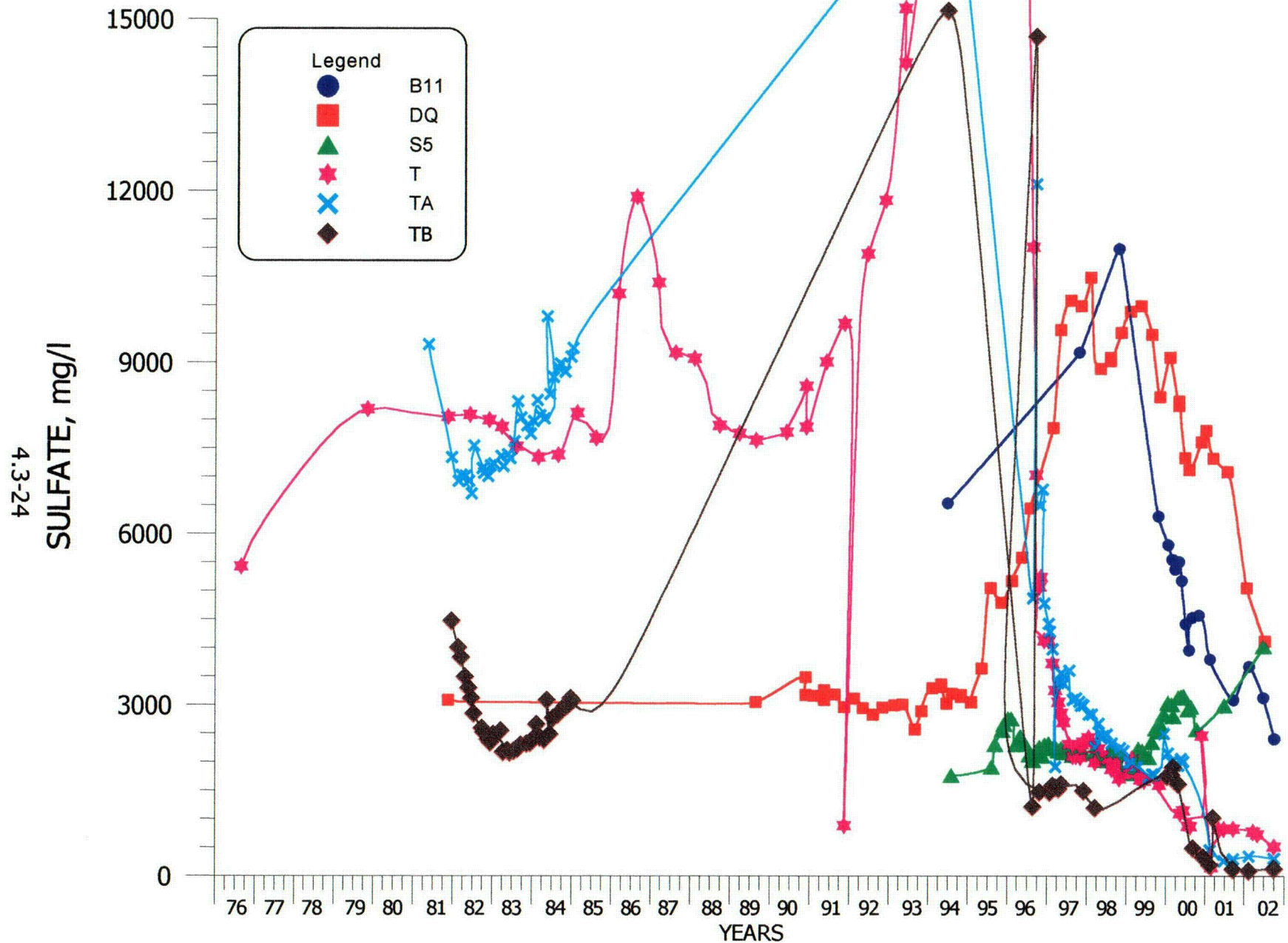
**FIGURE 4.3-5. SULFATE CONCENTRATIONS FOR WELLS BC, DC, MO, MU AND W.**



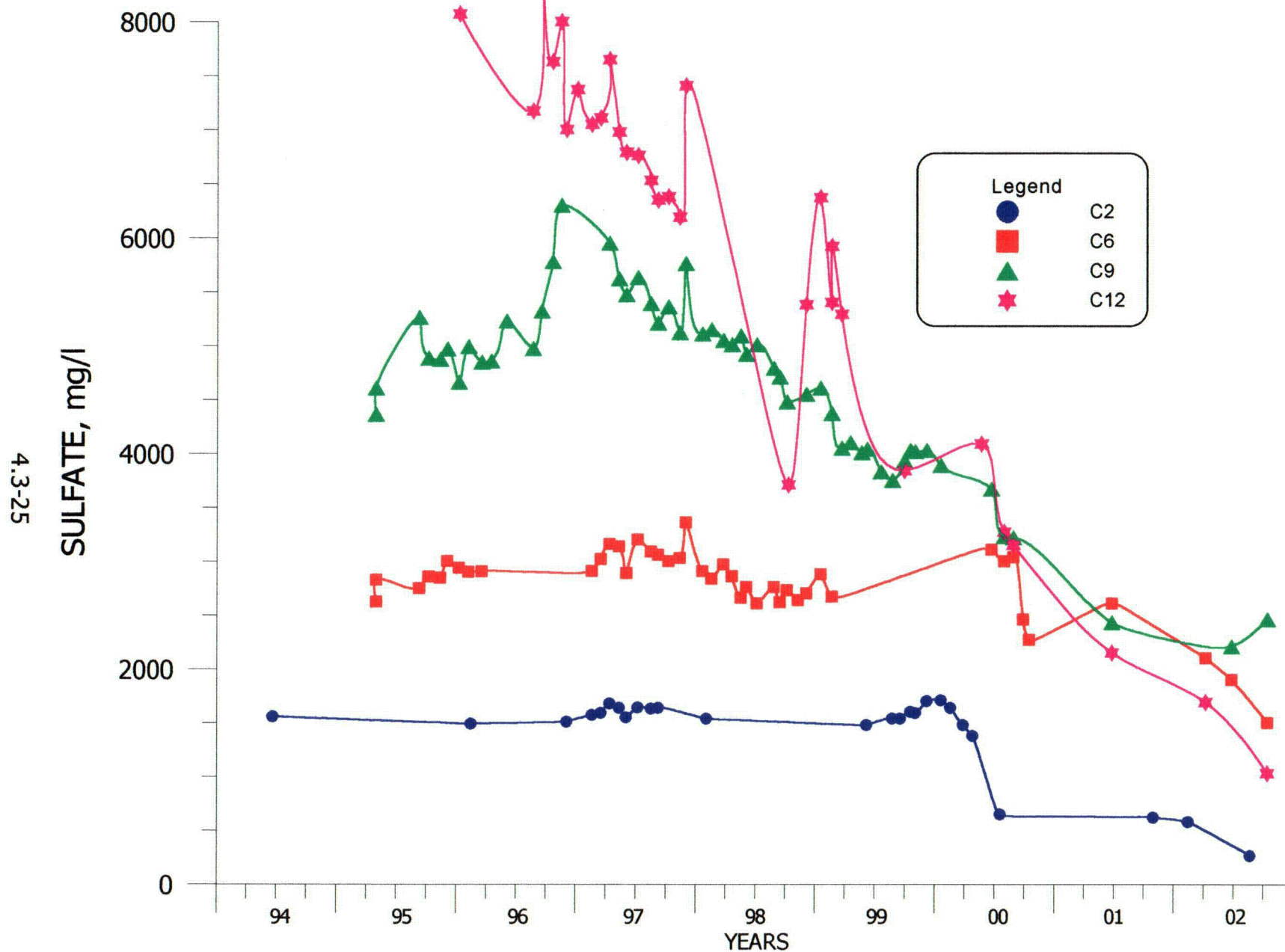


**FIGURE 4.3-6. SULFATE CONCENTRATIONS FOR WELLS B, BP, D1, M5 AND PM.**



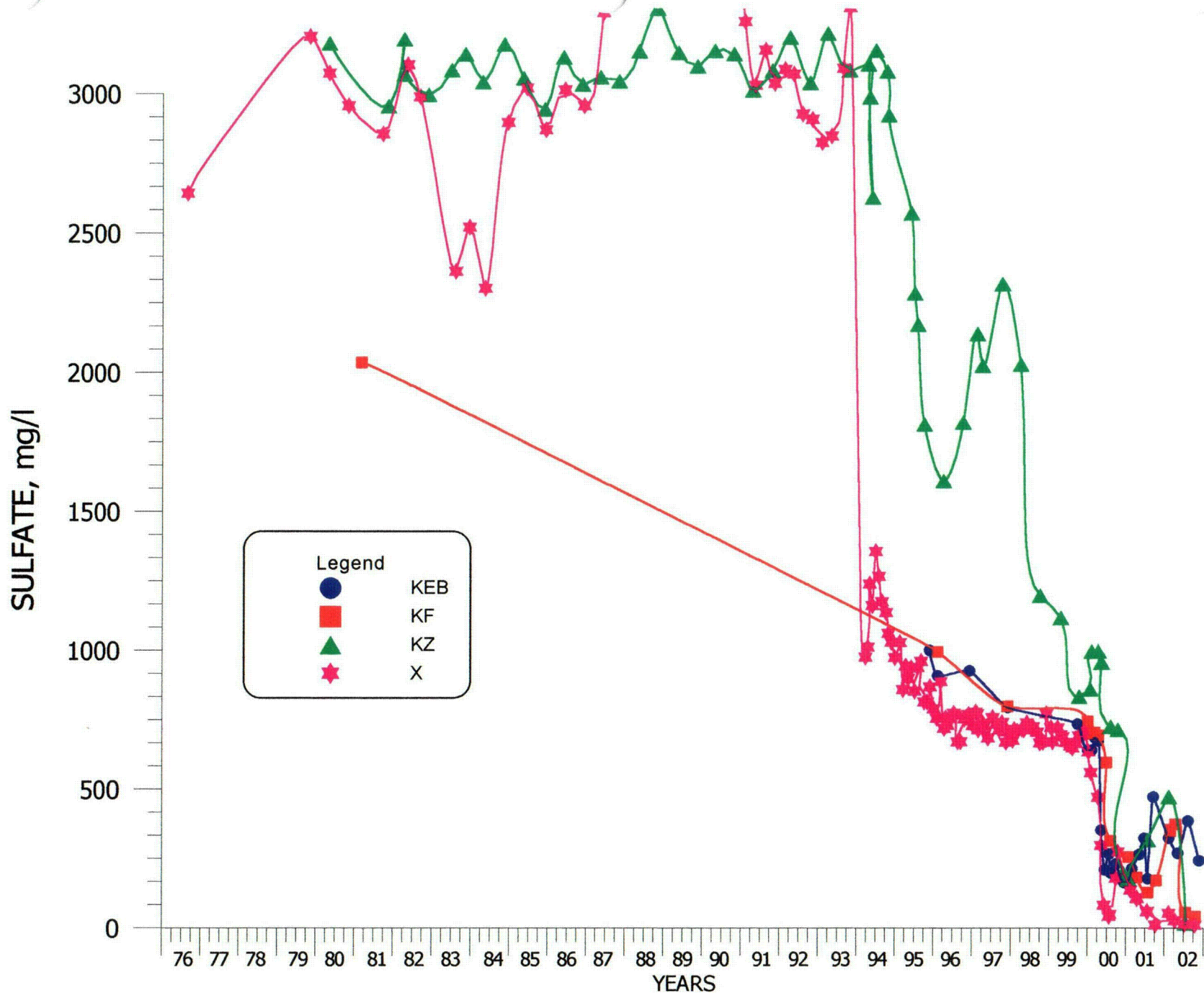


**FIGURE 4.3-7. SULFATE CONCENTRATIONS FOR WELLS B11, DQ, S5, T, TA AND TB.**



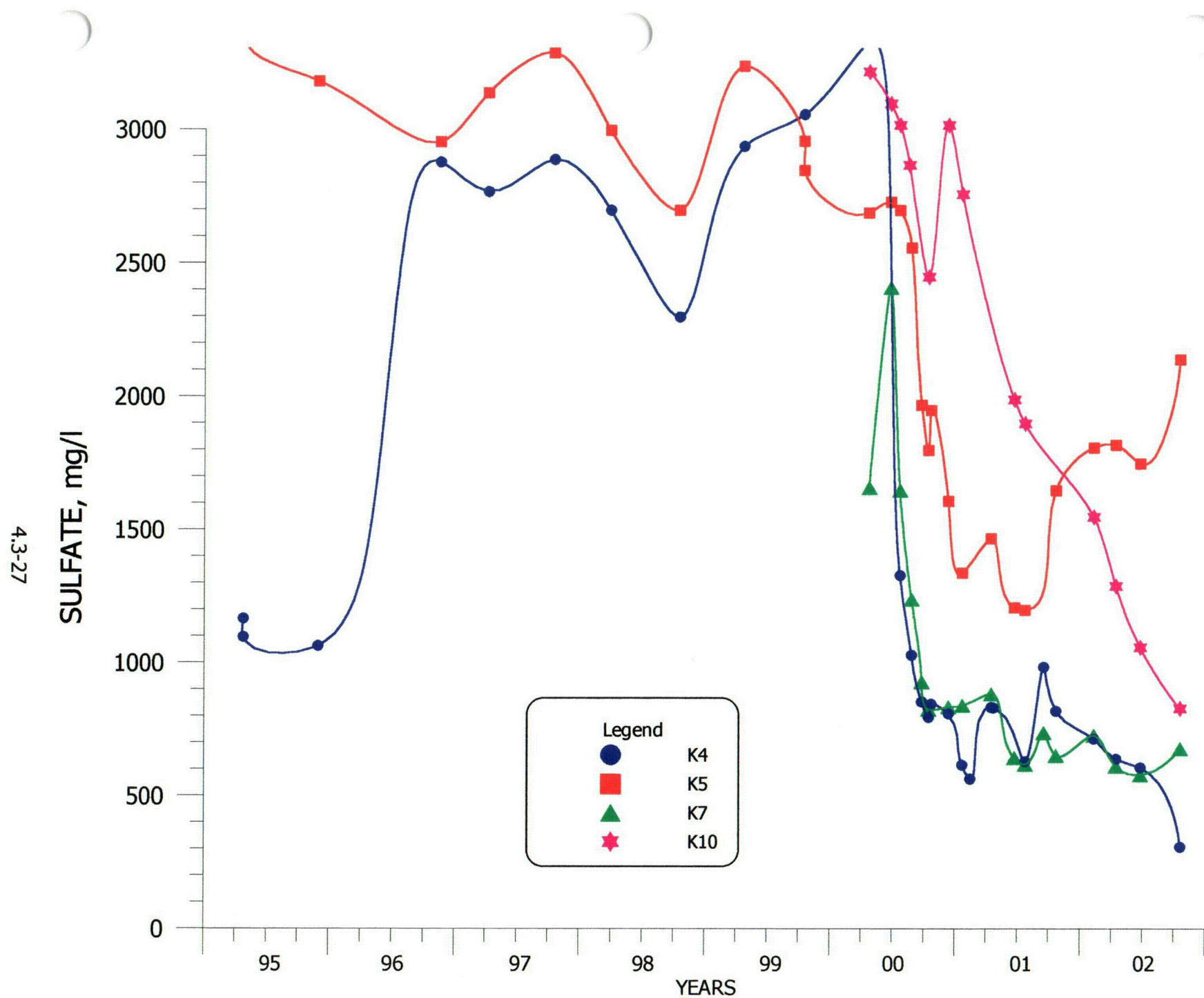
**FIGURE 4.3-8. SULFATE CONCENTRATIONS FOR WELLS C2, C6, C9 AND C12.**

4.3-26



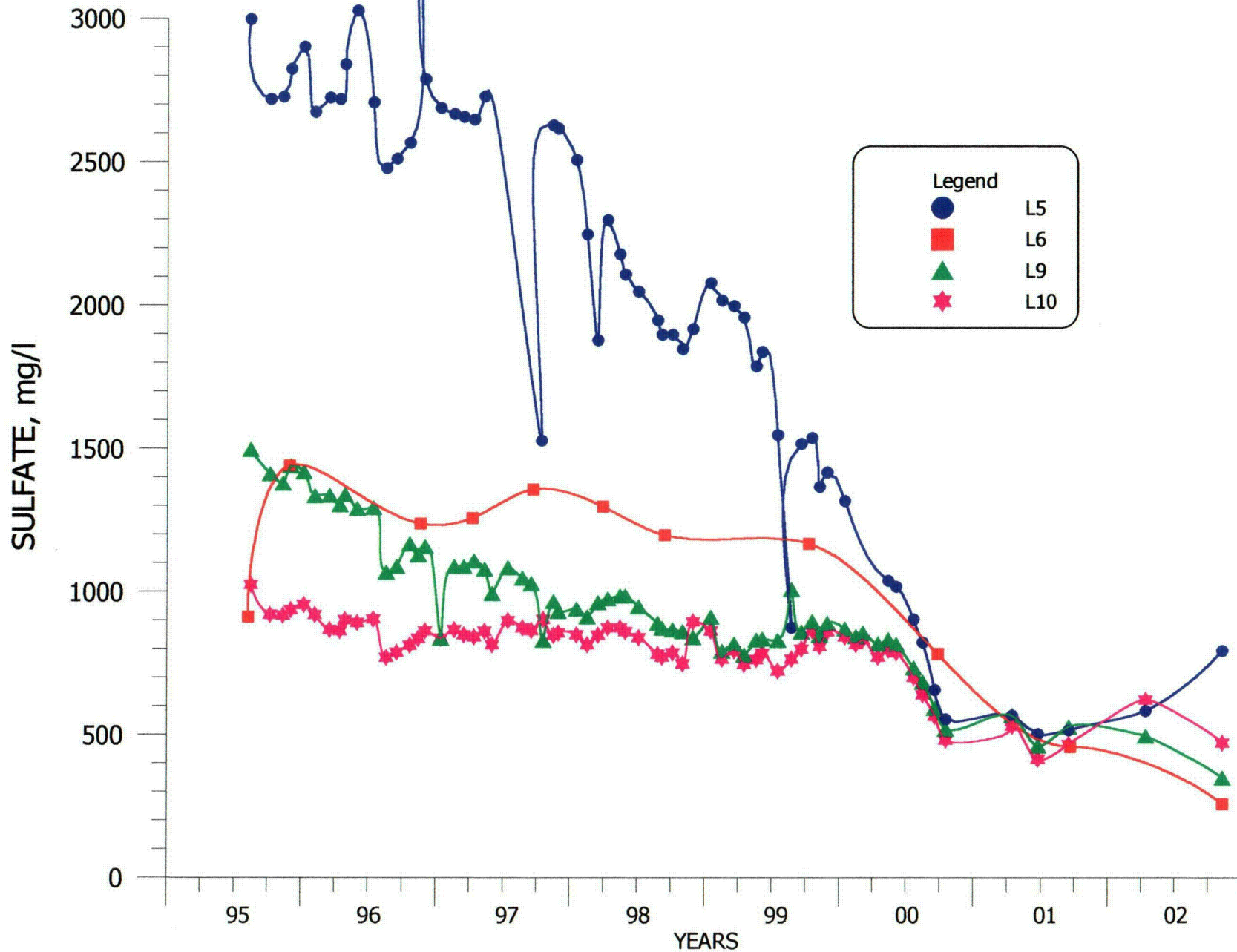
**FIGURE 4.3-9. SULFATE CONCENTRATIONS FOR WELLS KEB, KF, KZ AND X.**



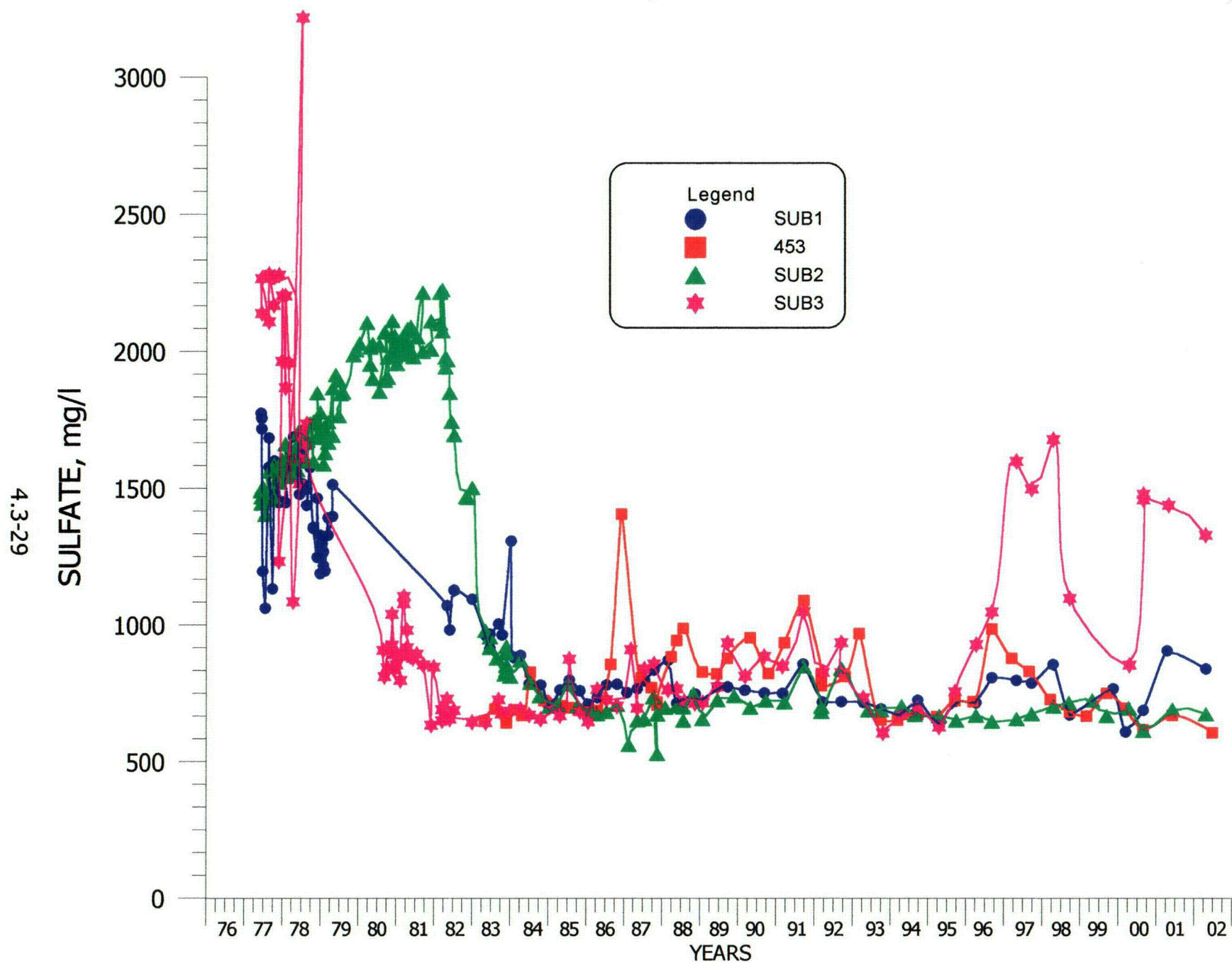


**FIGURE 4.3-10. SULFATE CONCENTRATIONS FOR WELLS K4, K5, K7 AND K10.**

4.3-28

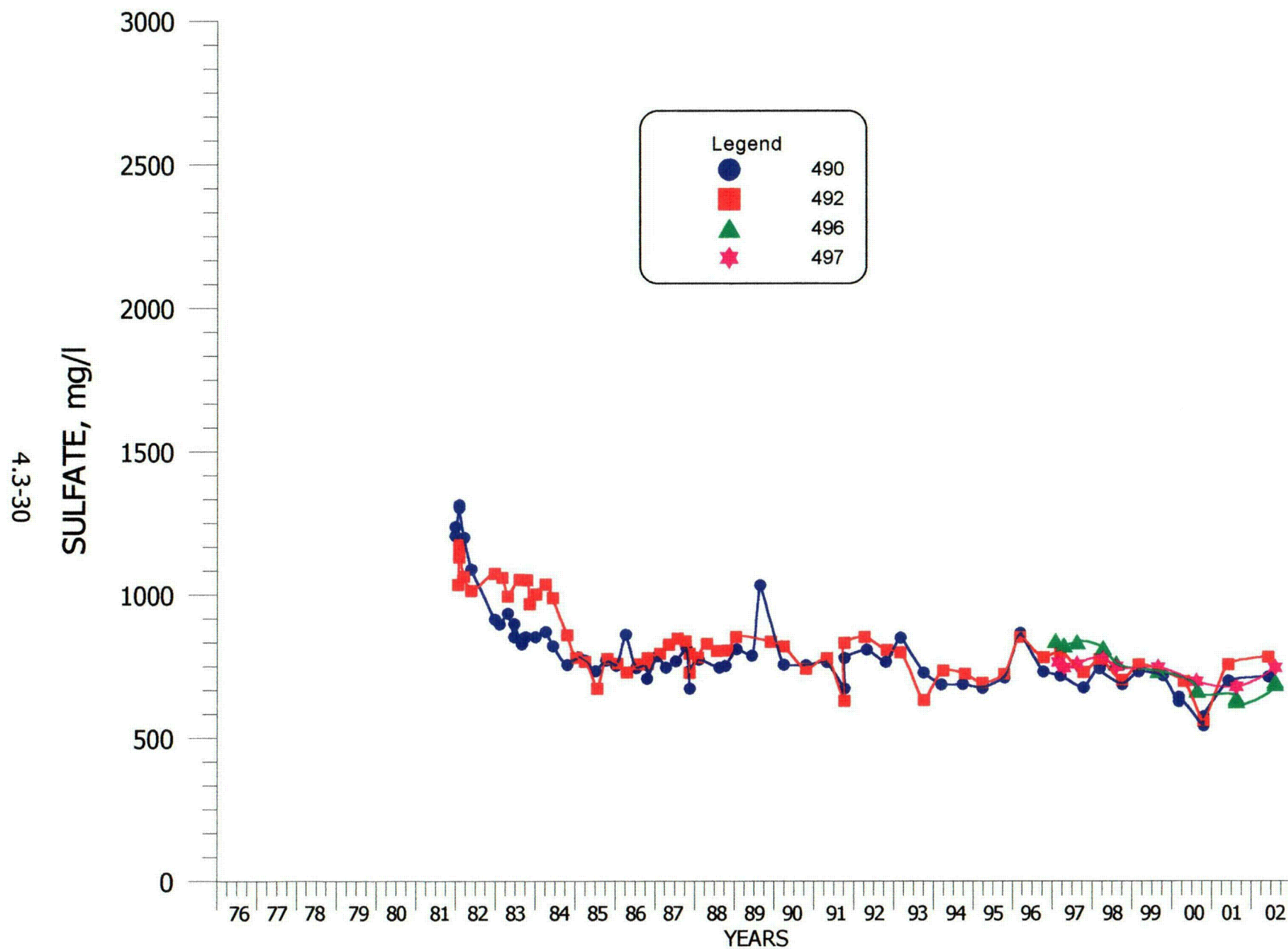


**FIGURE 4.3-11. SULFATE CONCENTRATIONS FOR WELLS L5, L6, L9 AND L10.**

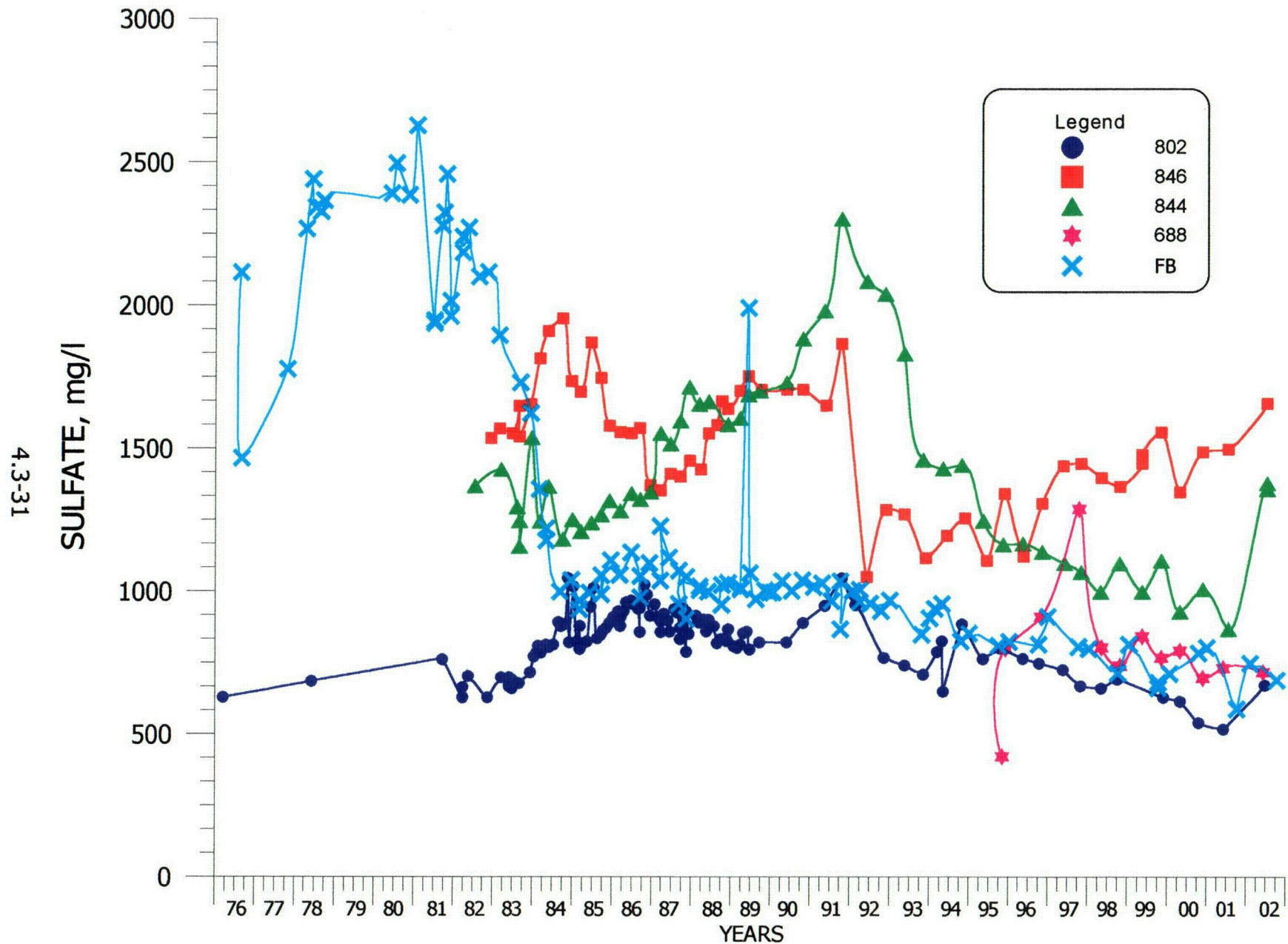


**FIGURE 4.3-12. SULFATE CONCENTRATIONS FOR WELLS SUB1, 453, SUB2 AND SUB3.**

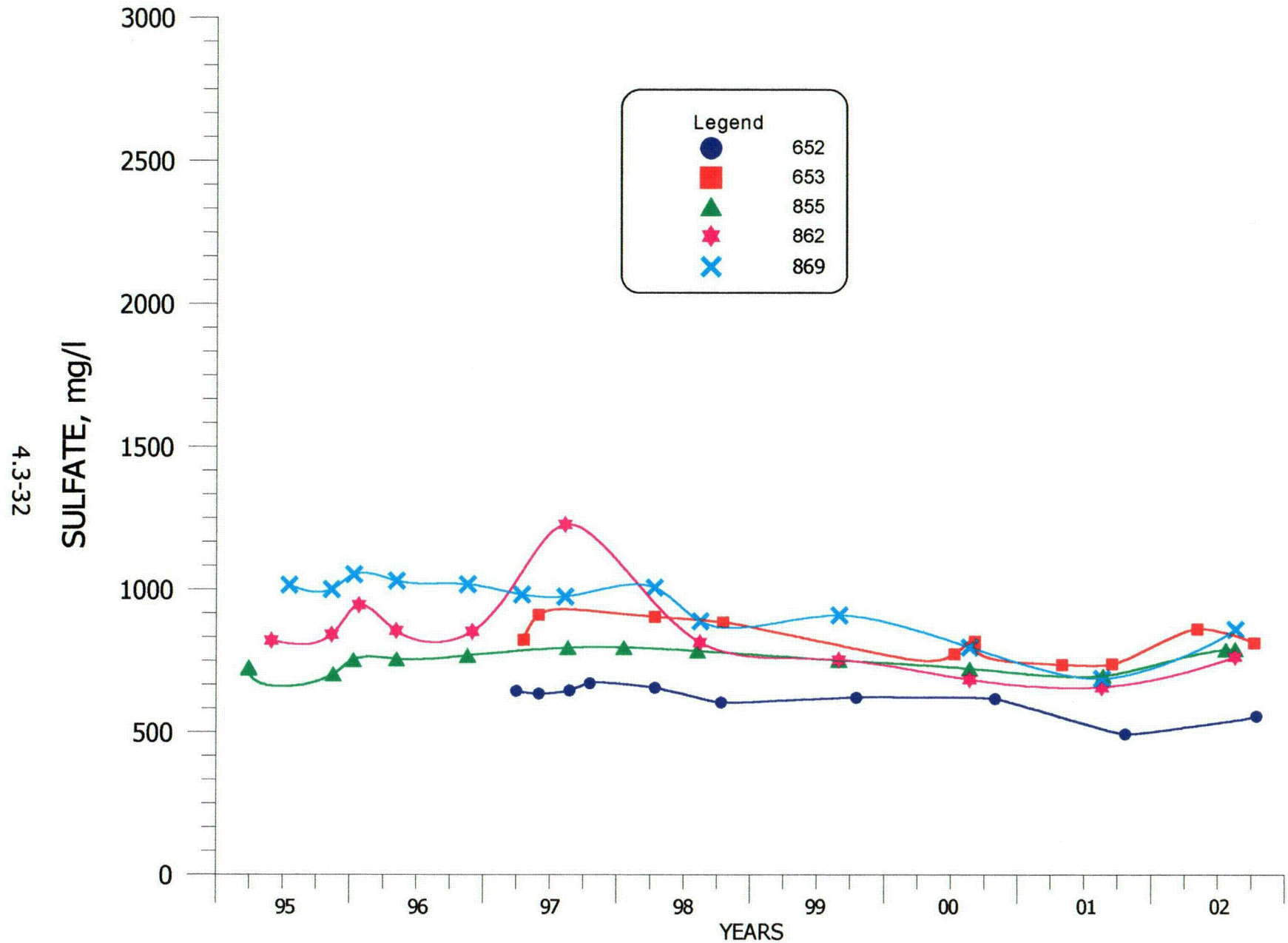




**FIGURE 4.3-13. SULFATE CONCENTRATIONS FOR WELLS 490, 492, 496 AND 497.**

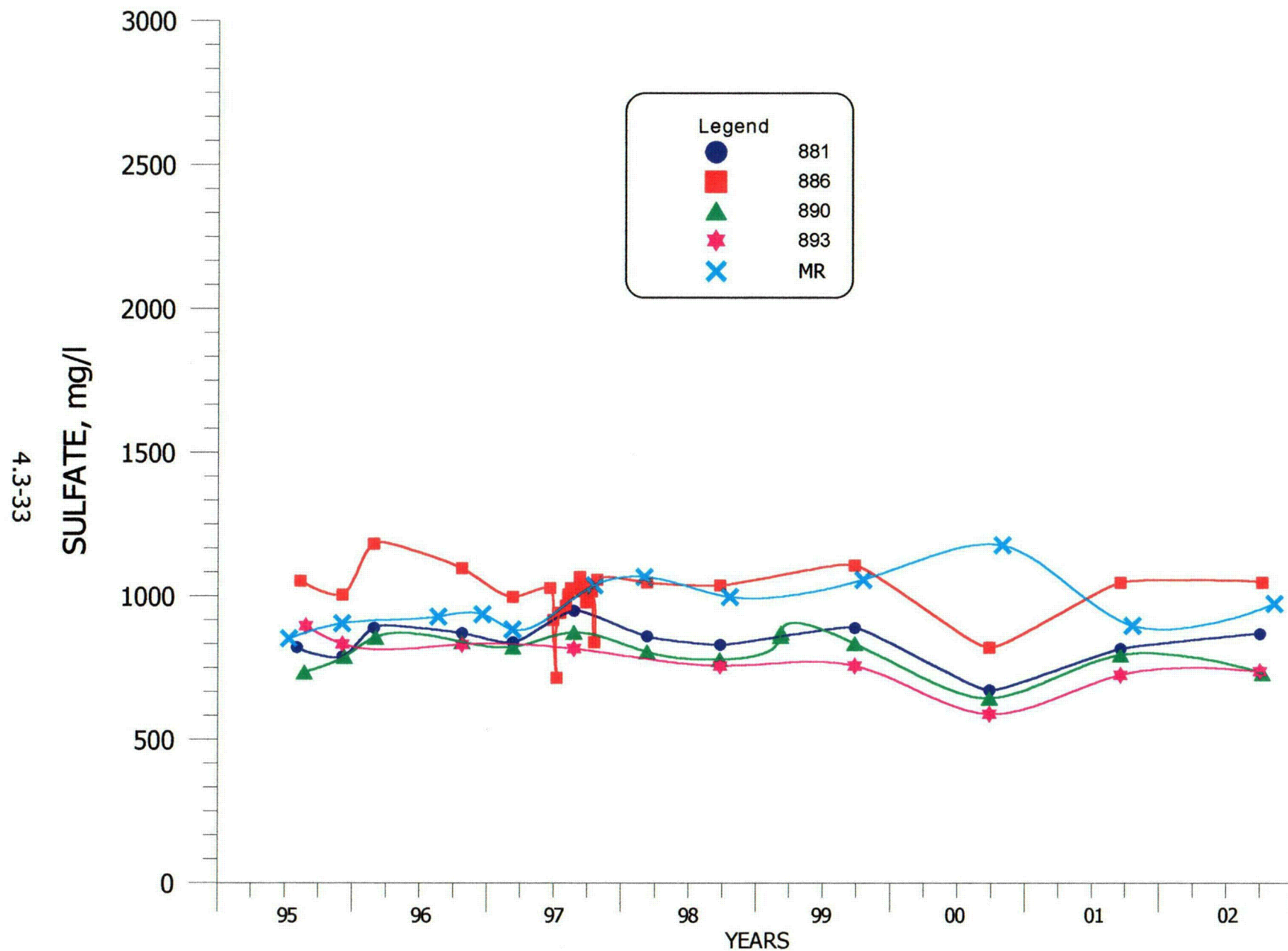


**FIGURE 4.3-14. SULFATE CONCENTRATIONS FOR WELLS 802, 846, 844, 688 AND FB.**

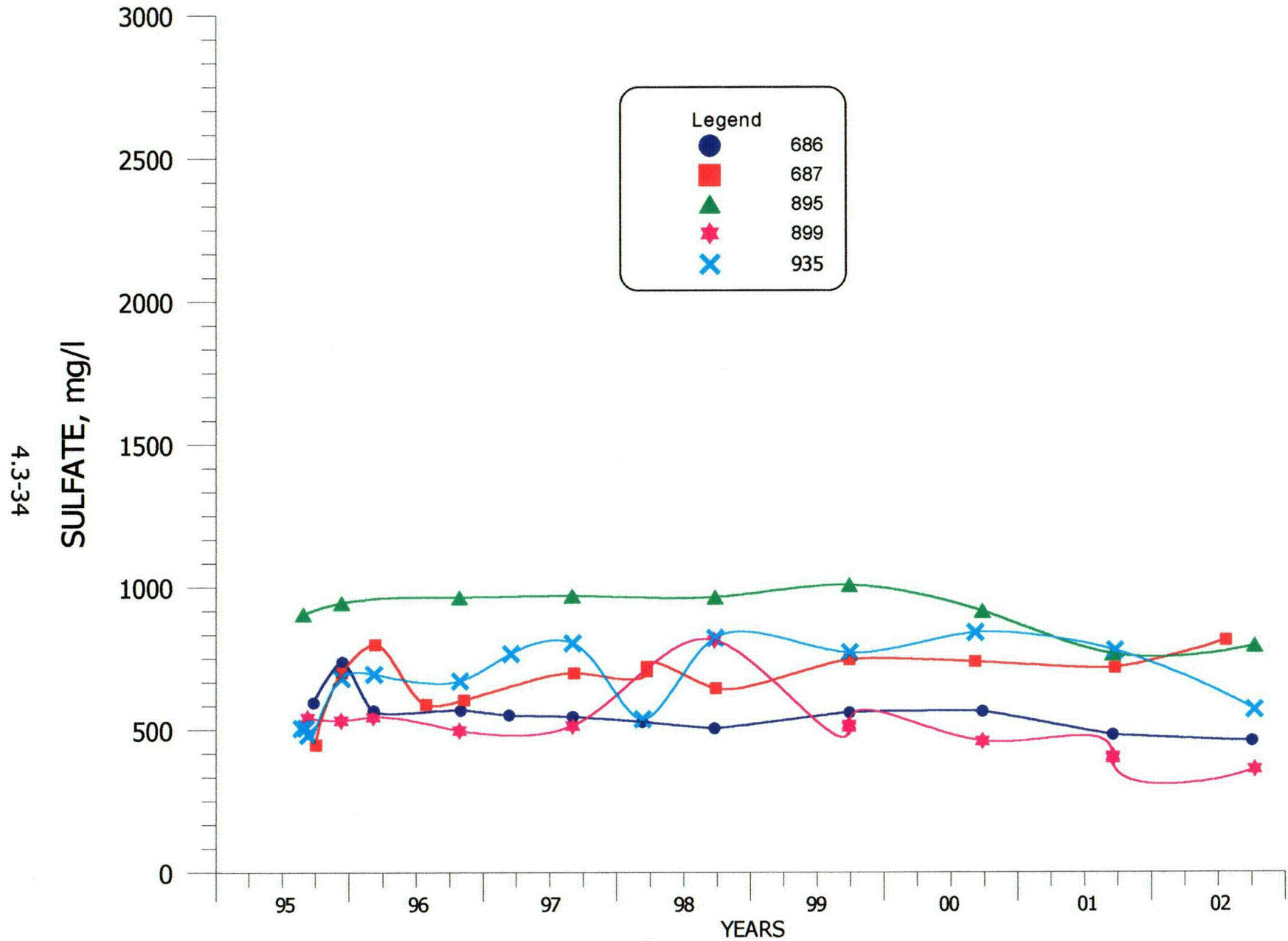


**FIGURE 4.3-15. SULFATE CONCENTRATIONS FOR WELLS 652, 653, 855, 862 AND 869.**

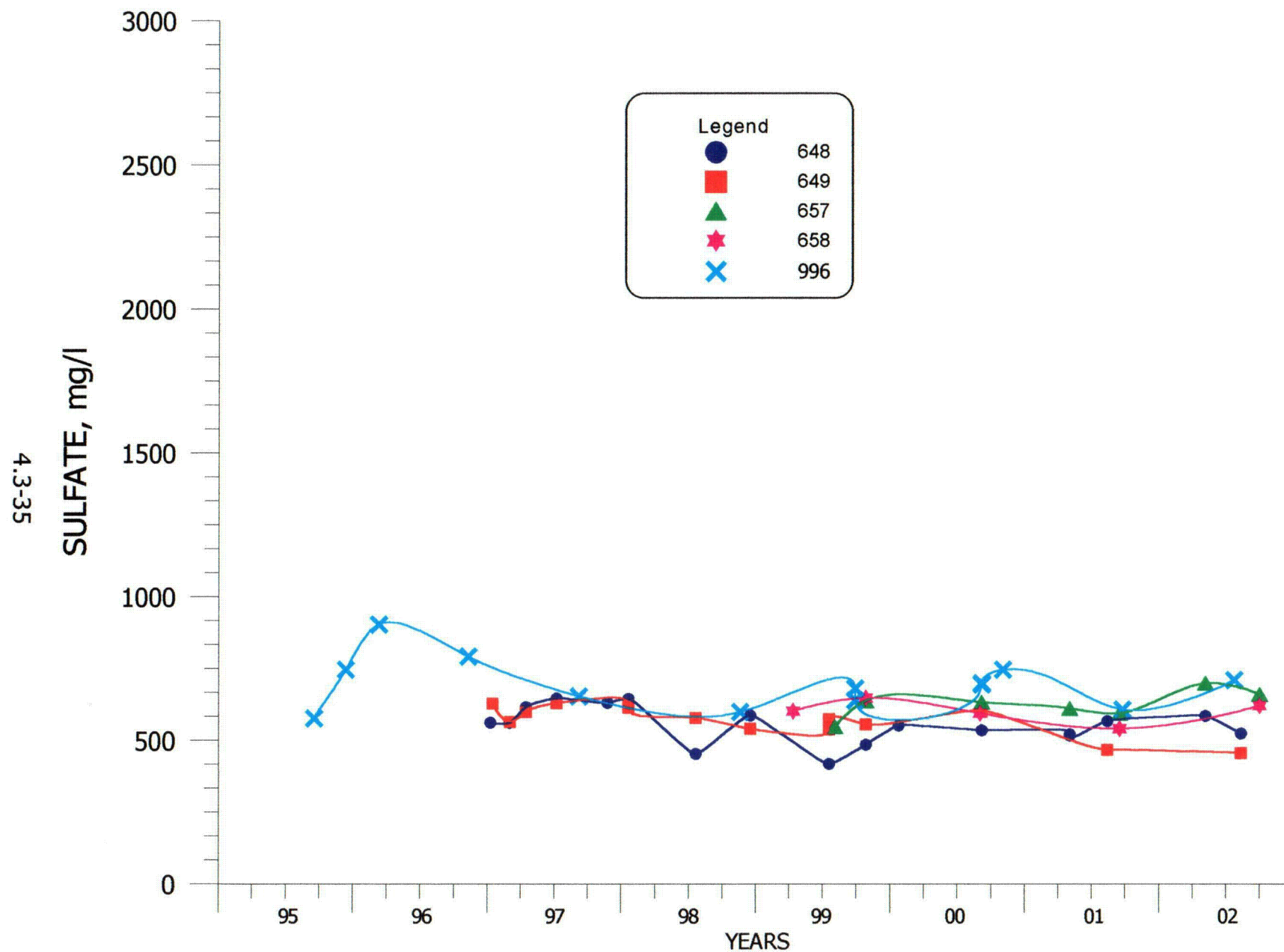




**FIGURE 4.3-16. SULFATE CONCENTRATIONS FOR WELLS 881, 886, 890, 893 AND MR.**



**FIGURE 4.3-17. SULFATE CONCENTRATIONS FOR WELLS 686, 687, 895, 899 AND 935.**



**FIGURE 4.3-18. SULFATE CONCENTRATIONS FOR WELLS 648, 649, 657, 658 AND 996.**



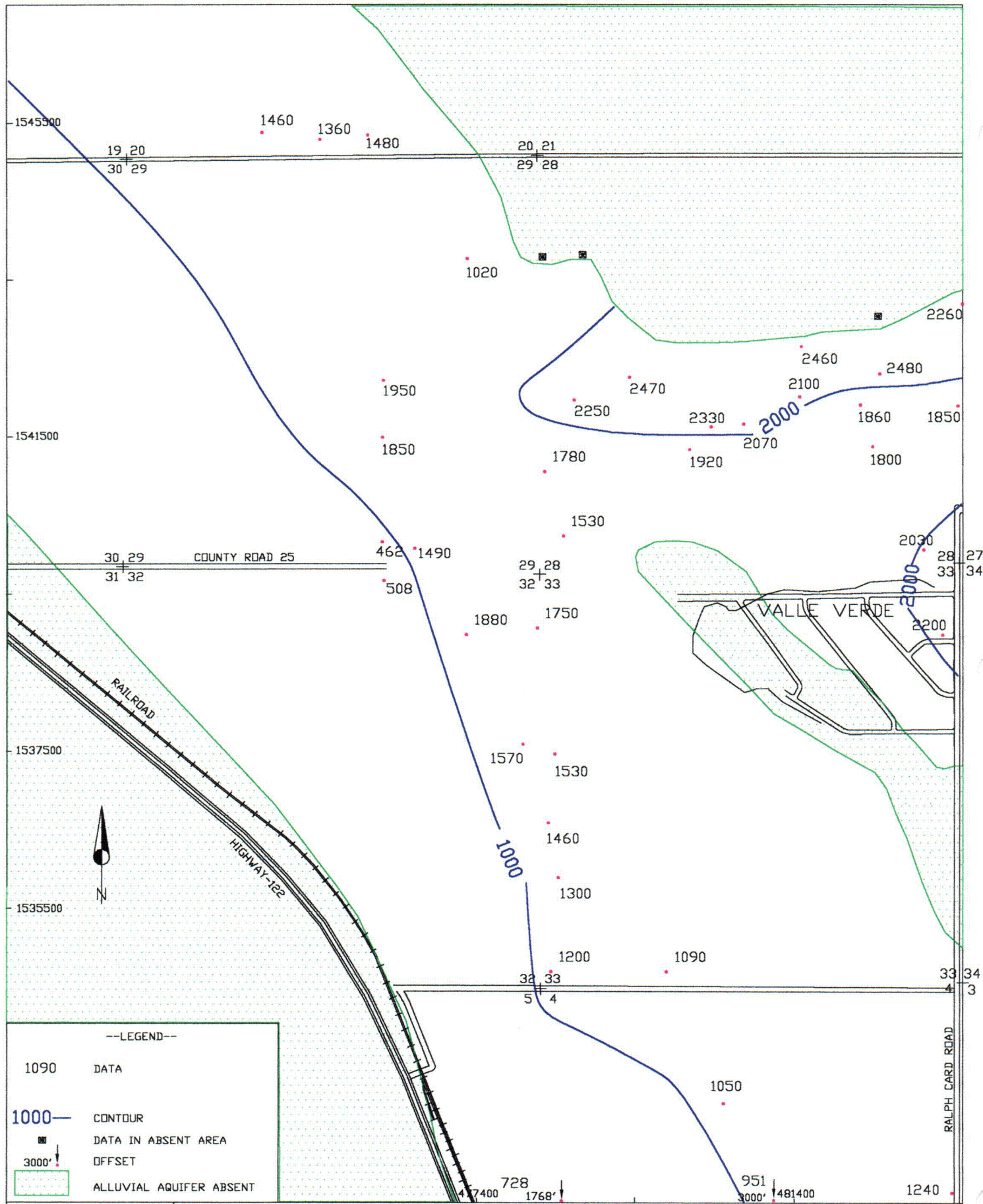


FIGURE 4.3-19A. TDS CONCENTRATIONS FOR THE ALLUVIAL AQUIFER (WEST AREA), FALL 2002, mg/l



TDS BACKGROUND  
2002 (370-2700 mg/l)

SIGNIFICANT CONC. = 3060 mg/l  
STATE SITE STAND. = 1770 mg/l

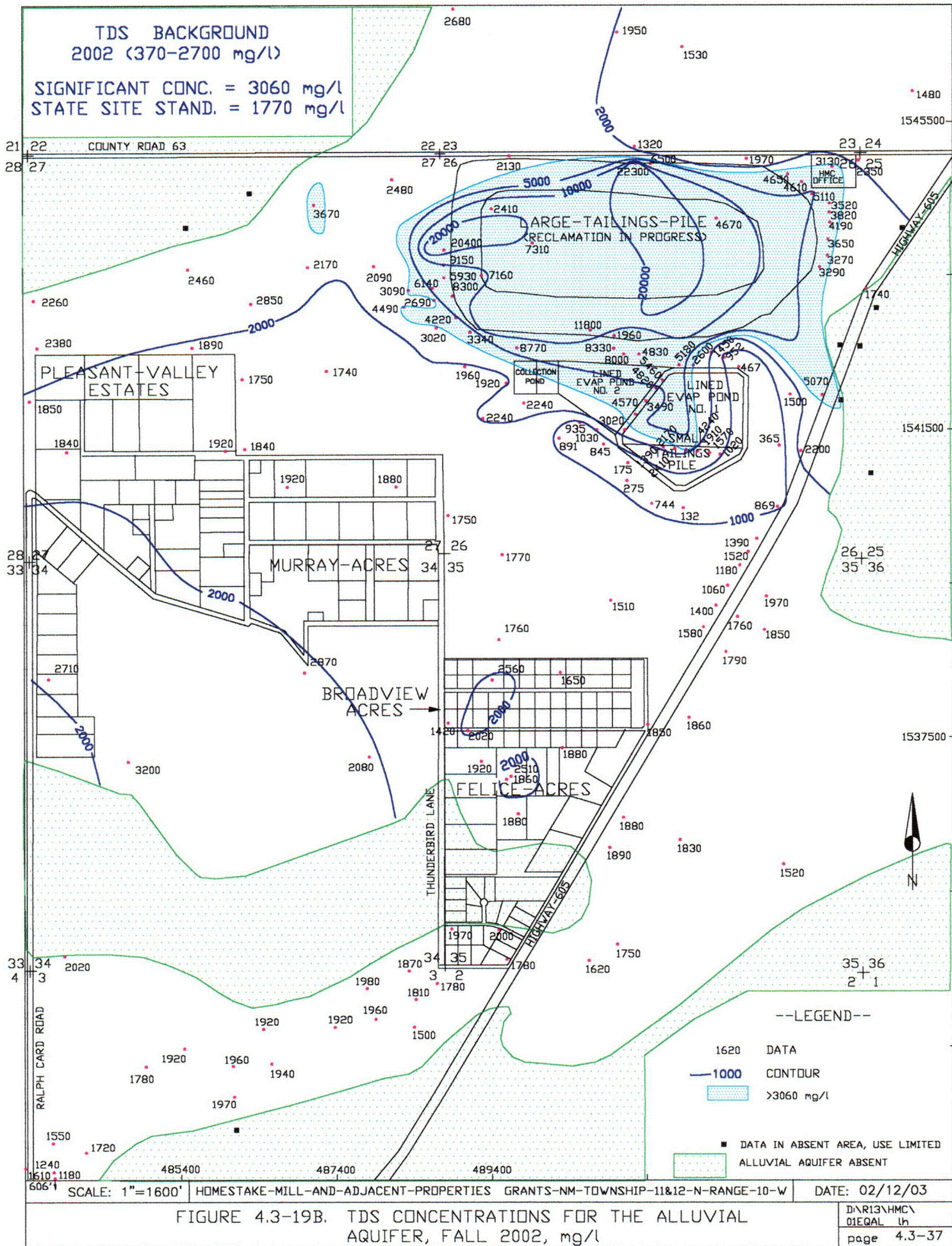
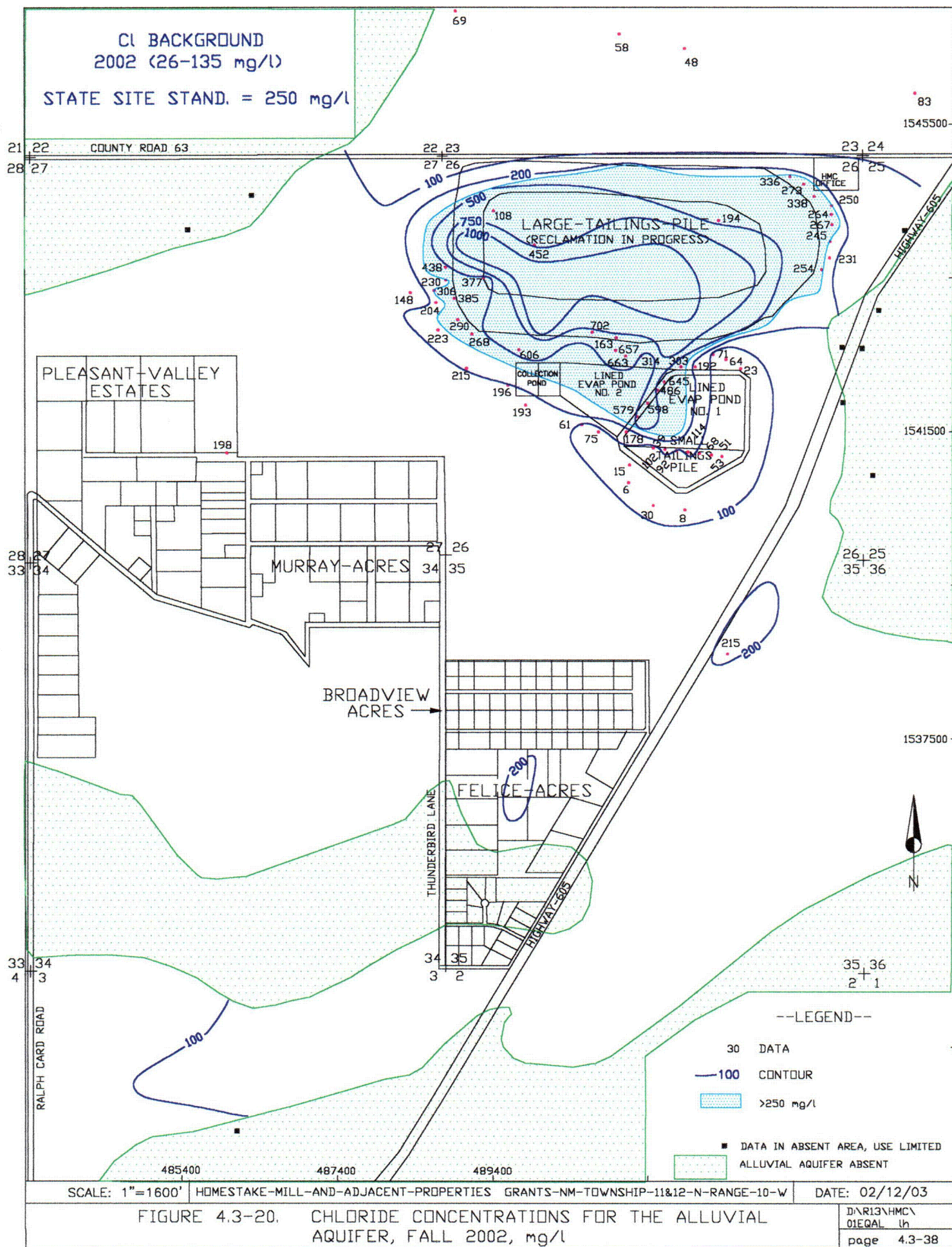


FIGURE 4.3-19B. TDS CONCENTRATIONS FOR THE ALLUVIAL AQUIFER, FALL 2002, mg/l

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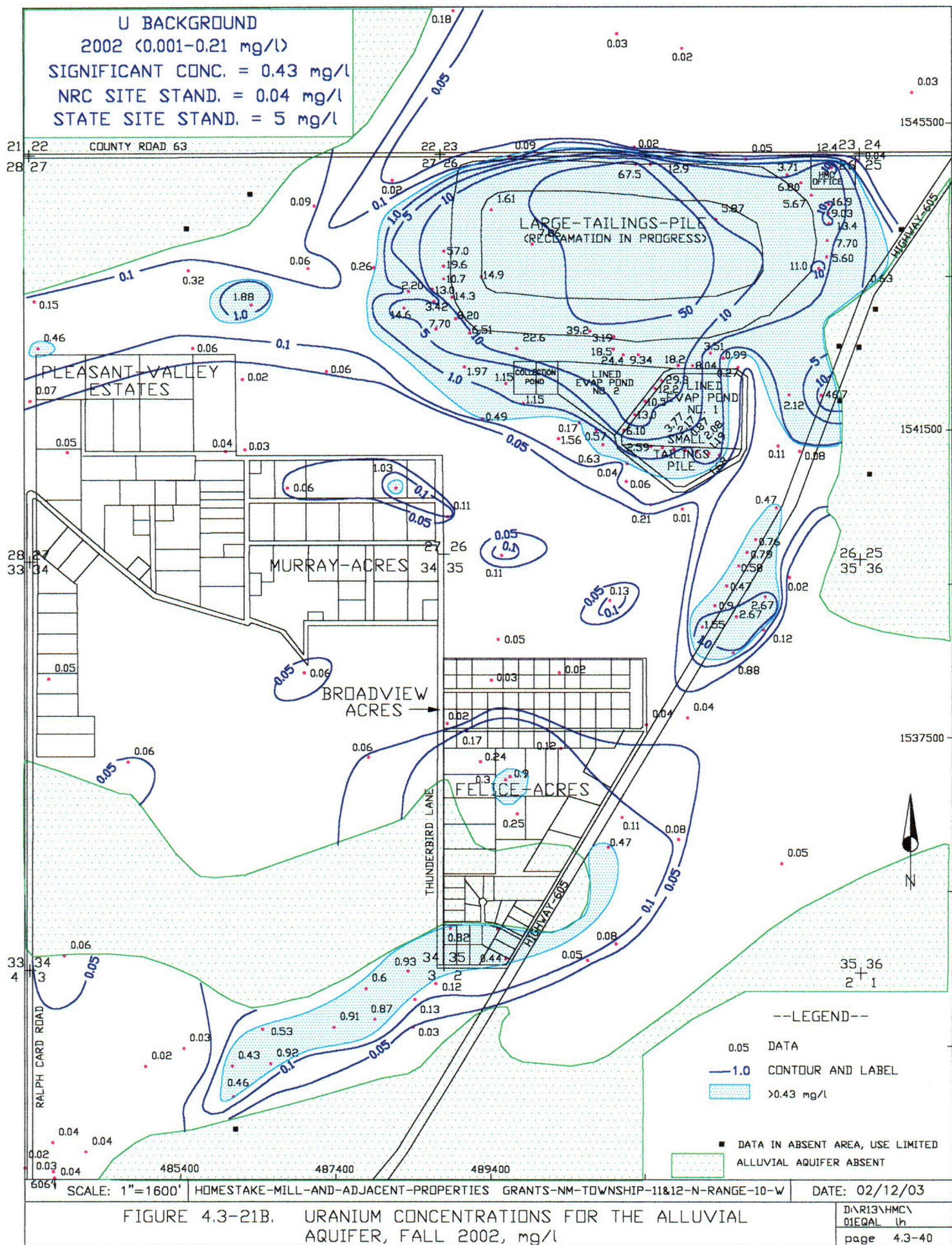






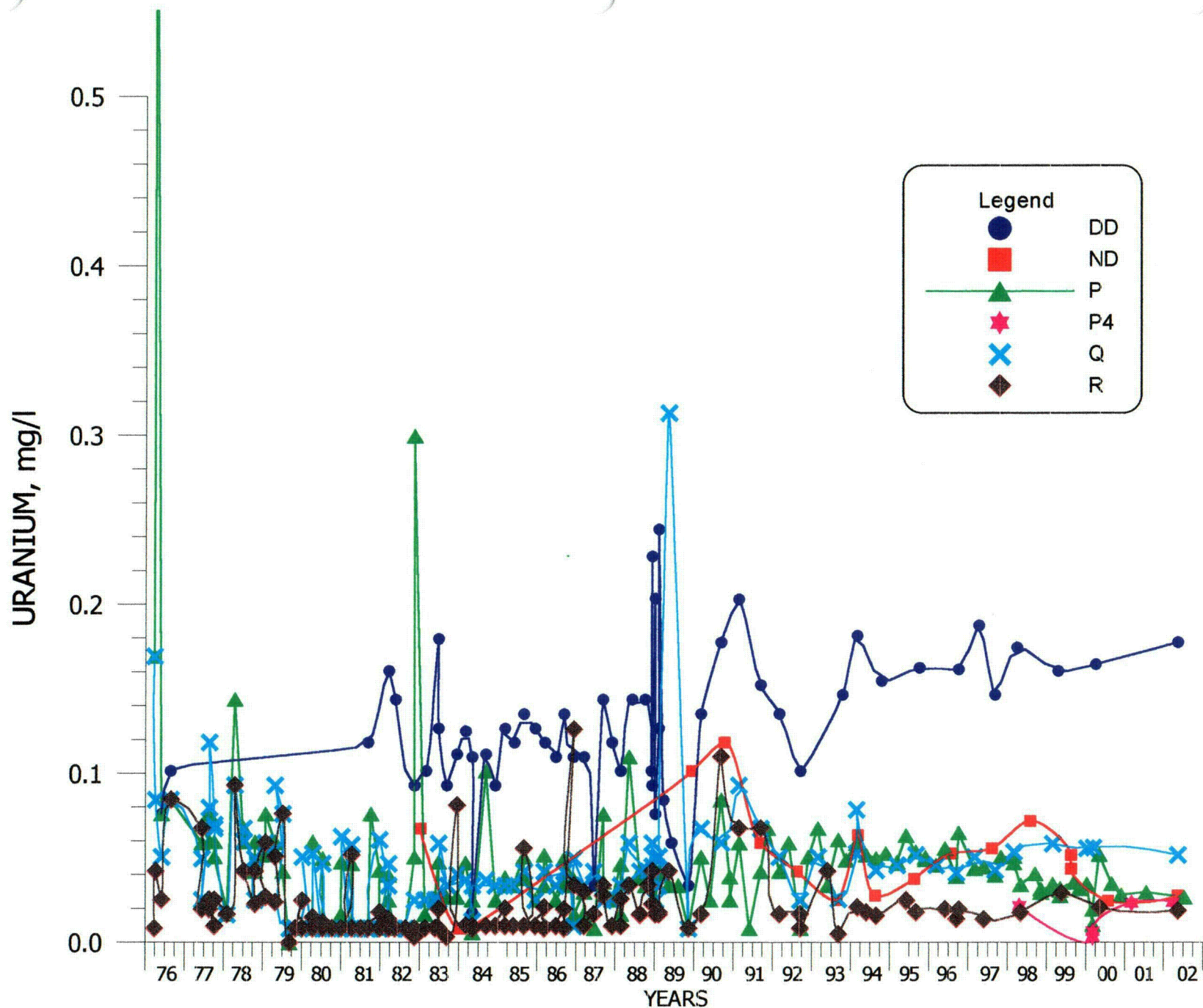








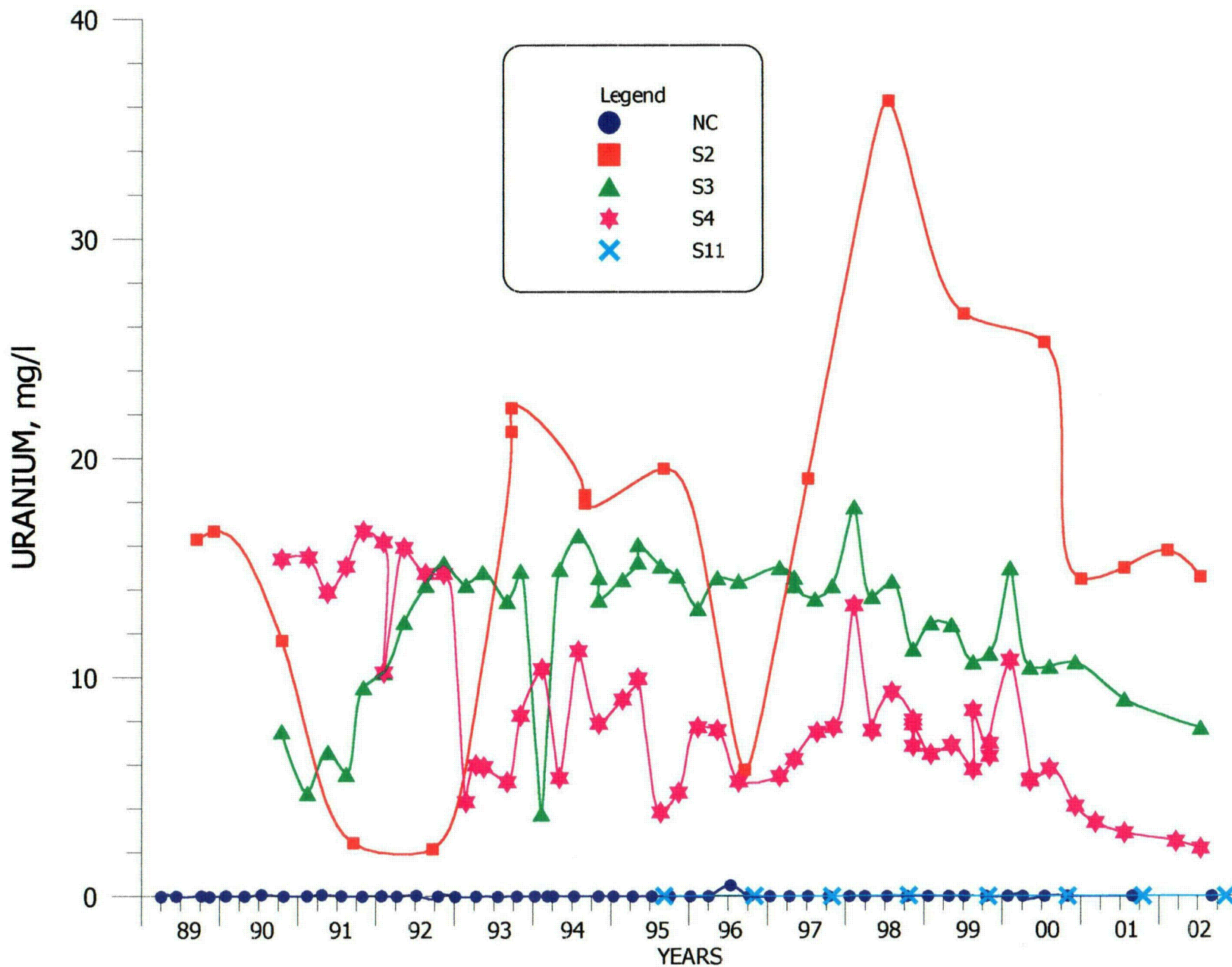
4.3-41



**FIGURE 4.3-22. URANIUM CONCENTRATIONS FOR WELLS DD, ND, P, P4, Q AND R.**

CZZ

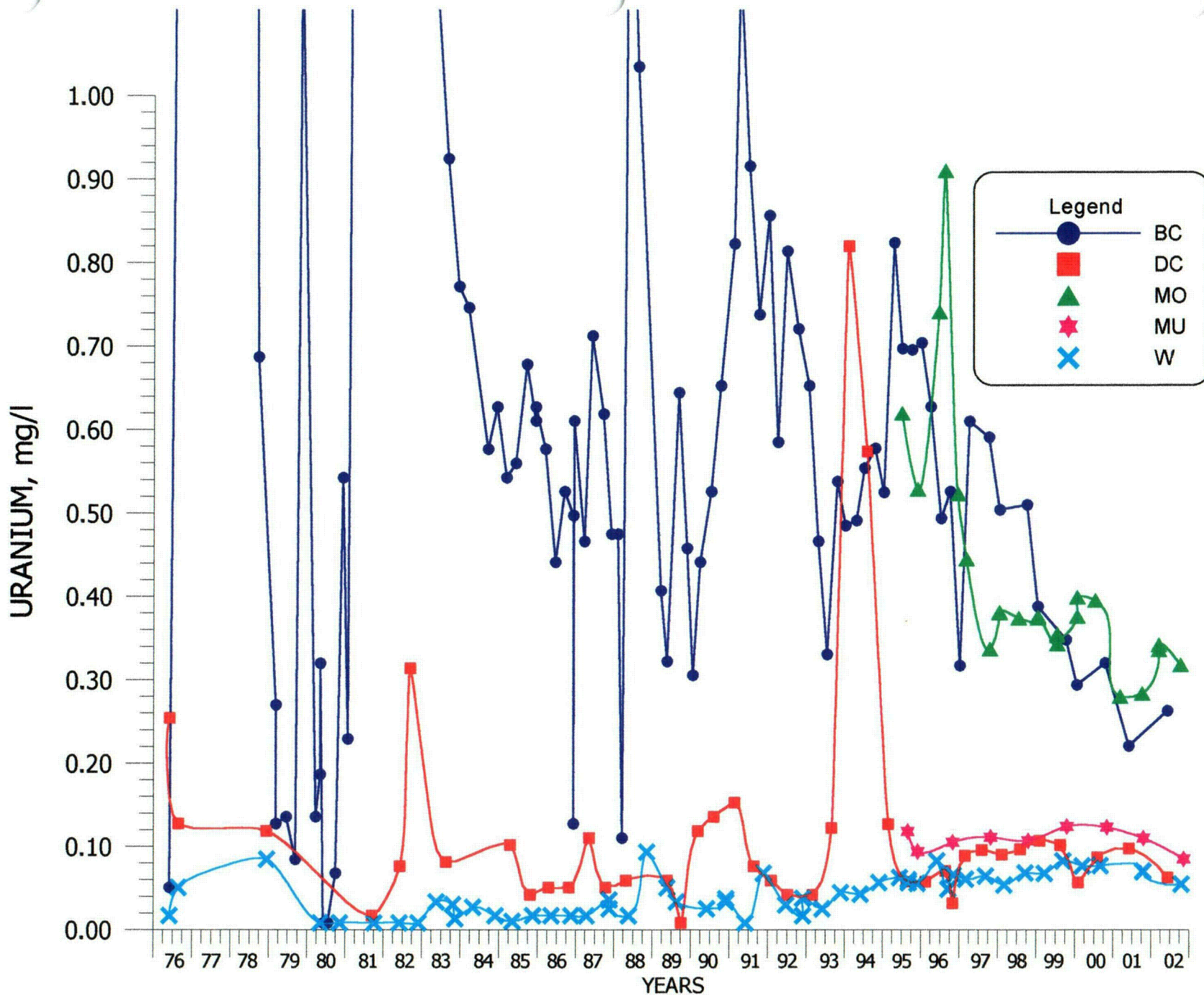
4.3-42



**FIGURE 4.3-23. URANIUM CONCENTRATIONS FOR WELLS NC, S2, S3, S4 AND S11.**

CZ3

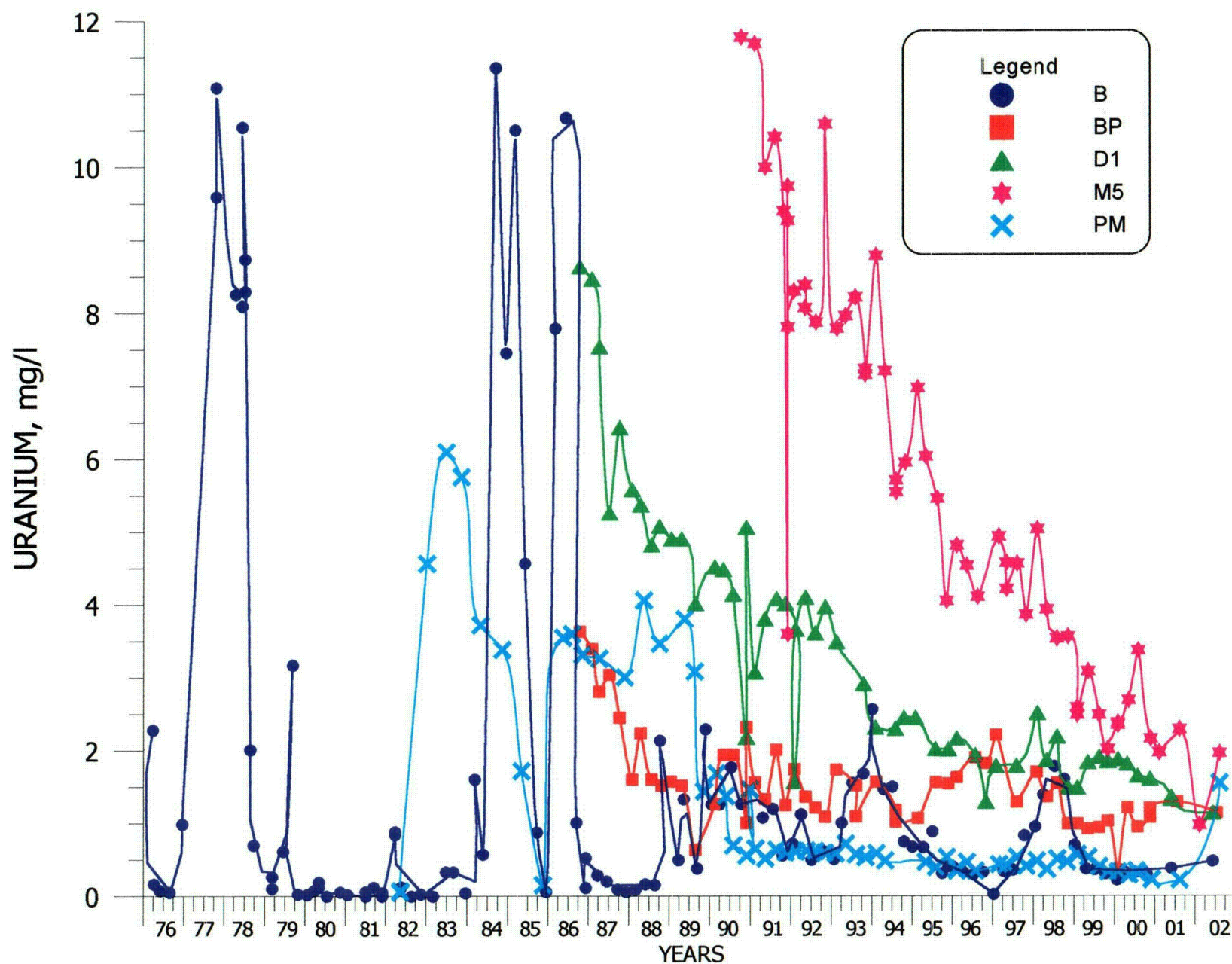
4.3-43



**FIGURE 4.3-24. URANIUM CONCENTRATIONS FOR WELLS BC, DC, MO, MU AND W.**

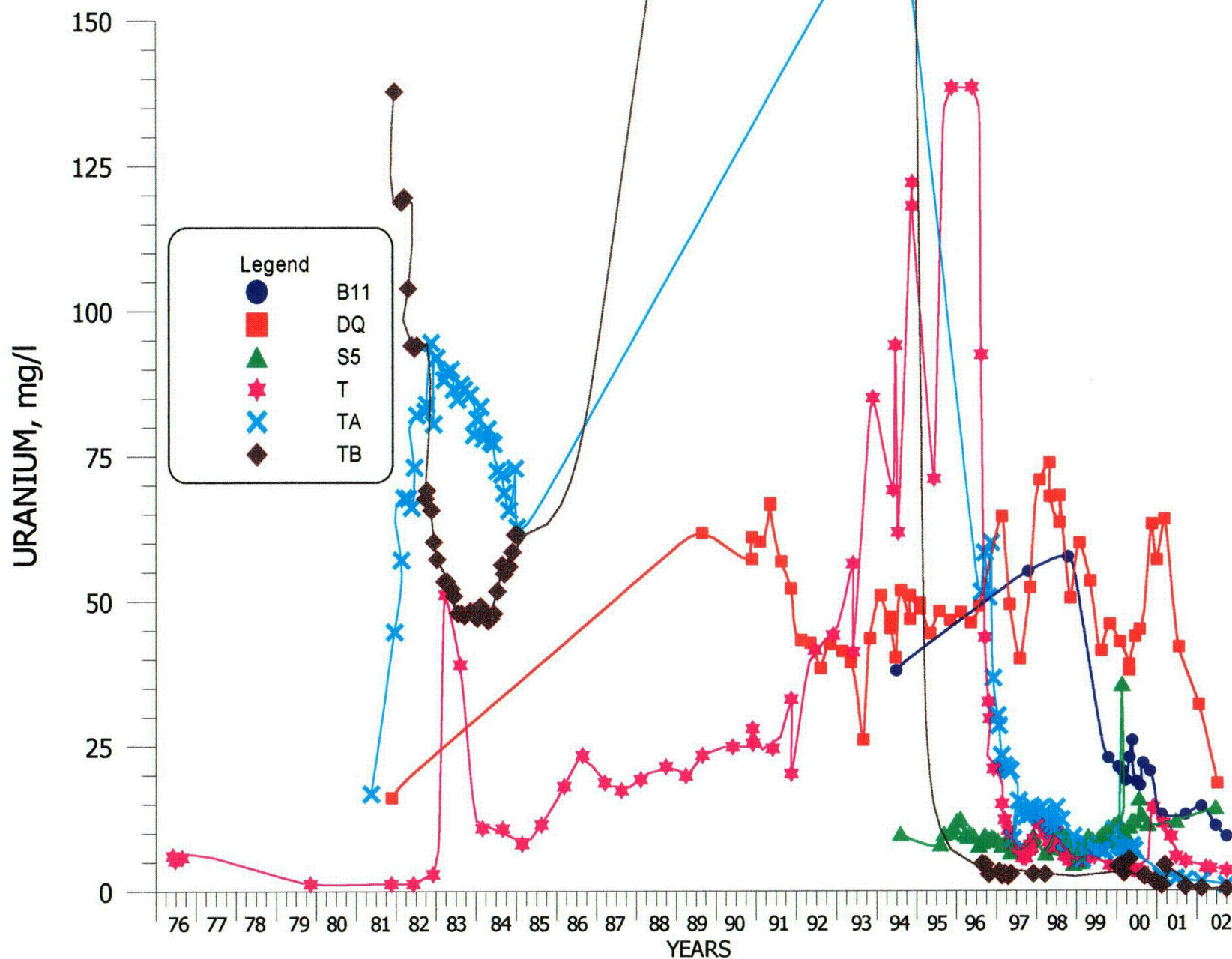


4.3-44



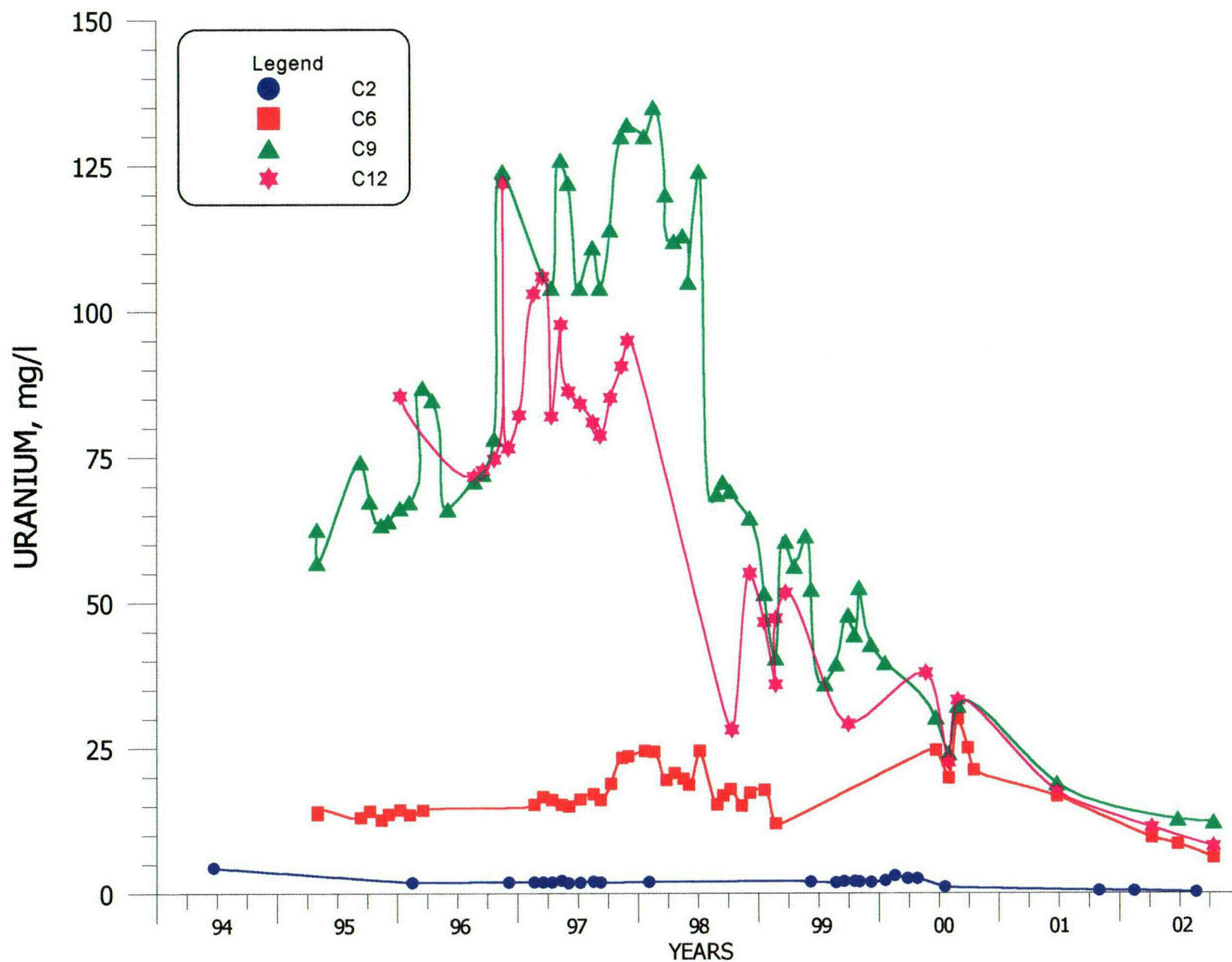
**FIGURE 4.3-25. URANIUM CONCENTRATIONS FOR WELLS B, BP, D1, M5 AND PM.**

4.3-45



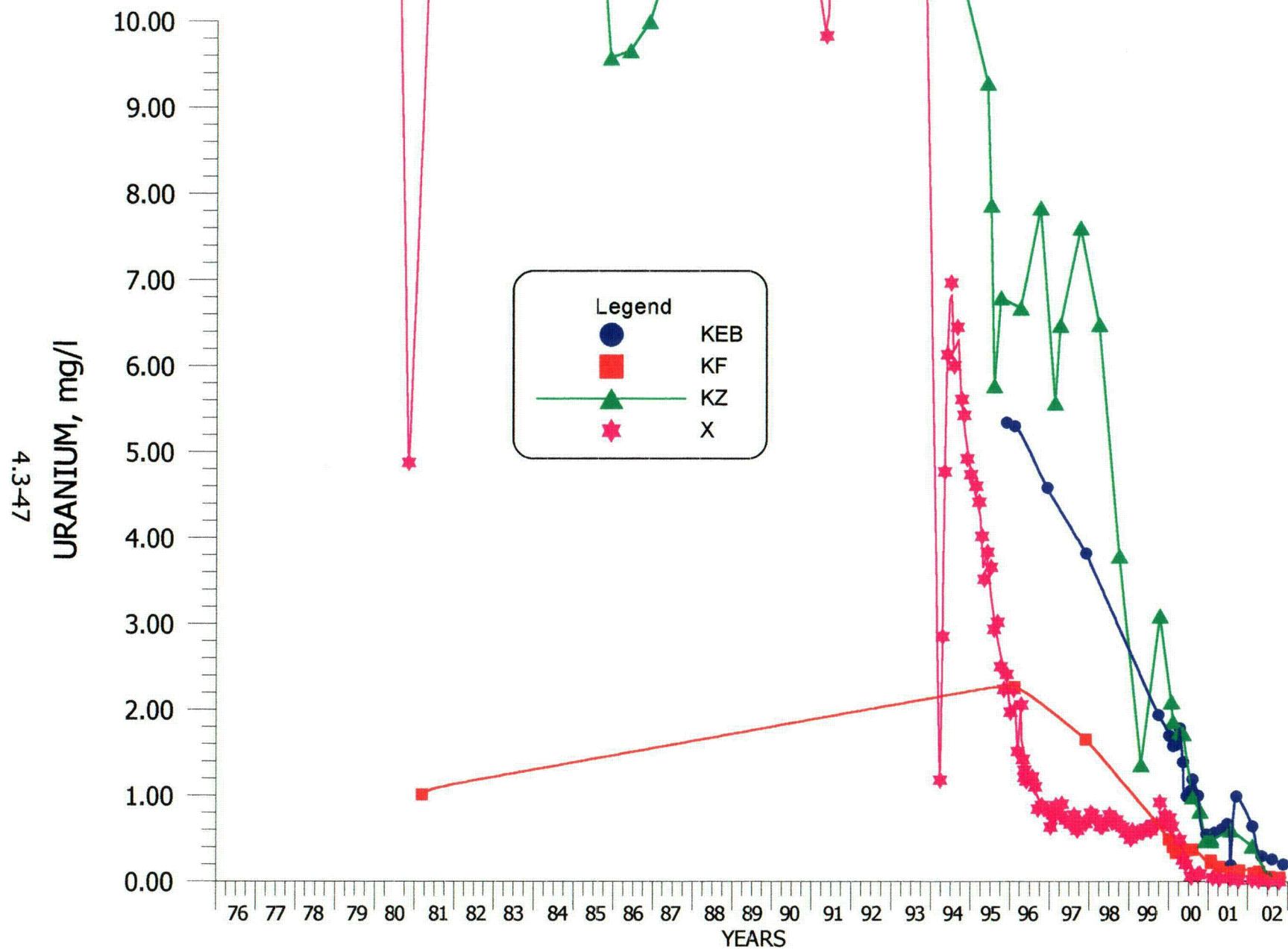
**FIGURE 4.3-26. URANIUM CONCENTRATIONS FOR WELLS B11, DQ, S5, T, TA AND TB.**

4.3-46



**FIGURE 4.3-27. URANIUM CONCENTRATIONS FOR WELLS C2, C6, C9 AND C12.**

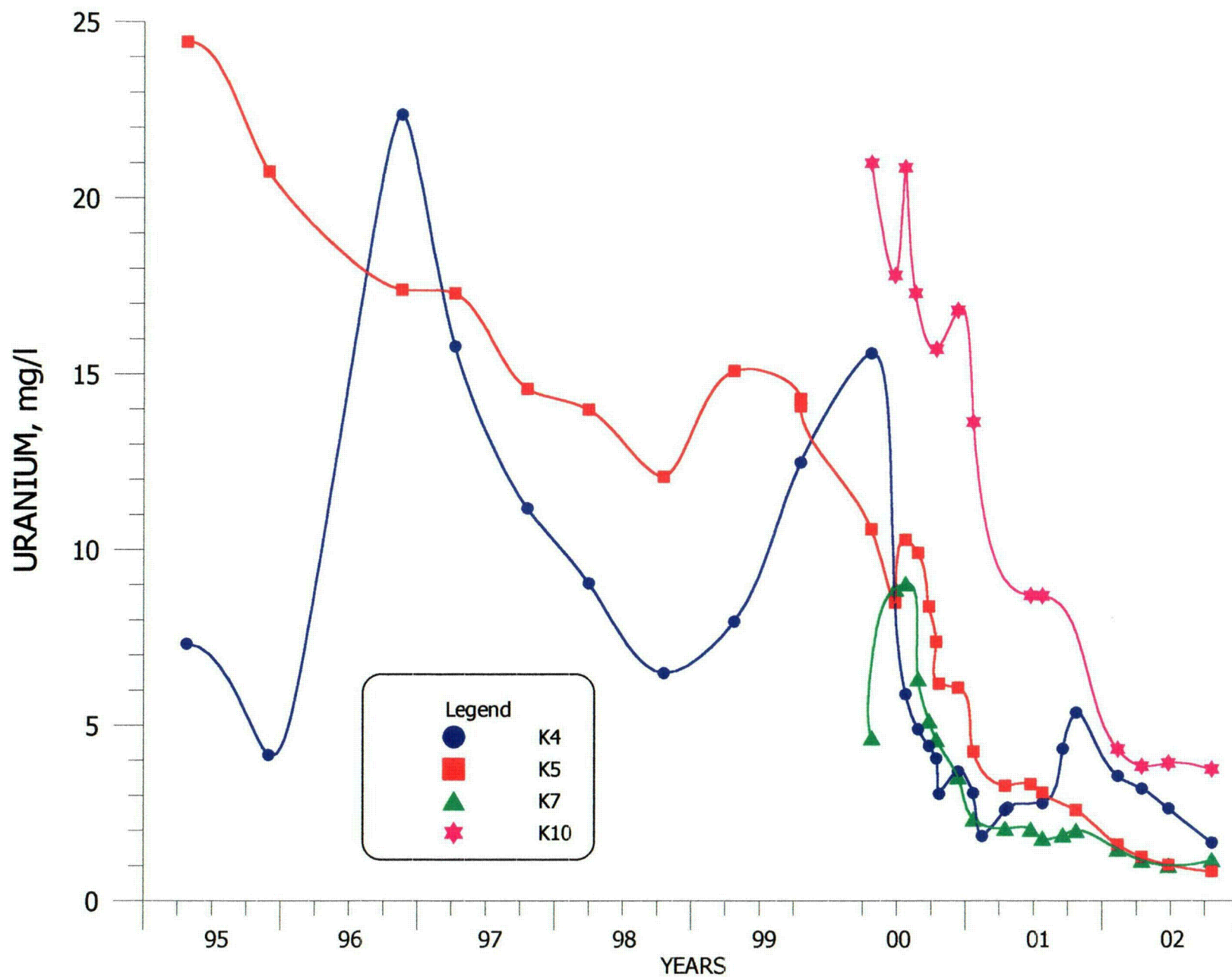




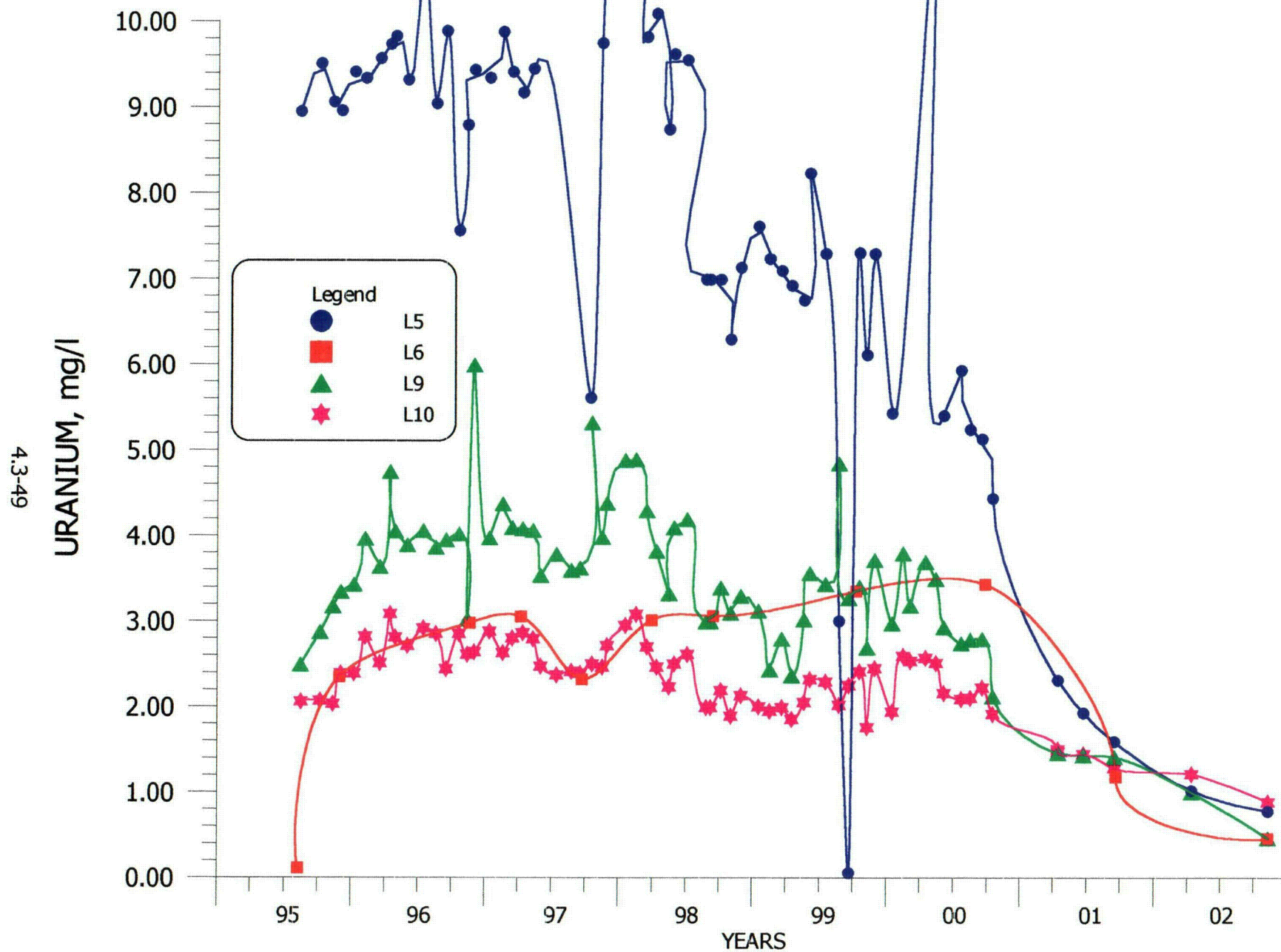
**FIGURE 4.3-28. URANIUM CONCENTRATIONS FOR WELLS KEB, KF, KZ AND X.**



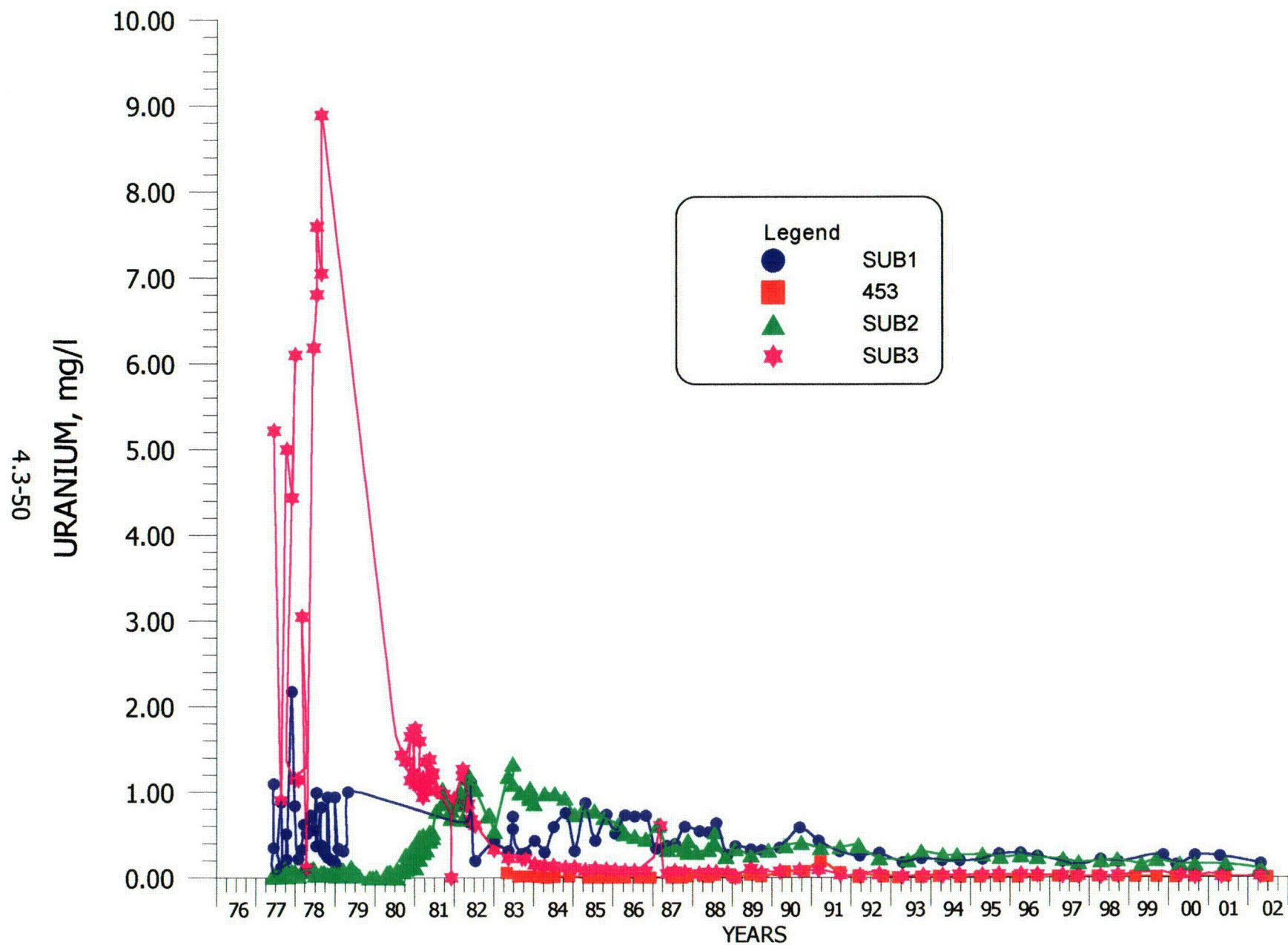
4.3-48



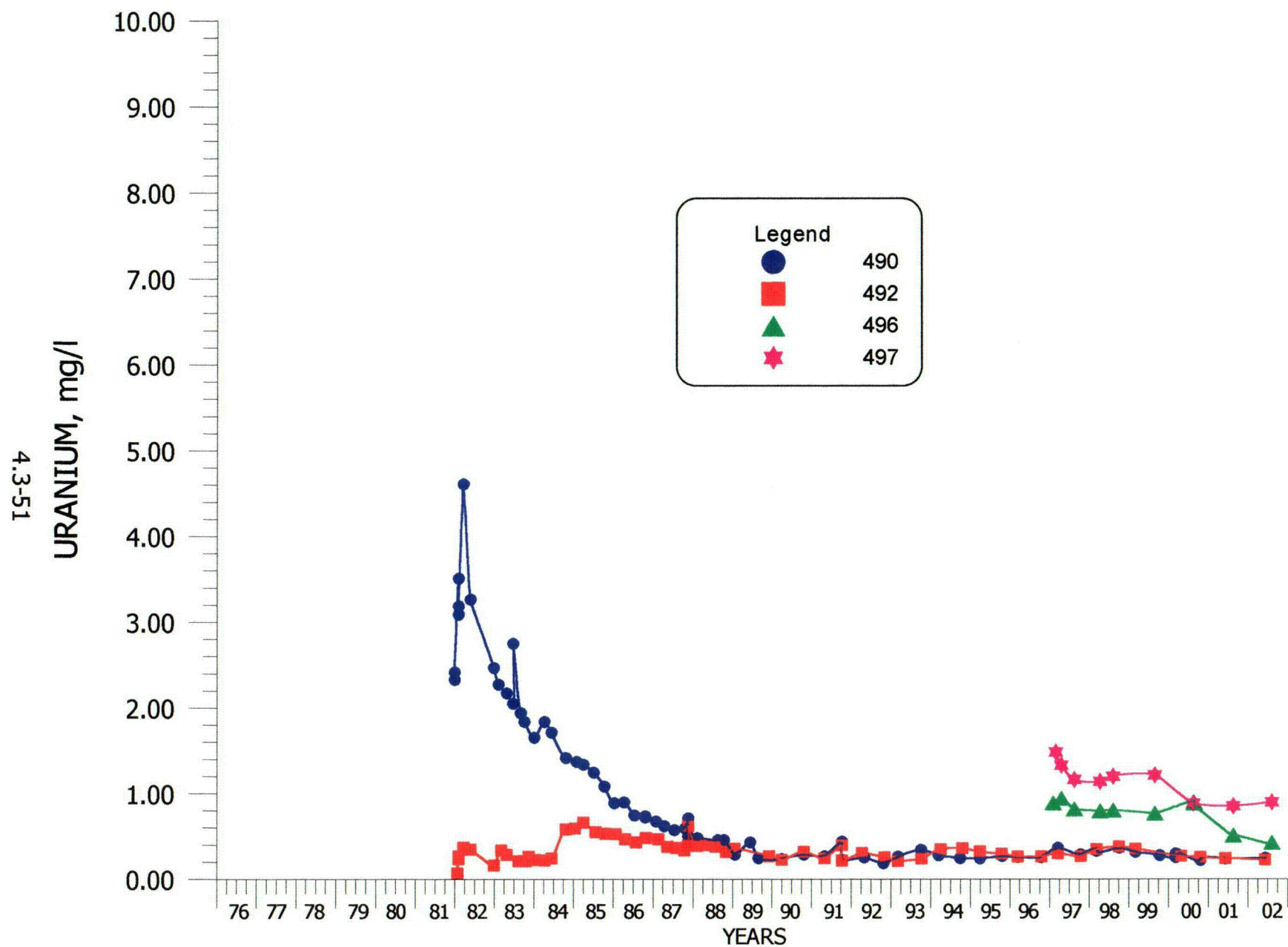
**FIGURE 4.3-29. URANIUM CONCENTRATIONS FOR WELLS K4, K5, K7 AND K10.**



**FIGURE 4.3-30. URANIUM CONCENTRATIONS FOR WELLS L5, L6, L9 AND L10.**

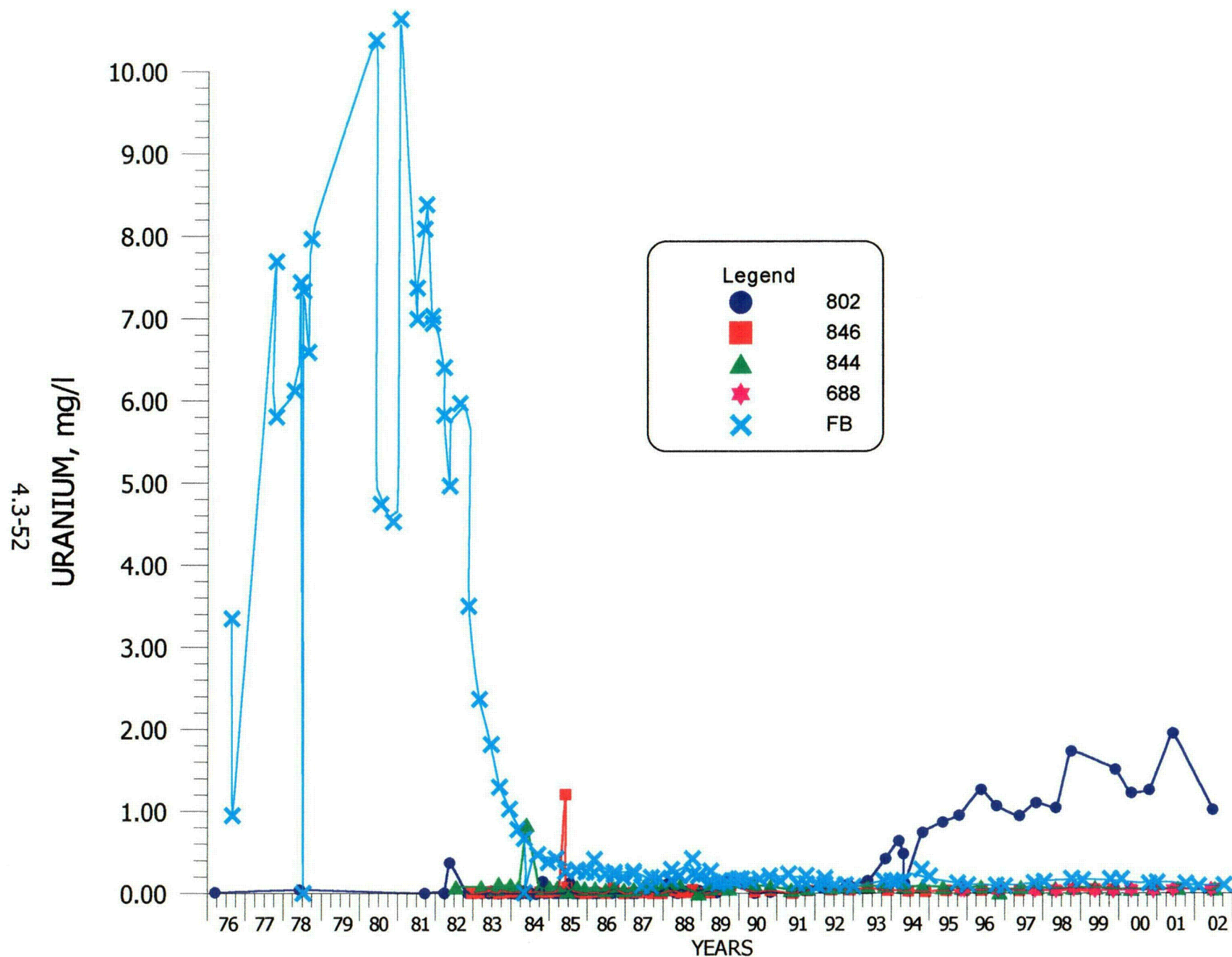


**FIGURE 4.3-31. URANIUM CONCENTRATIONS FOR WELLS SUB1, 453, SUB2 AND SUB3.**

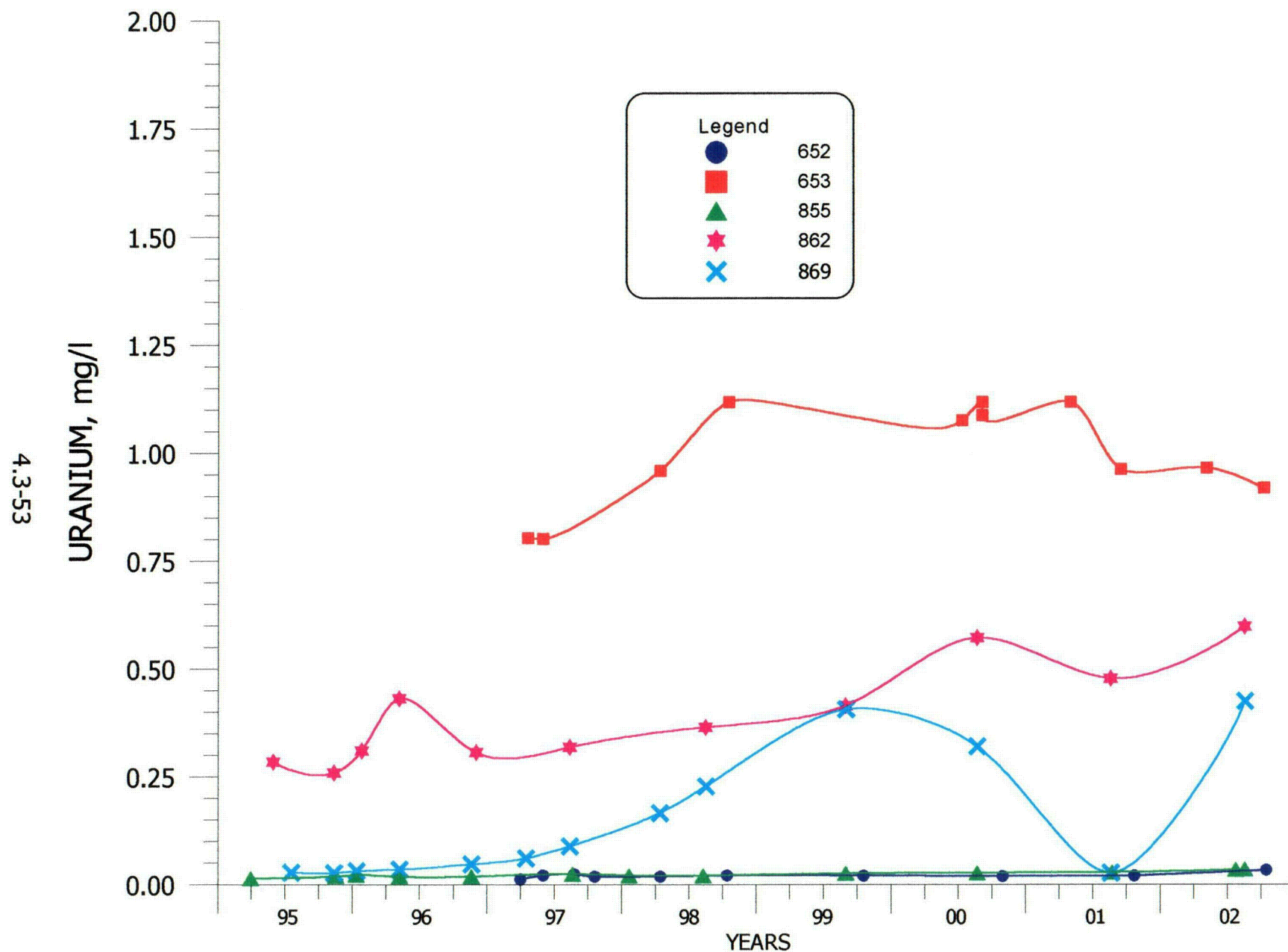


**FIGURE 4.3-32. URANIUM CONCENTRATIONS FOR WELLS 490, 492, 496 AND 497.**

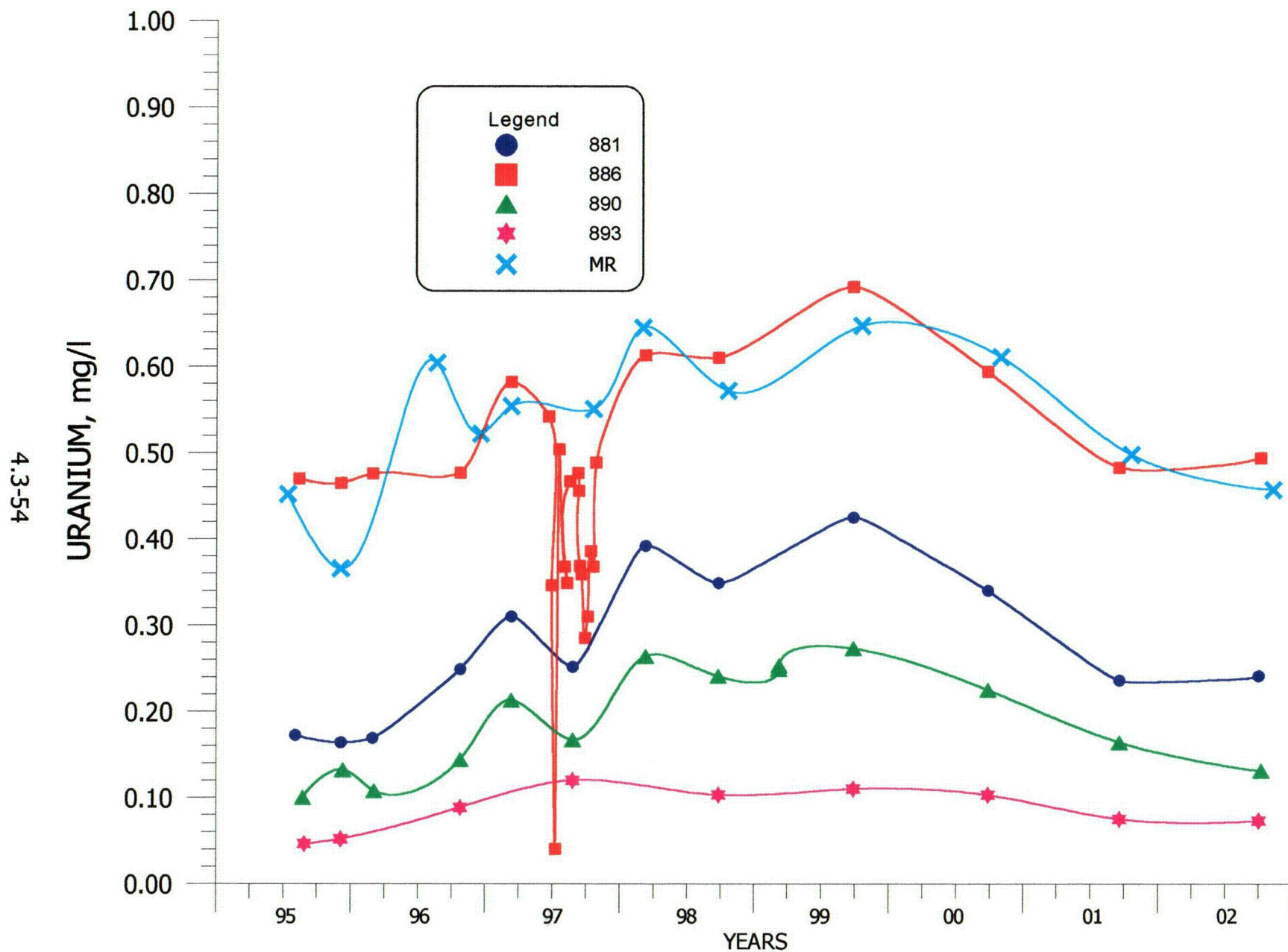




**FIGURE 4.3-33. URANIUM CONCENTRATIONS FOR WELLS 802, 846, 844, 688 AND FB.**

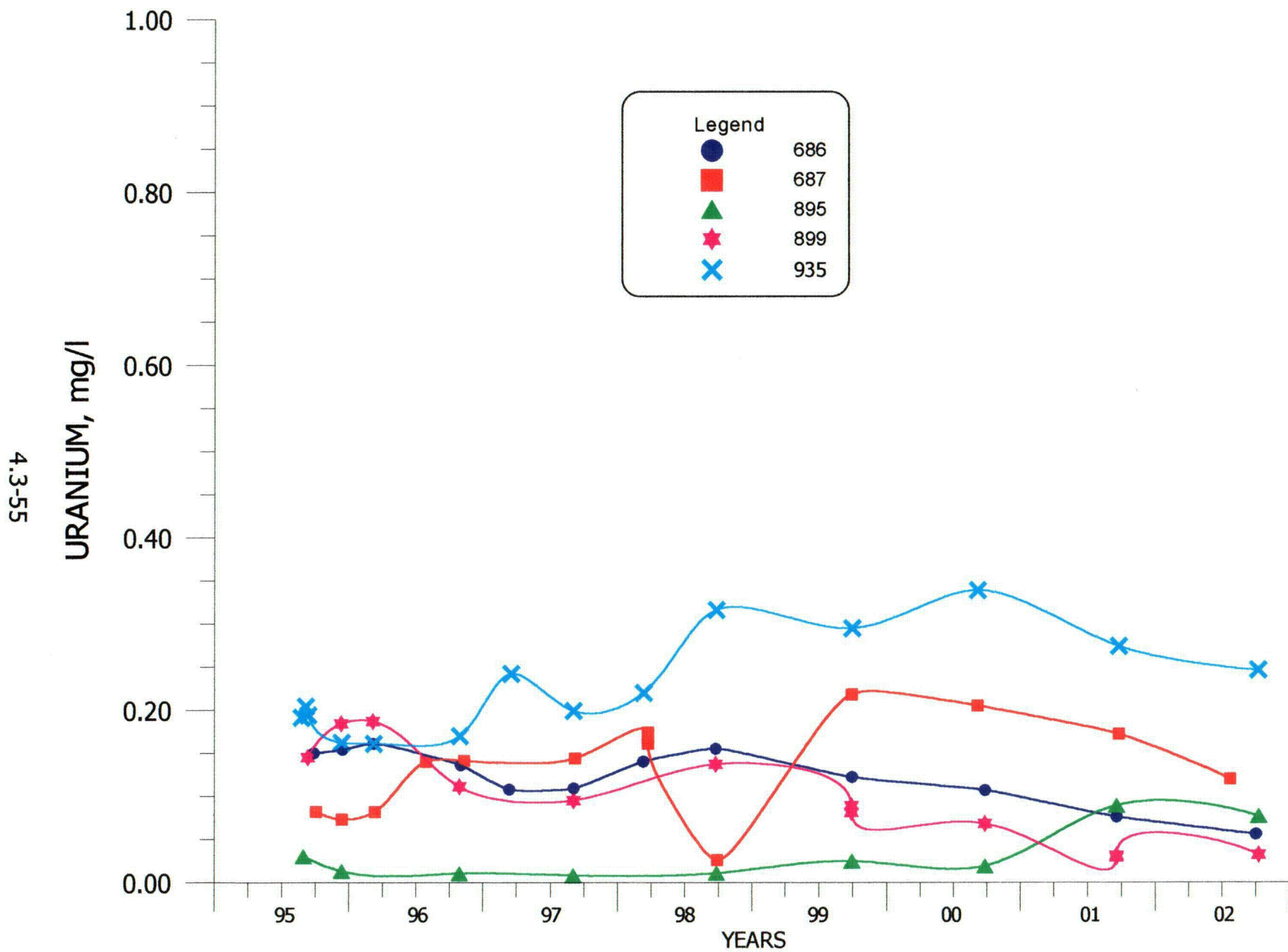


**FIGURE 4.3-34. URANIUM CONCENTRATIONS FOR WELLS 652, 653, 855, 862 AND 869.**

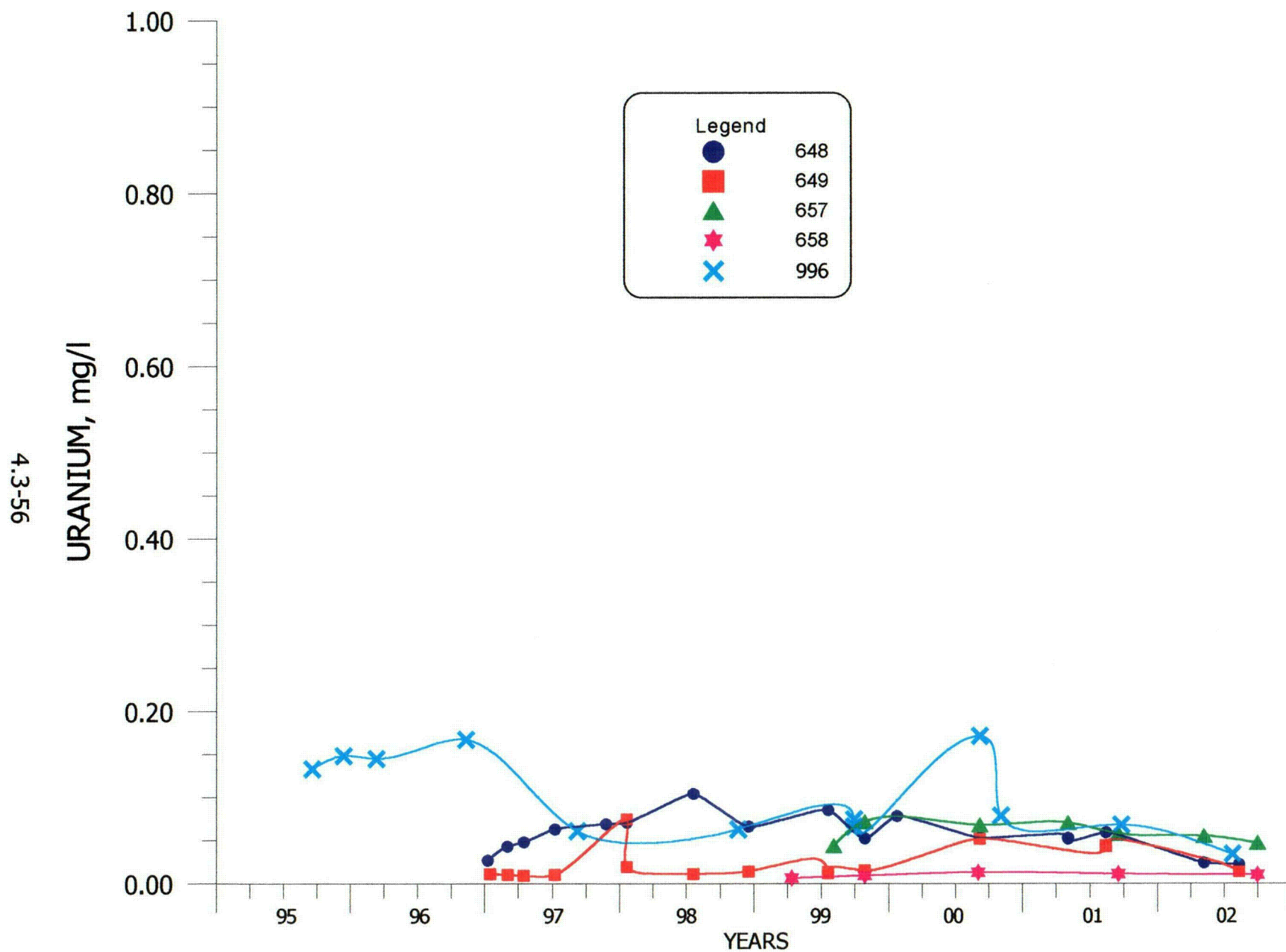


**FIGURE 4.3-35. URANIUM CONCENTRATIONS FOR WELLS 881, 886, 890, 893 AND MR.**

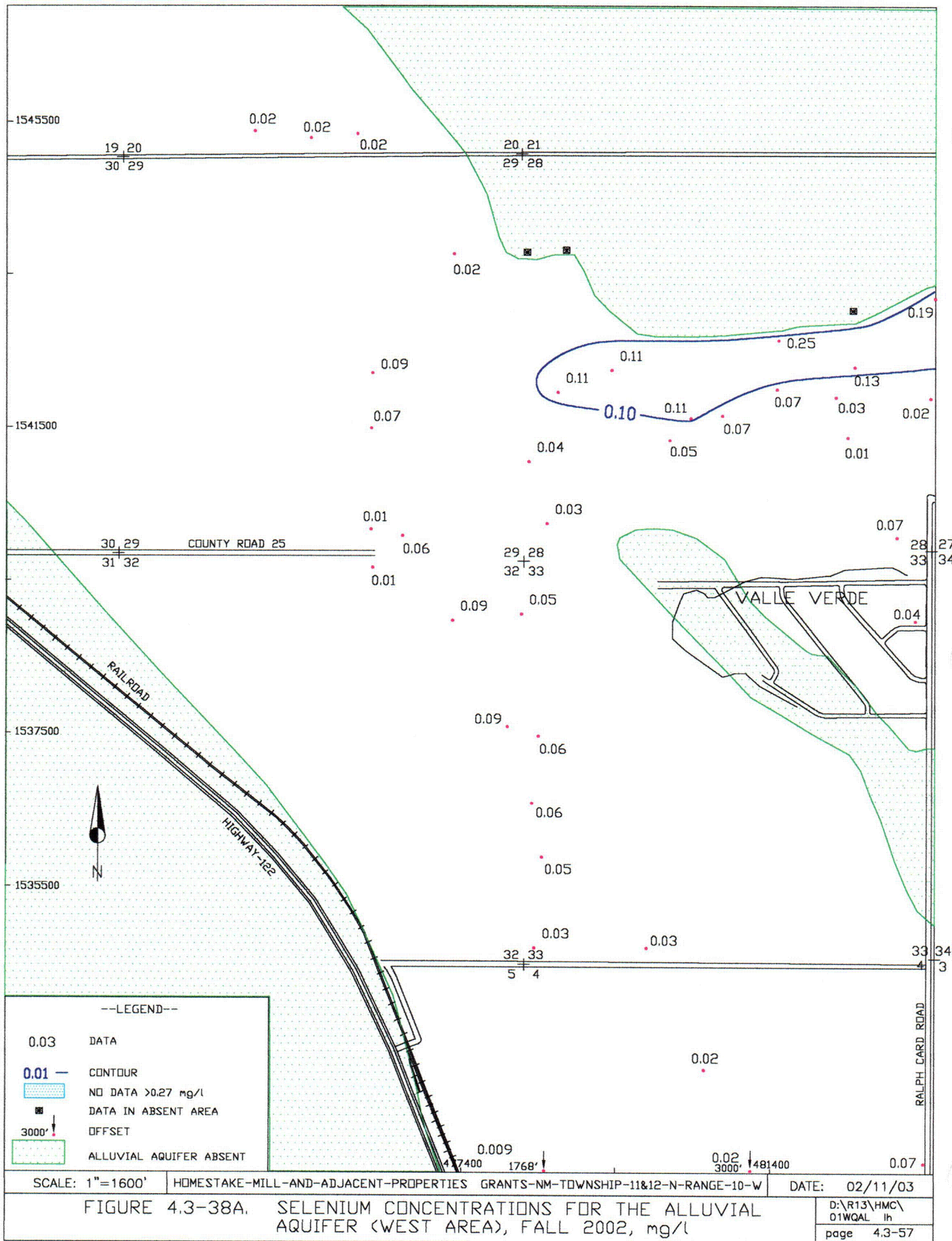




**FIGURE 4.3-36. URANIUM CONCENTRATIONS FOR WELLS 686, 687, 895, 899 AND 935.**



**FIGURE 4.3-37. URANIUM CONCENTRATIONS FOR WELLS 648, 649, 657, 658 AND 996.**





**Se BACKGROUND**  
**2002 (0.007-0.63 mg/l)**

SIGNIFICANT CONC. = 0.27 mg/l  
 NRC SITE STAND. = 0.10 mg/l  
 STATE SITE STAN. = 0.12 mg/l

COUNTY ROAD 63

PLEASANT-VALLEY ESTATES

MURRAY-ACRES

BROADVIEW ACRES

FELICE-ACRES

THUNDERBIRD LANE

HIGHWAY 605

RALPH CARD ROAD

LARGE-TAILINGS-PILE (RECLAMATION IN PROGRESS)

COLLECTION POND

LINED EVAP. POND NO. 2

LINED EVAP. POND NO. 1

SMALL TAILINGS PILE

HMC OFFICE

--LEGEND--

- 0.02 DATA
- 0.10 CONTOUR
- >0.27 mg/l
- DATA IN ABSENT AREA, USE LIMITED ALLUVIAL AQUIFER ABSENT

SCALE: 1"=1600'

HOMESTAKE-MILL-AND-ADJACENT-PROPERTIES GRANTS-NM-TOWNSHIP-11&12-N-RANGE-10-W

DATE: 02/12/03

FIGURE 4.3-38B. SELENIUM CONCENTRATIONS FOR THE ALLUVIAL AQUIFER, FALL 2002, mg/l

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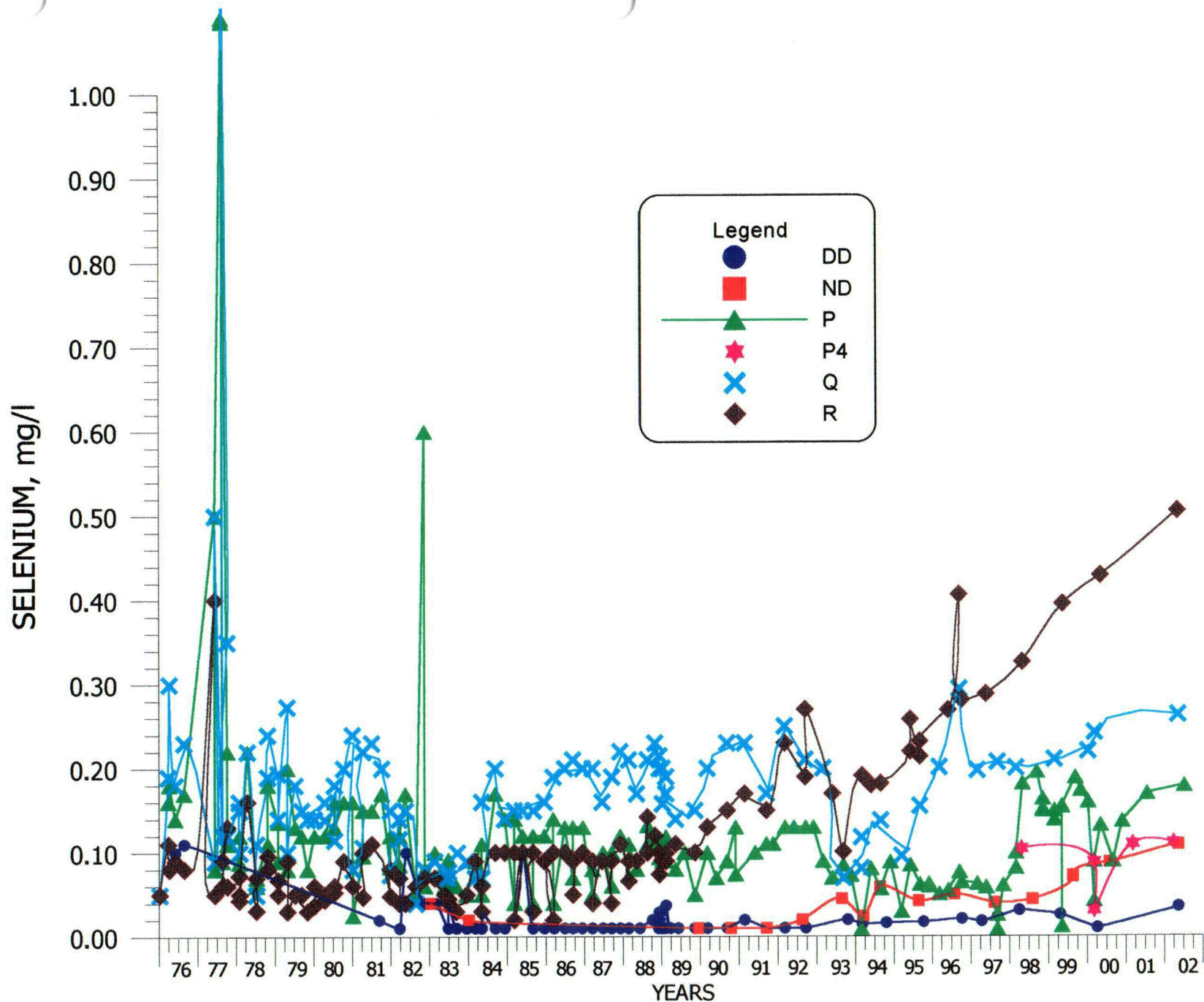
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**FIGURE 4.3-39. SELENIUM CONCENTRATIONS FOR WELLS DD, ND, P, P4, Q AND R.**