HYDROCHEMISTRY OF THE PAJARITO PLATEAU, NEAR LOS ALAMOS, NEW MEXICO

BY

ENTERED

PATRICK LONGMIRE

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CHEMICAL SCIENCE AND TECHNOLOGY DIVISION,
GEOCHEMISTRY GROUP-CST-7, MS J534

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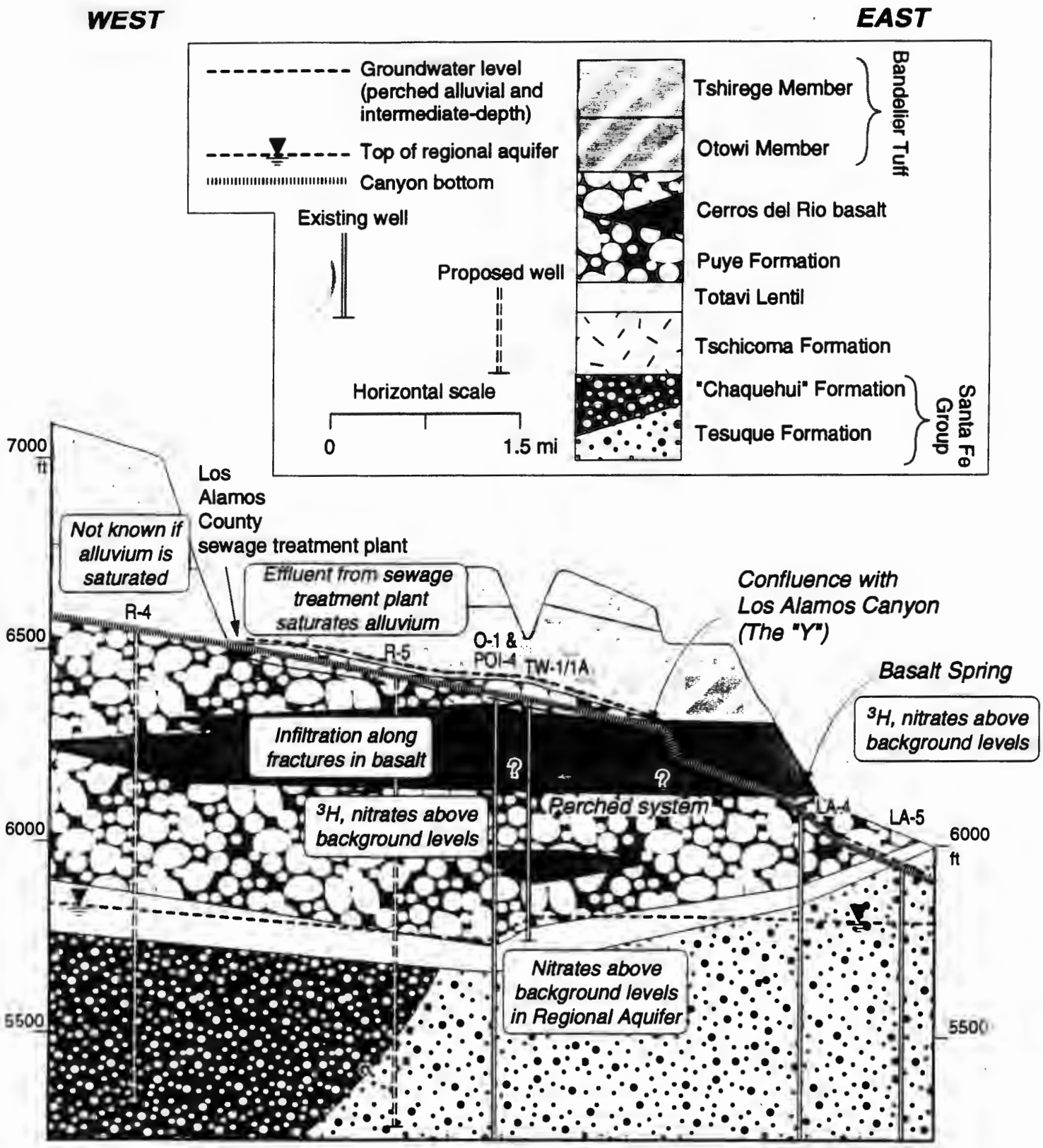
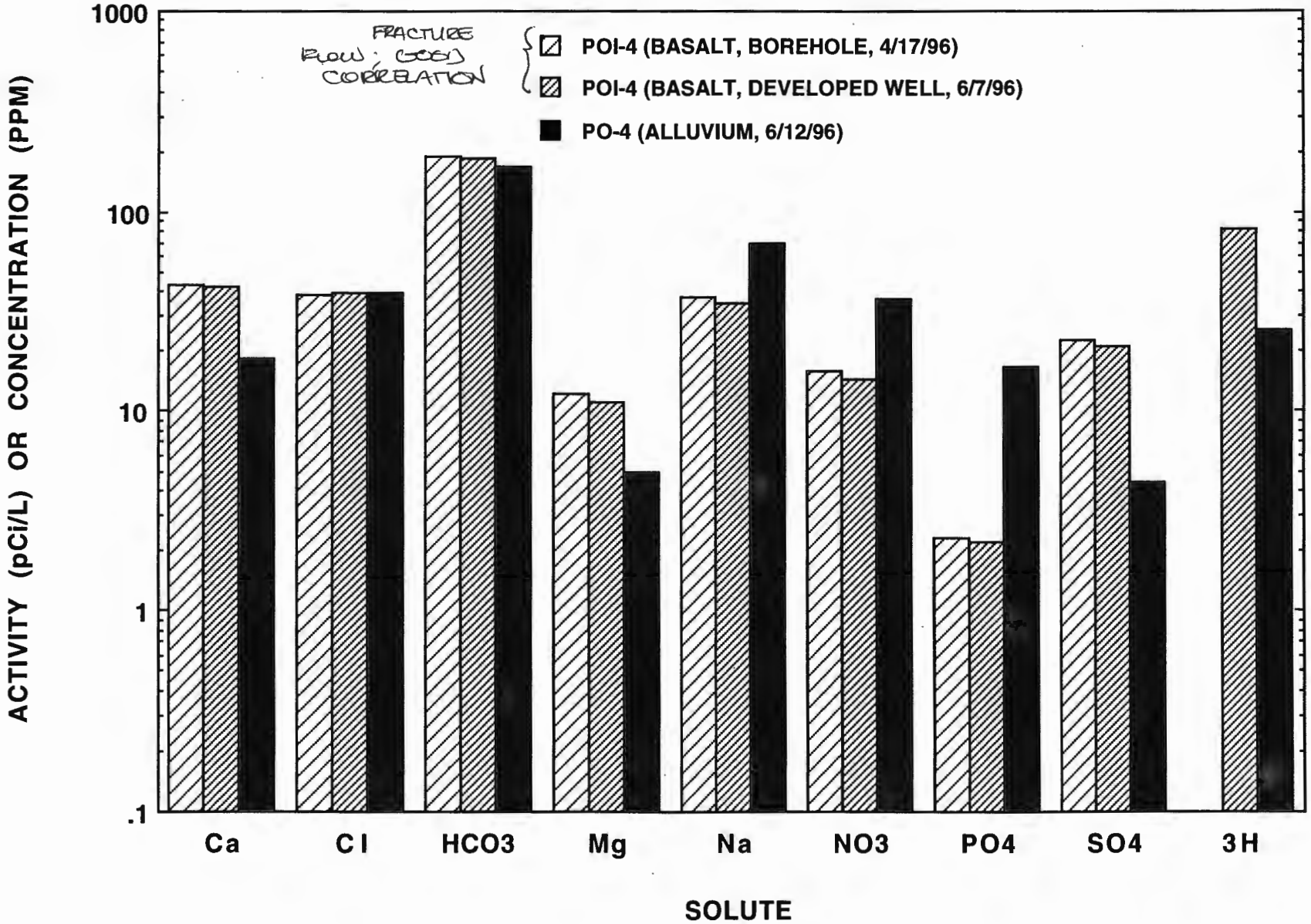
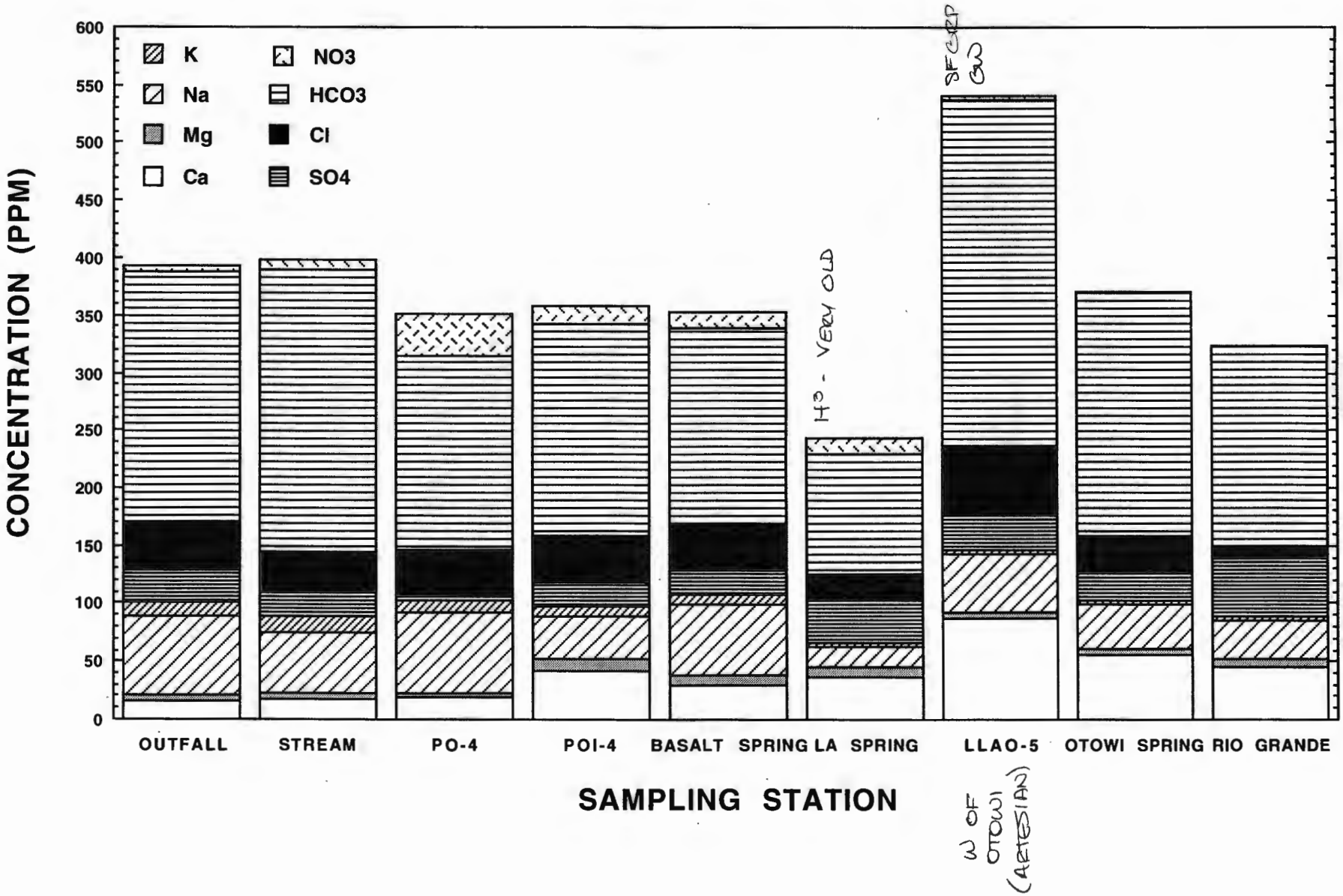


Cross section showing lower Pueblo Canyon groundwater systems.

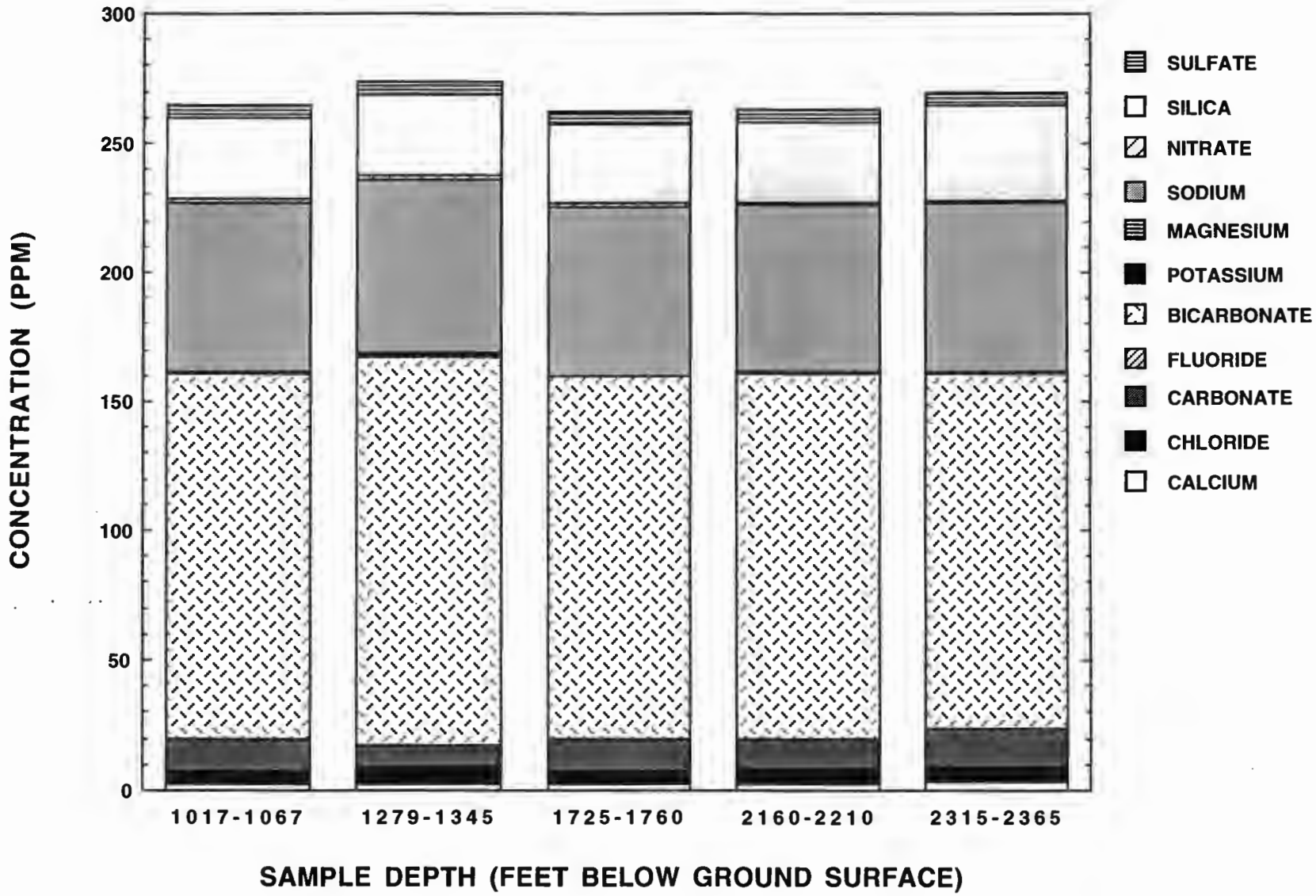
SOLUTE CHEMISTRY, PUEBLO CANYON.



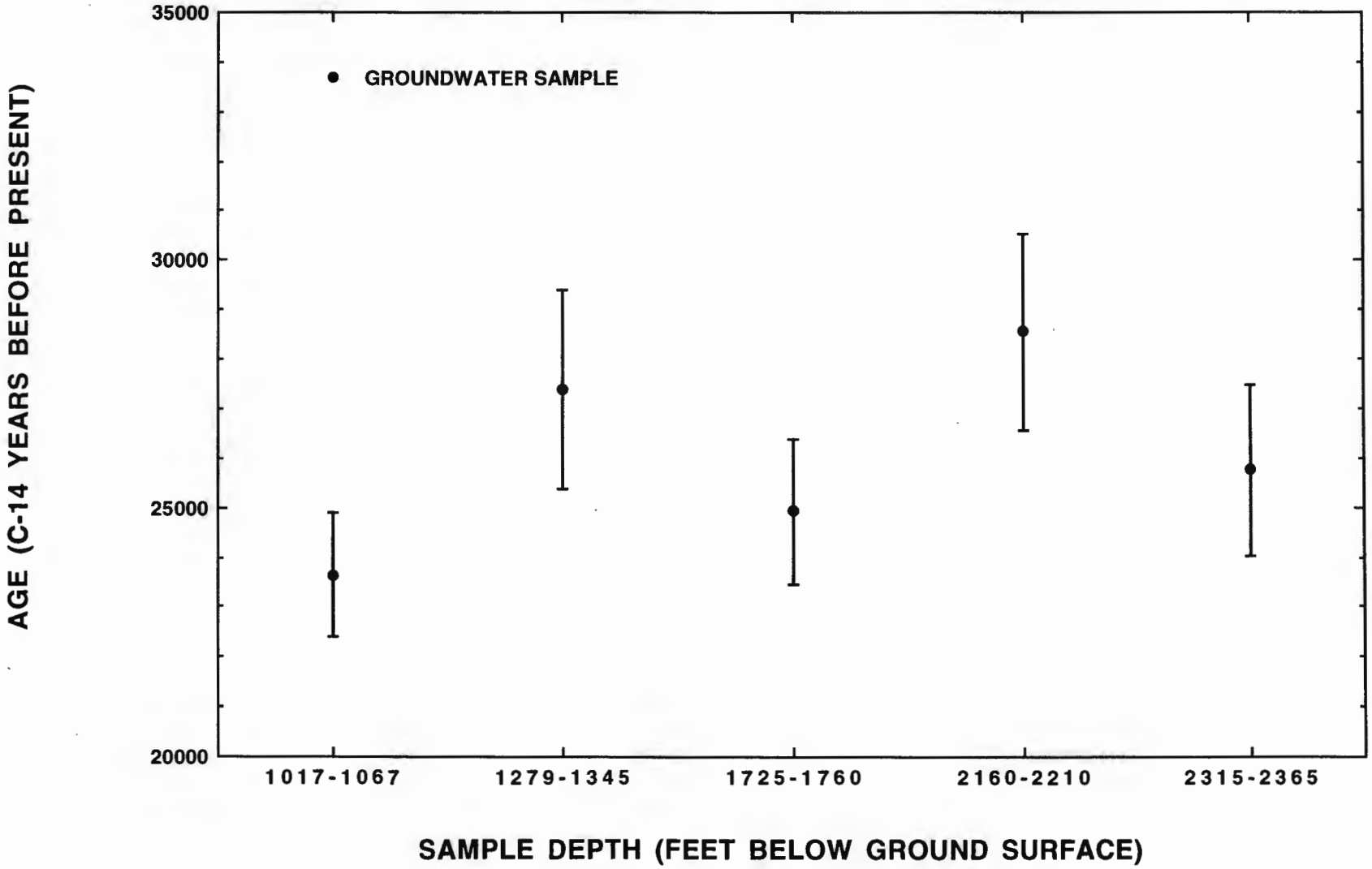
MAJOR ION CHEMISTRIES OF BAYO PLANT, STREAM, PO-4, POI-4, BASALT SPRING, LA SPRING, LLAO-5, OTOWI SPRING, AND RIO GRANDE AT OTOWI.



ZONAL CHEMISTRY OF OTOWI-1, LOS ALAMOS, NEW MEXICO.



ZONAL CHEMISTRY OF OTOWI-1, LOS ALAMOS, NEW MEXICO (GROUNDWATER SAMPLE IS C-13 CORRECTED).



R9 DRILLING THIS FALL ('97)

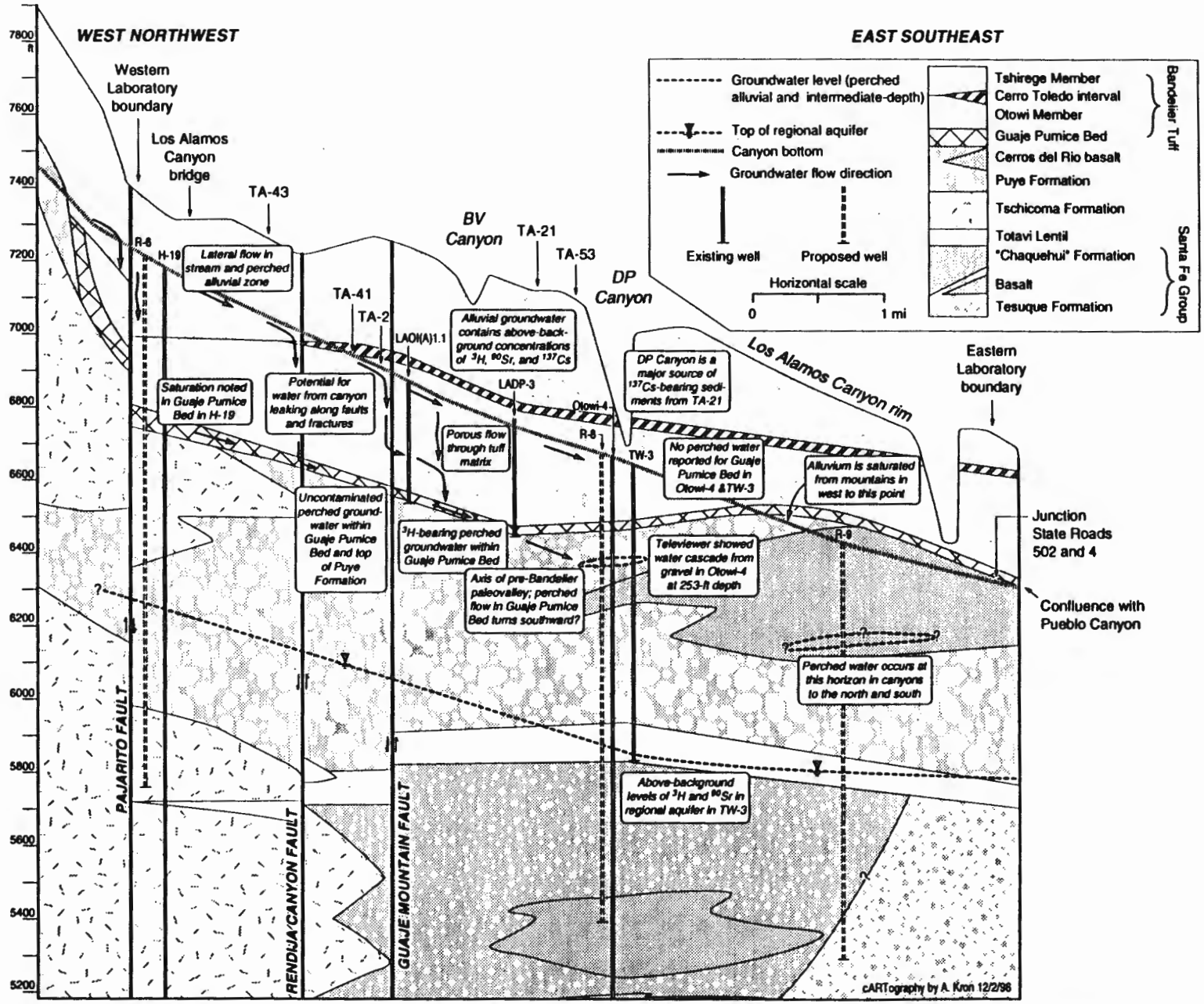
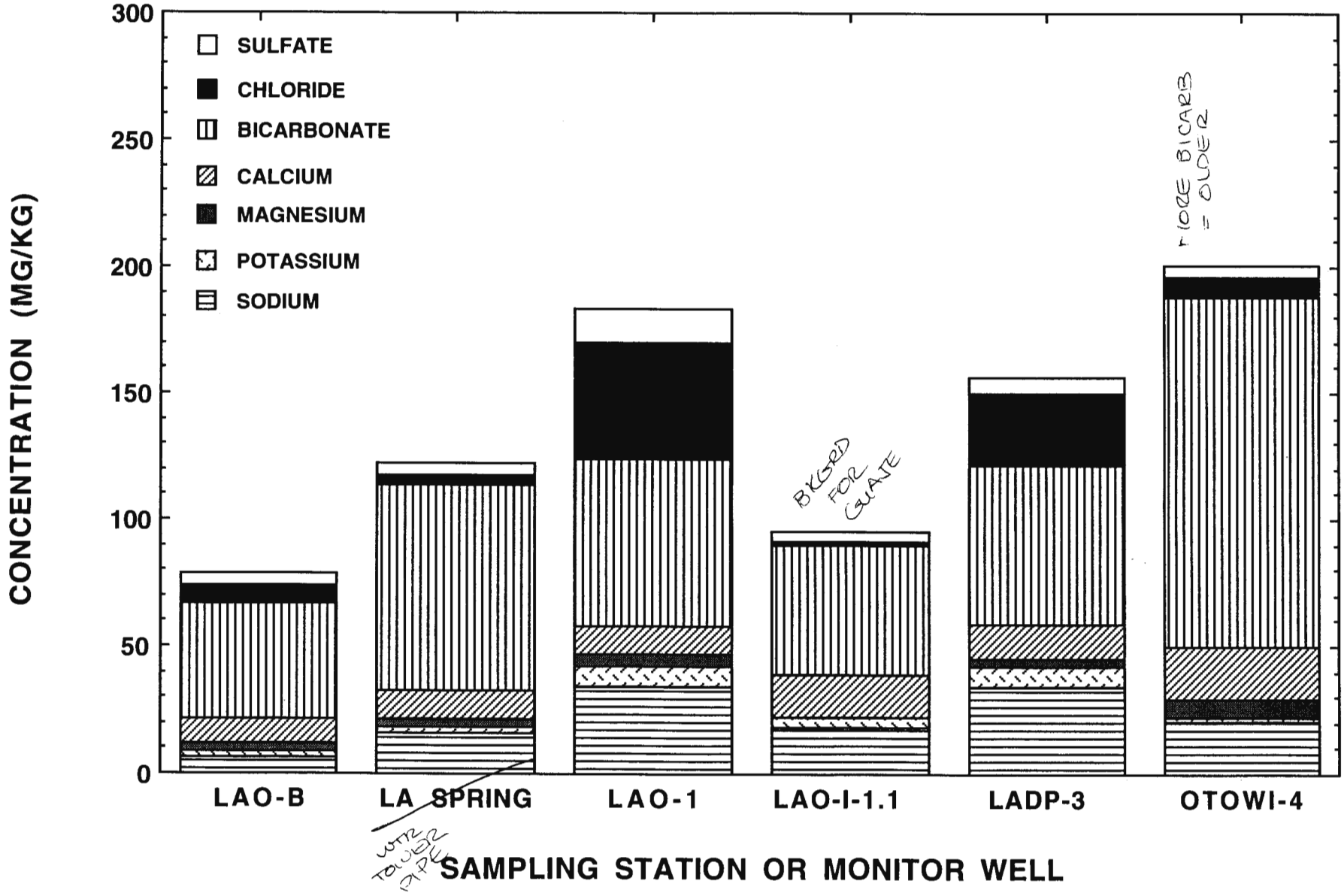


Figure 4-12. Schematic cross section showing conceptual model and proposed regional aquifer wells for upper Los Alamos Canyon.

WATER QUALITY DAT FOR THE ALLUVIUM, GUAJE PUMICE BED, AND SANTA FE GROUP GROUNDWATER, UPPER LOS ALAMOS CANYON, LOS ALAMOS, NEW MEXICO.



TRITIUM ACTIVITIES IN LADP-3 (GUAJE PUMICE BED) AND IN LAO-1 (ALLUVIUM) VERSUS TIME, UPPER LOS ALAMOS CANYON, LOS ALAMOS, NEW MEXICO.

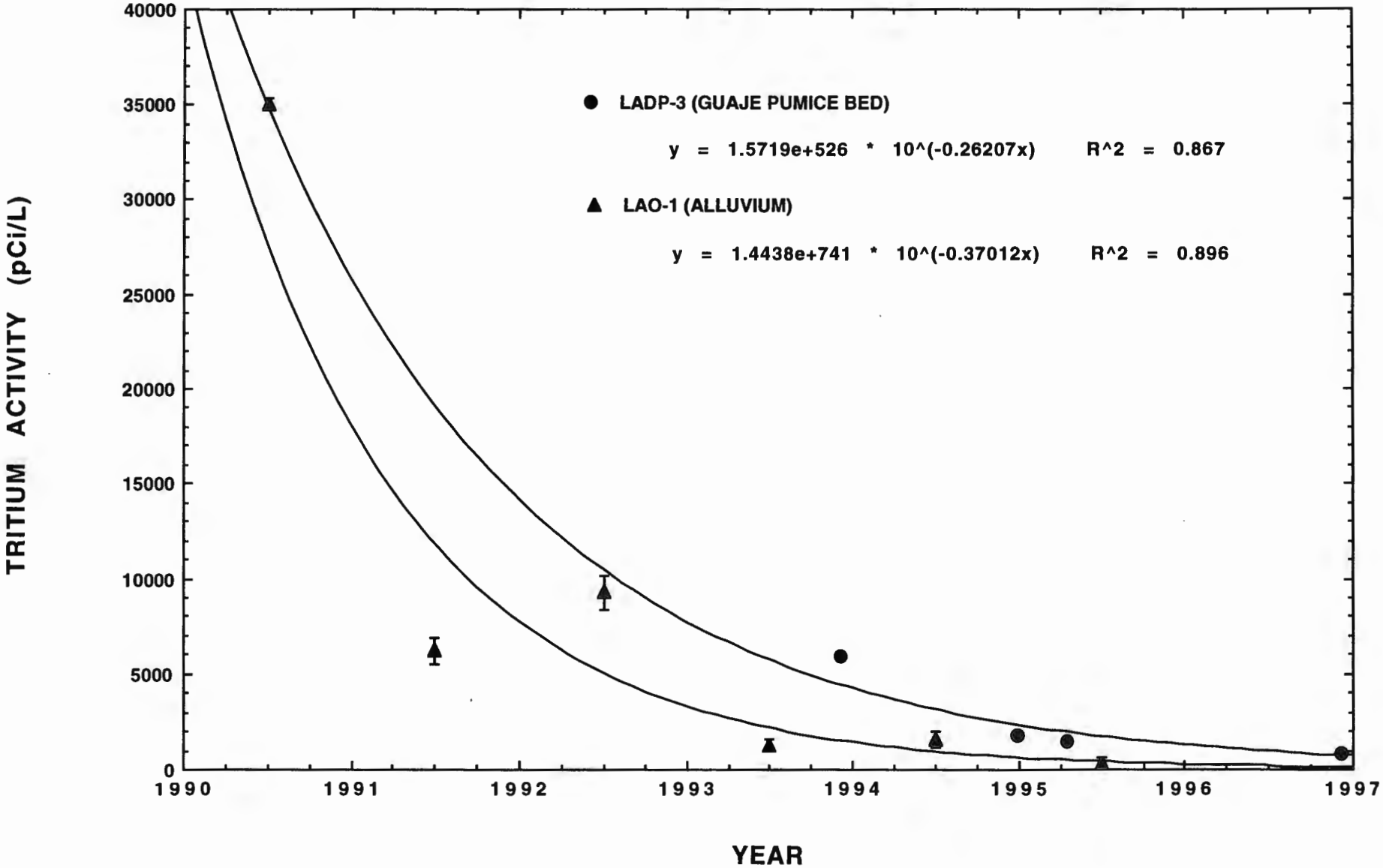
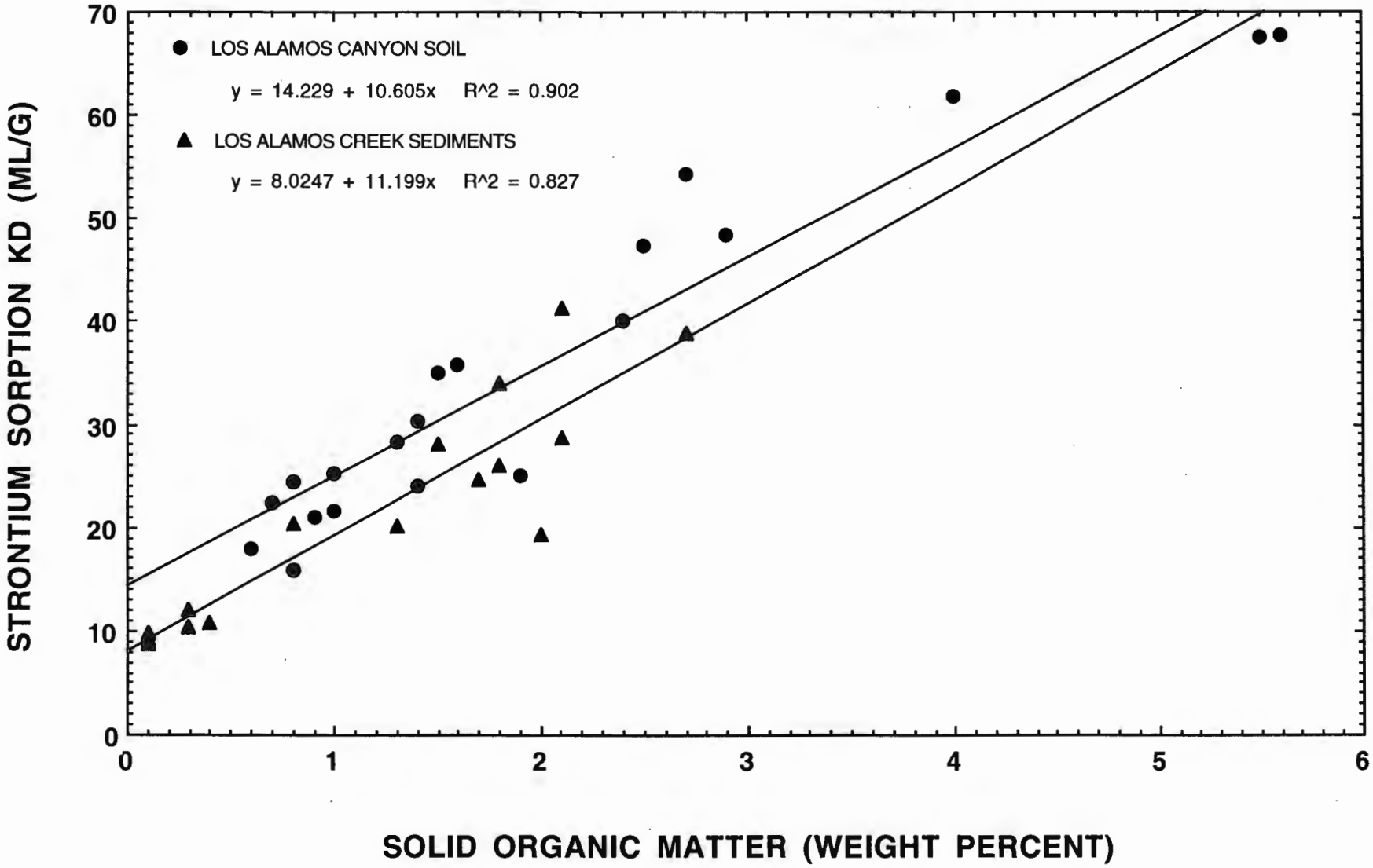
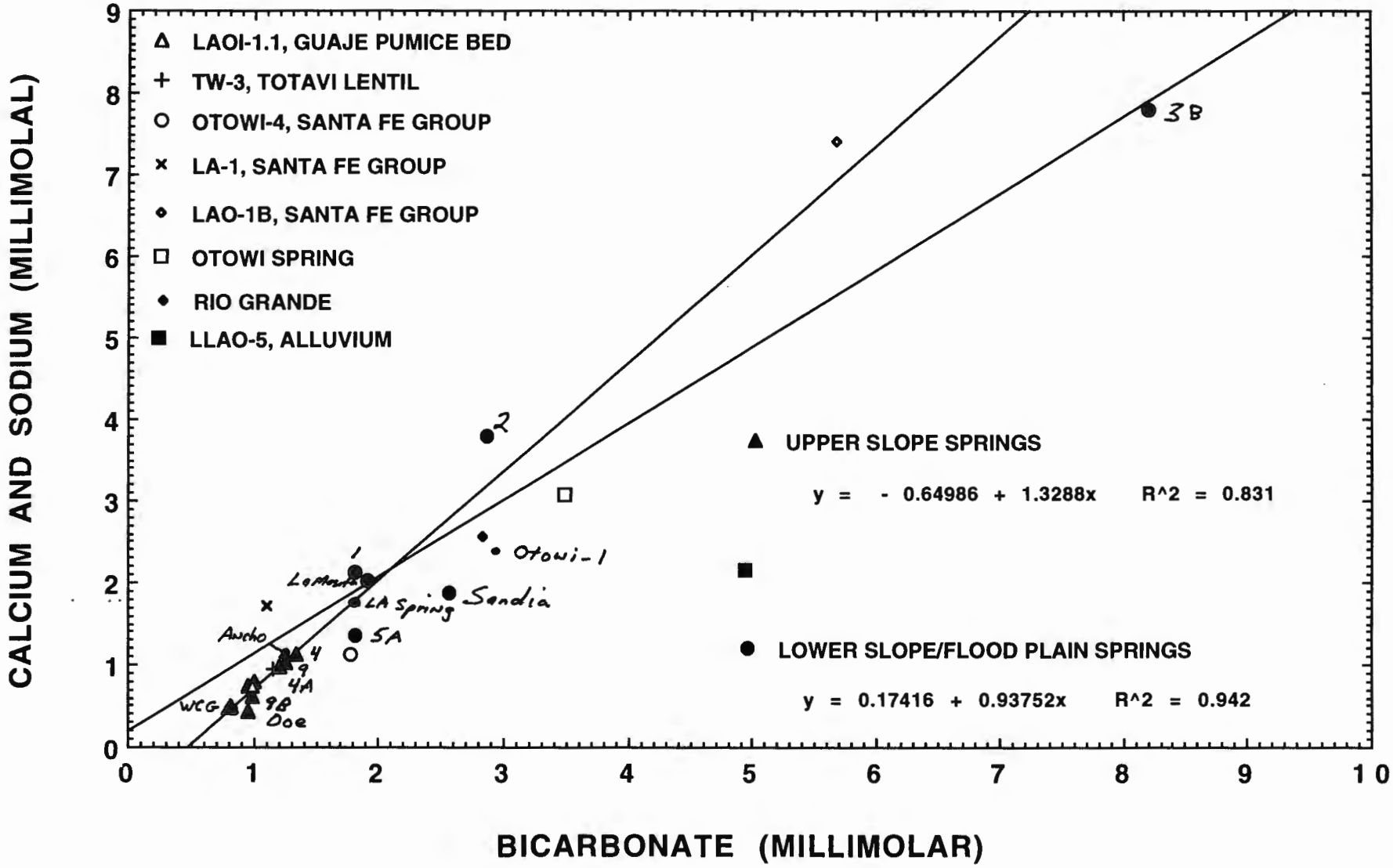


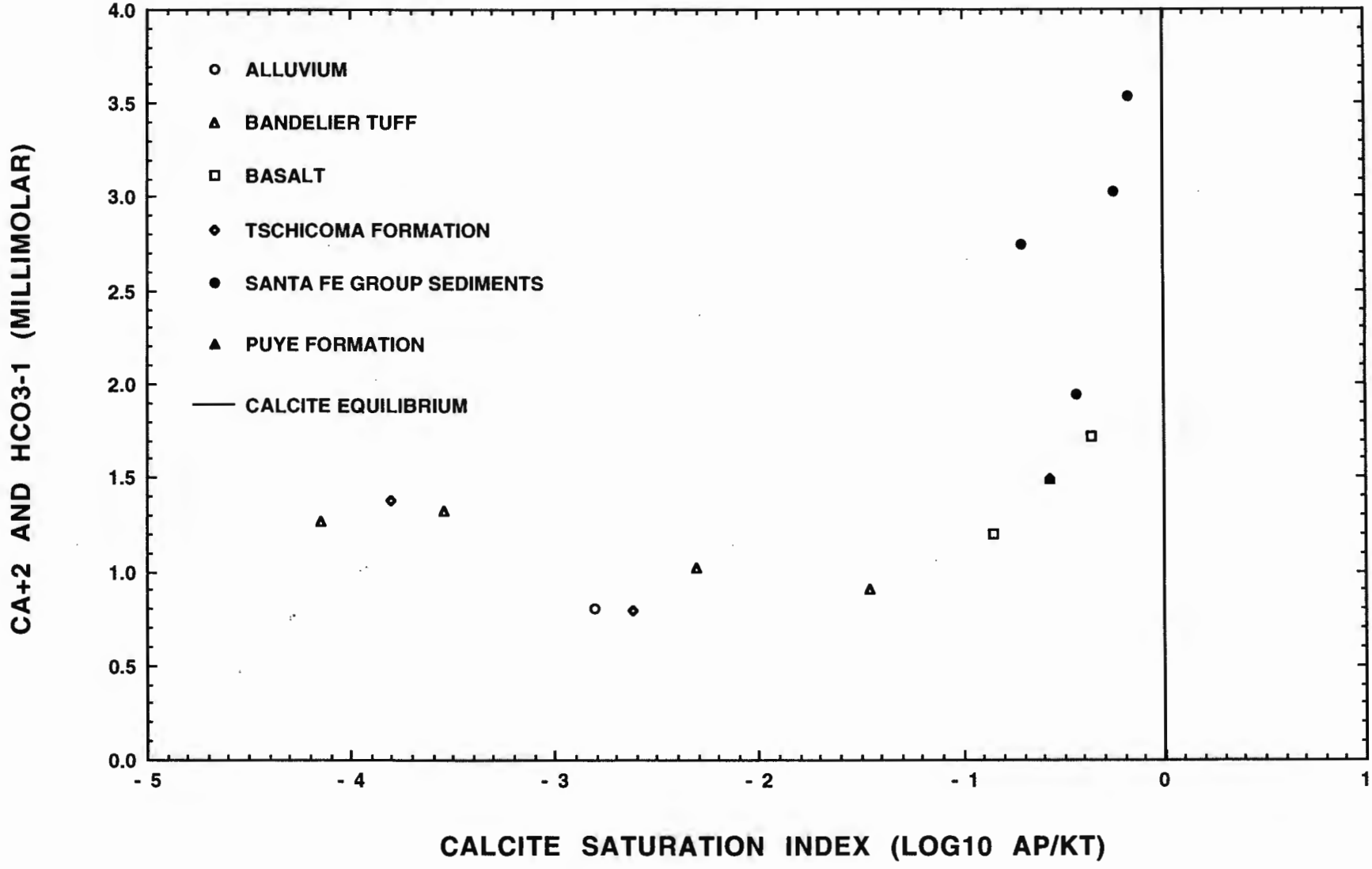
FIGURE 12. CORRELATION BETWEEN STRONTIUM SORPTION COEFFICIENTS AND PERCENTAGE OF SOLID ORGANIC MATTER FOR LOS ALAMOS CANYON SOILS AND CREEK CHANNEL SEDIMENTS (TA-2 AND TA-41) (LONGMIRE ET AL., 1996).



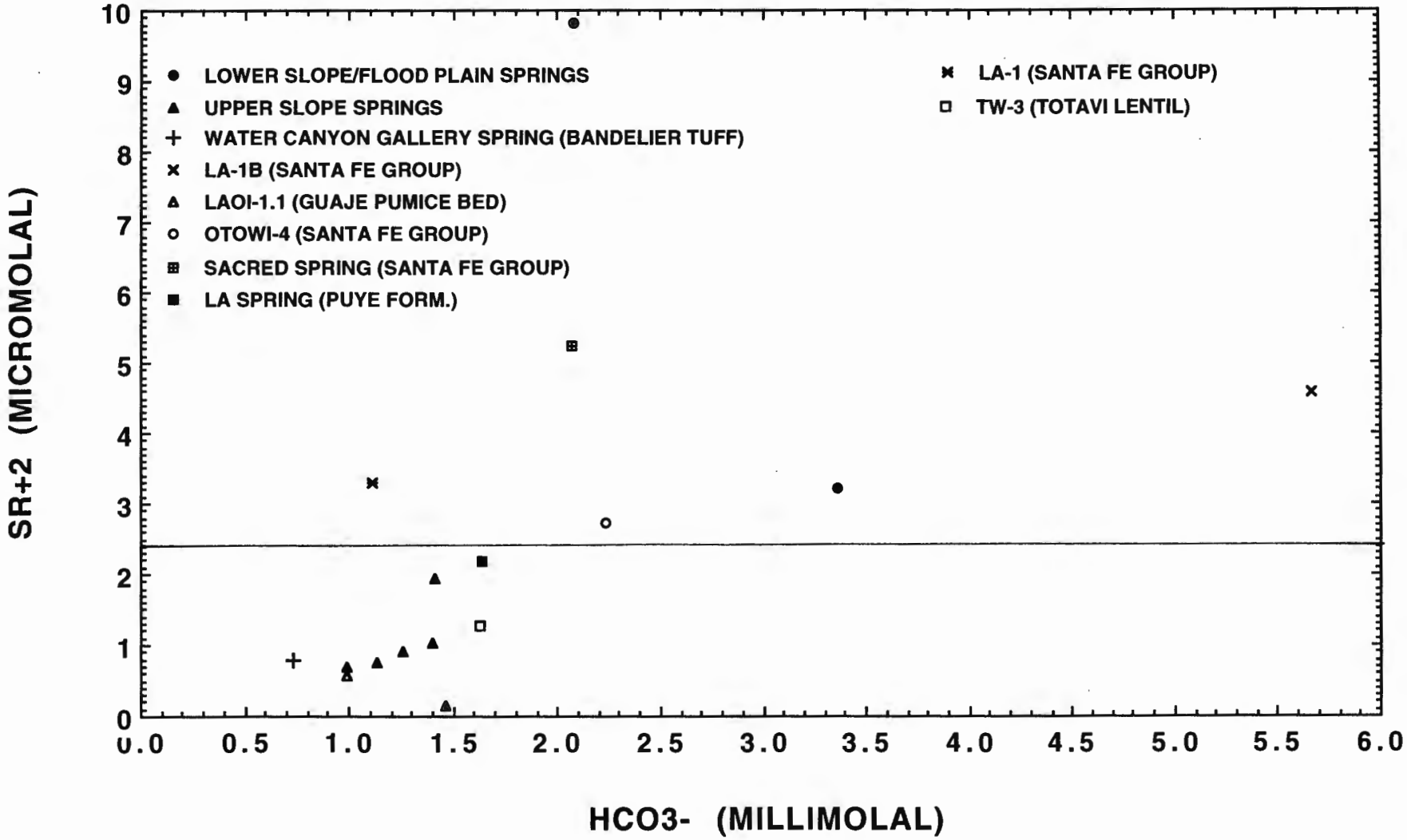
WHITE ROCK CANYON SPRINGS, SHALLOW AND PERCHED GROUNDWATER, AND SANTA FE GROUP GROUNDWATER, LOS ALAMOS, NEW MEXICO.



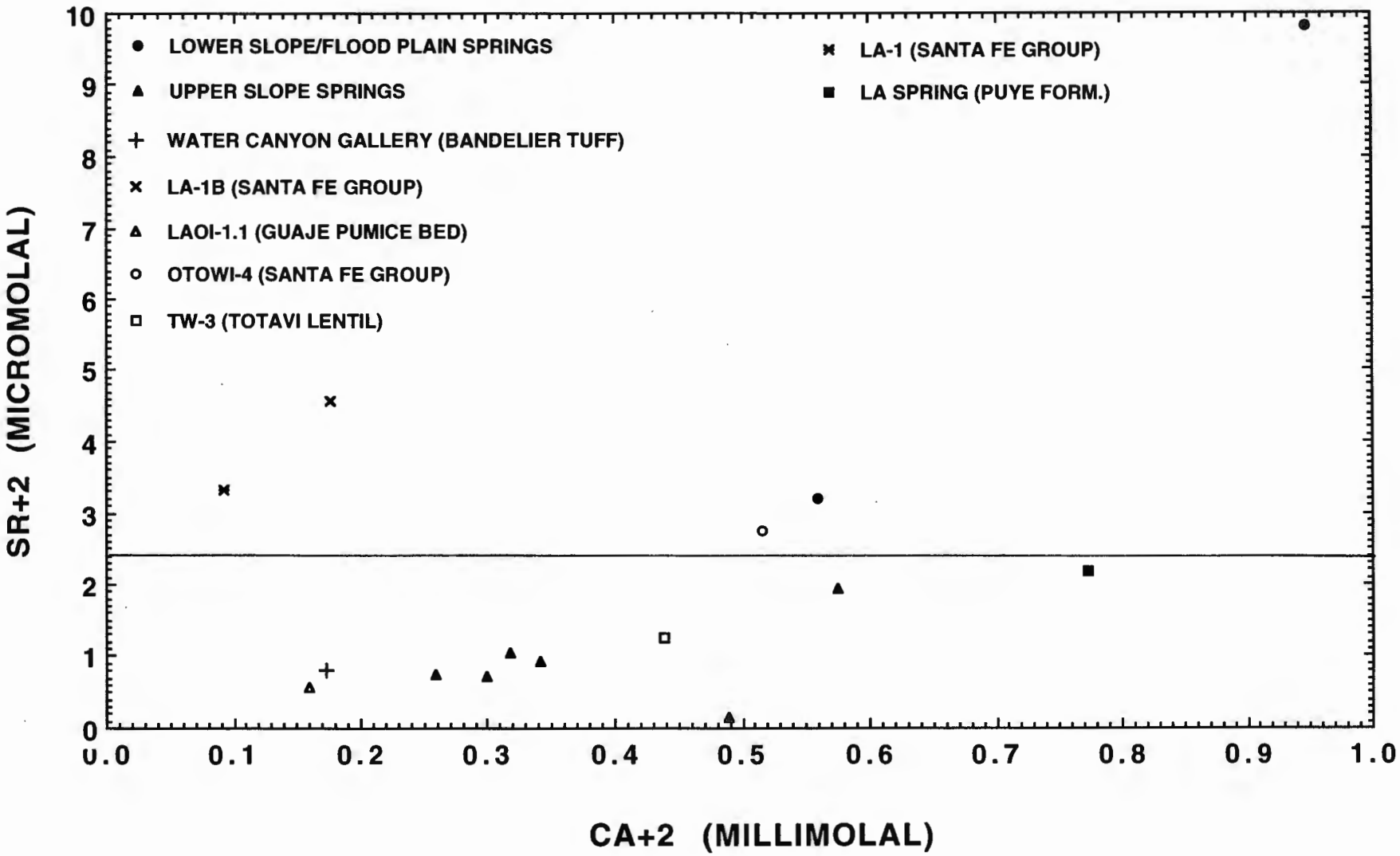
CALCIUM AND BICARBONATE CONCENTRATIONS VERSUS CALCITE SATURATION INDEX FOR SELECTED GROUNDWATERS, PAJARITO PLATEAU, NEW MEXICO.



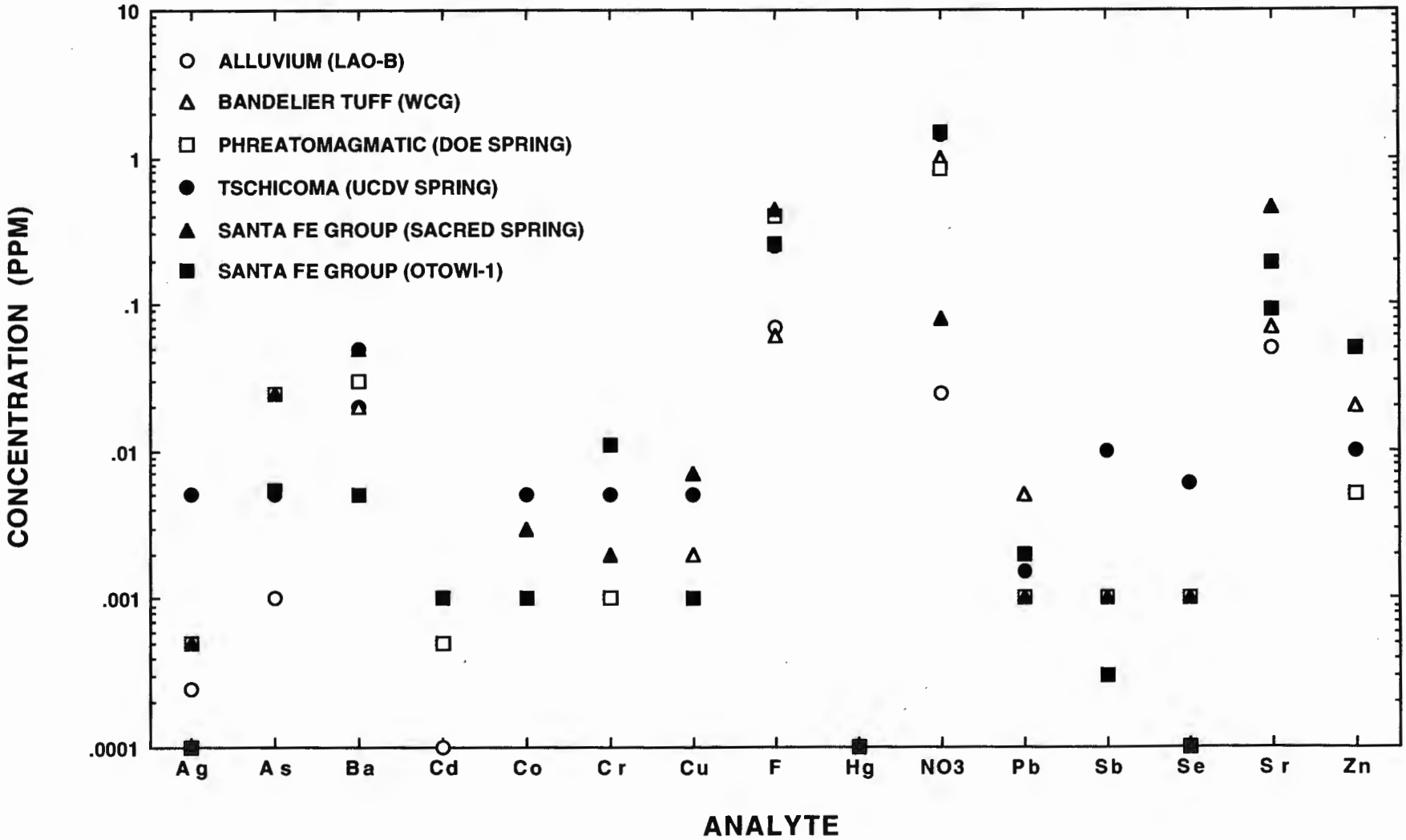
WHITE ROCK CANYON SPRINGS, PERCHED GROUNDWATER, AND SANTA FE GROUP GROUNDWATER, LOS ALAMOS, NEW MEXICO.



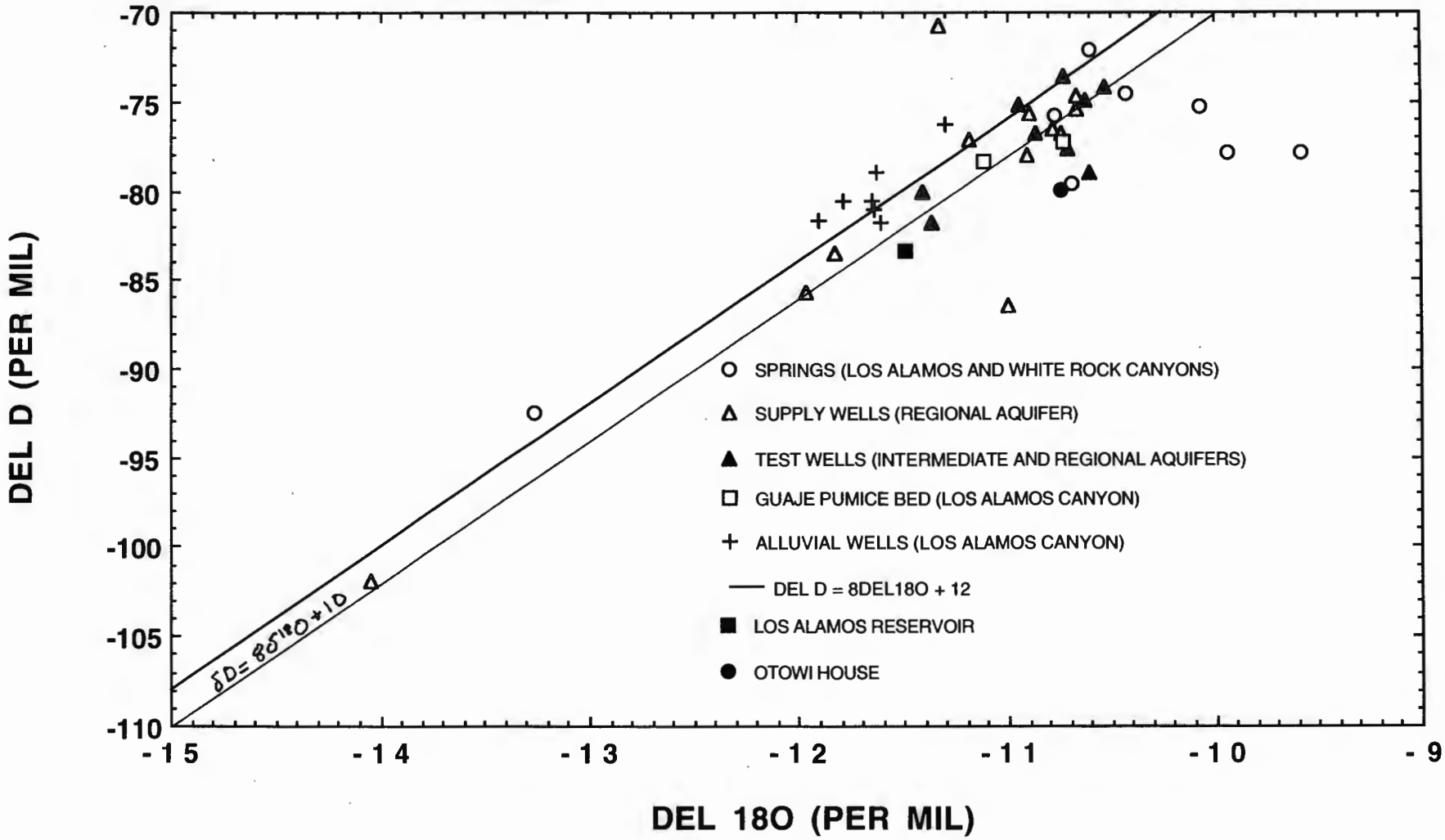
WHITE ROCK CANYON SPRINGS, PERCHED GROUNDWATER, AND SANTA FE GROUP GROUNDWATER, LOS ALAMOS, NEW MEXICO.



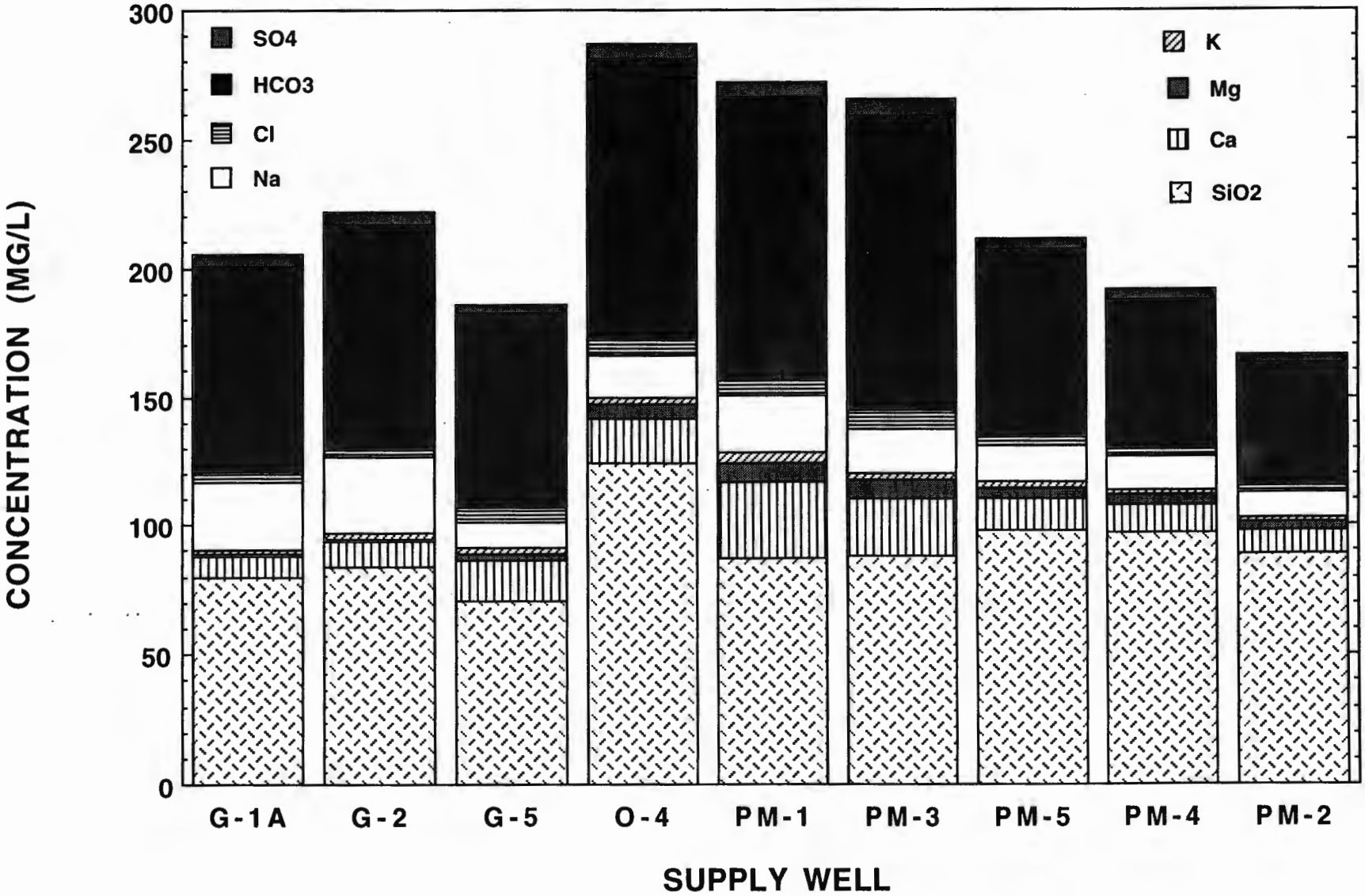
TRACE ELEMENT CONCENTRATIONS IN LANL BACKGROUND GROUNDWATERS AND SPRINGS, LOS ALAMOS, NEW MEXICO (AIP, 1996; BLAKE ET AL., 1995; LONGMIRE ET AL., 1996).

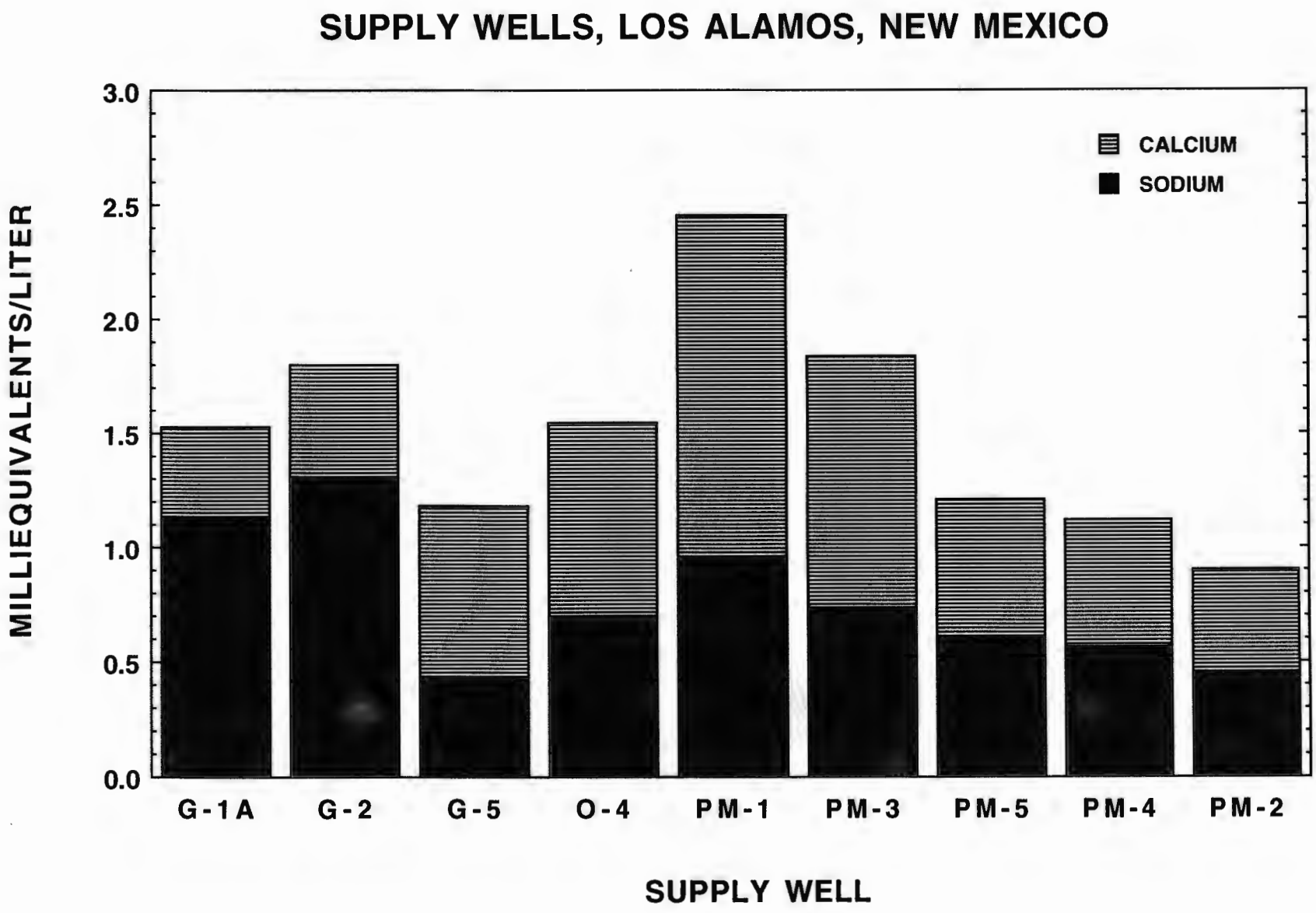


STABLE ISOTOPE DATA FOR SEVERAL GROUNDWATERS AND SPRINGS ON THE PAJARITO PLATEAU, NEW MEXICO.



SUPPLY WELLS, REGIONAL AQUIFER, LOS ALAMOS, NEW MEXICO.




SUPPLY WELLS, LOS ALAMOS, NEW MEXICO
CALCIUM
SODIUM
MILLIEQUIVALENTS/LITER
3.0
2.5
2.0
1.5
1.0
0.5
0.0
G-1A
G-2
G-5
O-4
PM-1
PM-3
PM-5
PM-4
PM-2
SUPPLY WELL