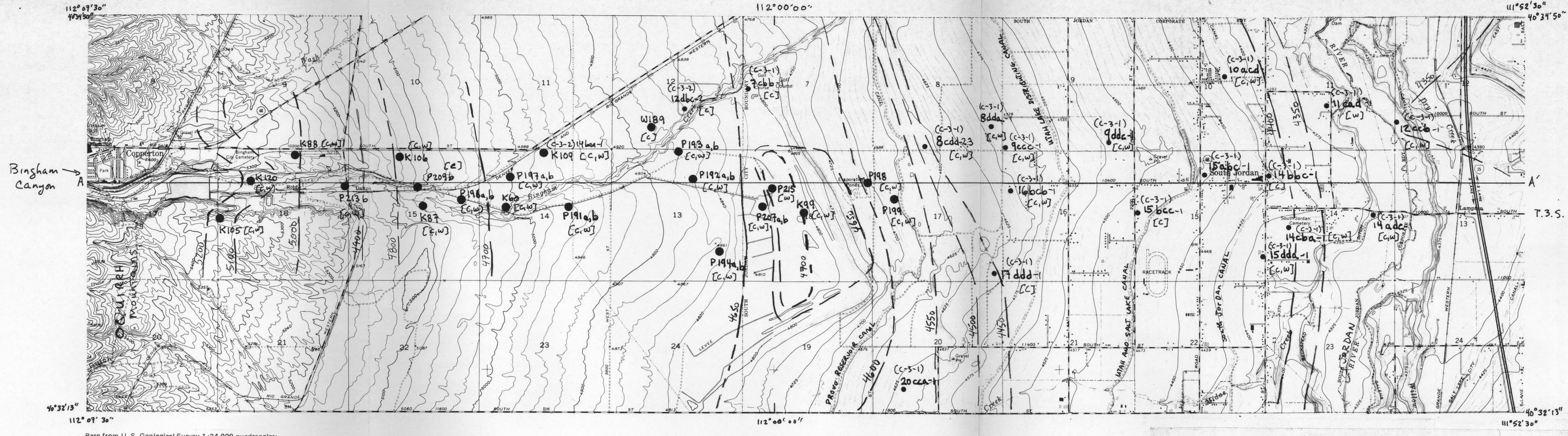
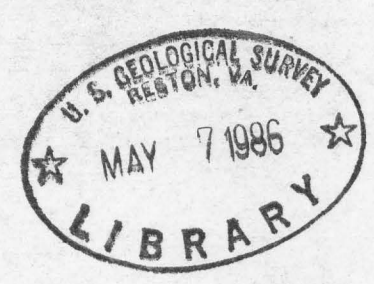


200
A280
no. 86-137



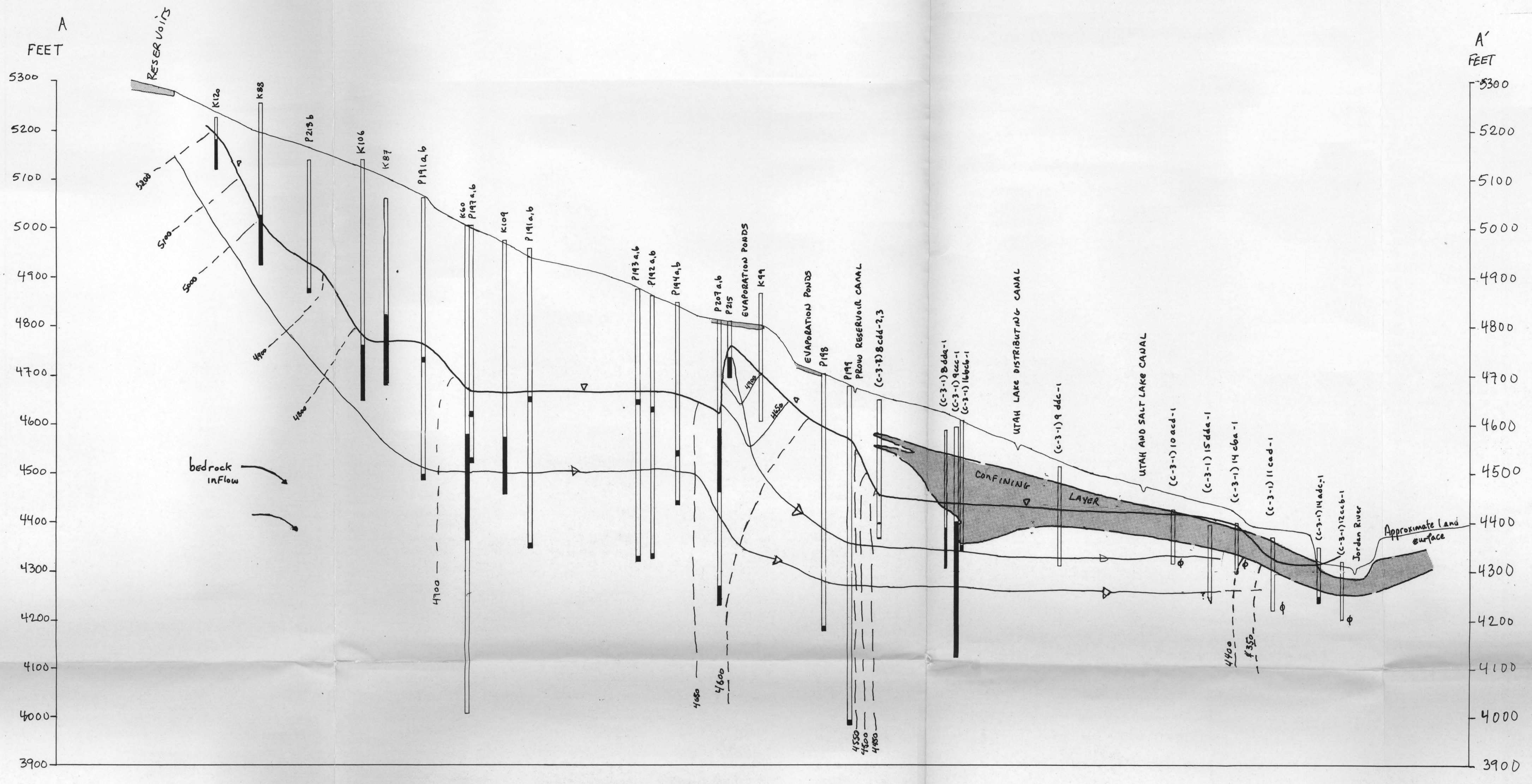
Base from U. S. Geological Survey 1:24,000 quadrangles:
Maple 1962, photorevised 1969 and 1975; and Lake
1952, photorevised 1969 and 1975.

EXPLANATION

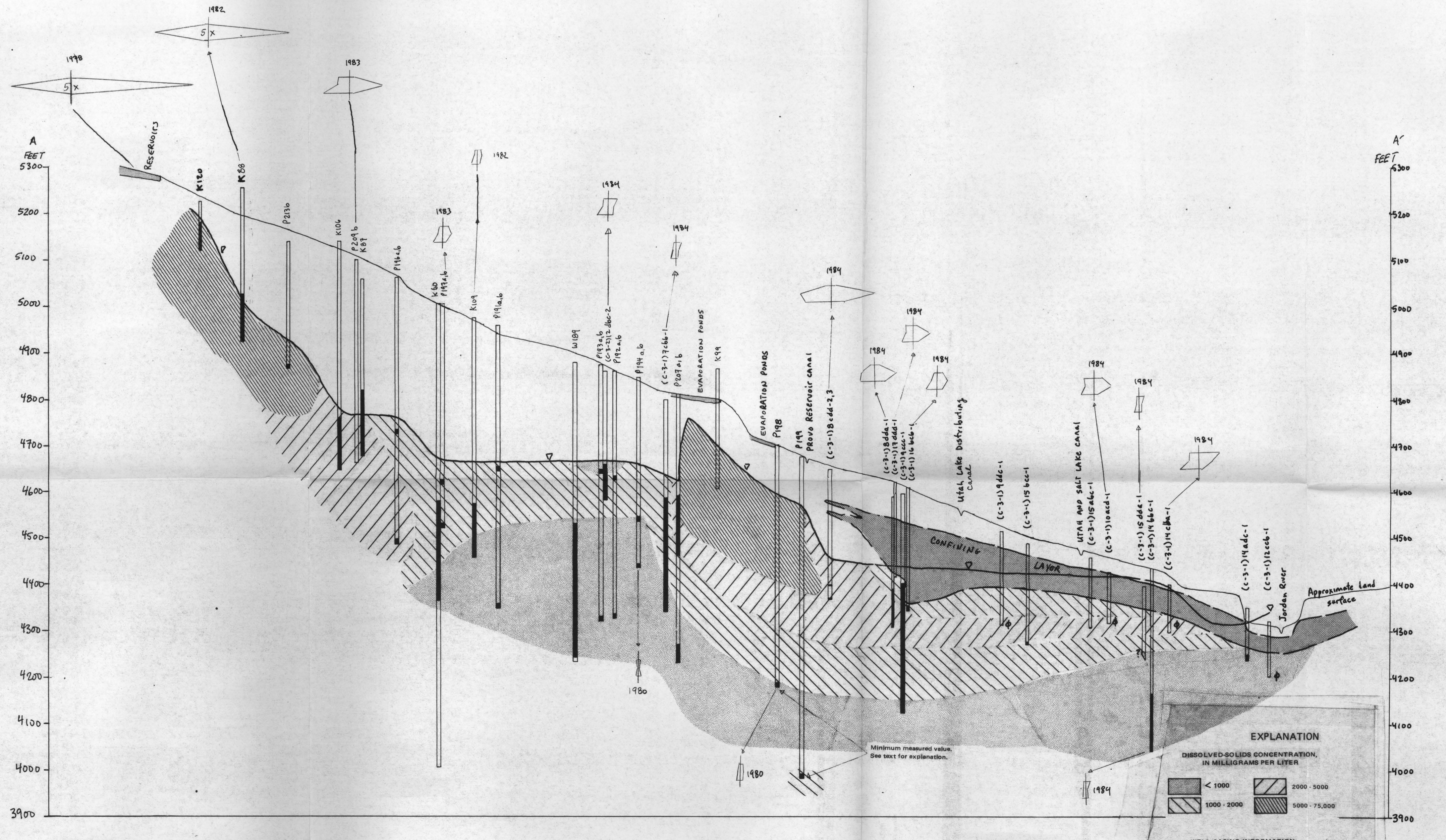
K109
[C.W.] ● KENNETT MINERALS CO. OBSERVATION WELL WITH LOCAL WELL IDENTIFICATION NUMBER—Letter in brackets; C—Chemical quality data from Kennett Minerals Co. (1984b, p. A16-A50); W—Water levels from Kennett Minerals Co. (1984b, p. A2-A5)

[C-3-1] 1956-1
[C.W.] ● U. S. GEOLOGICAL SURVEY OBSERVATION WELL AND NUMBER—Letter in brackets; C—Chemical analysis used in geohydrologic section from Seltzer (in press, table 4); W—Water levels from Seltzer (in press, table 2)

—4400— WATER LEVEL CONTOUR—Shows altitude of water level. Dashed where approximately located. Contour interval 50 and 100 feet. National Geodetic Vertical Datum of 1929



THESE 2 CROSS-SECTIONS WILL BE COMBINED
IN COLOR FOR FINAL ILLUSTRATION



EXPLANATION

DISSOLVED SOLIDS CONCENTRATION, IN MILLIGRAMS PER LITER

< 1000 1000-2000 2000-5000 5000-75,000

WELL-CASING INFORMATION

Perforated zone
Unknown depth
Open well

— APPROXIMATE POTENTIOMETRIC SURFACE
— LINE OF EQUIPOTENTIAL PRESSURE HEAD—In feet above National Geodetic Vertical Datum of 1929. Interval 50 and 100 feet. Dashed where approximately located
— FLOW LINE—Shows direction of ground-water movement

MAP AND GEOHYDROLOGIC SECTION SHOWING THE APPROXIMATE POTENTIOMETRIC SURFACE, DIRECTION OF GROUND-WATER MOVEMENT, AND CONCENTRATION OF DISSOLVED SOLIDS ALONG FLOW LINE FROM THE OQUIRRH MOUNTAINS TO THE JORDAN RIVER, SALT LAKE VALLEY, UTAH

WATER QUALITY DIAGRAM (AFTER STEFF, 1961)

1984 Number by diagram is year of analysis

Sodium (Na) + Potassium (K) Chloride (Cl) and Fluoride (F)
Magnesium (Mg) Sulfate (SO₄)
Calcium (Ca) Bicarbonate (HCO₃) and Carbonate (CO₃)

0 10 20 30
100 75 0 25 50
5%
MILLIEQUIVALENTS PER LITER