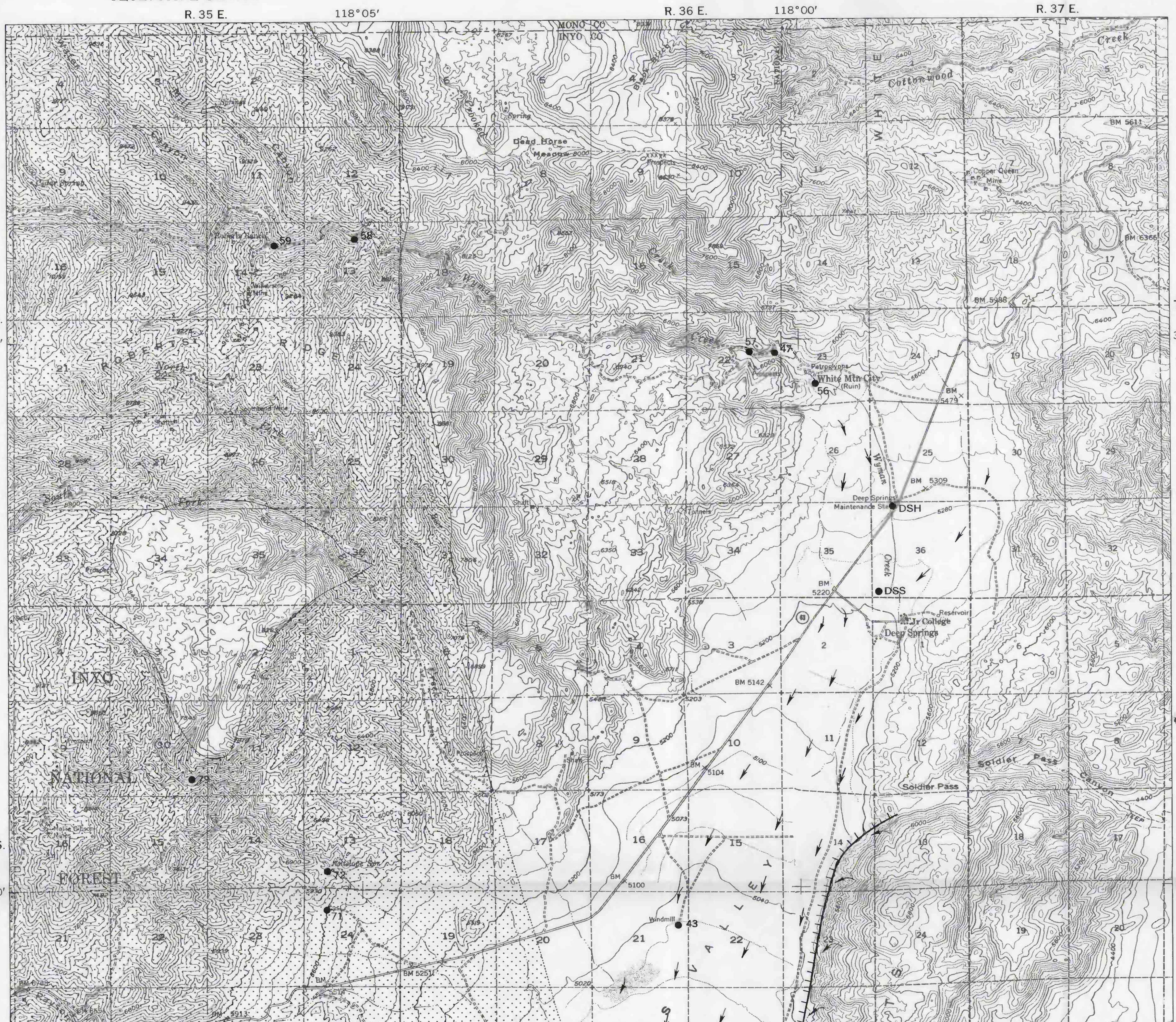
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PROFESSIONAL PAPER 502-A
PLATE 1



EXPLANATION

Bedrock geology

Granitic rocks mostly quartz monzonite

Sedimentary and metasedimentary rocks

Generalized contact of intrusive and sedimentary rocks; dotted where concealed by alluvium

Normal fault
Hachures on downthrown side

●DSH
Deep Springs Maintenance Station

●DSS
Deep Springs School irrigation well

●44
Sampling site

General areal direction of ground water movement in valley sediments

Base map from U.S. Geological Survey Blanco Mtn (1951) and Soldier Pass (1958) quadrangles, California

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1964—W64367

Geology after C. A. Nelson (1963)

GENERALIZED GEOLOGIC MAP OF THE DEEP SPRINGS VALLEY, CALIFORNIA SHOWING SAMPLING SITES OUTSIDE THE DEEP SPRINGS LAKE AREA AND THE GENERAL PATTERN OF WATER MOVEMENT IN THE AREA

SCALE 1:62 500

1 ½ 0 1 2 3 4 5 MILES

1 .5 0 1 2 3 4 5 KILOMETERS

CONTOUR INTERVAL 80 FEET
DATUM IS MEAN SEA LEVEL