UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
IDAHO DEPARTMENT OF WATER RESOURCES

74-221

EXPLANATION

(1) (4)
65.0 208
136 106
(2) (3)

TEMPERATURES, IN DEGREES CELCIUS--
(1) Measured water temperature at the surface.
(2-4) Estimated aquifer temperatures: (2) silica geochemical thermometer, curve A, Fournier and Truesdell (1970); (3) sodium-potassium-calcium geochemical thermometer, Fournier and Truesdell (1973); (4) mixed-water method (temperature of the hot-water component) Fournier and Truesdell (model 1, 1974); dash indicates no intercept or temperature above 220°C. Asterisk indicates temperature not computed.

○ 34ddd1 SAMPLED WELL AND NUMBER

○ 34dcb1S SAMPLED SPRING AND NUMBER

AREA OF LOW RESISTIVITY
Less than 22 ohm-metres (adapted from fig. 14, app. A)

0 2 3 4 Miles

Base from Idaho Department of Highways County maps

FIGURE 52.--Estimated aquifer temperatures and water temperatures measured in wells and springs in the Bruneau-Grand View area, southwest Idaho.