

**EXPLANATION**

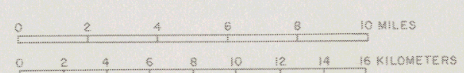
- <sup>750</sup> WELL OR TEST HOLE--Number indicates minimum combined thickness, in feet of basin fill and permeable(?) volcanic clastics estimated from drillers' logs, electrical logs, or other data. >="more than"
- <sup>490</sup> U. S. GEOLOGICAL SURVEY TEST HOLE
- <sup>97</sup> SEISMIC SHOTPOINT--Number indicates estimated combined thickness, in feet of basin fill and permeable(?) volcanic clastics
- ▲<sup>100</sup> ELECTRICAL SOUNDING-- Top number indicates sounding number. Bottom number is estimated combined thickness, in feet of basin fill and permeable(?) volcanic clastics. <="less than"
- F ← F' ELECTRICAL-SOUNDING PROFILE-- Shows location of profile shown on Figures 3e, 3f, and 3h
- W ← W' SEISMIC-SHOTPOINT PROFILE-- Shows location of profile on Figure 3t

- 500 — LINE OF EQUAL THICKNESS OF BASIN FILL-- Interval 500 feet (150m)
- 500 — LINE OF EQUAL THICKNESS OF BASIN FILL AND PERMEABLE (?) VOLCANIC CLASTICS-- Interval 500 feet (150m)
- ▨ AREA CONTAINING SIGNIFICANT AMOUNTS OF FRESH WATER

NOTE. In the vicinity of Valentine, the fresh water zones have been separated into two areas. They are referred to as "restricted" and "extended" in Table 2. This separation is based on the reliability and amount of hydrologic data

- OUTCROP OF CONSOLIDATED ROCKS-- Outside the mountain and upland areas

NOTE: To obtain meters multiply feet by 0.3048



Base from U.S. Geological Survey 1:250,000 quadrangles

**Figure 14**  
 Hydrologic Data for Ryan Flat and Adjacent Areas Along the Rio Grande and Locations of Electrical Soundings and Seismic Shotpoints