



EXPLANATION

- Surface extent of Butte Valley basalt
- Probable subsurface extent of Butte Valley basalt
- Boundary of Butte Valley
- Water-level contour
Dashed where uncertain; arrow indicates direction of ground-water movement; contour interval 5 feet, datum is mean sea level
- Well penetration in Butte Valley basalt
Top of basalt, 58/; bottom of basalt, /91; depth in feet below land surface
- Well penetrating older volcanic rocks of the "High Cascades" beneath lake deposits
Number indicates depth to rock, in feet below land surface
- Water well
- Flowing well
- Destroyed well
- Test well
Drilled by the U. S. Bureau of Reclamation
- Spring
- Altitude of water surface, in feet, May 1954
- Number of well or spring referred to in text

Base from U. S. Geological Survey topographic sheets

PROBABLE SUBSURFACE EXTENT OF BUTTE VALLEY BASALT, AND WELLS THAT PENETRATE OLDER VOLCANIC ROCKS OF THE "HIGH CASCADES", BUTTE VALLEY REGION, CALIFORNIA

