



0 5 10 50 Feet  
1 in = 20 ft

EXPLANATION

MCM-5A  
MCO-3

Moisture-measurement access tube with curves showing the moisture content. The bar scale shows percent moisture by volume. The solid line is the graph of the moisture content measured April 11-14, 1961; the dashed line is the graph of the moisture content measured May 23-25, 1961; the dotted line is the graph of the moisture content measured June 14-16, 1961. Where the May and June curves coincide with the April curve only the solid line is shown. Where the June curve coincides with the May curve, only the dashed line is shown. A supplemental curve, determined on June 6, 1961, is shown by crosses at MCM-8D.

Perforated part of casing  
Observation well  
Hydrograph showing changes of water level in the observation well. Circles show the position of the water level during the periods of measurement of moisture content of the moisture-measurement access tubes. Measurements were made in 1961.

Figure 7.-- Profiles across Mortandad Canyon showing water levels and moisture content of the alluvium and the Tshirege and Otowi Members of the Bandelier Tuff.