



EXPLANATION

- BOUNDARY OF GEOLOGIC ROCK SYSTEMS--Dashed where approximate
- ? - BOUNDARY OF RESERVOIR AND CONFINING UNITS--Queried where questionable
- UPPER AND LOWER DEPTH LIMIT FOR POTENTIAL WASTE-STORAGE RESERVOIR ENVIRONMENT
- Well 211
67/10
I
V
GR R
T.D. 2875 m
- WELL--Number is sequential well number (see table 1 in back of report)
- ROCK THICKNESS AND AVERAGE POROSITY--Top number in fraction is thickness of rock, in meters, with porosity greater than 5 percent, and bottom number is the average porosity of that rock. Fraction is placed near mid-point of porosity zone
- INTERSTITIAL POROSITY, REPORTED
- VUGULAR POROSITY, REPORTED
- GEOPHYSICAL LOGS USED--GR, Gamma ray log; N₁, Neutron log; BD, Bulk density log; R, Resistivity log; SP, Spontaneous potential log; S, Sonic log
- TOTAL DEPTH OF WELL, IN METERS
- GEOLOGIC UNITS
- P Permian rocks
- MP Mississippian rocks
- D Devonian rocks
- S Silurian rocks
- O Ordovician rocks
- E Cambrian rocks
- PE Precambrian rocks

Figure 10.--Generalized geologic cross section E-E' from Grundy County, Tennessee, to Washington County, Pennsylvania