CORRELATION OF MAP UNITS

Qul  Holocene and Pliocene
Qs  Pleistocene
Tr  Tertiary
Ter  Miocene and Oligocene
Til  Oligocene and Eocene
Ks  Cretaceous

DESCRIPTION OF MAP UNITS

Qul  ALLUVIUM - Unconsolidated deposits of silt, sand, and gravel
Qs  LANDSLIDE DEPOSITS - Unstratified and unsorted mixtures of basaltic, tuffaceous, and sedimentary rocks
Tr  RATTLESNAKE FORMATION - Conglomerate, gravel, sand and interbedded rhyolitic tuff
Ter  COLUMBIA RIVER BASALT GROUP (Undifferentiated) - Obsidian-bearing basaltic flows, tuff, and ash flows
Til  JOHN DAY FORMATION - Tuffaceous siltstone, rhyolitic and ash-flow tuff, and pyroclastic conglomerate
Ks  CLARNO FORMATION - Andesitic flows, flow breccia, tuff, siltstone, and conglomerate

SEDIMENTARY ROCKS - Shale, siltstone, and conglomerate

CONTACT

UAD  Fault - Dashed where approximately located; U, upthrown side; D, downthrown side
SYNCLINE - Fold axis, arrow shows direction of plunge

PROPOSED UNIT BOUNDARY - November 1977

STRIKE AND DIP OF BEDS

WELL - Location number shown
SPRING - Location number shown

PROPOSED WELL SITE

PROPOSED CAMPGROUND

1404552  STREAM GAGING STATION - Station number shown

INDEX MAP OF OREGON SHOWING LOCATION OF STUDY AREA

GEOHYDROLOGIC MAPS OF CLARNO, PAINTED HILLS, AND SHEEP ROCK UNITS OF THE JOHN DAY FOSSIL BEDS NATIONAL MONUMENT, OREGON