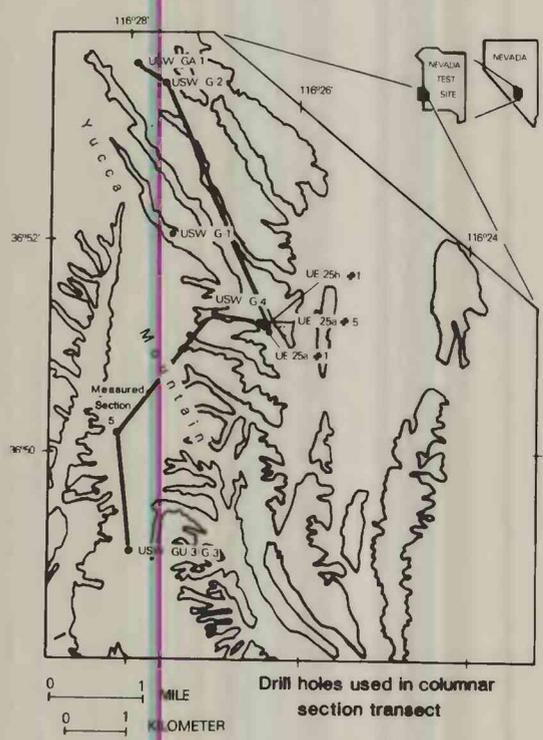


◇ TOPOPAH SPRING MEMBER



- EXPLANATION**
- weathered pyroclastics, upper surfaces commonly oxidized, red to brown
 - pyroclastic surge, laminated, rare carbonized plant fragments
 - pyroclastic fall
 - pyroclastic fall, pumice rich, characterized by mafic-rich lithics
 - pyroclastic fall, contains dark gray to black glass shards and bubbles
 - pyroclastic fall, contains clear gray glass shards
 - pyroclastic fall, characterized by light gray pumice that commonly comprises 90% of the unit
 - silty to very fine ash beds within pyroclastic fall
 - pyroclastic flow, nonwelded
 - no sample available
 - local, dipping fault
 - solid line represents a distinct depositional break
 - dashed line denotes a texture or color change within a unit, or a gradational contact
- t.s. thin section sample location
- homogeneous section omitted
- Vertical Scale**
- 0
1
2
3
4
5 feet

References to authors indicate previously published stratigraphic boundaries.

Figure 30.--Columnar sections of bedded tuffs between the Tiva Canyon and topopah Spring Members.

47