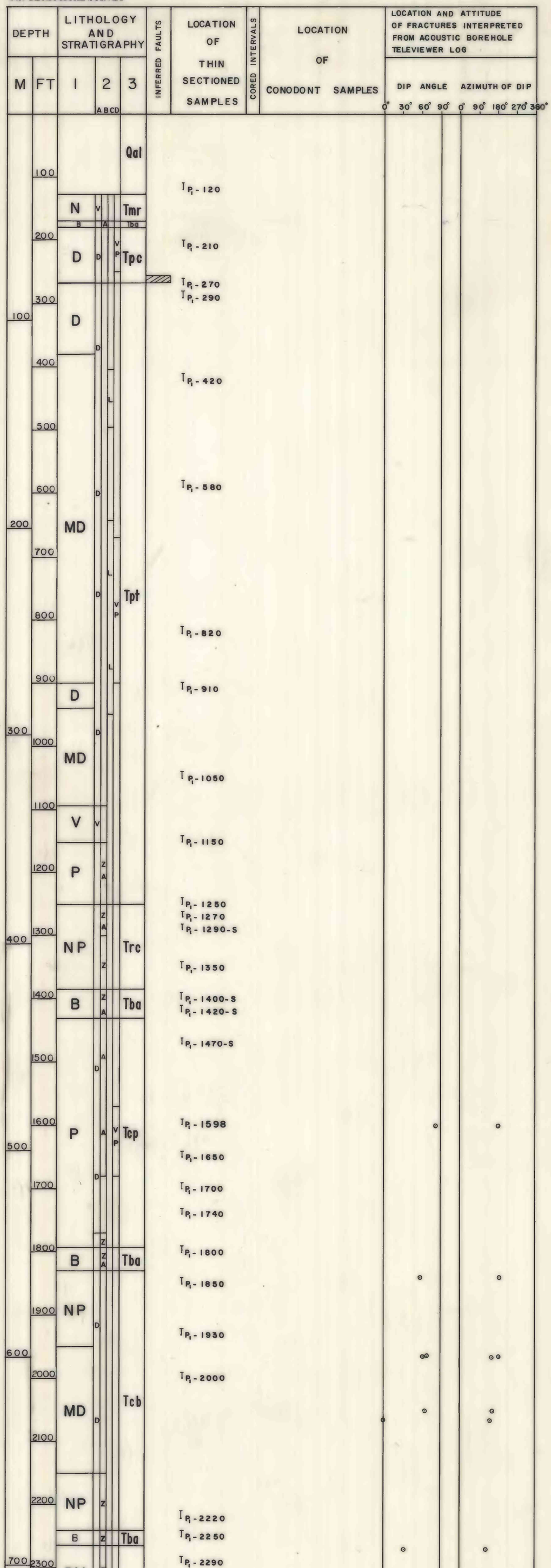

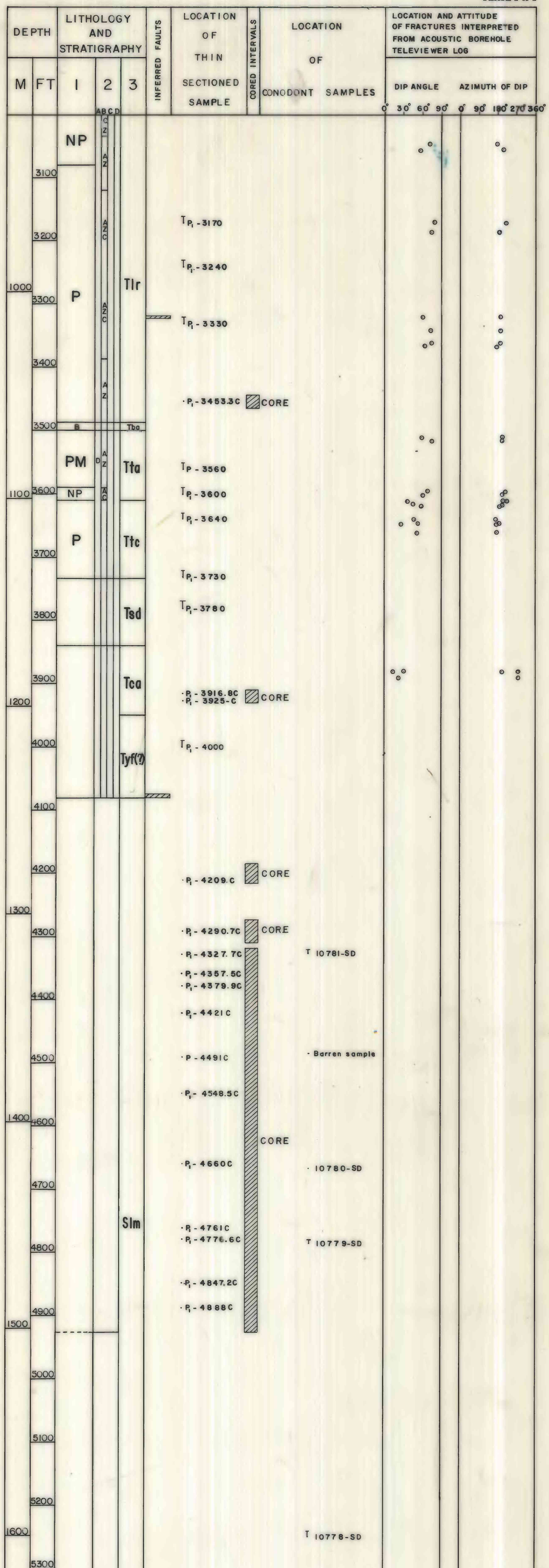

LITHOLOGY AND STRATIGRAPHY

(1) WELDED AND BEDDED ZONES
- N= Nonwelded
- NP= Nonwelded to Partially Welded
- P= Partially Welded
- PM= Partially to Moderately Welded
- M= Moderately Welded
- MD= Moderately to Densely Welded
- D= Densely Welded
- V= Vitrophyre
- B=Bedded
- D/V= Partially Vitric

(2) PRIMARY CRYSTALLIZATION AND SECONDARY ALTERATION IN VOLCANIC SECTION
- A. Crystallinity: V= Vitric, D = Devitrified
- B. Alteration: A = Clay, Z = Zeolites, C = Calcite
- C. Lithophysae: L = Zones Equal to Lithophysae
- D. Vapor Phase: VP= Vapor Phase Crystallization Present

(3) STRATIGRAPHIC UNITS
- Qal- Alluvium
- Tmr- Rainier Mesa Member of the Timber Mountain Tuff
- Tba - Bedded Tuff
- Tpc - Tiva Canyon Member of the Paintbrush Tuff
- Tpt - Tonopah Spring Member of the Paintbrush Tuff
- Trc - Rhyolite of Calico Hills
- Tcp- Prow Pass Member of the Crater Flat Tuff
- Tcb- Bullfrog Member of the Crater Flat Tuff
- Tct - Tram Unit of the Crater Flat Tuff
- Tlr - Lithic Ridge Tuff
- Tta - Older tuffs of drill hole USW-G1, unit a
- Ttc - Older tuff of drill hole USW-G1, unit c
- Tsd - Sedimentary deposits
- Tca - Calcified ash-flow tuff
- Tyf(?)- Tuff of Yucca Flat(?)
- Slm - Lone Mountain Dolomite
- Srm - Roberts Mountain Formation

(4) LOCATION OF SAMPLES

TP1- 270: Thin sectioned sample, dot indicates depth of sample from core, dot with bar indicates depth range of sample from drill bit cuttings, sample number indicates depth and letter suffix indicates type of sample (s= sidewall core, c= drill core, samples with no suffix are drill bit cuttings).

T19776-SD: Conodant sample, dot and bar symbols same as for thin section samples, sample number is U. S. Geological Survey Collection number and corresponds to fauna descriptions in appendix III. Collections are preserved at U. S. National Museum, Washington, D. C.

This report is preliminary and has not been reviewed for conformity with U.S. Geological Survey editorial standards and stratigraphic nomenclature.

GRAPHIC LOG OF LITHOLOGIC FEATURES IN DRILL HOLE UE25P 1