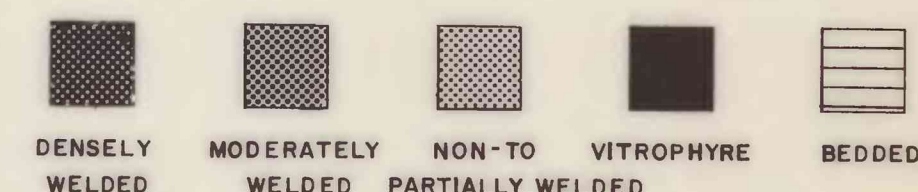


EXPLANATION

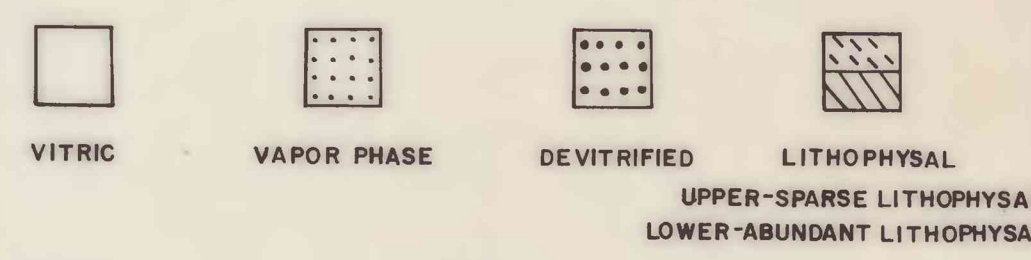
LITHOLOGY AND STRATIGRAPHY

(I) WELDING ZONES AND BEDDED INTERVALS



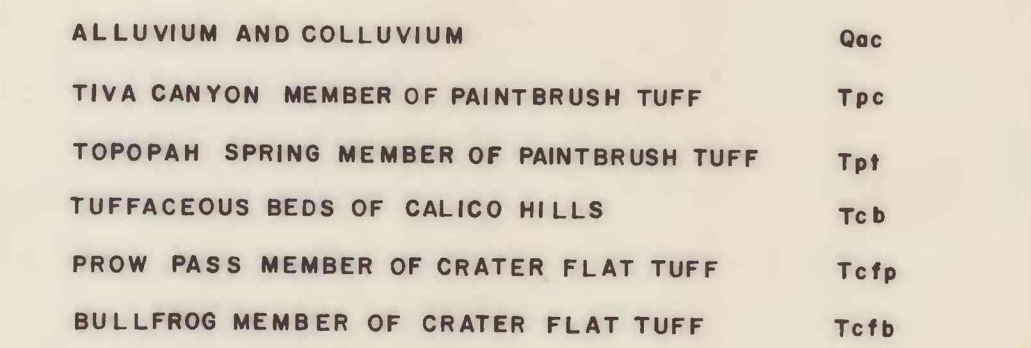
--- INDICATES GRADATIONAL CONTACT

(II) CRYSTALLIZED AND ALTERED ZONES



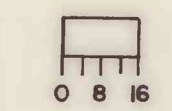
--- INDICATES GRADATIONAL CONTACT

(III) STRATIGRAPHIC UNITS



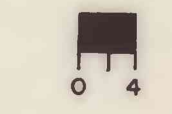
FRACTURE ZONES

(IV) JOINTS

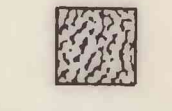


NUMBER OF MEASURED JOINT PLANES PER 10-FOOT INTERVAL

(V) FAULTS



NUMBER OF FRACTURE PLANES PER 10-FOOT INTERVAL ALONG WHICH DIFFERENTIAL MOVEMENT WAS RECOGNIZED



HIGHLY GRANULATED AND BRECCIATED INTERVALS ASSOCIATED WITH FAULTING

F1-F5 FAULT ZONES

$$\text{CORE INDEX} = \frac{(\text{FT BROKEN}) + (\text{FT CORE LOSS}) + (\frac{1}{2} \text{ JOINTS})}{(\text{DRILLED INTERVAL-FT})} \times 100$$

SWL STATIC WATER LEVEL

* INDICATES INTERVAL WHERE HOLE CONDITIONS RESTRICTED GEOPHYSICAL LOG COVERAGE

⌋ GEOPHYSICAL LOGS RUN BY BIRDWELL DIVISION OF SEISMOGRAPH SERVICE CORPORATION

GRAPHIC LOG SHOWING LITHOLOGIC, STRUCTURAL, AND GEOPHYSICAL FEATURES OF UE25a-1, YUCCA MOUNTAIN, NEVADA TEST SITE