DEPARTMENT OF THE INTERIOR
UNITED STATES GEOLOGICAL SURVEY

Prepared on behalf of the
U.S. Department of Energy

Open - File Report
84-788
Plate 1

116°40′ 116°30′ 36°50 36°40′

EXPLANATION

Q1	Holocene deposits	Holocene	Quaternary
Q2	Late and middle Pleistocene deposits	Pleistocene	
Qb	Basalt		
QTa	Early Pleistocene - Pliocene(?) deposits	Pliocene	
QTs	Pliocene - Pleistocene deposits		Tertiary
Tv	Tertiary volcanic rocks		
Pz	Paleozoic sedimentary rocks	Pennsylvanian through Precambrian	

Contact

Fault that offsets Quaternary deposits. Shown by long dashes where fault extends into Tertiary rocks and Quaternary movement is unknown. Dotted where concealed. Bar and ball on downthrown side. Letter symbol refers to description in text.

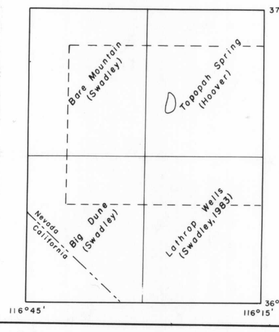
Fault scarp along which younger unit has been deposited. Hachures indicate post-fault deposits.

Fault of Tertiary age that was trenched but no evidence of Quaternary movement was found. Dotted where concealed.

14 — Trench site and number

X 113 — Sample locality described in text

BM-1 — Segment of Bare Mountain Fault Zone described in text.



SCALE 1:62 500

1 ½ 0 1 2 3 4 MILES

1 .5 0 1 2 3 4 KILOMETERS

D-01

Surficial deposits and late Cenozoic faulting in the area of Yucca Mountain