

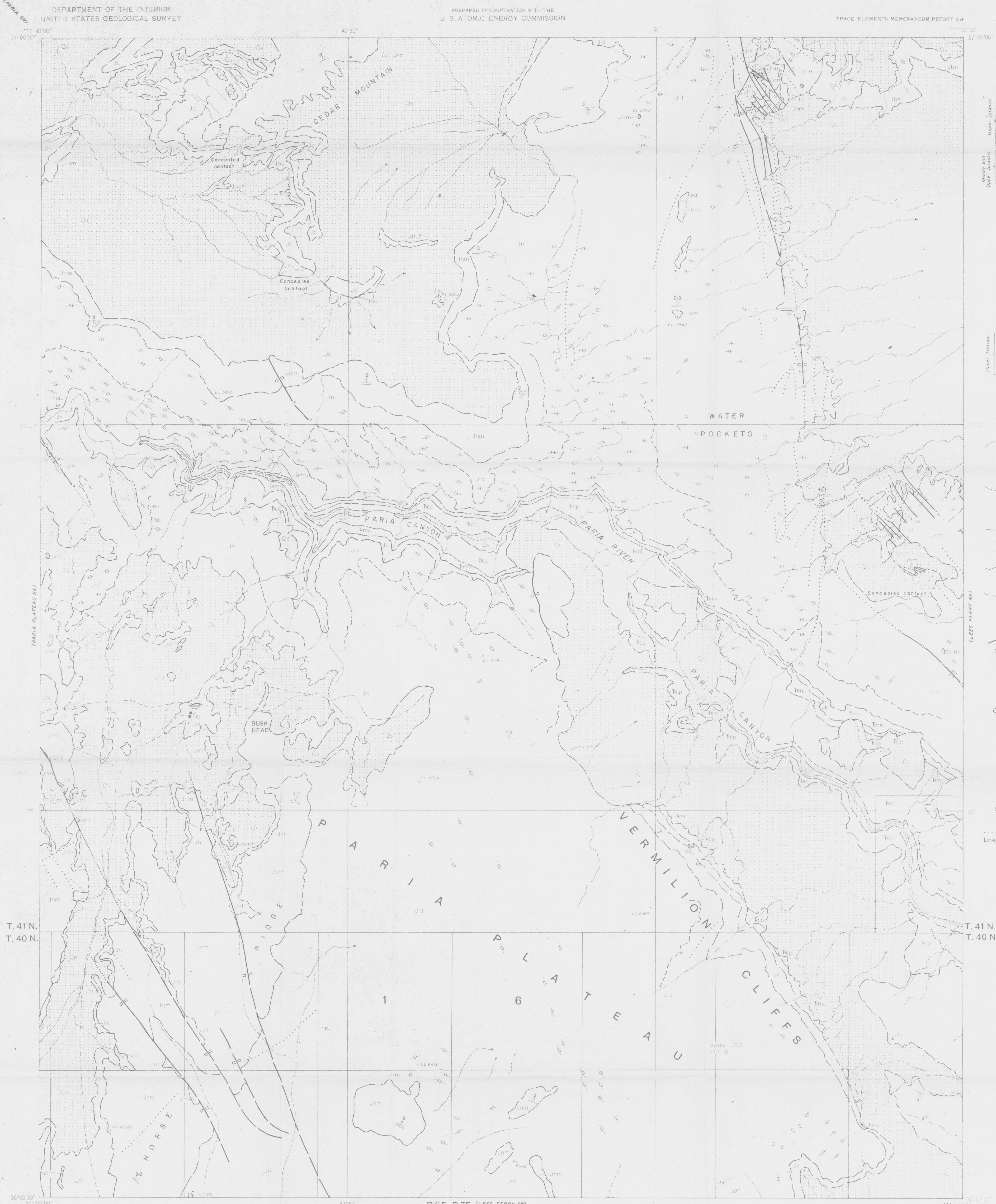
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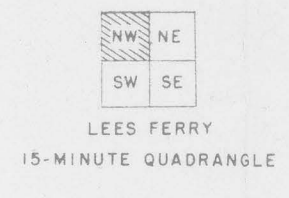
TRACE ELEMENTS MEMORANDUM REPORT 954



EXPLANATION

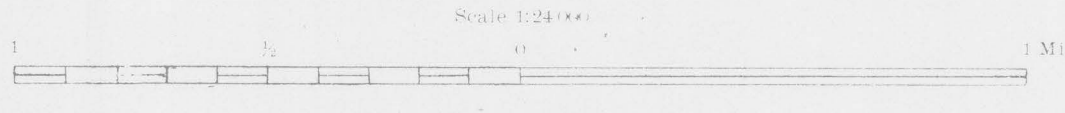
- Surficial deposits
 - Bluff sandstone and Entrada sandstone, undifferentiated
 - Carmel formation
 - Navajo sandstone
Upper unit, Jnu;
middle unit, Jnm;
lower unit, Jnl
 - Kayenta formation
 - Moenave formation
 - Petrified Forest member of the Chinle formation
 - Slump blocks of Triassic and Jurassic rocks
- QUATERNARY
 JURASSIC
 TRIASSIC (TRIASSIC?)
- Contact
Can be located within 30 feet horizontally
 - Contact
Can be located within 30 to 200 feet horizontally
 - Contact
Cannot be located accurately, probable error greater than 200 feet horizontally
 - Probable contact
 - Conspicuous bed within a formation
May be traceable only locally
 - Fault
U, upthrown side; D, downthrown side.
Dashed where approximately located;
dotted where concealed.
Questioned where probable.
 - Strike and dip of beds
Computed by photogrammetric methods
 - Approximate strike and dip of beds
Based on photointerpretation.
 - Inferred strike and dip of beds
Based on photointerpretation of trees where bedding is obscure
 - Strike of approximately vertical joints
Based on photointerpretation.
 - Linear feature uninterpretable on photograph
May be geologically significant.
 - Trail
 - Fence

Base map modified from U. S. Geological Survey preliminary topographic map, Lees Ferry NW quadrangle, Arizona.
 The aerial photographs used for photogeologic interpretation were taken in September, 1952.
 Roads as classified in this map series are as follows: Primary roads are maintained and graded, traversable by two-wheel-drive vehicles; secondary roads are traversable possibly by two-wheel-drive vehicles; trails are not traversable by four-wheel-drive vehicles except locally. When other information is lacking, roads are classified by their appearance on aerial photographs.



R.6E. R.7E. (LEES FERRY SW)
PHOTOLOGICAL MAP
 OF "THE"
LEES FERRY NW QUADRANGLE
COCONINO COUNTY, ARIZONA

By
 Kathleen McQueen



March 1956

This preliminary report is distributed without editorial and technical review for conformity with official standards and nomenclature. It is not for public inspection or quotation.

Stratigraphic column for this area modified from Am. Assoc. Petroleum Geologists Bull., v. 39, no. 2515-2524, 1955, and U. S. Geol. Survey Prof. Paper 164, 1931. Geographic field data from U. S. Geol. Survey aerial photo map, Lees Ferry NW quadrangle, Ariz.