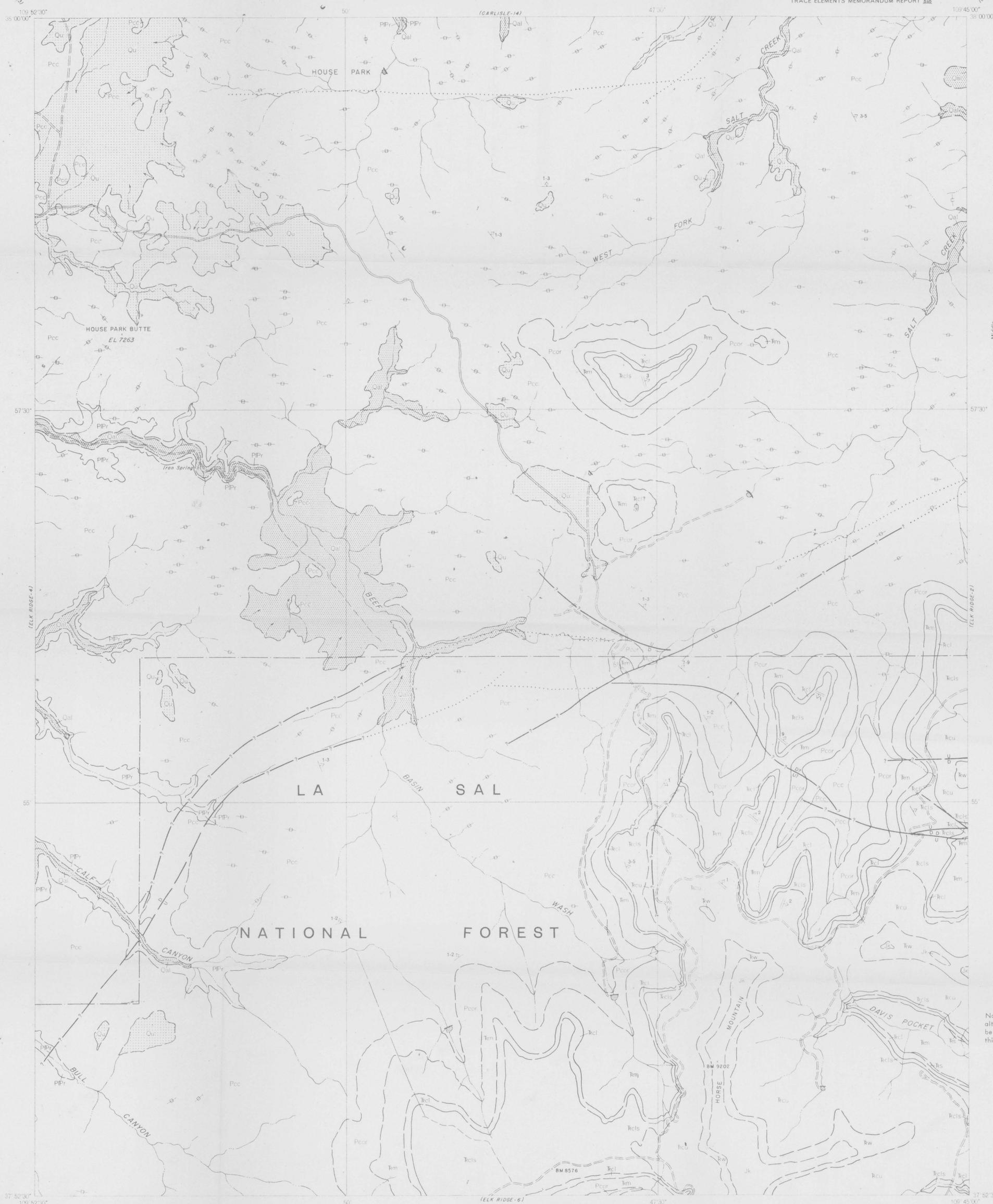


(200)
767mm



EXPLANATION

- Qal
Alluvium
- Qu
Undifferentiated sand,
residual mantle and slope wash
- Jk
Kayenta formation
- Tw
Wingate sandstone
- Rcu
Rcls
Rcl
Chinle formation
Upper part, Rcu;
sandstone unit of lower part, Rcls;
lower part, Rcl
- Rs
Shinarump conglomerate(?)
- Rm
Moenkopi formation
- Pcor
Pcc
Cutler formation
Organ Rock tongue, Pcor;
Cedar Mesa sandstone member, Pcc
- PIPr
Rico formation

- 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.
- Fault
Dashed where approximately located
U, upthrown side; D, downthrown side
Questioned where probable.
- Monocline
Approximately located.
- Strike and dip of beds
Computed by photogrammetric methods.
- Approximate strike and dip of beds
Based on photointerpretation.
- Strike of approximately vertical joints
Based on photointerpretation.
- Linear feature uninterpretable on photograph
May be geologically significant.
- National Forest
boundary
- Primary road
- Secondary road
- Trail
- Fence
- Surveyed line

Note: Additional lenses of Shinarump conglomerate, although not recognizable on aerial photographs, may be present along the Moenkopi-Chinle contact in this area.

Base map compiled by U.S. Geological Survey from vertical aerial photographs. The aerial photographs used for photogeologic interpretation were taken in October and November 1962.

This map is preliminary and has not been edited or reviewed for conformity with U.S. Geological Survey standards and nomenclature.

4	3	2	1
5	6	7	8
12	11	10	9
13	14	15	16

ELK RIDGE QUADRANGLE

PHOTOGEOLOGY BY C.L. PILLMORE AND J.C. REED, JR.

SCALE 1:24,000
DECEMBER 1964

Roads as classified in the map are shown with the following symbols: Primary roads are indicated by a solid line; secondary roads by a dashed line; and trails by a dotted line. The symbols for roads are shown in the legend.

Stratigraphic column for this area modified from U.S. Geological Survey Trace Elements Memo Report 846 (August 1964). U.S. Geological Survey Fact Paper 596 (1962) and U.S. Geological Survey Bulletin 841 (1965). Geographic data from U.S. Forest Service map, Utah National Forest, 1962 and U.S. Geological Survey topographic map, Elk Ridge quadrangle, Utah, 1962.

This map was compiled mainly from photogeologic data but has not been checked in the field. It has not had the usual check through field observations with respect to map projection and scale.

(CARLISLE-14)
(ELK RIDGE-4)
(ELK RIDGE-6)
(ELK RIDGE-5)

(ELK RIDGE-2)
(ELK RIDGE-1)