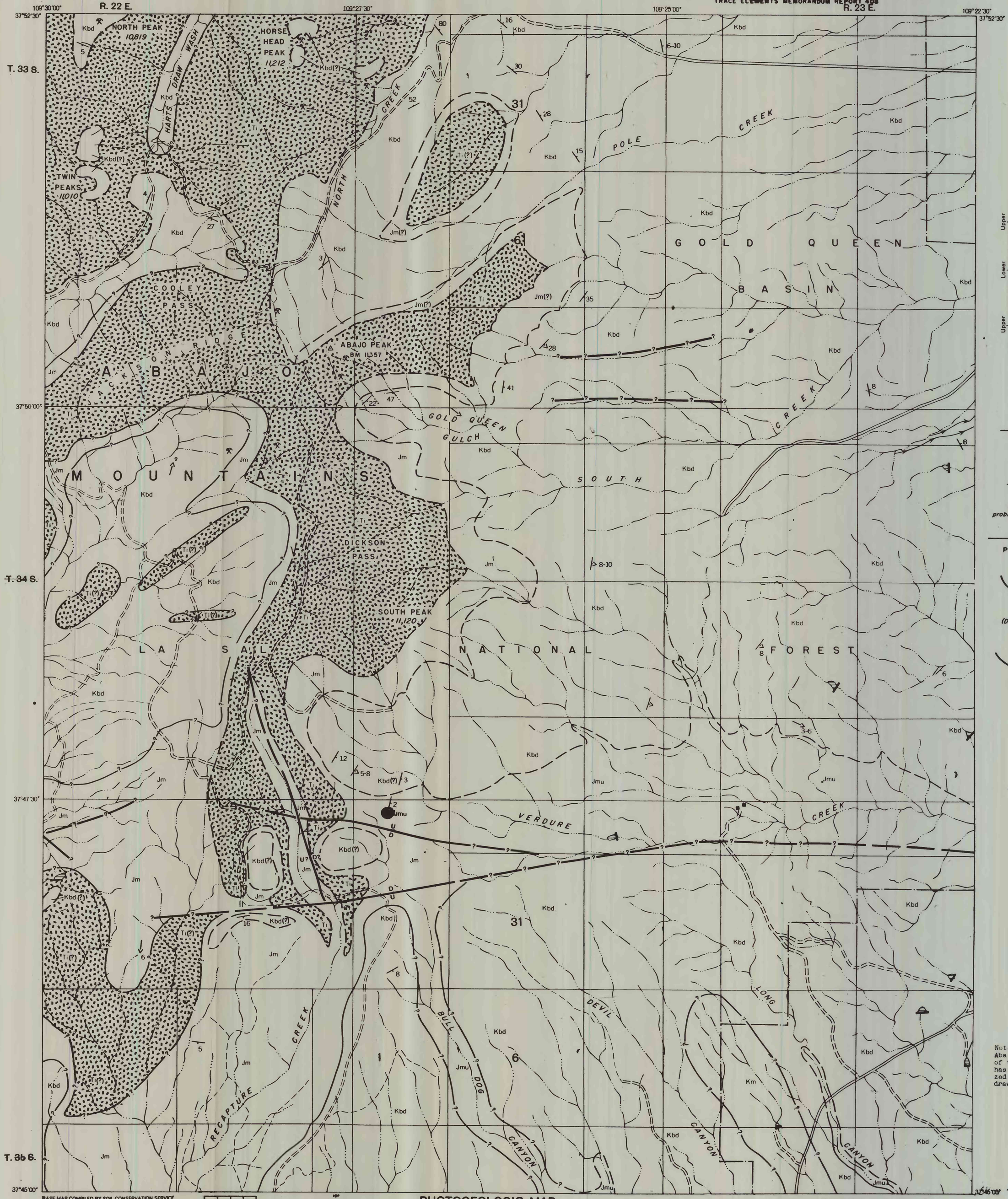
52-64

U. S. DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

PREPARED IN COOPERATION WITH THE
ATOMIC ENERGY COMMISSION

COMPILATION OF PHOTOGEOLOGY AND SURFACE GEOLOGY COLORADO PLATEAU AREA, UNITED STATES

TRACE ELEMENTS MEMORANDUM REPORT 408



EXPLANATION

SEDIMENTARY ROCKS

Upper	Km	Mancos shale	CRETACEOUS
Lower	Kbd	Burro Canyon formation and Dakota sandstone, undifferentiated (In places may be overlain by Mancos shale)	CRETACEOUS
Upper	Jm / Jmu	Morrison formation Upper part, Jmu, equivalent to Brushy Basin shale member	JURASSIC

IGNEOUS ROCKS

	Ti	Intrusive rocks — TERTIARY

Contact
(Can be accurately located within 30 feet horizontally)

Contact
(Cannot be located accurately; probable error greater than 200 feet)

Probable or doubtful contact

Fault
(Dashed where approximately located)

Probable or doubtful fault

52 — Strike and dip of beds
(Based on field measurement)

75 — Strike and dip of beds
(Based on photo-interpretation)

Dip component

Mine or quarry

Primary road

Secondary road

Trail

Reservation boundary, National or State

Note: Along the flanks of the Abajo Mountains the upper part of the Morrison formation, Jmu has been mapped where recognized, but no contact can be drawn between Jm and Jmu.

BASE MAP COMPILED BY SOIL CONSERVATION SERVICE
U. S. DEPT. OF AGRICULTURE

JUNE 1962

VERDURE QUADRANGLE

TRUE NORTH

PHOTOGEOLOGIC MAP
VERDURE - 5
SAN JUAN COUNTY, UTAH

PHOTOGEOLOGY BY R.J. HACKMAN
PHOTOGEOLOGY UNIT, ALASKAN GEOLOGY BRANCH
SCALE 1:24,000

Stratigraphic column modified from U. S. Geol. Survey Prof. Paper 188, and U. S. Geol. Survey unpublished report.

CAP. PATCH
PULL TO