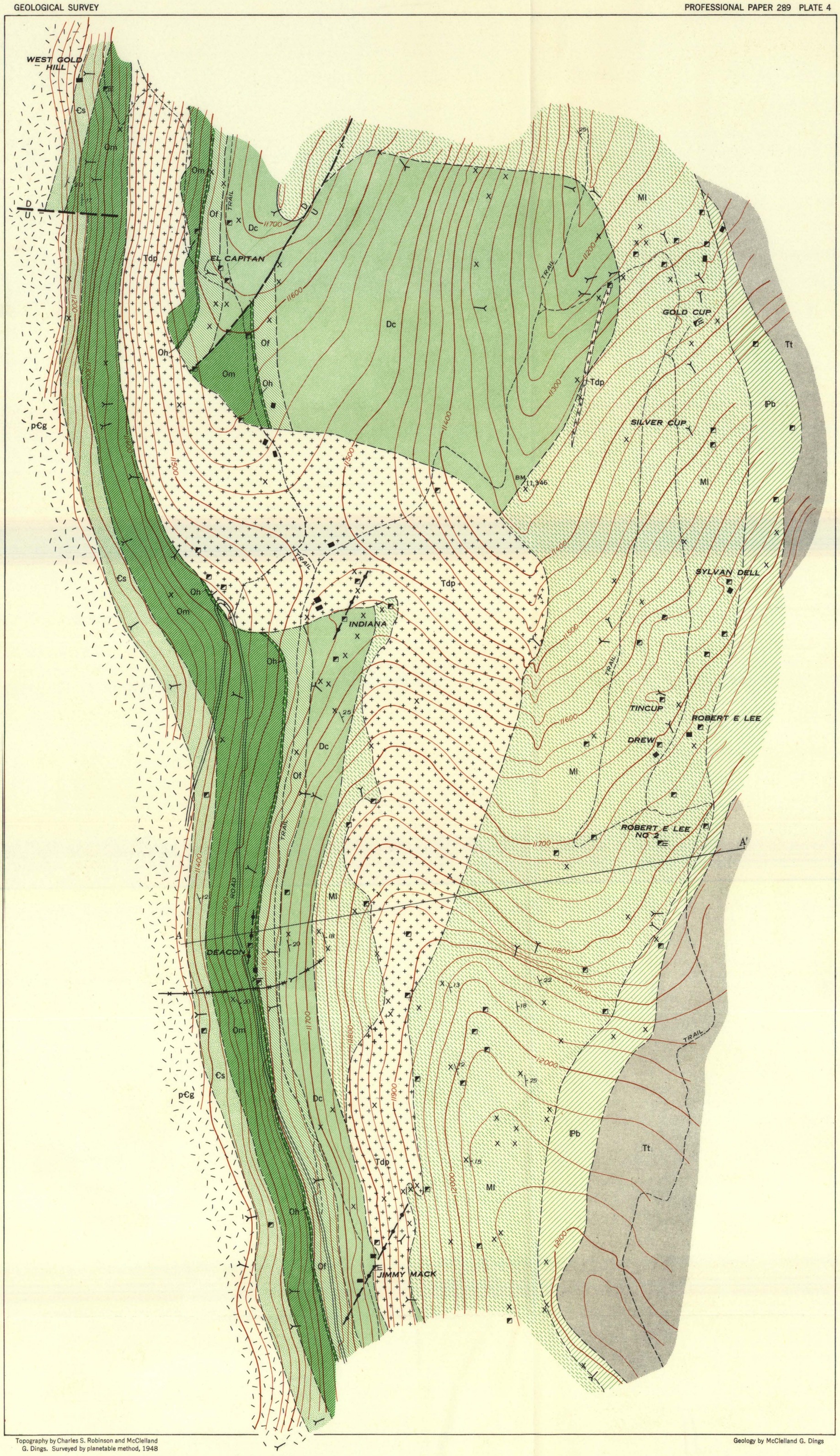


Topography by Charles S. Robinson and McClelland G. Dings. Surveyed by planetable method, 1948

Geology by McClelland G. Dings

EXPLANATION

Quartz latite porphyry dike		TERTIARY
Tt — Tincup quartz monzonite porphyry	Early(?) Tertiary	TERTIARY
Tdp — Quartz diorite porphyry	Early(?) Tertiary	TERTIARY
Pb — Belden shale		PENNSYLVANIAN
UNCONFORMITY		
Ml — Leadville limestone		MISSISSIPPIAN (CARBONIFEROUS)
UNCONFORMITY		
Dc — Chaffee formation	Upper Devonian	DEVONIAN
UNCONFORMITY		
Of — Fremont dolomite	Middle and Upper Ordovician	ORDOVICIAN
UNCONFORMITY		
Oh — Harding quartzite	Middle Ordovician	ORDOVICIAN
UNCONFORMITY		
Om — Manitou dolomite	Lower Ordovician	ORDOVICIAN
UNCONFORMITY		
Cs — Sawatch quartzite	Upper Cambrian	CAMBRIAN
UNCONFORMITY		
p€g — Gneissic granite		PRE-CAMBRIAN

Contact
Dashed where approximately located

Fault, approximately located
U, *upthrown side*; D, *downthrown side*

25
Strike and dip of beds

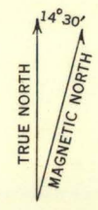
Vein, approximately located

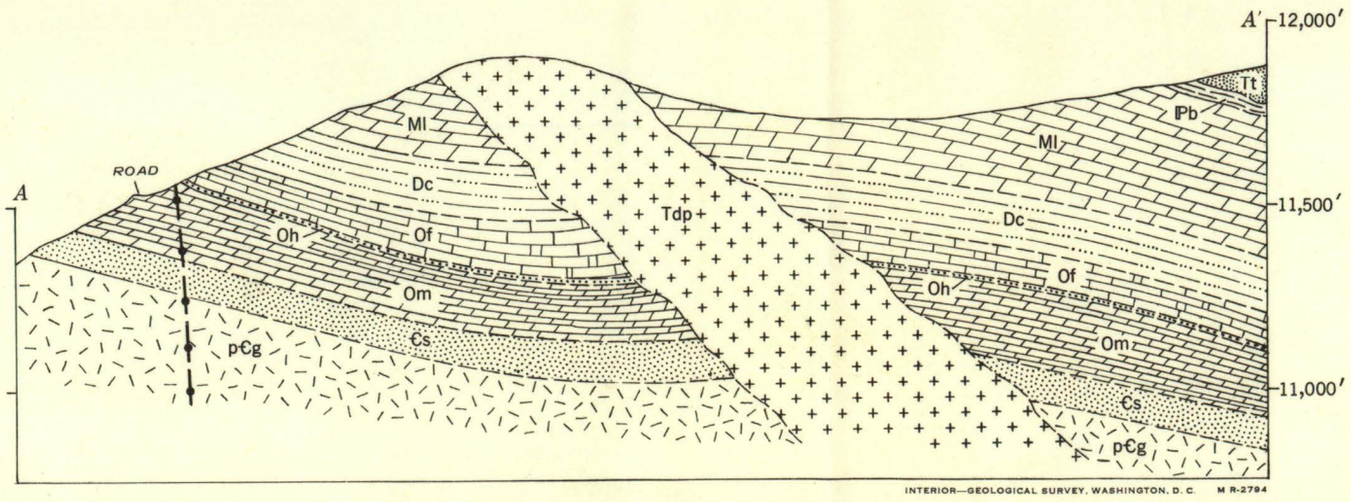
Vertical shaft

Inclined shaft

Adit

X
Small prospect pit or opencut





INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C. M R-2794

GEOLOGIC MAP AND SECTION OF THE TINCUP MINING DISTRICT, GUNNISON COUNTY, COLORADO

500 0 2000 Feet

Contour interval 25 feet
Datum is mean sea level