U.S. GEOLOGICAL SURVEY
GEORGE OTIS SMITH, DIRECTOR

PROFESSIONAL PAPER 66 PLATE II

GEOLOGIC MAP OF THE GOLDFIELD DISTRICT, NEVADA

Geology by F. L. Ransome, assisted by W. H. Emmons and G. H. Garrey.
Surveyed in 1905 and 1908.

E. M. Douglas, Geographer.
R. H. Chapman, in charge of section.
Topography by Wm. Stranahan.
Triangulation by R. H. Chapman.
Surveyed in 1905.
Culture revised, 1908, by W. M. Beaman.

Scale 1/24000

1 mile

1 kilometer

Contour interval 20 feet.
Datum is mean sea level.

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LEGEND

QUATERNARY

Qal — Alluvium
Sands and gravels on low slopes. Not shown where underlying formation is known.

Qg — Gypsum
Superficial deposits from evaporation.

TERTIARY

Tmb — Malpais basalt
Chiefly olivine dolorite. Flows.

Trs — Rabbit Spring formation
Fluviatile gravels and sands.

Tspr — Spearhead rhyolite
Flow or flows.

Tp — Pozo formation
Fluviatile gravels and sands.

Ts — Siebert formation
Lake beds.

Tmib — Mira basalt
Flow in Siebert formation.

Te — Espina breccia
Pyroclastic. Dacitic in part.

Tab — Andesite breccia
Pyroclastic.

Tmr — Meda rhyolite
Flow.

Tg — Andesite dikes

Tca — Chispa andesite
Flows intercalated in dacite vitrophyre.

Tdv — Dacite vitrophyre
Flows.

Td — Dacite
Intrusive. Passes into flows east of area mapped.

Tma — Milltown andesite
Flows and small intrusions.

Tmor — Morena rhyolite
Intrusive.

Tsr — Sandstorm rhyolite
Flows.

Tkt — Kendall tuff
Rhyolitic and latitic.

Tl — Latite
Flows.

Tvr — Vindicator rhyolite
Flow.

ag — Alaskite and granite
Intrusive.

PRE-TERTIARY

Cs — Cambrian shale

Outcrops of siliceous ledges

Faults

Shaft

Tunnel

Prospect pit

Land corners found