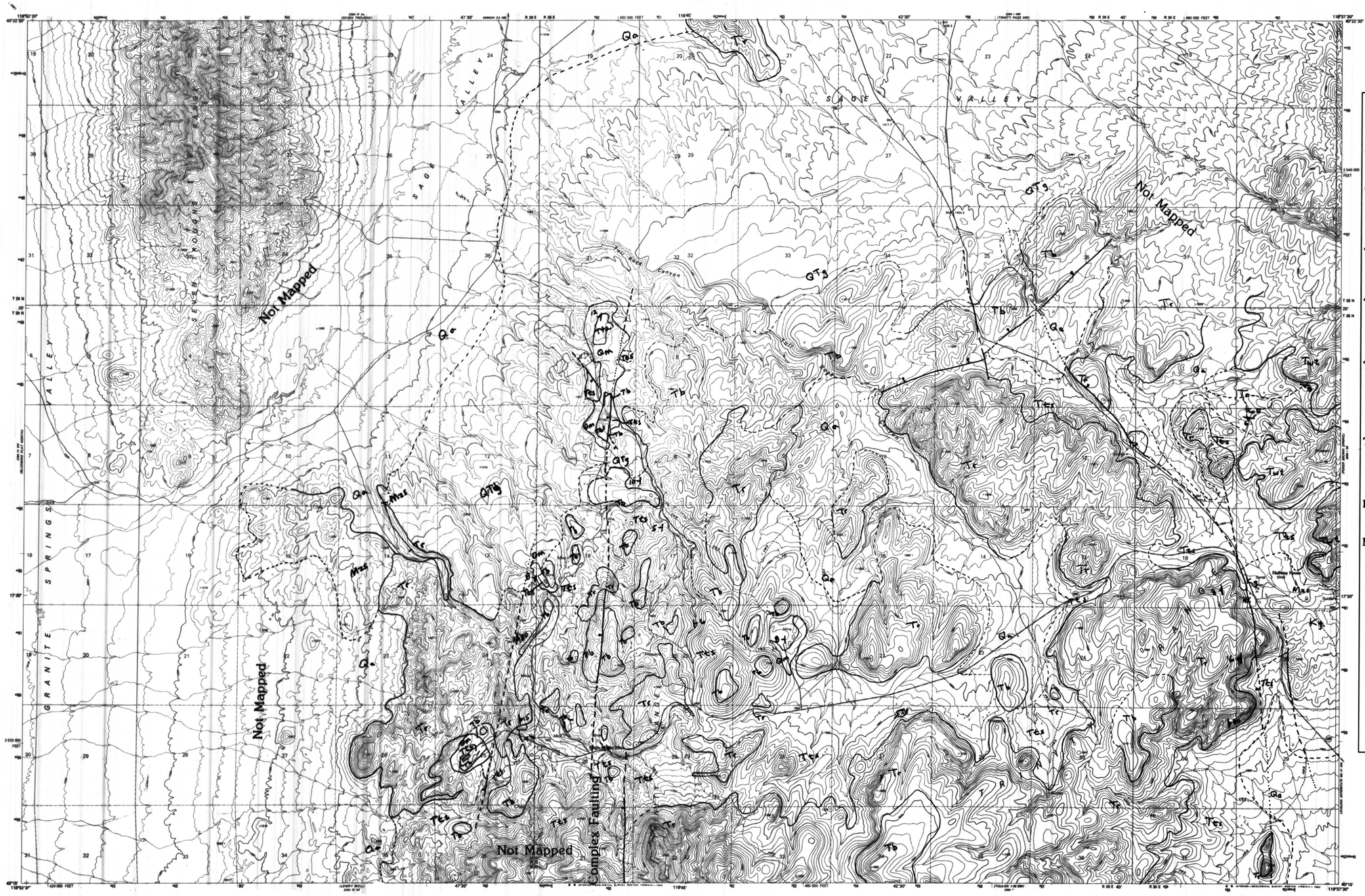

EXPLANATION

Qm	**Mine dump and manmade fill (Holocene)**
Qa	**Alluvium (Quaternary)**-Poorly sorted silt, sand, and gravel; 1 to >10 m thick
QTg	**Gravel (Pliocene?-Quaternary)**- Unlithified, poorly sorted gravel deposited on older upland surfaces; clasts chiefly quartzite and phyllite; 1 to 20 m thick
Tb	**Basalt (Miocene-Pliocene?)**- Flows and feeder dikes of dark green to black, aphyric or vesicular basalt; generally 1 to 20 m thick.
Twt	**Welded tuff (Miocene)**- Brown platy welded tuff with abundant pumice clasts and feldspar phenocrysts, includes basal zone of white air-fall crystal tuff; maximum thickness 20 m.
Tr	**Rhyolite (Miocene)**- Flows, domes, and small intrusive bodies of pink to maroon rhyolite, course sanidine and plagioclase phenocrysts, and sparse quartz and biotite; thickness highly variable, maximum about 100 m.
Tts	**Tuffaceous sedimentary rocks (Miocene)**- Light-colored pumice tuffs, diatomite, volcaniclastic sandstone, and local andesite flows; 0 to >105 m thick.
Kg	**Granodiorite (Cretaceous)**- Medium-grained, equigranular biotite-hornblende granodiorite.
Mzs	**Metasedimentary rocks (Mesozoic)**- Phyllite, quartzite, and hornfels; thickness not known.
— · · · ·	Contact, approximately located, dashed where uncertain, dotted where covered.
— · · · ·	Fault, approximately located, dashed where uncertain, dotted where covered; bar and ball on down thrown side.
10	Strike and dip of bedding
6	Strike and dip of flow banding in volcanic rocks

Base from U.S. Geological Survey Trinity Pass Quadrangle (1981) and Seven Troughs SE Quadrangle (1981)

SCALE 1:48 000

1 ½ 0 1 2 3 MILES

1 .5 0 1 2 3 KILOMETERS

Geology by J. T. Nash, June 1994

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PLATE 1–RECONNAISSANCE GEOLOGIC MAP OF THE TRINITY PASS AREA, PERSHING COUNTY. NEVADA

By

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