



EXPLANATION

RECENT-QUATERNARY ROCKS

Qal Alluvium and colluvium, Gravels

Middle Tertiary

Talp Quartz latite porphyry dikes and plugs
 Tirp Latite porphyry to rhyolite porphyry dikes and plugs (locally includes xenoliths and pebble dikes)
 Talo Quartz latite porphyry to andesite porphyry flows

Talpl Intrusive and extrusive quartz latite tuffs to rhyolite tuffs (nonwelded to densely welded)
 Tlpl Latite porphyry plugs and localities

TERTIARY ROCKS

Upper Tertiary

Tt Rhyolite flows (locally includes tuff and agglomerate)

Trt Rhyolite tuffs, lahars, and hornblende-biotite vitrophyres

Lower Tertiary

Td Dacite flows (locally includes tuffs and rhyolite sandstone)

Taf Andesite flows and flow breccias

Tqc Quartzite conglomerates and pebble conglomerates with volcanic matrices

CAMBRIAN ROCKS

Cq Quartzite

PRECAMBRIAN ROCKS

Pcsc Pinal Schist

SYMBOLS

- Quartz veins
- Geologic contact (projected under alluvium)
- Road or jeep trail
- Flow breccia or vent related breccia
- Strike and dip of bedding
- DDH-1 2500' T.D. Diamond drill hole location and total depth
- DDH-2 300' T.D. Rotary drill hole location and total depth
- Fault or shear
- Strike and dip of foliation or schistosity
- Geologic contact (inferred)

Plate II

AMAX EXPLORATION INC. TUCSON, ARIZONA

**GEOLOGY MAP OF
THE DAY PROJECT(567)**

GRAHAM CO., ARIZONA

SCALE: 1"=500'

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