## EXPLANATION

### RECENT-QUATERNARY ROCKS

Qal — Alluvium and colluvium, Gravels — FELT MARKER * 425

### TERTIARY ROCKS

**Upper Tertiary**

Tr — Rhyolite flows (locally includes tuff and agglomerate)

Trt — Rhyolite tuffs, lahars, and hornblende-biotite vitrophyres

**Middle Tertiary**

Tqlp 844* — Tqlp-Quartz latite porphyry dikes and plugs

846* Tqlp 846* — Tlrp-Latite porphyry to rhyolite porphyry dikes and plugs (locally includes xenoliths and pebble dikes) 862

Tqlap 844* — Quartz latite porphyry to andesite porphyry flows

Tqirt 813* — Intrusive and extrusive quartz latite tuffs to rhyolite tuffs (nonwelded to densely welded)

Tplp — Latite porphyry plugs and lacoliths — BLUE* FINE LINE

**Lower Tertiary**

Td — Dacite flows (locally includes tuffs and tuffaceous sandstone) 853*

Ta — Andesite flows and flow breccias 876*

Tqc 2628* — Quartzite conglomerates and pebble conglomerates with volcanic matrices

### CAMBRIAN ROCKS

Єq — Quartzite

### PRECAMBRIAN ROCKS

PЄsc — Pinal Schist 888*

* PENCIL NUMBER COLOR CODE

### SYMBOLS

Quartz veins — AF 49

Flow breccia or vent related breccia

Fault or shear

Geologic contact (inferred)

Geologic contact (projected under alluvium)

Strike and dip of bedding

Strike and dip of foliation or schistosity

Road or jeep trail

DDH-1 2506 T.D. — Diamond drill hole location and total depth

RDH-2 308 T.D. — Rotary drill hole location and total depth

GEOLOGY BY P. Durning, T. Schack, B. T. Mitchell

Plate II

AMAX EXPLORATION INC. TUCSON, ARIZONA

GEOLOGY MAP OF THE DAY PROJECT (567)

GRAHAM CO., ARIZONA

SCALE: 1" = 500' — 0 500 1000 FT.

TO ACCOMPANY A REPORT BY: TAS

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