

EXPLANATION

- Qal** Alluvium
- QT** Locally derived fanglomerate deposits, fanglomerate and debris flow of the Muddy Creek Formation.
- Tts** Tuffaceous siltstone and sandstone, locally conglomeratic.
- Ta** Hornblende andesite
- Ts** Sandstone
- TI** Lamprophyre dikes; generally too small to indicate as mappable units at this scale. Shown as TI.
- Kg** Leucocratic biotite-muscovite granite, includes some zones of episyenite w/ minor spilitic and pegmatite.
- Ecmg** Porphyritic monzogranite, coarse grained, contains large K-feldspar phenocrysts in a matrix of quartz, hornblende and biotite.
- Ebgr** Biotite granite, fine grained, porphyritic facies containing K-feldspar and quartz phenocrysts.
- Eggn** Quartzofeldspathic gneiss complexly interlayered with amphibolite, muscovite-biotite schist, and gneissic biotite granite.

ALTERATION

- Arg - Argillic
- Chl - Chlorite
- Ser - Sericitic
- Sil - Silicified
- Hem - Hematite

- Qv - Quartz breccia float
- Qv - Quartz vein
- Obx - Quartz-hematite breccia

- Outcrop
- Geological contact, dashed where inferred
- Fault, showing dip
- Fault, ball on down-thrown side
- Fault, showing relative horizontal movement
- Mineralized zone, showing dip
- Low-angle detachment fault (mid-Miocene); dip, 10° - 25°
- Shear zone, showing dip
- Strike and dip of foliation
- Strike and dip of bedding
- Bearing and plunge of lineation
- Strike and dip of joints
- Quartz vein, showing dip
- Dike, showing dip
- Shaft
- Adit
- Trench
- × Prospect
- Drill hole



CAMBIOR Exploration USA
GOLD BASIN PROJECT

GEOLOGY

Mohave County, AZ T 28 N, R 19 W T 28 N, R 18 W		
COMPILED BY: L.GABORIT	REVISIONS	DATE
E.PODACA	L.GABORIT	6/22/93
DATE: OCTOBER 20, 1992		
MAP #: GB30-21	SHEET	OF

