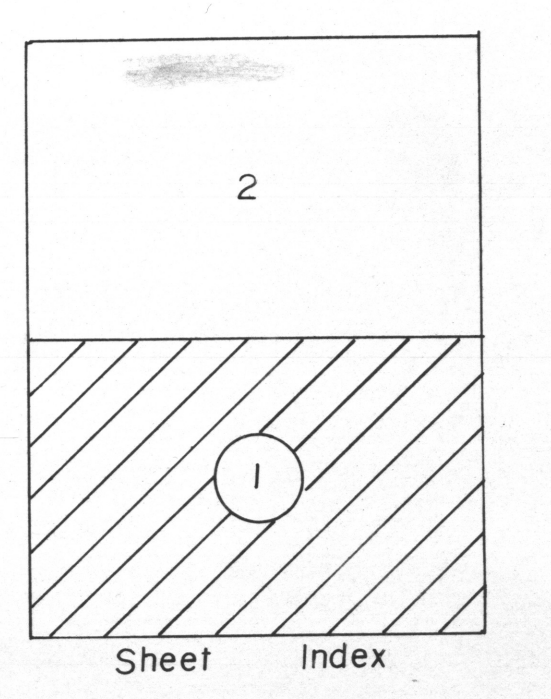
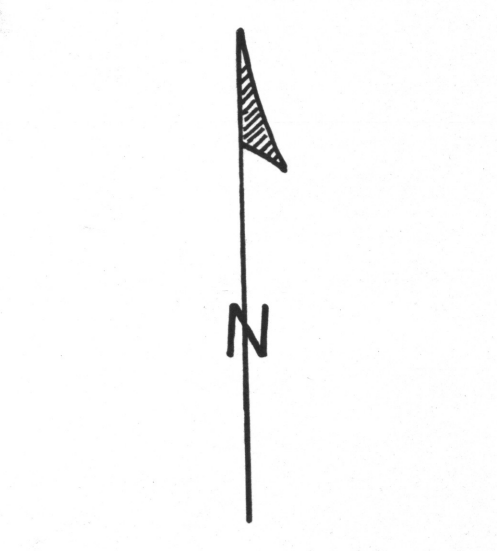


ARIZONA STAR RESOURCE CORP.
 VAN DEEMEN PROJECT
 1" = 100' GEOLOGIC MAP
 Date: July 20, 1987 Scale: 1" = 100'
 Authors: Hillemeier, Faulds, Huskinson
 Revised: Drafting: F. L. Hillemeier

- EXPLANATION**
- LITHOLOGIES**
- QUAT.**
- Qal Older alluvium and colluvium
 - Qal Alluvium
 - Tg Red-brown, poorly sorted conglomerate, locally basal monolithic breccias (undivided)
 - Tg Conglomerate with lesser thin dacite flows
 - Tucl Dominated by clasts of volcanic rocks
 - Tucl Dominated by clasts of Pagn and Kam
 - Tal Andesite dike
 - Tba Pyroxene basaltic andesite
 - Tbr Red-brown volcanoclastic breccia and conglomerate
 - Ts Tuffaceous sedimentary rock
 - Tv Grey volcanoclastic breccia and conglomerate
- TERTIARY**
- Td Dacite flows
 - Tva Intercalated andesite, basaltic andesite, rhyodacite flows and volcanic breccia
 - Tvb Basaltic andesite flows
 - Tva Hornblende andesite flows
 - Tvd Rhyodacite flows
 - Ts Sandstone (tuffaceous)
 - Tvg Volcanic breccia and conglomerate
- PRECAMBRIAN GRET.**
- Km Quartz monzonite
 - Kd Diorite
 - Kdb Diabase
 - Pa Acidic gneiss - metanorthite?
 - Pgn Mixed gneiss, schist, and pegmatite
 - Pa Chloritic schist

- ALTERATION**
- Weak to moderate iron-oxide stain, mostly hematite
 - Strong iron-oxide stain
 - Detachment assemblage: FeOx-clays-sericite-pyrite-quartz
 - Weak to moderate quartz-sericite-pyrite
 - Argillic
 - Silicification
 - Quartz/calcite veining
- STRUCTURE**
- Brecciation
 - Detachment fault
 - High-angle normal fault
 - Attitude of bedding or structure
 - Attitude of foliation
 - Attitude of numerous small folds
 - Shaft
 - Adit
 - Prospect pit
 - Trench



ADM.R. 0063-001