

SCALE 1:125,000

AJO AMS sheet

LOCATION MAP
 GUNSIGHT MINING DISTRICT
 PIMA COUNTY, ARIZONA

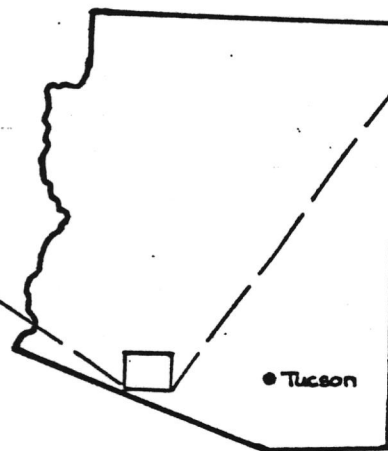


FIGURE 1

Later epithermal veins occur superimposed across the older veins in both the Burro Burro and Rockhouse areas.

In the area 3 to 5 miles southeast of the Burro Burro prospects, several veins have been prospected for gold, tungsten, and copper. These include the Lucky Strike, Sunset Limited, Lilly-Saguaro-Empire, Ajo-Gunsight, and Black Bess-Bullion Bar prospects (Plate 1). Of these, none of which is very impressive, the Black Bess-Bullion Bar shows the best copper mineralization. All of the veins are dominantly massive, crystalline quartz with scarce sulfides and even scarcer copper minerals generally. Their age is difficult to even guess; some may be as old as Precambrian.

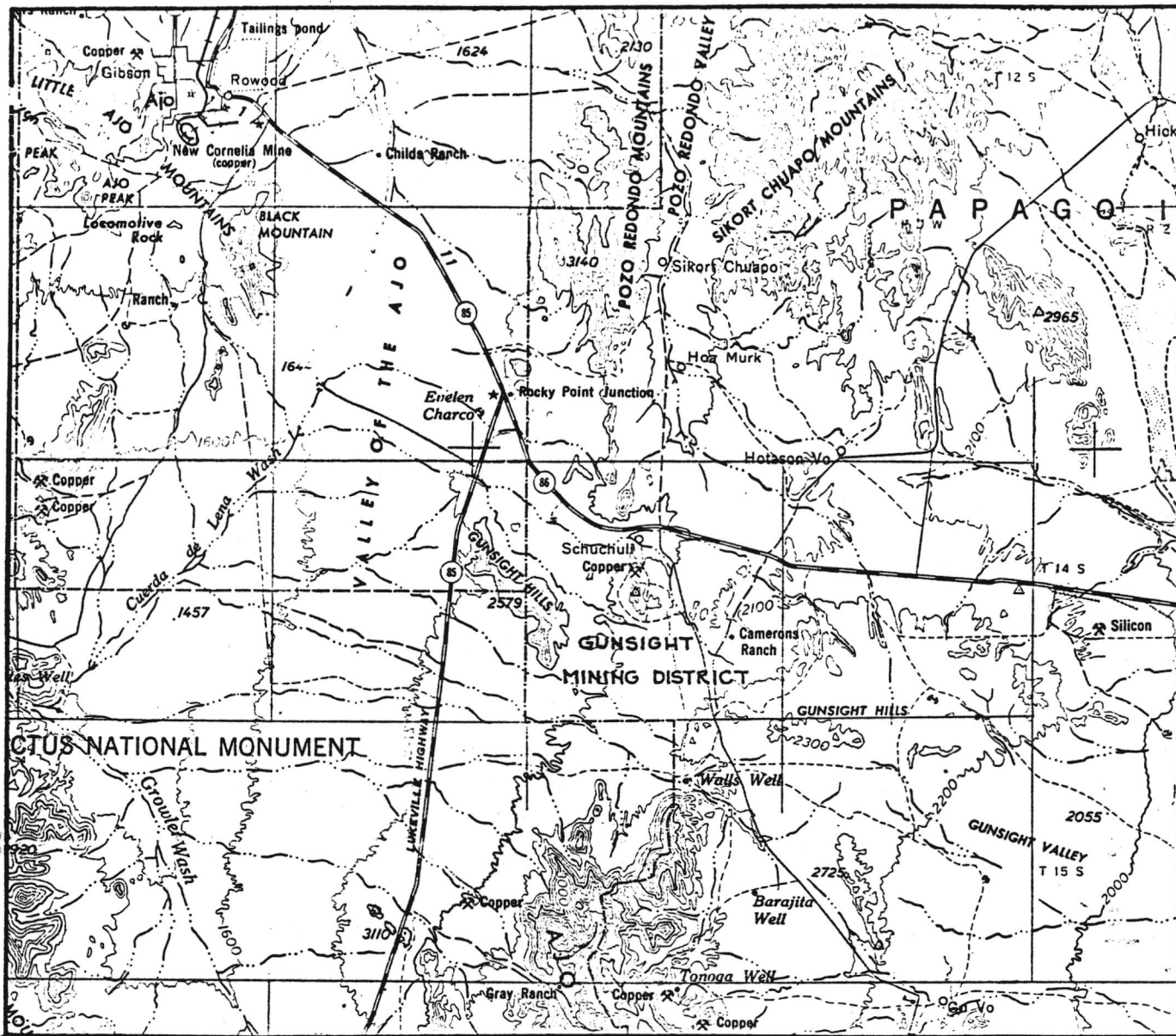
Mid to Late Tertiary Epithermal Veins

Classic epithermal "Tertiary type" veins comprise the only economically significant mineral deposits found in the Gunsight district. The veins range up to 15 feet or more in thickness and several persist individually along strike for more than 1,000 feet. Vein texture is characteristically banded, crustified, and commonly exhibits filled, cockade breccia with abundant vugs. The larger veins generally are actually sheeted zones of closely spaced individual veins up to 1 foot or so in thickness. Vein walls generally are abrupt and well defined.

Wall rock alteration is the typical strong bleaching of vein walls for several feet on both sides. No instrumental analysis of alteration minerals was attempted; however, the bleached zones appear to be dominantly argillic with probably some development of sericite.

Vein minerals are, in approximate order of abundance, dominantly (1) quartz, both crystalline and chalcedonic; (2) siderite or other high ferrian carbonate; (3) barite; (4) fluorite, mainly pale green and little pale purple; and (5) specularite, mainly as late(?) films and veinlets in tight fractures, and highly variable amounts of chalcopyrite and galena. Supergene minerals include scarce chalcocite and covellite replacing chalcopyrite and locally conspicuous chrysocolla, malachite, and azurite. Cerusite and probably anglesite apparently were abundant in the oxidized silver-bearing ore shoots originally mined in the district.

Although no tungsten minerals were observed, scheelite is reported in the veins (Tognoni, 1964), and vein widths up to 5 feet are reported to contain nearly 0.7% WO_3 in places. Oddly, tungsten mineralization is not unusual in epithermal veins which in Nevada and Colorado have been significant producers of the metal.



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LOCATION MAP
 GUNSIGHT MINING DISTRICT
 PIMA COUNTY, ARIZONA

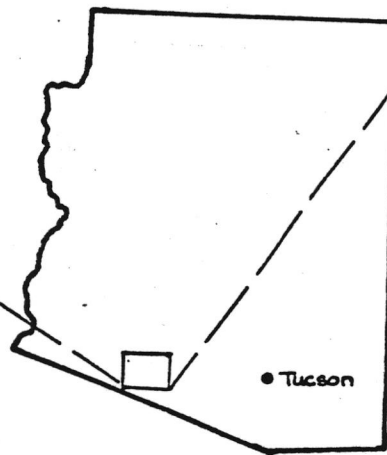


FIGURE 1

The stronger veins occur in a 0.5-mile-wide north-trending zone about 1.5 miles in length across the eastern exposed portion of the Gunsight mid-Tertiary stock. The southernmost veins cut the older gneissic rocks; however, the productive portions of the veins are limited to the stock.

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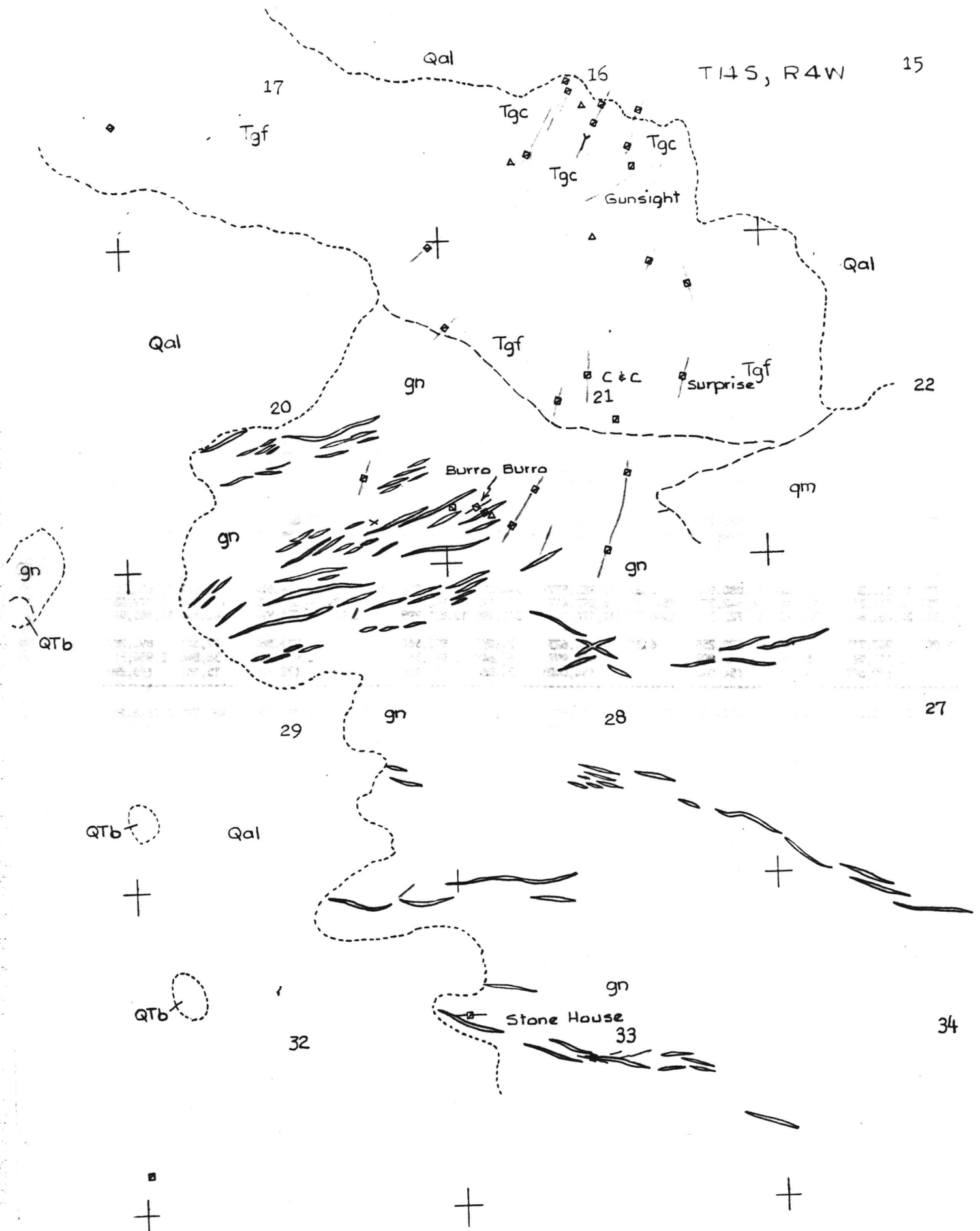
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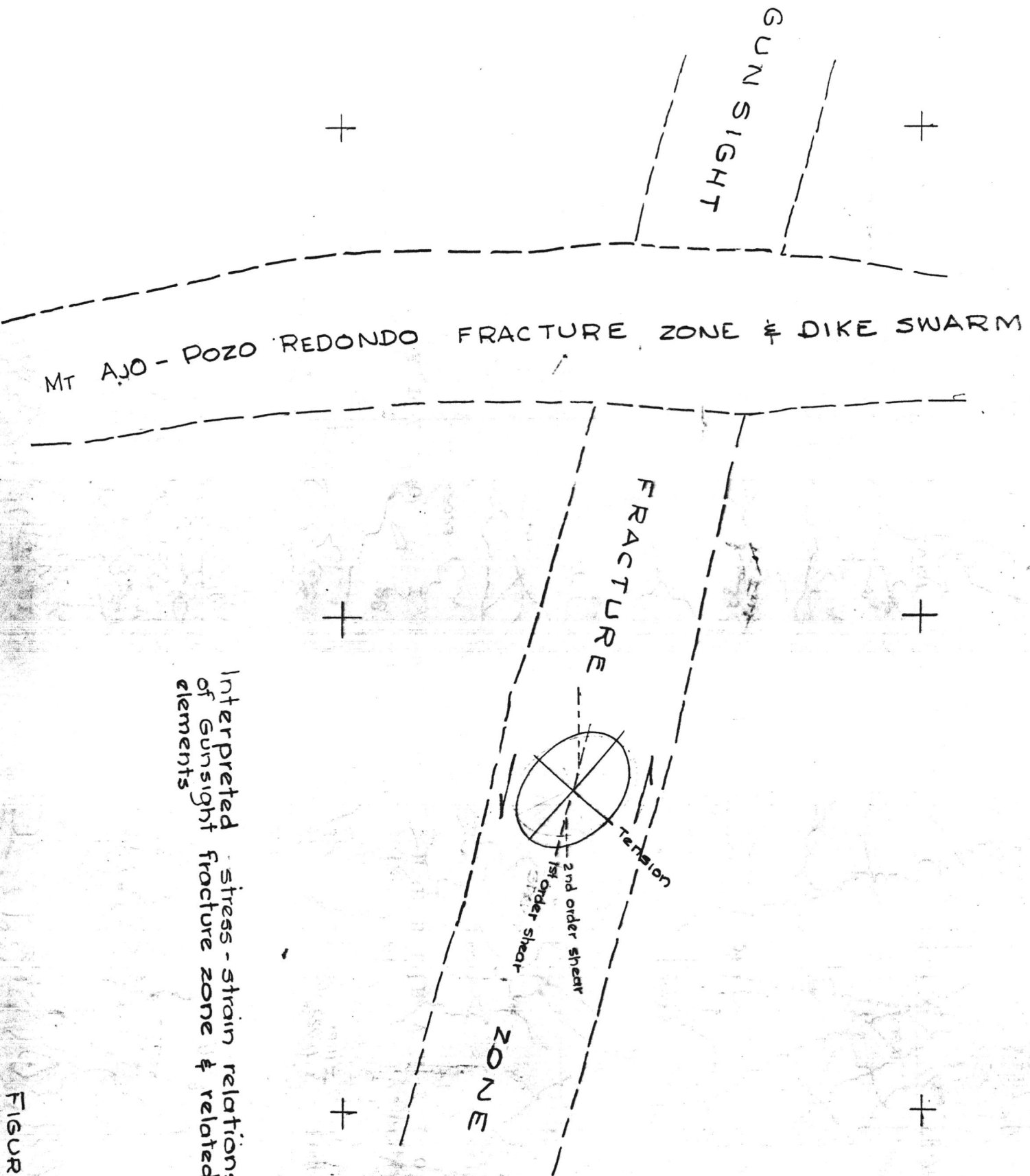
GUNSIGHT MINING DISTRICT
 PAPAGO INDIAN RESERVATION
 PIMA COUNTY, ARIZONA

SCALE 1:24,000

5-12-75

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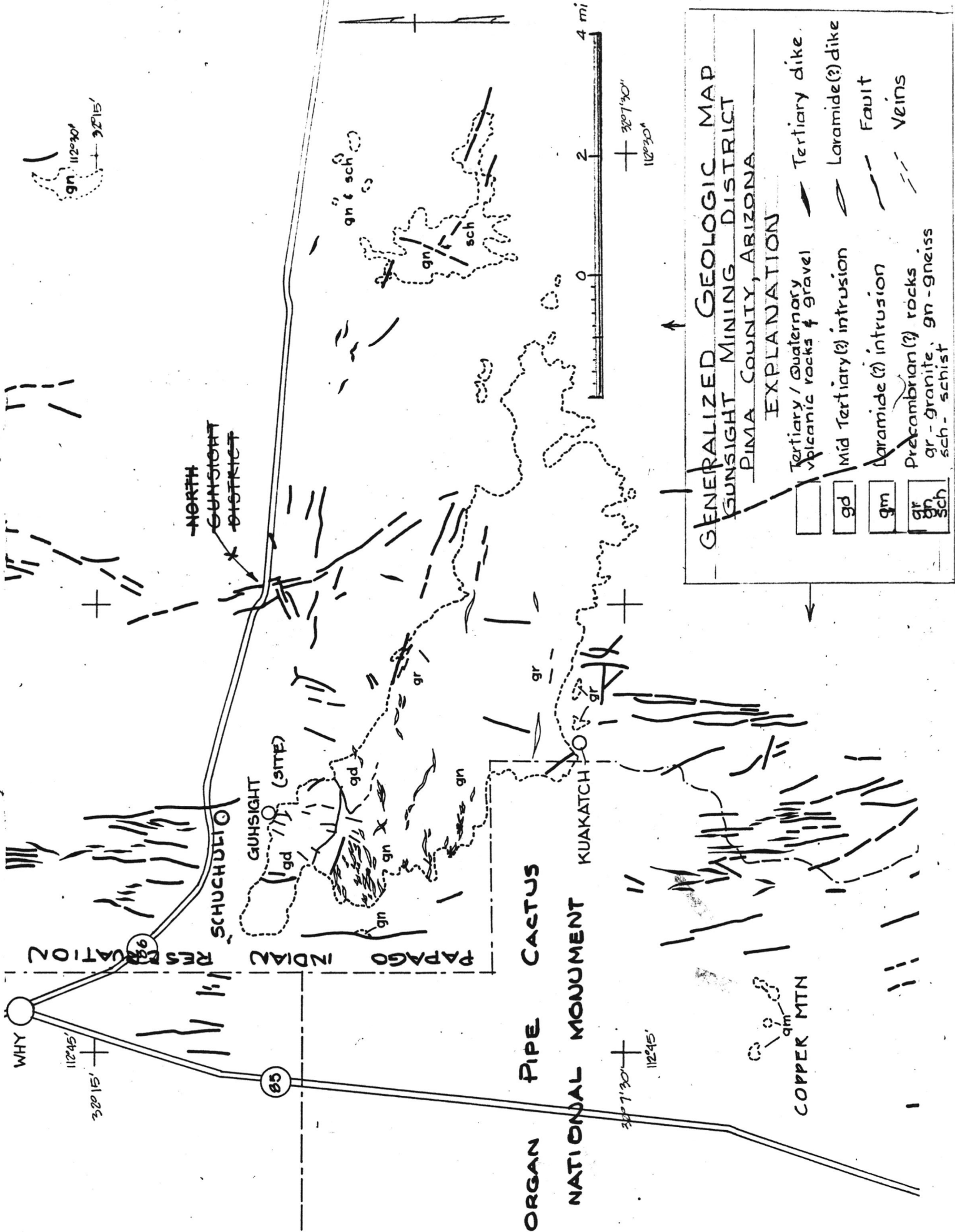


Interpreted stress-strain relationships of Gunsight fracture zone & related elements

FIGURE 4

APPENDIX

MINE AND PROSPECT DESCRIPTIONS



GENERALIZED GEOLOGIC MAP
GUNSIGHT MINING DISTRICT
 PIMA COUNTY, ARIZONA

EXPLANATION

	Tertiary / Quaternary volcanic rocks & gravel		Tertiary dike
	Mid Tertiary(?) intrusion		Laramide(?) dike
	Laramide(?) intrusion		Fault
	Precambrian(?) rocks		Veins

gr - granite, gn - gneiss
 sch - schist

gn 112°30'
 32°15'

32°130'
 112°30'

32°15'
 112°45'

32°130'
 112°45'

NORTH
 GUNSIGHT
 DISTRICT

SCHUCHULIO

GUNSIGHT
 (SITE)

KUAKATCH

ORGAN PIPE CACTUS
 NATIONAL MONUMENT

COPPER MTN

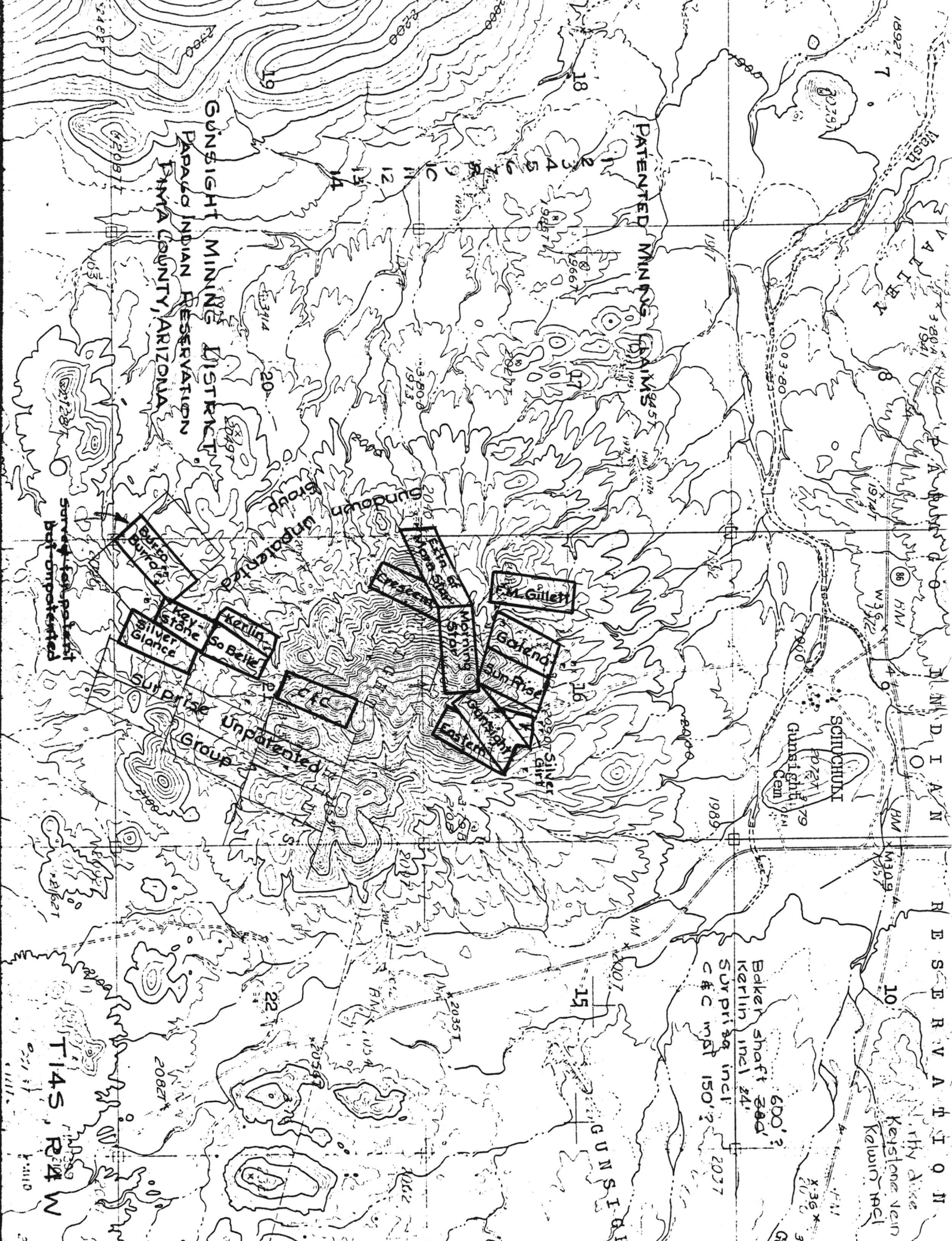
PAPAGO INDIAN RESERVATION

WHY

86

85

4 mi
 2
 0



GUNSIGHT MINING DISTRICT
PAPAJO INDIAN RESERVATION
YUMA COUNTY, ARIZONA

PATENTED MININGS CLAIMS

Gundown Group

Unpatented

SCHUCHUDI
Gunsight Cem.

T. & L. R.

RESERVE
KEystone vein
Kawin incl

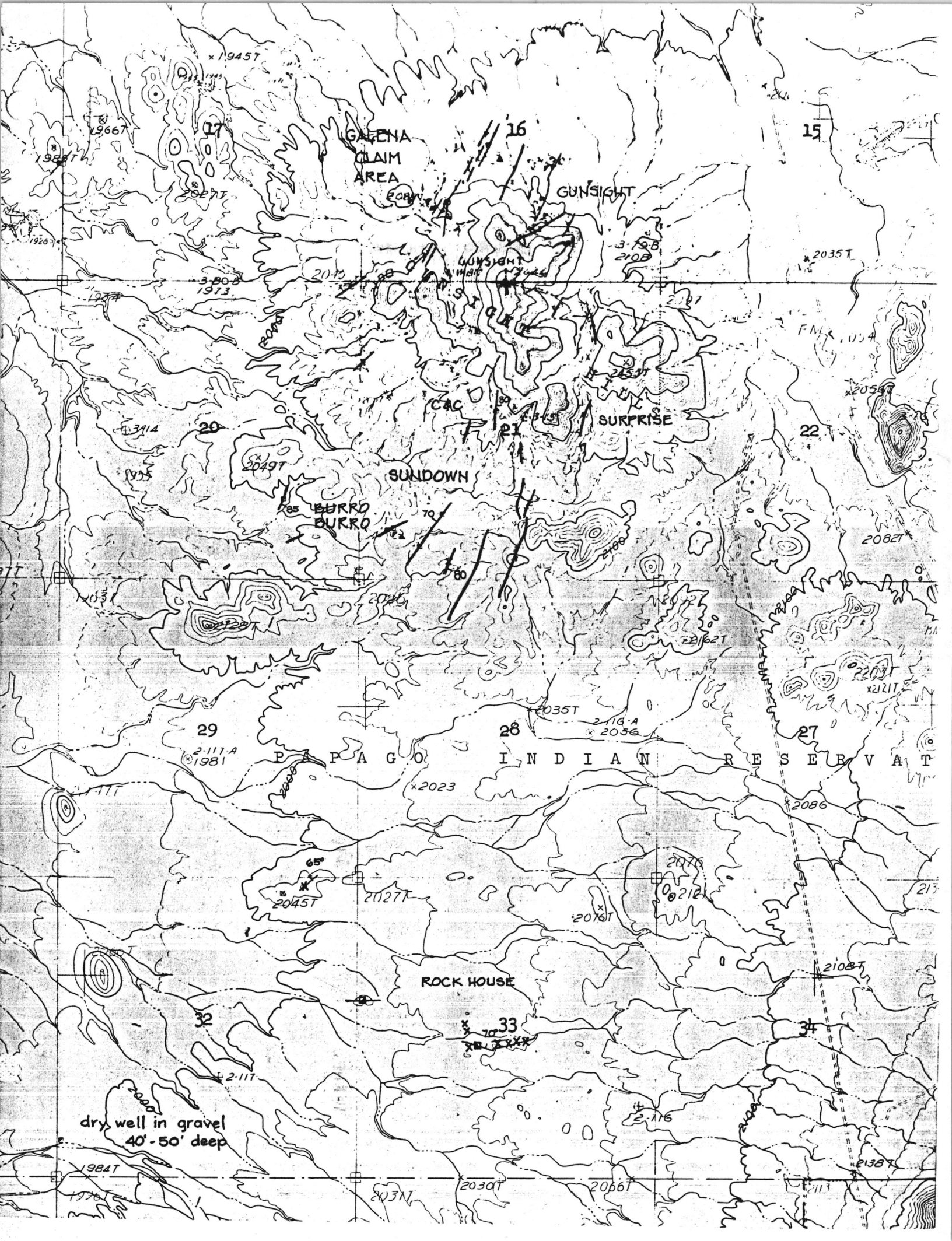
- F.W. Gillet
- Galena
- Sun Rise
- Eastern
- Gambler
- Silver Shaft
- 2015 Extra Silver Shaft
- 2015 Extra Silver Shaft
- 2015 Extra Silver Shaft

- Kerlin
- So Belle
- Key Stone Silver Glance

Surprise Group

600' ?
Baker shaft 280'
Kerlin incl 24'
Surprise incl
C & C incl 150' ?

T14S, R24W



GAVENA CLAIM AREA

GUNSIGHT

SURPRISE

SUNDOWN

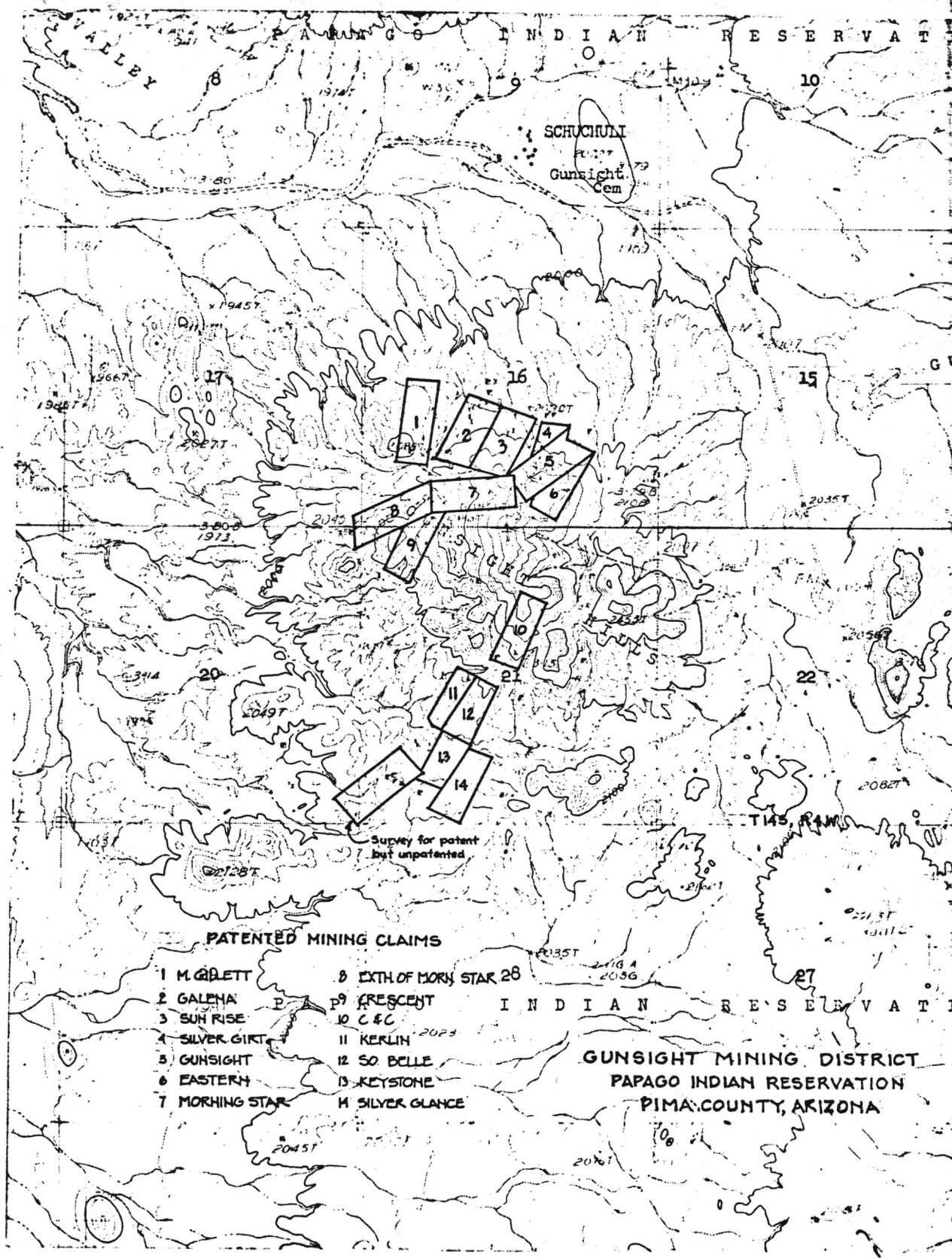
BURRO BURRO

P A P A G O

I N D I A N R E S E R V A T

ROCK HOUSE

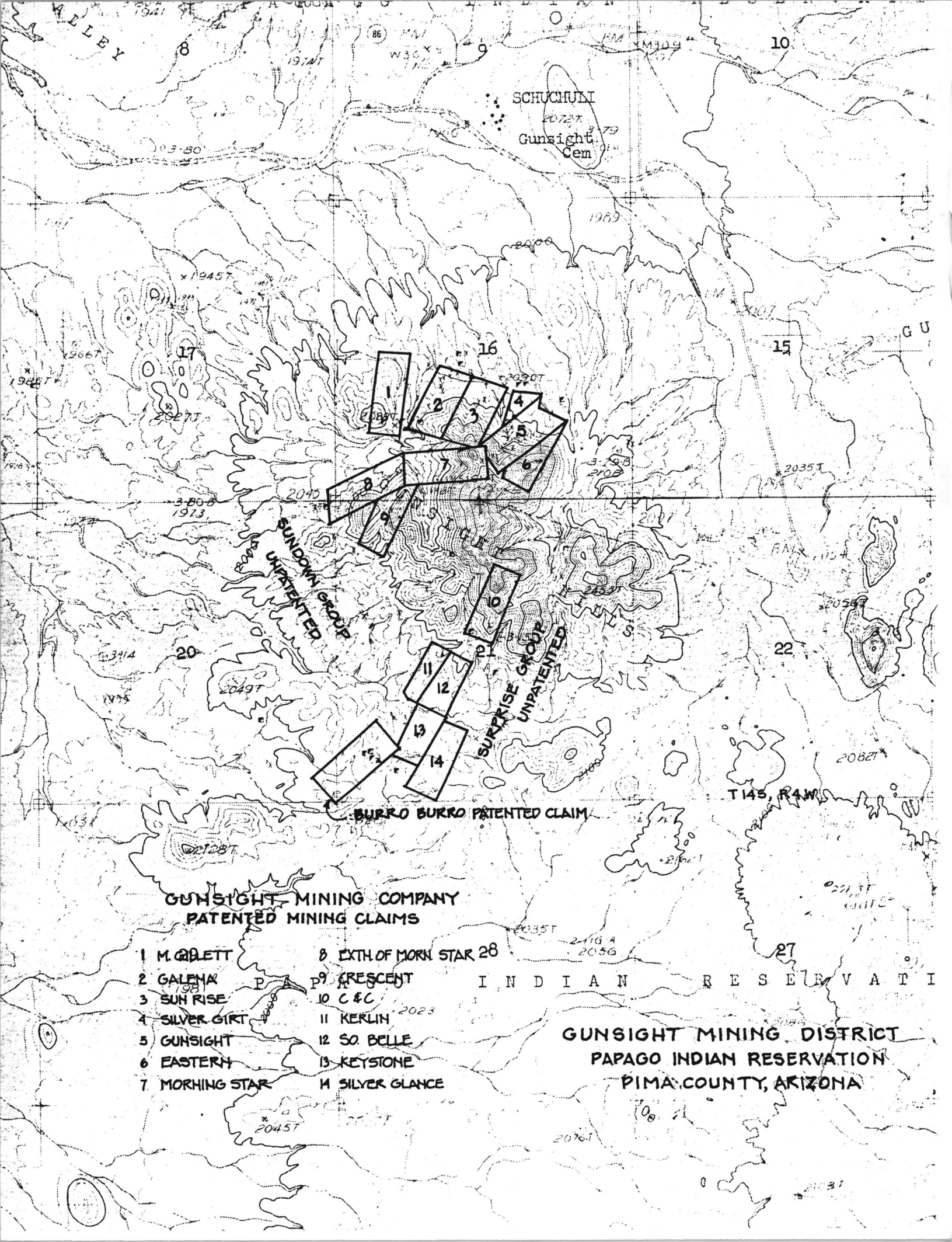
dry well in gravel
40'-50' deep



PATENTED MINING CLAIMS

- | | |
|----------------|-------------------------|
| 1 M. GIBLET | 8 EXTH OF MORNY STAR 28 |
| 2 GALENA | 9 CRESCENT |
| 3 SUN RISE | 10 C & C |
| 4 SILVER GIRT | 11 KERLIN |
| 5 GUNSIGHT | 12 SO BELLE |
| 6 EASTERN | 13 KEYSTONE |
| 7 MORNING STAR | 14 SILVER GLANCE |

**GUNSIGHT MINING DISTRICT
PAPAGO INDIAN RESERVATION
PIMA COUNTY, ARIZONA**



**GUNSIGHT MINING COMPANY
PATENTED MINING CLAIMS**

- | | |
|----------------|------------------------|
| 1 M. GIBETT | 8 EXH. OF MORN STAR 28 |
| 2 GALENA | 9 CRESCENT |
| 3 SUN RISE | 10 C & C |
| 4 SILVER GIRL | 11 KERLIN |
| 5 GUNSIGHT | 12 SO. BELLE |
| 6 EASTERN | 13 KEYSTONE |
| 7 MORNING STAR | 14 SILVER GLANCE |

**GUNSIGHT MINING DISTRICT
PAPAGO INDIAN RESERVATION
PIMA COUNTY, ARIZONA**

PROSPECT DATA

Prospect Sunright mine Former Name _____

Metal(s) of Interest Ag, W Exam. by JWA Date 4-18-75

Location 24 mi SE of Ajo County Papago and Pima State Ariz
S 1/2 Sec. 16 T 14S, R 4W Map Ref. Tonora NW prelim sheet
mt Ajo 15' quad

Property & Owner _____

References, remarks, etc. Described briefly in Ariz Bur Mines Bull 189

Development Several shafts and adits connect to fairly extensive underground workings. One vein stope to surface south of Baker Shaft (see sketch below). Mill foundations, tailings remnants, and ruins of several stone buildings.

Remarks The Sunright district veins are classically epithermal and mid-Tertiary in age, as are their host rocks, very probably.

Geology, Type Deposit: Epithermal quartz-barite-fluorite veins

Areal geology, rocks: Veins cut medium to coarse grained, holocrystalline intrusive which appears to be a leucocratic quartz monzonite or anorthodiorite. Biotite is the dominant ferromagnesian mineral, absolutely less than 2 vol percent. A significant volume of the rock is occupied by small microclitic cavities. The rock "looks" mid Tertiary. It occurs mainly in the northern portion of the Sunright Hills.

Structure: Veins exhibit typical epithermal banding, crustification, and cockade texture. Most are strongly developed and range up to 15 ft or more in thickness. Most trend N10° to 60°E with steep variable dips. Larger veins are actually zones of closely spaced individual veins 2 in to 1 ft in thickness. Walls are well-defined.

Minerals: quartz, barite, fluorite, and siderite(?) dominant. small variable amounts of galena & chalcocite. specularite appears as a late mineral in tight fractures.

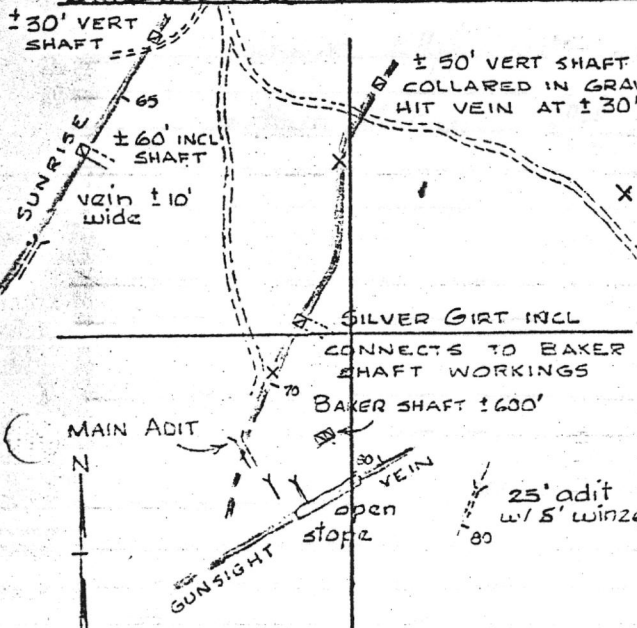
Oxides include chrysocolla, malachite, azurite, & "limonite".

Alteration: strong argillic alteration of vein walls for 2 or 3 ft.

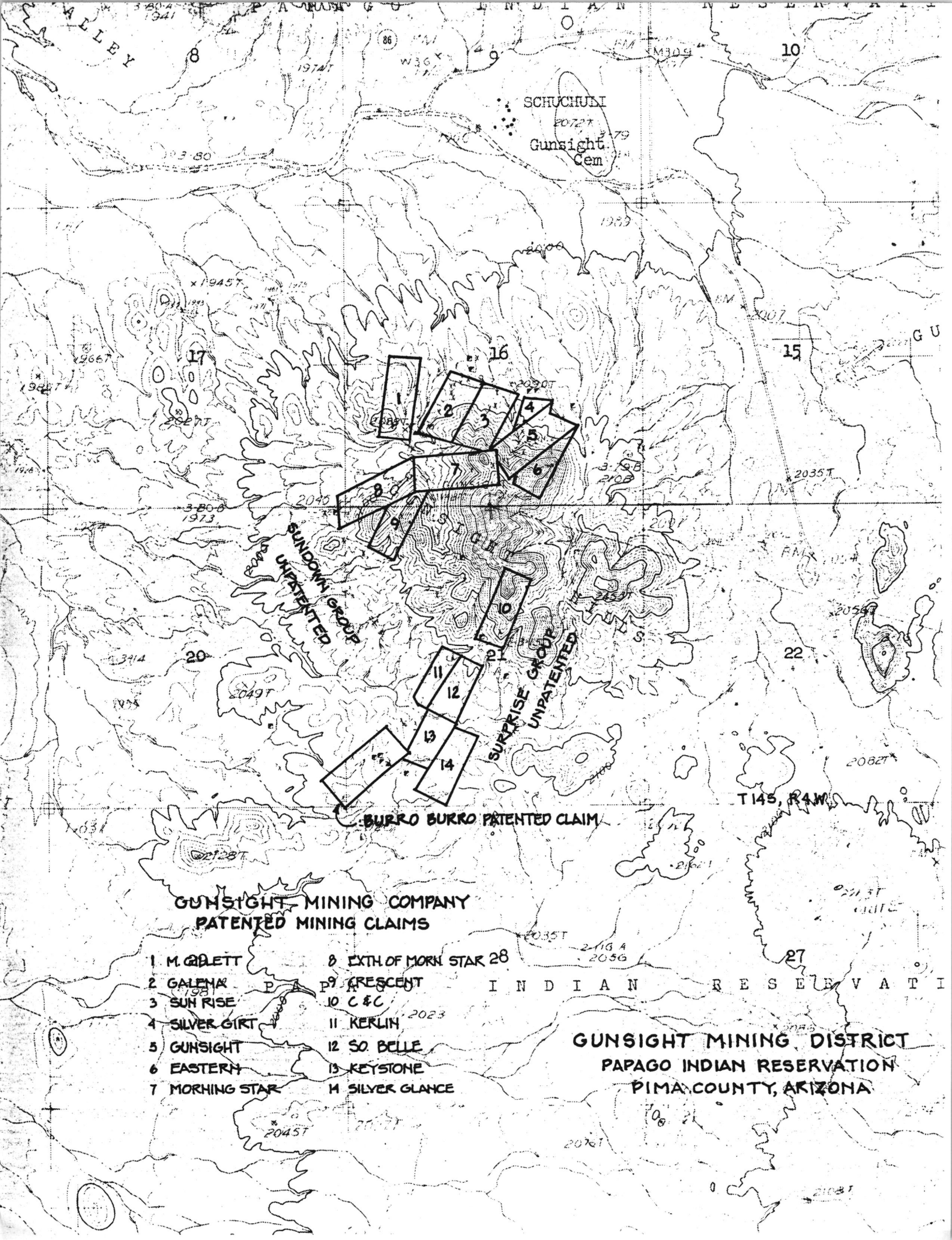
Oxidation: remnant galena/chalcocite in main adit level

Conclusions and Recommendations: _____

Of no further interest.



Minerals: quartz, barite, fluorite, and siderite(?) dominant. small variable amounts of galena & chalcocite. specularite appears as a late mineral in tight fractures.
 Oxides include chrysocolla, malachite, azurite, & "limonite".
 Alteration: strong argillic alteration of vein walls for 2 or 3 ft.
 Oxidation: remnant galena/chalcocite in main adit level
 Conclusions and Recommendations: _____
Of no further interest.



**GUNSIGHT MINING COMPANY
PATENTED MINING CLAIMS**

- | | |
|----------------|-------------------------|
| 1 M. GLETT | 8 EXTH. OF MORN STAR 28 |
| 2 GALENA | 9 CRESCENT |
| 3 SUN RISE | 10 C & C |
| 4 SILVER GIRT | 11 KERLIN |
| 5 GUNSIGHT | 12 SO. BELLE |
| 6 EASTERN | 13 KEYSTONE |
| 7 MORNING STAR | 14 SILVER GLANCE |

**GUNSIGHT MINING DISTRICT
PAPAGO INDIAN RESERVATION
PIMA COUNTY, ARIZONA**

INDIAN RESERVATION

PROSPECT DATA

Prospect Halona claim area Former Name _____

Metal(s) of Interest Ag, W Exam. by JWA Date 4-18-75

Location 24 mi SE of Ajo County Papago and Pima State Ariz
SW 1/4 Sec. 16 T. 14S, R. 4W Map Ref. Tonora NW prelim sheet
mt Ajo 15' quad

Property & Owner _____

References, remarks, etc. _____

Development Several shallow vertical and inclined shafts, dozens of shallow cuts & pits. Largest working appears to be inclined shaft in extreme NW cor sec 20.

Remarks _____

Geology, Type Deposit: Epithermal quartz-lignite-fluorite veins
 Areal geology, rocks: identical with Sunlight mine

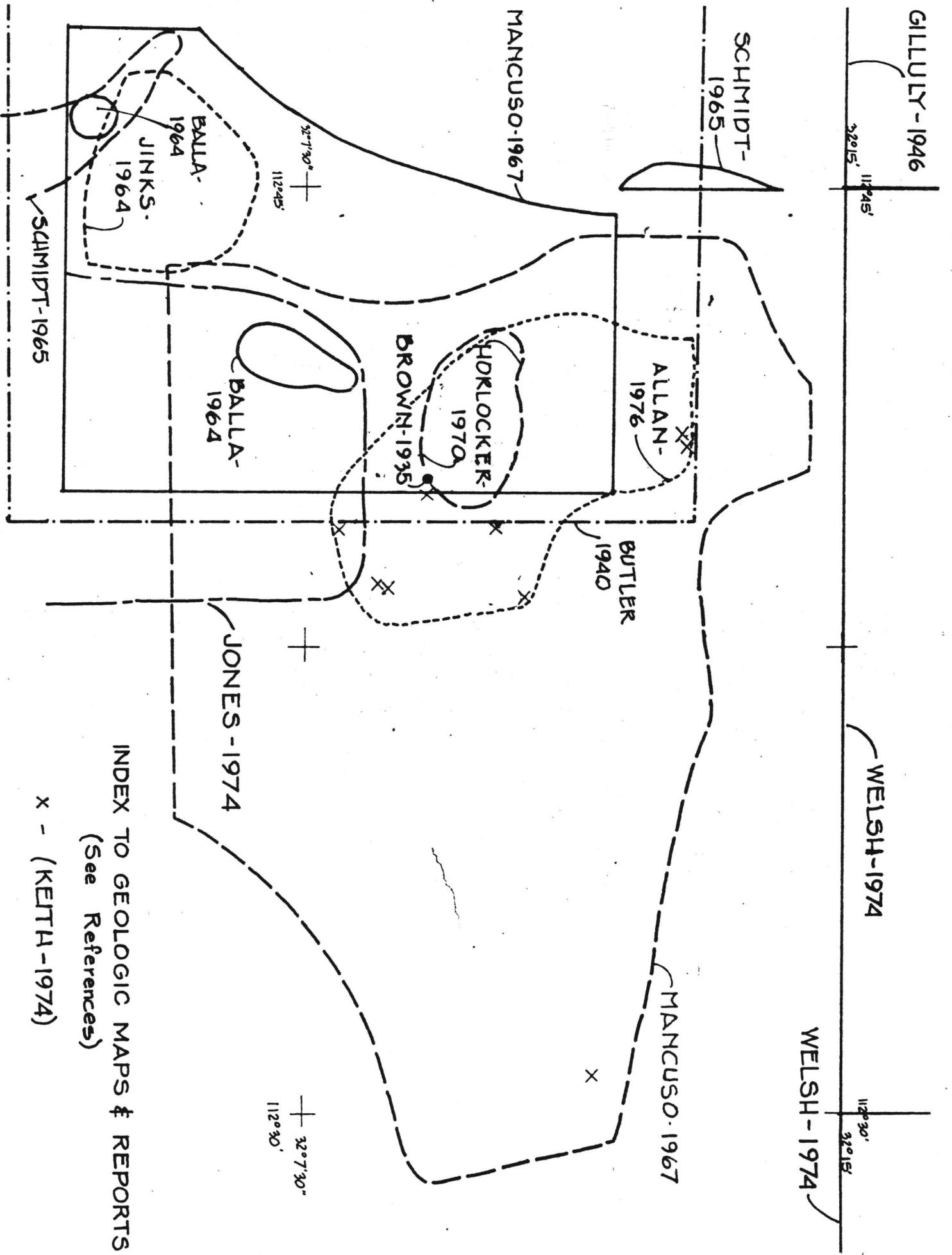
Structure: Individual veins generally narrower and less persistent than those to West. 1 vein exposed in extreme NE cor sec 20 has been considered by some to be the south-western end of the Sunlight vein, it strikes N55E, dips 70°NW.

Minerals: same as Sunlight mine.
some pale purple fluorite noted

Alteration: _____

Oxidation: _____

Conclusions and Recommendations: _____



INDEX TO GEOLOGIC MAPS & REPORTS
 (See References)

x - (KEITH-1974)

FIGURE 3
 Overlay

PROSPECT DATA

Prospect Sundown-Surprise area Former Name _____

Metal(s) of Interest Ag, W Exam. by JWA Date 4-19-75

Location 24 mi SE of Ajo County Pima State Ariz
Sec. 20 & 21 ; T 14S , R 4W Map Ref. Tomoca NW quad sheet

Property & Owner _____

References, remarks, etc. _____

Development ① vert shaft ±15' ② pit ±10' ③ Keystone vein, north shaft incl. 70°W ±30', shallow pits & drain cuts to south, ④ shaft ±20', ⑤ vert shaft ±30', pits ⑥ vert shaft ±40', ⑦ shaft ±30', ⑧ incline shaft ±60', adit 10', ⑨ shaft ±50', trench C & C incline, 80°E for ±50', flatness deeper possibly 200'+ deep, Surprise incline 75°E, timber & ladders in shaft, 10' adit to south, concrete tank & hoist foundations, shaft Remarks may be +200' deep. ⑩ shallow pits

Geology, Type Deposit: Epithermal quartz-larite-fluorite veins

Areal geology, rocks: Veins are similar to those at Sunlight mine. Vein wall rocks are as follows: ① gneissic granodiorite & andesite porphyry dike ② gneissic granodiorite & monzonite porphyry dike, ③ gneissic granodiorite & dark dikes, ④ thru ⑨ and C & C and Surprise inclines - aplitic and monzonite. The aplitic quartz monzonite is very similar compositionally to the quartz monzonite at the Sunlight mine. It occurs in the south and western portions of the Sunlight Hills, ⑩ gneissic granodiorite

Structure: ① vein N20E, 85E, 2"-1' lenses in fault zone. ② vein N15E, 80E, 2"-8" lenses in 4'-5' fault zone. ③ vein N35E, 70W, 3'-4' on north, 20'-25' on south. ④ vein N15E, ⑤ vein N50E, vert 6"-1' wide, ⑥ vein N20E, vert 1'-3' wide, ⑦ vein N-S, 80E, 1'-4' wide, ⑧ vein N5W, vert, stringers in 5'-6' fault zone, ⑨ vein N25E, 85E, stringers in 4'-5' sheared fault zone. C & C incline, vein N5E, 80°E, Surprise incline, vein N20E, 70E. ⑩ vein N22E, vert, 1'-2' wide.

Minerals: Same as Sunlight mine veins plus: ① pale green fluorite ③ vein dominantly massive, crystalline siderite, ⑥ chalcopysite lobs in dense vein material, C & C incline dune has small amts of chalcocite & conchite replacing chalcopysite in vein specimens.

Alteration: Wide bleached, "limonite" flooded zone along vein at Surprise incline

Oxidation: _____

Conclusions and Recommendations: _____

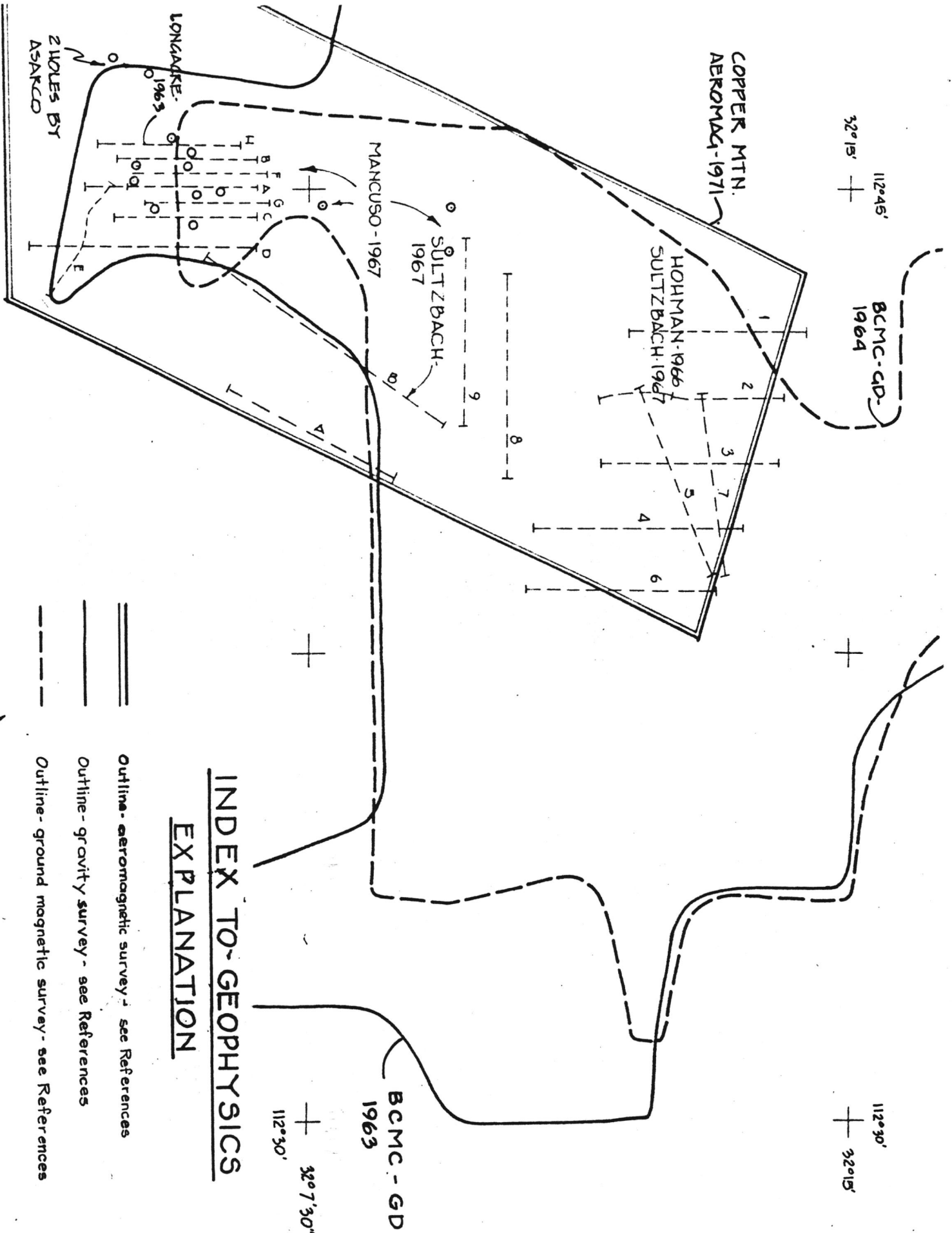


FIGURE 3

overlay

PROSPECT DATA

between sec 17 & 18 Former Name _____

Exam. by JWA Date 4-18-75

mt ajo
County Pima State Ariz
T 145 , R 4W Map Ref. Tonoca NW prelim sheet
mt ajo 15' quad

incl 70° NW, ± 60' deep

on N45E fracture zone with web
in finer grained "Sunright stock" rock
exposed (latite?) porphyry dikes. Rocks in
are barren & unaltered.

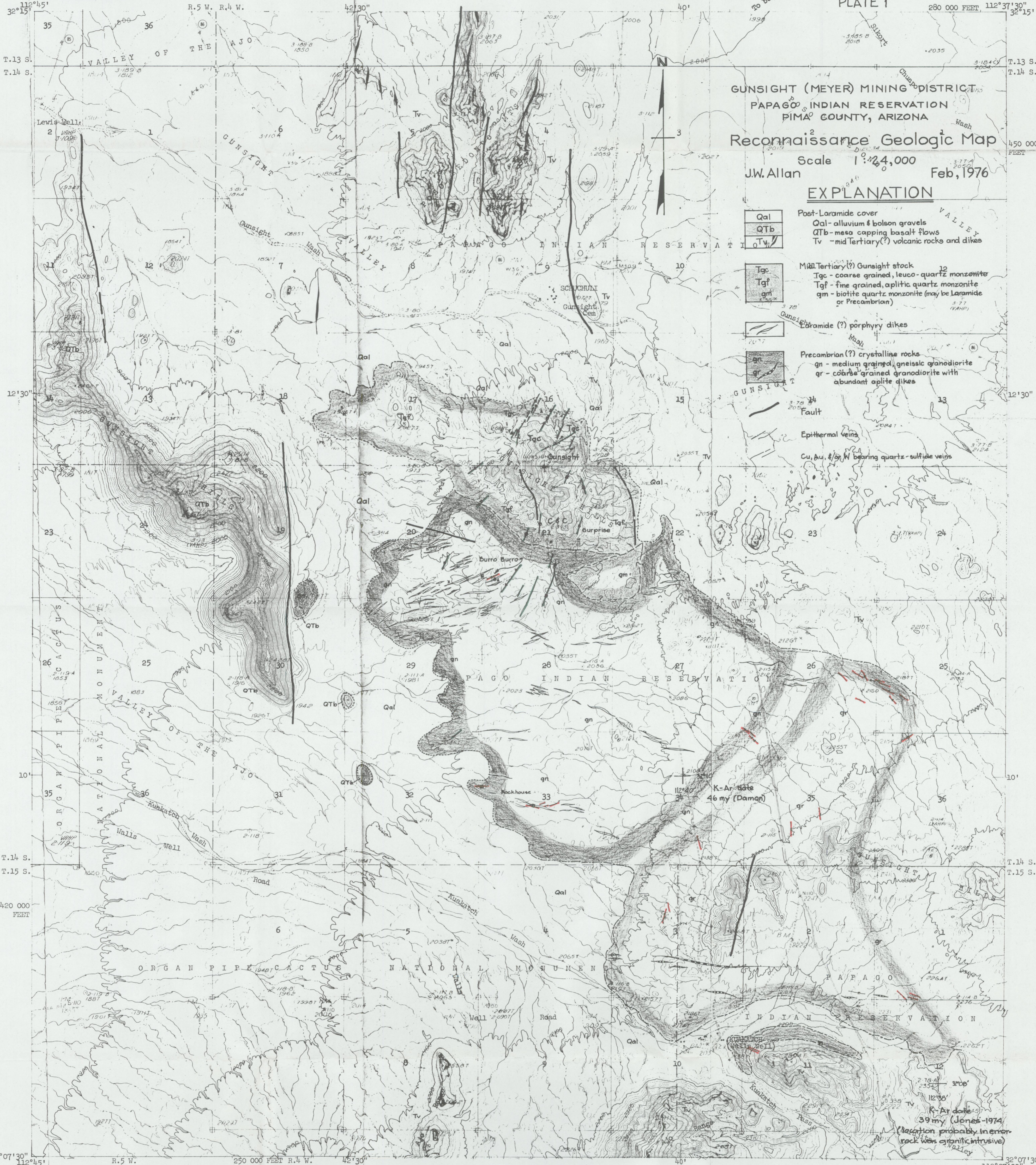
Minerals: Weak quartz & pyrite. Tr chrysocolla
& malachite in dump specimens

Alteration: _____

Oxidation: _____

Conclusions and Recommendations: _____
of no further interest

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY



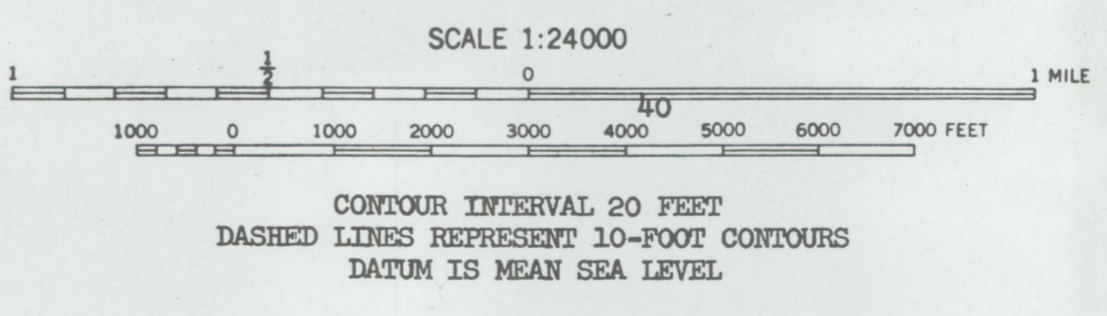
GUNSIGHT (MEYER) MINING DISTRICT
PAPAGO INDIAN RESERVATION
PIMA COUNTY, ARIZONA
Reconnaissance Geologic Map

Scale 1:24,000
J.W. Allan Feb, 1976

EXPLANATION

- Post-Laramide cover
 - Qal - alluvium & bolson gravels
 - QTb - mesa capping basalt flows
 - Tv - mid Tertiary(?) volcanic rocks and dikes
- Mid Tertiary(?) Gunsight stock
 - Tgc - coarse grained, leuco-quartz monzonite
 - Tgf - fine grained, aplitic quartz monzonite
 - gm - biotite quartz monzonite (may be Laramide or Precambrian)
- Gunsight(?) porphyry dikes
- Precambrian(?) crystalline rocks
 - gn - medium grained gneissic granodiorite
 - gr - coarse grained granodiorite with abundant aplite dikes
- Fault
- Epithermal Veins
- Cu, Au, Ag bearing quartz-sulfide veins

Mapped by Pacific Area, Geological Survey
This is an unedited copy of an original manuscript including field additions made in 1963



Gunsight Mining District - Papago Indian Reservation, Pima County, Arizona
J.W. Allan 5-12-75

PLATE 1

TONOCA INV., ARIZ.
PIMA CO.

2 Copies

NO PROJECT

PROSPECT DATA

Prospect Burro - Burro prospects Former Name _____

Metal(s) of Interest Cu Exam. by JNA Date 4-18-75

Location 24 mi SE of Ajo County Pima State Ariz
SW 1/4 Sec. 21; T 14S, R RW Map Ref. Tonaca NW quad 7 1/2
Mt Ajo 15' quad

Property & Owner _____

References, remarks, etc. _____

Development Most extensive on Burro Burro claim (see sketch below)-
several shallow pits and cuts in areas to east (± 3000') and west
(± 1500'). Several stone cabin ruins and stone mill foundations
in area of Burro Burro shaft.

Remarks _____

Geology, Type Deposit: quartz-pyrite-chalcopyrite veins
 Areal geology, rocks: _____

A strong ENE to E-W swarm of dikes ranging from diorite
porphyry to quartz monzonite porphyry cut medium grained,
gneissic granodiorite. Scattered, discontinuous quartz-pyrite-
chalcopyrite veins occur in the gneissic granodiorite in close
spatial association with the dikes.

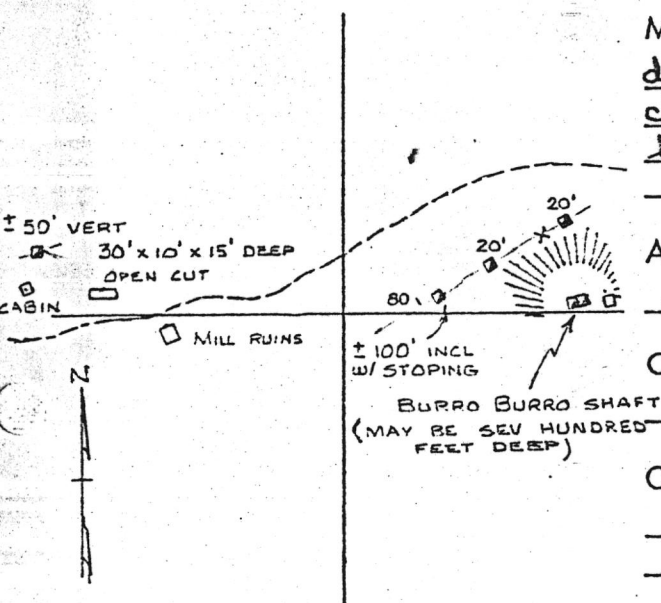
Structure: The most persistent and best defined vein of the area
occurs just north of the Burro Burro shaft (see sketch). It
appears to range up to 2 ft or so in width, strikes N60E,
and dips 80° N. Dump of Burro Burro shaft is dominantly
dark, barren, unaltered (diorite porphyry?) dike rock.

Minerals: quartz, massive crystalline is
dominant, much lesser pyrite and
chalcopyrite - malachite and chrysocolla
locally conspicuous, "limonite"

Alteration: local argillic & chloritic alteration
of wall rock. much epidote in dikes

Oxidation: sulfides on dump of inclined
shaft.

Conclusions and Recommendations: _____
Of no further interest.

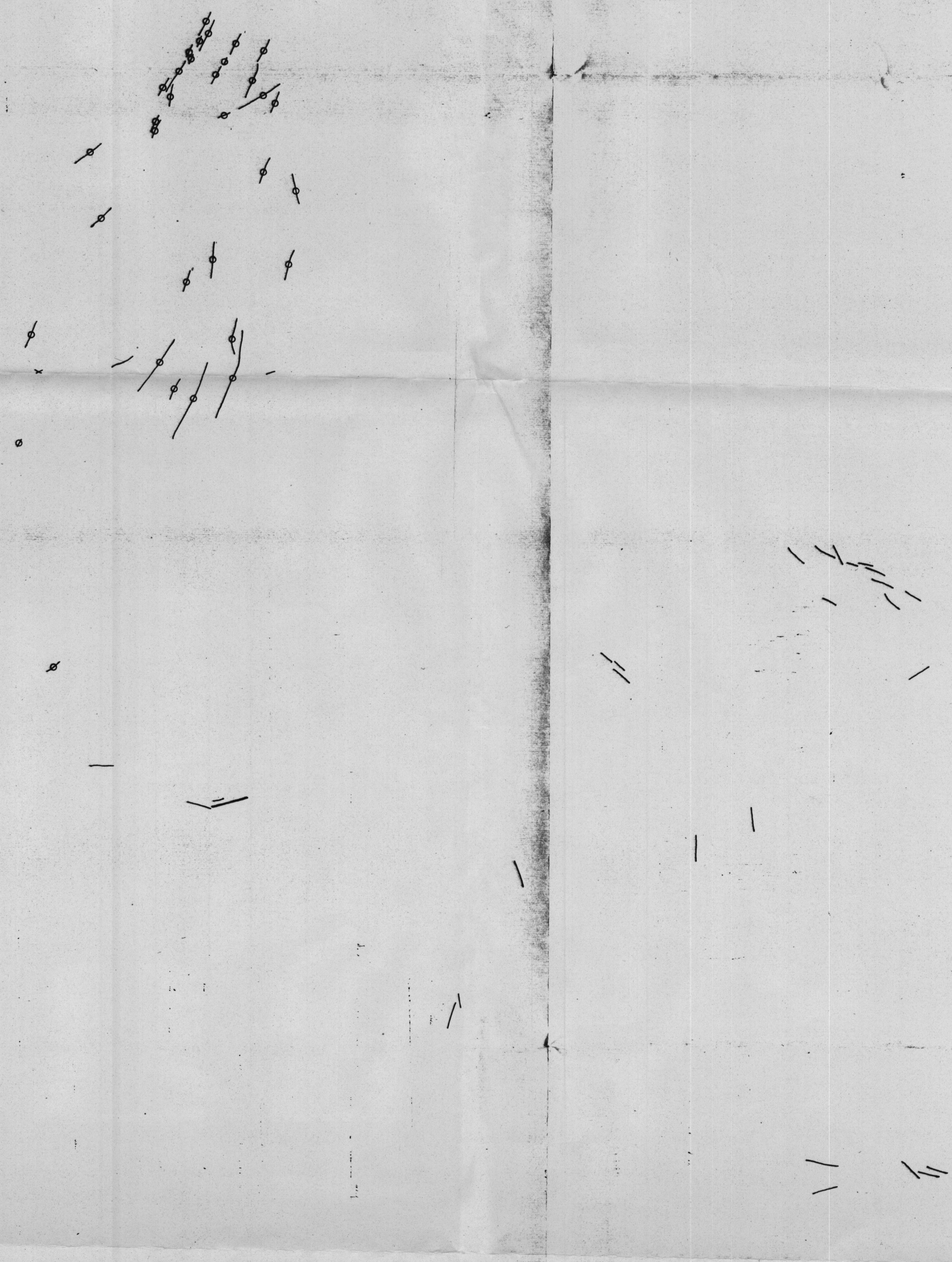


112°45'
32°15'

112°37'30"
32°15'

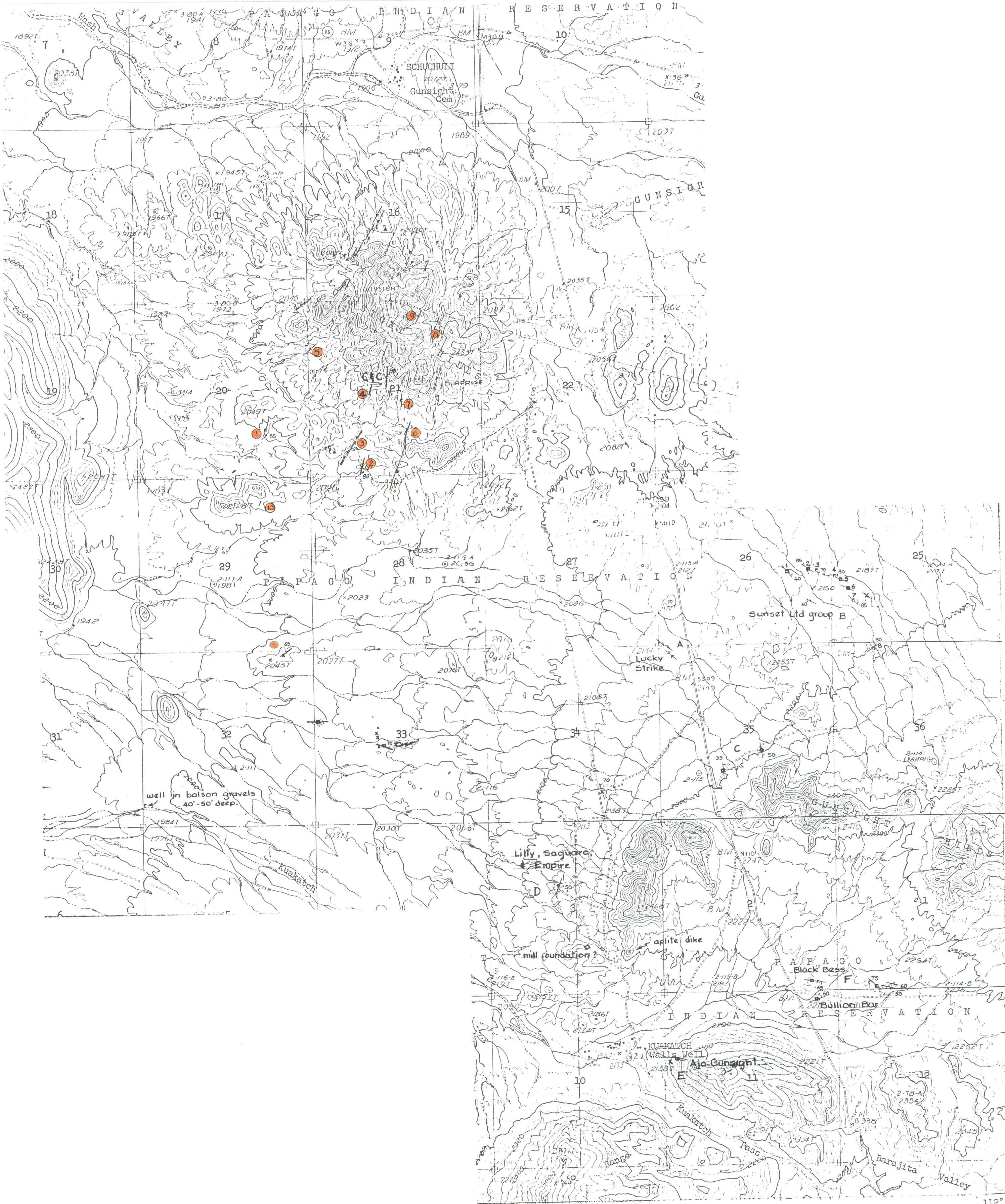
PLATE 1- Mineralization Overlay

- Epithermal veins
- Quartz-sulfide veins



112°45'
32°15'

112°37'30"
32°15'



well in bolson gravels
40'-50' deep.

Prospect Packhouse ~~Stone House claims~~ Former Name _____

Metal(s) of Interest Cu Exam. by JWA Date 5-7-75

Location _____ County Papago Ind Res State Ariz
Pima
Sec. 32 & 33 ; T 14S , R 4W Map Ref. Tonaca NW quad sheet
mt Ajo 15' quad.

Property & Owner _____

References, remarks, etc. _____

Development NE cor sec 32 : 8' pit. SW cor sec 32 : 40' to 50' well or shaft. Sec 33 : one inclined shaft ± 50' near center of section, one cased shaft lited to + 15' west edge of section, numerous shallow pits and cuts. Stone house ruin at 50' incl shaft.

Remarks The vein in NE cor sec 32 is clearly epithermal and identical to the Sunlight veins

Geology, Type Deposit: epithermal veins & copper-bearing dikes & quartz veins
Areal geology, rocks: In section 33 numerous narrow, ill-defined quartz veins carry conspicuous copper oxides. They appear related to a WNW to ENE swarm of dense, fine grained, dark greenish (amphibole) dikes cutting the granodiorite country rock which is locally gneissic. The dikes themselves sporadically are mineralized with copper-bearing quartz veinlets. Away from the narrow, scattered veins, rocks in the area are barren & unaltered.

Structure: NE cor sec 32 : vein 6" to 1' wide, N53E, 65°N. W edge sec 33 : fracture zone & dark dike E-W, 70°-80°N. Center sec 33 : mineralized dark dikes & ill-defined, impersistent veins, at east end N 60°-70°E, 70°N, at west end (50' incl shaft) N 75°-80°W, 70°N. The gneissic granodiorite country rock in the area commonly is locally strongly deformed cataclastically.

Minerals: NE cor sec 32 : quartz, barite, fluorite, calcite, siderite, chrysocolla. W edge sec 33 : quartz, calcite, barite, specularite, chalcocite → covellite, malachite & chrysocolla. Center sec 33 : quartz, chrysocolla, malachite.

Alteration: dark silice(?) & chloritic "bleeding" of vein walls for 2 or 3 ft.

Oxidation: _____

Conclusions and Recommendations: _____
Of no further interest.

Prospect Prospect A Former Name _____

Metal(s) of Interest Au Exam. by IWA Date 4-19-75

Location _____ County Papago Ind Res Pima State Ariz
NW 1/4 Sec. 35 ; T 14S , R 4W Map Ref. Tonaca NW portion sheet
mt Ajo 15' quad

Property & Owner _____

References, remarks, etc. Briefly described as Lucky Strike mine in
Ariz Bur Mines Bull 189.

Development Two vertical shafts, 30 ft and 50 ft deep and a dozen
or more shallow pits and cuts.

Remarks _____

Geology, Type Deposit: quartz-pyrite veins
Areal geology, rocks: _____

A zone of massive white crystalline quartz veins about 800 ft
long cuts gneissic granodiorite.

Structure: Individual veins imperistent. zone shows sub-parallel,
en echelon arrangement. Veins trend generally N 50°-55° W
and have steep variable dip.

Minerals: quartz, little pyrite, chlorite clots
in quartz. to chrysocolla.

Alteration: Wallrock argillized for 2 ft or so

Oxidation: _____

Conclusions and Recommendations: _____
of no further interest.

PROSPECT DATA

Prospect Prospect B Former Name _____

Metal(s) of Interest Au, W? Exam. by JWA Date 4-25-75

Location _____ County Papago Ind Res Pima State Ariz
 SW 1/4 Sec. 25; T 14S, R 4W Map Ref. Tonoca NW prelim sheet
 SE 1/4 26 mt Ajo 15' quad
 NW 1/4 36
 Property & Owner _____

References, remarks, etc. Briefly described as Sunset Limited mine group in Ariz Bur Mines Bull 148 & 189

Development Shaft numbers on accompanying sketch. ① incline, shallow, caved, also pits & trenches. ② vert, ± 30' caved. ③ vert, ± 30, short drift SE. ④ vert, ± 60', short drift SE ⑤ vert, ± 70' ⑥ vert, ± 20' ⑦ vert, possibly, ± 100' ⑧ incline ± 50'. Numerous shallow pits and cuts in area

Remarks _____

Geology, Type Deposit: quartz-pyrite veins
 Areal geology, rocks: Massive, milky white quartz veins, ranging from inches to 6 ft in width occur in medium to coarse grained, microcrystalline granodiorite which locally is weakly gneissic. The veins comprised of lenses and stringers of quartz in fault zones are normally broken & shattered. At ③, vein walls are strongly schistose parallel to vein.

Structure: Veins: ① N40W, 40E. ② N58W, 85 N quartz lenses in fault zone. ③ N 27 W, 70 E. ④ N 80 W, 80 N. ⑤ N 68 W, vert, 1'-2' wide. ⑥ N 67 W, vert ⑦ N 47 W, 85 N, 2'-3' wide. ⑧ N 55 E, 80 N, 5'-6' wide.
The granodiorite generally exhibits pervasive cataclastic texture.

Minerals: quartz, massive, milky, crystalline with small amounts of pyrite and scheelite (reported). vein at ③ contains more limonite than usual

Alteration: General bleaching & chloritization of walls for 3 or 4 ft.

Oxidation: _____

Conclusions and Recommendations: of no further interest.

PROSPECT DATA

Prospect Prospect C Former Name _____

Metal(s) of Interest _____ Exam. by JWA Date 4-25-75

Location _____ County Papago Ind Res Pima State Ariz
S 1/2 Sec. 35 ; T 14S , R 4W Map Ref. Tonoca NW prelim sheet
mt Ajo 15' quad

Property & Owner _____

References, remarks, etc. _____

Development Two incline shaft - east 40' incl 50°E, west 35' incl 35°E.
several shallow pits

Remarks _____

Geology, Type Deposit: quartz-pyrite veins

Areal geology, rocks: _____

Veins cut medium to coarse grained, holocrystalline biotite
quartz diorite or granodiorite. Away from the veins, the rock
is barren & unaltered.

Structure: East shaft - 1 to 2 ft wide quartz vein N10W, 50 E

West shaft - 1 to 2 ft wide quartz vein N5W, 35 E

Minerals: quartz, massive crystalline,
little pyrite.

Alteration: _____

Oxidation: _____

Conclusions and Recommendations: _____

Of no further interest.

PROSPECT DATA

Prospect Prospect D Former Name _____

Metal(s) of Interest Cu, Au ? Exam. by JWA Date 4-25-75

Location _____ County Pima State Ariz
center Sec. 3 ; T 15S, R 4W Map Ref. Tonaca NW prelim sheet
Mt Ojo 15' quad

Property & Owner On Organ Pipe Natl Mon

References, remarks, etc. Prospects are the same or very near the Lily, Saguaro, & Empire mines briefly described in Ariz Bur Mines Bull 189.

Development Three or more inclined shafts, all about 30' deep. Large pile of screened material in east part of area. Numerous shallow pits & extensive dozer trenching.

Remarks _____

Geology, Type Deposit: quartz - pyrite veins

Areal geology, rocks: quartz - pyrite veins carrying small amounts of copper cut medium to coarse grained, holocrystalline granodiorite or quartz diorite, locally gneissic and schistose.

Structure: Quartz veins range from 1 to 3 ft in thickness. In section 3 they trend N5W to N30E and dip 45 to 50 east. About 3000 ft NNE in SE Cor section 34 a similar vein strikes N20W and dips 70 E.

Minerals: quartz, massive crystalline, little pyrite. little chrysocolla & malachite.

Alteration: _____

Oxidation: _____

Conclusions and Recommendations: of no further interest

PROSPECT DATA
Prospect Prospect E Former Name _____

Metal(s) of Interest Au ? Exam. by JWA Date 5-7-75

Location _____ County Pima State Ariz
NW 1/4 Sec. 11 ; T 15S, R 4W Map Ref. Tonaca NW prelim sheet
mt Ajo 15' quad

Property & Owner _____

References, remarks, etc. Briefly described as the Ajo Sunlight mine in
Ariz. Bur Mines. Bul 189.

Development one vert shaft, possibly 50' deep, covered & filled to 20' - few
shallow pits

Remarks _____

Geology, Type Deposit: quartz vein
Areal geology, rocks: _____

Two or more parallel massive quartz veins cut medium to coarse
grained, holocrystalline diorite quartz diorite or granodiorite.
Rock away from veins is barren and unaltered. E-W trending aplite
dikes cut the quartz diorite.

Structure: Veins strike N 75-80 W and are vertical.

Minerals: quartz, massive crystalline

Alteration: _____

Oxidation: _____

Conclusions and Recommendations: _____

Of no further interest.