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PRINTED: 11/08/2001

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: KLANGER CLAIMS 1-3

ALTERNATE NAMES:

YAVAPAI COUNTY MILS NUMBER: 452

LOCATION: TOWNSHIP 13 N RANGE 8 W SECTION 17 QUARTER N2  
LATITUDE: N 34DEG 28MIN 25SEC LONGITUDE: W 113DEG 07MIN 00SEC  
TOPO MAP NAME: MALPAIS MESA NE - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:  
GOLD

BIBLIOGRAPHY:  
ADMMR KLANGER CLAIMS 1-3 FILE  
CLAIMS EXTEND INTO SEC. 8

KLANGER CLAIMS #1-3

Yavapai County  
Eureka District

Sections 17 and 8, T13N, R8W

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CJH 6/13/80: Holds gold claims near the Santa Maria River, Yavapai County. Will meet him in Wickenburg, Thursday, June 19, and examine the property.

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KAP WR 6/13/80: Cyanide leaching was discussed with Jerry Garrity, 568 North Lincoln, Wickenburg, Arizona 85358. He is planning a leaching operation on his gold property - the Klanger Mine in Eureka District, Yavapai County. He reported ores from the mine tested 1.28 to 1.40 tr.oz/ton gold. They were tested by Union Assay Office in Salt Lake City. I expressed the opinion that such a grade may be too high to economically leach. He said he would try it any way. He also has claims near the Big Stick Mine, Eureka District, Yavapai County, known as Genesis #3.

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Abstracted 6/25/80  
mgw

DEPARTMENT OF MINERAL RESOURCES  
STATE OF ARIZONA  
FIELD ENGINEERS REPORT

Mine KLANGER CLAIMS #1-3 (file) Date June 19, 1980  
District Eureka (Yavapai County) Engineer Clifford J. Hicks CJH  
Subject: Field Examination

Examined vein outcrop on one of three claims held by Jerry Garrity, 568 N. Lincoln, Wickenburg, Arizona 85358, phone 684-2009, and his partner Bill Stevens of Congress, Arizona. Mr. Garrity is President of Lion Hill Mines, Inc. (in Arizona). The three unpatented Klander claims are a part of his interests, and are in Sections 17 and 8, T13N, R8W. These sections are shown on the Malpais Mesa NE 7½' Quadrangle.

Access is by a dirt road which takes off to the northeast from Highway 93, immediately southeast of the bridge crossing the Santa Maria River. The river must be forded at about the six mile point of the eight mile distance to the property from Highway 93. A 4-wheel drive vehicle is essential; along with low water in the river. After crossing the river, the road is a jeep trail gaining elevation toward the flank of Hayes Peak. The claims are at an approximate elevation of 3000 ft.

The jeep road terminates at a leveled off area about 50 ft (vertical distance) below the vein outcrop. An asphalt lined cyanide leach pad of 60-70 ton capacity will be constructed on the leveled area. Samples of the quartz vein will be submitted for examination to Dave Rabb at the Arizona Bureau of Geology and Mineral Technology, the Escapules at the State of Maine Mine in Tombstone, and the U.S. Bureau of Mines Research Station in Reno, Nevada.

The country rock is a relatively fresh coarse grained granite. A 4 Ft. X 5 ft. declined adit bearing due west has been driven at least 40 ft on a quartz vein which varies in width from 6 in. to 3 ft. in width. It is striking N10°E and dips 6°NW and, alledgedly, uniformly averages 1.3 - 1.4 oz. Au/st. The adit has ponded water to within 10 ft. of the portal. Garrity and Stevens plan on using this water, supplemented, if necessary, by a spring 1/4 mile up the gulch below the pad. A nearly vertical pegmatite dike (mica, quartz, feldspar) intersects the vein at the adit portal.

The gold is extremely fine and rarely visable even under 10X magnification. A 2# sample of vein material was crushed to 100 mesh, mixed with mercury and the amalgam heated in nitric acid. Three very fine specks of gold were observed.

Plans are to bench the hillside to the north along the vein outcrop. At intervals declined adits on the vein will be driven to the west and connected by drifts creating a room and pillar mining method. Muck will be slushed to the bench for crushing. A simple aerial tram may be constructed to carry the ore down to the pad for leaching.

The possible use of an Escapule rig for processing the pregnant solutions is being considered.

NOTE: The 1/4 corner of Section 17-16 is in place about 1/4 mile southeast of the mine site.

CJH:mw

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GEOLOGY

ORE-CON MINING PROPERTY - GOLD  
Yavapai County, Ariz.

by Joseph Owens, geologist.

SUMMARY OF REPORT

ORE - CON GOLD PROSPECT

In

Yavapai County, Arizona

for

Ore-Con Inc.

1089 Cherry Lane Provo, Utah 89107  
January 25, 1975

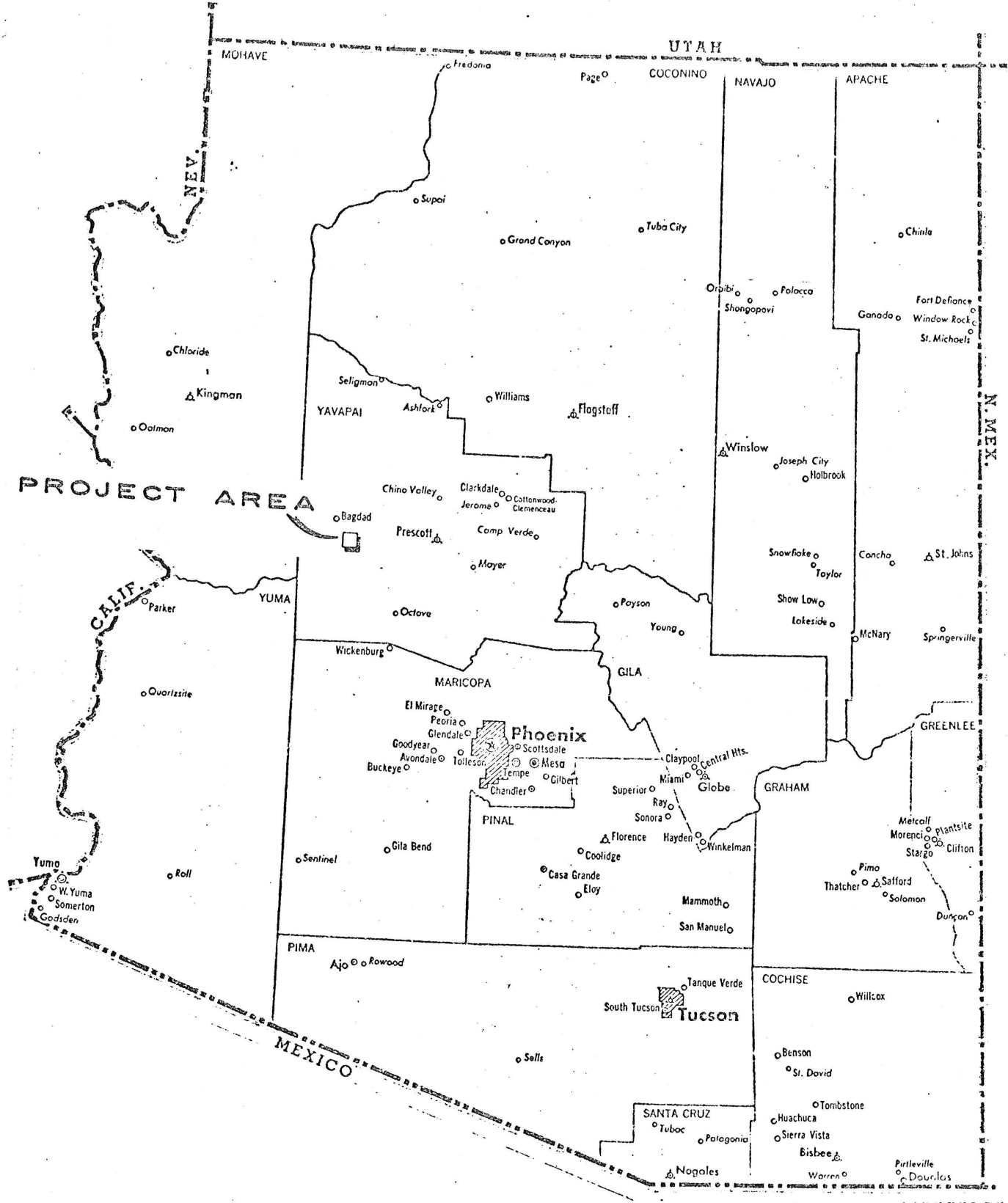
Contact:

Fred Hilsmann

801-374-0096

59E. 500 South

Provo, Utah 84601



INDEX MAP  
of  
ARIZONA

## SUMMARY OF REPORT

January 25, 1975

### INTRODUCTION:

The objective of this summary is to document findings resulting from observations made during my inspection of Ore-Con properties conducted on July 11 and 12, 1973.

During this two day field assignment I was retained by Offices and Directors of Ore-Con to geologically inspect a gold property, sample old workings, supervise location work of claims and present verbal recommendations for future exploration.

### LOCATION & ACCESSIBILITY:

These properties are situated in Yavapai County, Arizona and specifically in Township 13 North, Range 8 West and located in the southwest corner of Section 7. Accessibility is excellent via dirt road and requires traveling approximately 2.7 miles southeasterly from Arizona highway 97.

Topography is that of low rolling hills which is characteristic of flow volcanic fields. Vegetation is sparse and typical of Arizona's arid Southwest. Rainfall is minimal and climate permits year round activity.

### PROPERTY DISCRIPTION & OWNERSHIP:

Title to Property is possessory rights to all minerals and is held by Ore-Con. Claims are unpatented and are recorded in Prescott,



Arizona. Two load claims presently make up the property with six additional claims recommended for future location work.

Title search for mineral rights were conducted by Officers of Ore-Con and according to their report this area was not encumbered by existing valid claims and is therefore open to location.

Ownership to surface and water rights was not determined and should be examined in detail before future exploration activity is initiated.

#### HISTORY, DEVELOPMENT & PRODUCTION:

Information relative to early work on this property is not available at present and no attempt was made by his writer to obtain documented data on early workings.

One incline approximately 100' in depth exists and is accessible. Several levels were cut and apparently worked for native gold. At present these workings are dilapidated and in poor condition. Apparently no maintenance work has taken place for at least 30 years.

#### GEOLOGIC SETTING:

Time did not permit detailed geologic work therefore these observations are preliminary. Apparently this area is located in a pre-Cambrian granite complex composed of granite, quartz monzonite, granodiorite and quartz diorite. These intrusive pre-Cambrian granites appear in places to be propylitized and chloritized therefore metallization and alteration occurred after emplacement of granitic host rocks. Petrographic and ore genetic studies will be necessary in order to more fully understand the nature and origin of gold ores deposited in this district.

## ORE DEPOSITS:

The gold-bearing veins observed and sampled in stopes apparently are controlled by fracturization within granitic host rocks. Vein widths vary from several centimeters to one meter and in cases are mildly brecciated.

Grab samples taken from several veins contain gold ranging from 0.32 ounces to 2.90 ounces per ton. Based on present day prices quoted for gold, the value of ore would range between, \$55.00 and \$505.00 per ton. Average ore grade was not determined due to lack of adequate sampling, however, I would estimate that an average grade of ore would range between 0.30 ounces and 0.70 ounces of gold per ton and have a range value from \$52.00 to \$121.00 per ton. Additional values in silver would increase this range by several dollars. Silver values were low and were not included in this estimation.

No attempt was made to determine size and grade of ore zones. Such a study will require detailed evaluation and should be planned and adequately funded.

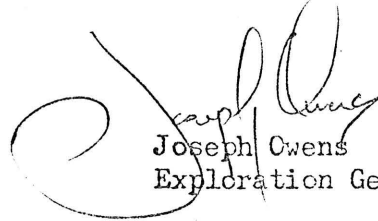
## CONCLUSION:

Much exploration work is needed on this property before a true value can be established and mining operations initiated. It is my opinion that exploration work is adequately warranted particularly since sampling results indicate the presence of economic gold values and metal prices remain firm.

I sincerely hope that future exploration will be approved by the Board of Directors and experienced consultants selected to further exploratory work on this property.

Recommendations for exploration procedures and priorities must be the responsibility of whom so ever is appointed to plan, conduct and direct future work. It was not my intention or commission to outline such procedures in this summary of report.

I wish you total success in all your exploration ventures and I also remain respectfully yours,



Joseph Owens  
Exploration Geologist

JO/no