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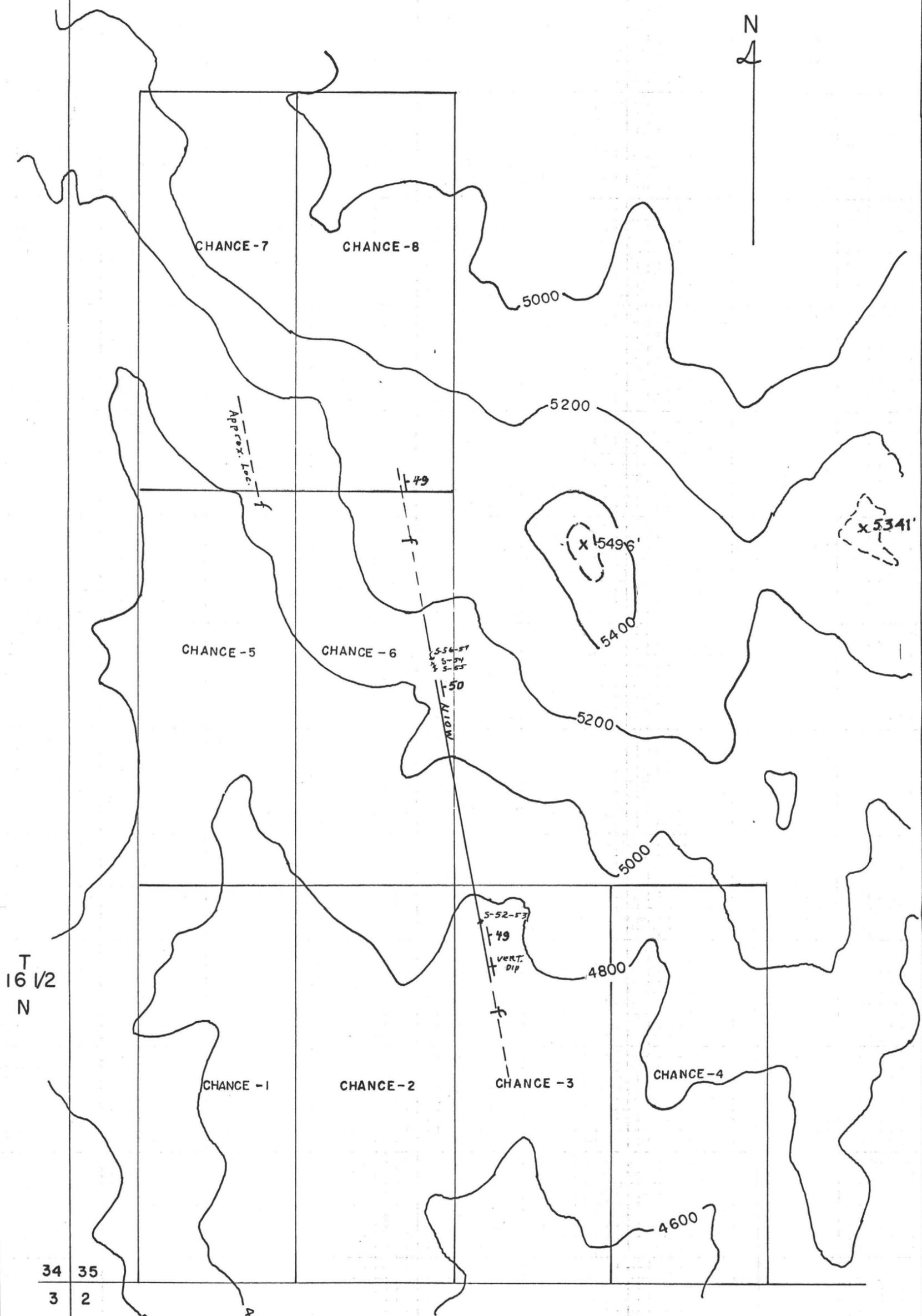
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27 26

R 15 W

34 35

N



T 16 1/2 N

34 35

3 2

T 16 N

**CHANCE LODE CLAIMS
MOHAVE COUNTY, ARIZONA**

SCALE: 1 inch = 400 feet

D. K. MARTIN & ASSOCIATES
PHOENIX, ARIZ. 1-26-84

f FAULT - VEIN
S-52 SAMPLE LOC. & NO.
X 49 DIP & STRIKE





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PRELIMINARY REPORT OF THE CHANCE LODE CLAIMS,
CEDAR MINING DISTRICT, MOHAVE COUNTY, ARIZONA

Prepared For
Gilbert E. Mann

PRELIMINARY REPORT OF THE CHANCE LODE CLAIMS,
CEDAR MINING DISTRICT, MOHAVE COUNTY, ARIZONA

by

D. K. Martin and Associates

LEGAL

Claims: Chance #1 through Chance #8
Located: 3/6/83
Recorded: 3/10/84 Book 909, Pages 433 through 448
BLM: Amc #193477 through 193484
Locators: Don P. Packard
Thomas D. Packard
Oscar L. Parker
Lorrain Morris

EXAMINATION

The field examination of the Chance Claims were made on January 21, 1984. Those visiting the property included:

D. K. Martin	- Engineer
S. C. Brown	- Geologist
Arnold Takemoto	- Geophysicist
Oscar Parker	- Part Owner
Lorrain Morris	- Part Owner

LOCATION and ACCESSIBILITY

The Chance Claims are approximately 15 miles Northwest of Wikieup, Arizona. Travel is by graded dirt road from Highway 97 at Natural Corrals; West, past the Cedar Mine Road toward the San Francisco Mine. A jeep trail turns North approximately 4 miles prior to reaching the San Francisco Mine, and extends to the Chance Claims.

The terrain is rugged mountain country ranging in elevation from approximately 4560 feet to 5360 feet within the limits of the claims.

UTILITIES

There are areas on the claims which indicate an ample supply of water could be available by means of a drilled well.

Commercial electricity, land line telephone and natural gas are unavailable due to the remoteness of the claims. Propane tanks, electrical generation and communication systems must be provided.

APPROACH TO MINING

If the indicated ore body proves to be economically feasible, open pit excavation to a practical depth is plausible along the entire length of the fault zone, permitting ore removal much less expensive than underground extraction.

Upon reaching the practical depth, underground mining methods must then be considered.

GEOLOGY

The major surface rocks in the area consist of pre-Cambrian granite gneiss, a metamorphosed granite. Small local outcrops of schist, gabbro and related crystalline rocks occur in the main gneissic mass.

Intrusive rocks of Cretaceous-Tertiary age (Laramide) are exposed at the surface approximately 5 miles Northeast of the Chance claims. These Laramide intrusives underly most, if not all of the Hualapai Mountain Range, and are the source of the mineralization in the area.

The main fault observed has a strike of N 10° W and dips 49° to 50° to the East. One vertical dip was taken on Chance #3 claim, but this is probably due to drag near the fault zone. The main mineralized zone occurs in the fault which ranges from 6 to 12 feet in width. Quartz lenses up to 4 feet in thickness were observed in the fault along with rubble and fault gouge, which is mostly clay material.

Five representative samples were taken in two dozer cuts on Chance #3 and #6 claims. The samples were dissolved in aqua regia solution and analyzed by Atomic Absorption to indicate ounces of precious metal per ton. The results are as follows:

<u>Sample</u>	<u>Description</u>	<u>Gold</u>	<u>Silver</u>
67252	Chance #3 - Foot wall, West side	0.054	0.27
67253	Chance #3 - East side of vein	0.008	0.29
67254	Chance #6 - 4 1/2' siliceous zone	0.025	1.16
67255	Chance #6 - Grab Sample, Dump	0.034	13.32
67256	Chance #6 - 4 1/2' siliceous zone	0.017	3.86
67257	Chance #6 - 4' clay gouge, footwall	0.030	1.56

It is indicative, but not conclusive, greater values should be obtained at depth. Samples should be retrieved from below surface and analyzed. This can be accomplished by drilling several exploratory holes which would verify width and depth.

A small fault zone was observed in the Southern part of Chance #7, but its location is only approximate as this assignment was in investigate only the major fault zone. Many quartz veins and stringers were also noted. However, additional field work and a more thorough geological examination is necessary to map these observed trends and their magnitudes, as well as other faults that may occur within the limits of the Chance Claims.

Parallel and cross-faults are expected to exist in the area. However, their magnitude will probably be on a smaller scale than the main fault.

The Chance Claims are in a regional setting geologically where good ore occurs, and other mines have produced excellent minerals in the past. The major attraction is where the Laramide rocks are intruded into the pre-Cambrian basement complex as it occurs at this location. The majority of mines in Arizona are located in areas where this condition exists.

ADJACENT MINES

Located on similar structures parallel to the Chance claims, approximately one mile Northeast, the following values have been published:

<u>Mine</u>	<u>Depth</u>	<u>Gold</u>	<u>Silver</u>
Hubbard	Surface	0.10	2.0
Mexican Prospect	10'	0.09	9.8
Mexican Stope	20'	0.17	52.3
Silver Queen	50'	0.57	54.6
General Lee	70'	4.60	340.0
Arnold	75'	0.19	28.7
Arnold	100'	0.12	243.0
Arnold	200'	0.27	104.2
Filmore	Average		42.05

COMMENTS

Based on a review of the Cedar Mining District and a history of the adjacent mines, it appears the value of precious metal generally increases with depth. This may or may not be the case on the Chance claims.

Sample #55 taken from an old dump adjacent to a caved adit on the Chance #6 claim indicates the siliceous vein material taken below surface shows an increase in silver value, which appears to hold true for the area.

RECOMMENDATIONS

It is the opinion of this Company, the property merits additional exploration to delineate the indicated ore body as to its mineral grade and magnitude. To accomplish this, the following is suggested:

- A) Geologically map and sample the major fault zone, including parallel and cross faults.
- B) Conduct other such testing procedures as may prove advantageous.
- C) Select drilling targets and block out ore body as to its mineral content and grade.
- D) Conduct such necessary tests to determine the most economical method of mineral extraction from the ore.

Respectfully submitted,

D. K. Martin
D. K. Martin, Engineer

S. C. Brown
S. C. Brown, Geologist

DKM/SCB/jem

