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02/26/90

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: APEX MINE

ALTERNATE NAMES:

COCHISE COUNTY MILS NUMBER: 141

LOCATION: TOWNSHIP 20 S RANGE 27 E SECTION 12 QUARTER NW
LATITUDE: N 31DEG 42MIN 35SEC LONGITUDE: W 109DEG 32MIN 49SEC
TOPO MAP NAME: SWISSHELM MOUNTAIN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

LEAD
SILVER
GOLD LODE

BIBLIOGRAPHY:

KEITH, S.B., 1973, AZBM BULL. 187, P. 70
ADMMR APEX FILE

APEX MINE

REFERENCES

COCHISE COUNTY
SWISSHELM DIST
T20S R27E Sec. 12

Cochise County MILS Index #141

ABM Bull. 187, p. 70, 18, 30

Schribner Mine (confidential file)

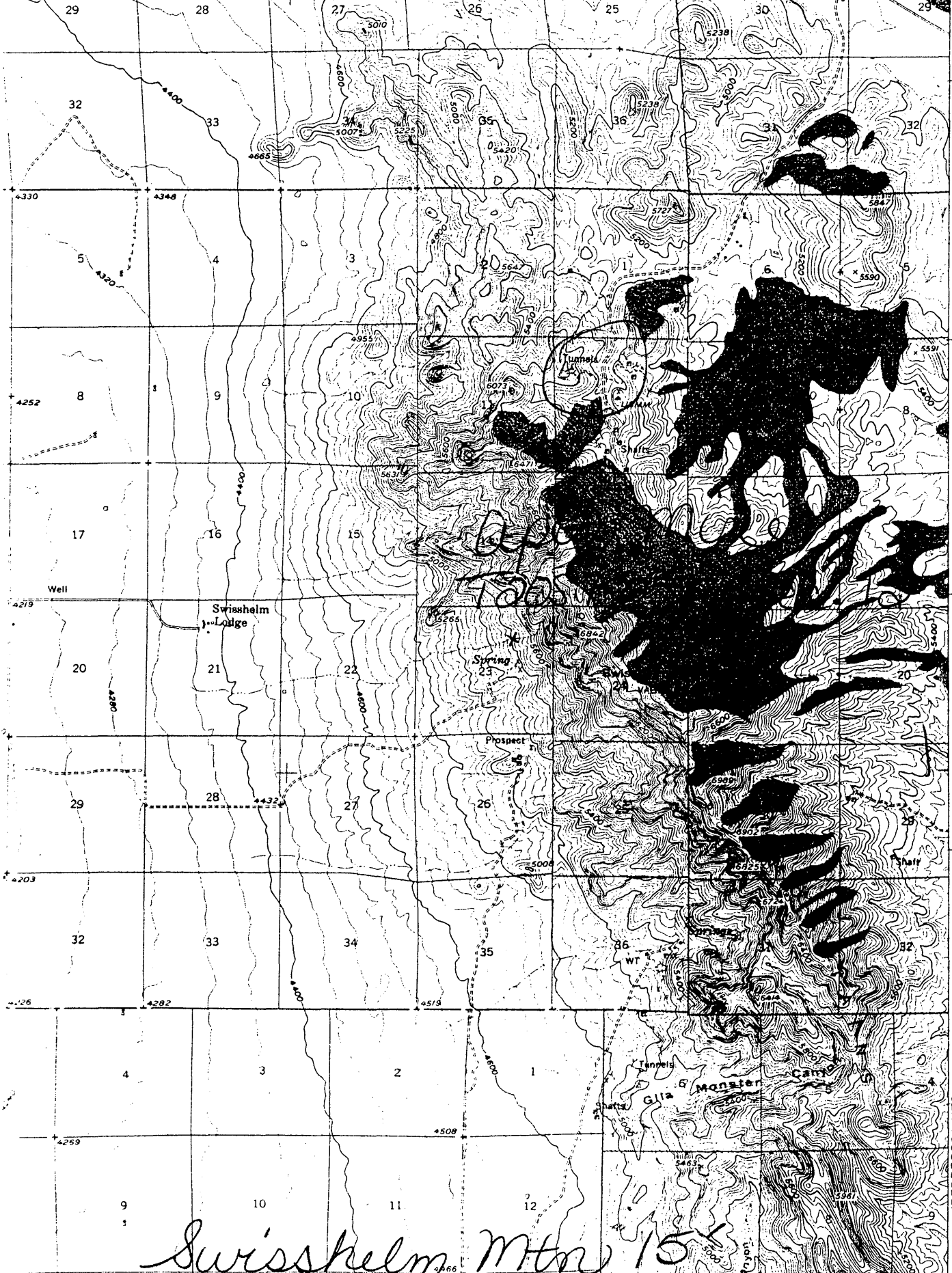
Map in cabinet upstairs under SCHRIBNER-TAYLOR

Swisshelm Mtn., AZ 15' Topo (included in file)

SWISSHELM MTN. QUADRANGLE
ARIZONA-COCHISE CO.
15 MINUTE SERIES (TOPOGRAPHIC)

(CHIRICAHUA PEAK)

(LS) R. 27 E. 35' 700 000 FEET R. 28 E. 109° 30' 31° 45'



T. 19 S.
270 000
FEET

T. 20 S.

40'

(PEDREGOSA MTS)

Swisshelm Mtn 15'

DEPARTMENT OF MINERAL RESOURCES

State of Arizona

MINE OWNER'S REPORT

THE APEX CLAIMS NO LONGER EXIST

Date 4-15-74

1. Mine: APEX
2. Location: Sec. 12 Twp. 20S Range 27E Nearest Town. ELFRIDA Distance.....
Direction..... Nearest R.R..... Distance.....
Road Conditions.....
3. Mining District and County: Swiss helm - Cochise
4. Former Name of Mine:.....
5. Owner:.....
Address:.....
6. Operator:.....
Address:.....
7. Principal Minerals:.....
8. Number of Claims: Lode..... Patented..... Unpatented.....
Placer..... Patented..... Unpatented.....
9. Type of Surrounding Terrain:.....
10. Geology and Mineralization:.....
11. Dimension and Value of Ore Body:.....

Information from
Rydlom.

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective lessors or buyers.

(over)

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine ☒ Apex Mine

Date Jan. 16, 1952.

District Swisshelm Dist., Cochise Co.

Engineer Axel L. Johnson

Subject: Mine Report ----- Source of Information --- Homer Bates, Owner.

Location Sec. 6 -- T 20 S -- R 28 E (approx. Loc.)
49 miles north of Douglas----- 30 miles north on highway no. 666, then
east for 19 miles on Rucker Canyon highway.

Number of Claims 4 unpatented claims.

Owner ☒ Homer Bates, 630 -- 12th St., Douglas, Arizona.

Operator Same as above

Principal Minerals ☒ Lead with a small amount of Zinc. Ore is both in the form
of sulphides and carbonates.

Men Employed Owner working himself on the property, only.

Production Rate None. Owner doing exploration work only.

Milling Facilities None.

Geology Ore occurs as replacements in limestone, along fissures in the limestone
formation.

Ore Values Owner shipped 3 tons of handpicked ore from his exploration work to
Hawley & Hawley. This ore sampled and assayed ran 37 % Lead.

Present Operations Exploration Work.

Proposed Plans Owner applied for a Government Exploration Loan last October.
The property was examined by the Bureau of Mines engineers in December. There has
been no action taken on the application, as yet. The application was in the amount
of \$3,000.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Hemer Bates Lead Date February 20th, 1944
District Swisshelm Mtns. Engineer A. Macfarlane
Subject: ✓

Property Owner; Mr Homer Bates, Address Elfrida, Arizona. ✓

Location Of Mining Claims ; About 3 miles southerly from Rucker Canyon road and about 3/4 of a mile from the Taylor and Scribner lead mines, the Bates claims most occupy the south east slope of a high limestone hill and when looking directly east from the tunnel portal, the dumps and open-cuts of the Taylor and Scribner mines are clearly visible.

Bates Mine Workings; A few prospect shallow shafts and short tunnels in all about 150 linear feet, these workings made on surface fractures showing in part some lead carbonate stringers, which it is presumed will lead to chambers or definite veins within the mass of limestone.

A few tons of lead ores have been mined and sorted from out part of the muck made in doing the prospecting work, this according to Mr Bates history of the prospect. No ore was noted on any of the small dumps and not sufficient mineralization in place to justify a sampling of the exposed faces.

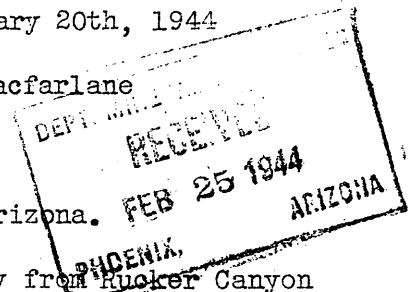
Structures; Within the area so far prospected, the surface does show rock movement forming what may be definite veins, or leads radiating from deeper lenses within the limestone; this may only be determined, by advancing the main tunnel and cross-cutting therefrom, at a depth below surface elements which do not expose commercial mineralization, within these surface indications.

Neighboring Mines; Within similar geological formations and in proximity to the Bates property, are located the Old Scribner Lead Mine also the Taylor Lead Mine, apparently a continuation to the south from the Scribner, these properties are in part worked and prospected to a depth of more than 200' and it is recorded that several thousand tons of sorted lead ore, has been marketed from these two mines.

Bates, Proposed Mine Development; Would drive the main tunnel in a south-westerly course along a fracture or joint plane, which evidences some lead mineralization, the heading of this tunnel to extend under the crest of a shoulder of the hill, and here a shaft has been sunk about 18' on apparently the same structure.

In the event that this proposed work of tunneling and the cross-cuts which might be required, to further the search for ore, is successful, then the preliminary prospecting as proposed might open commercial ore faces.

Prospect Stage; The property at present is in mere discovery stage and not sufficient mineralization visible, to justify a recommendation, of future expectancy; However the lead ore bodies do quite frequently open up in these limestones, and there are certain indications, within the present prospected area of the Bates property, to warrant the expectancy of workable ores.



line visit at Apex mine, apparently assessment work by Rydbom only. GI WR 3-27-74

February 25, 1944

Mr. Homer Bates *mine*
Elfrida, Arizona

Dear Mr. Bates:

I received your note saying you could not arrive this week and will be glad to see you when you do arrive in Phoenix.

I have just received a report by Macfarlane on your property and am enclosing a copy of it.

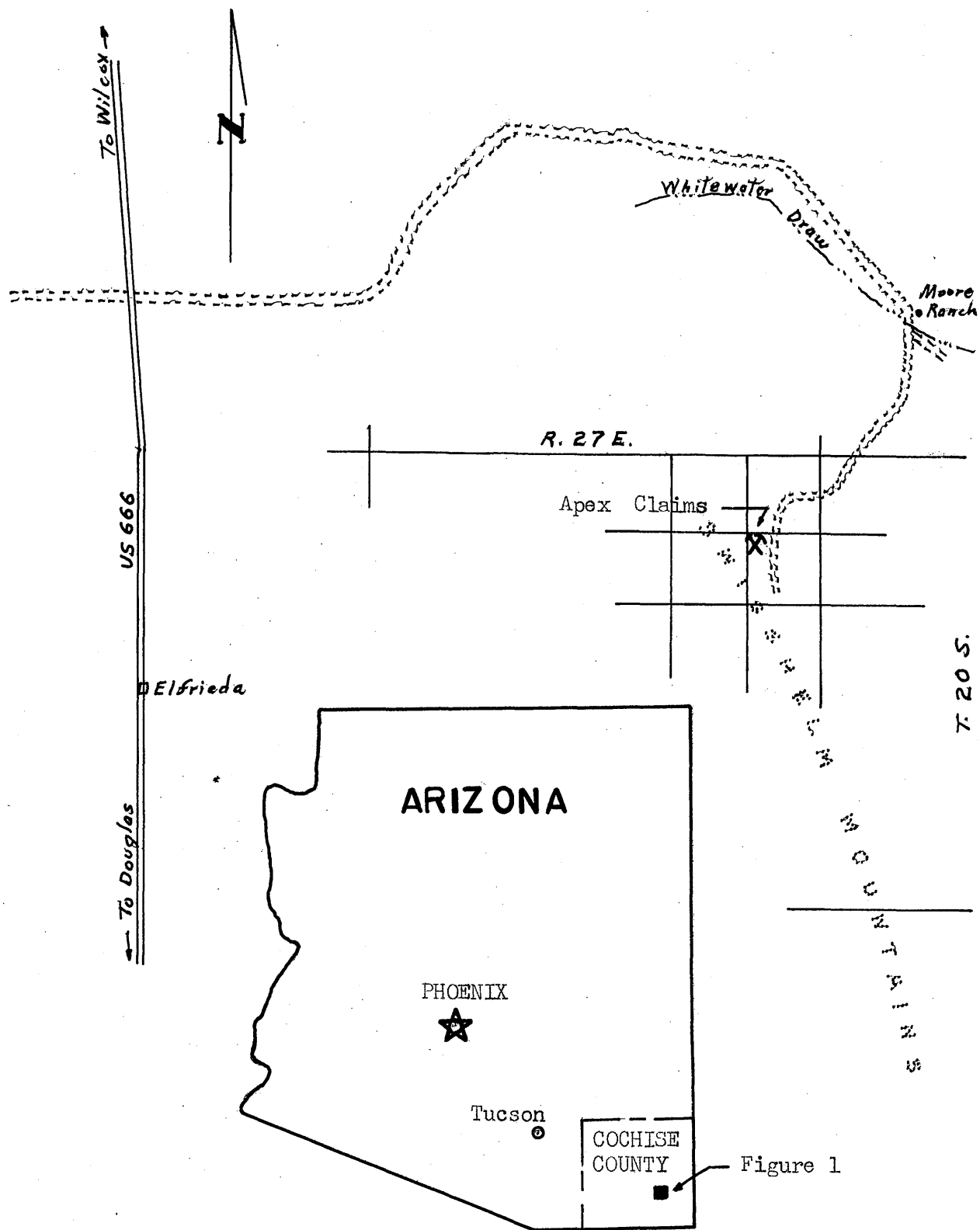
From this report and from my own observations I do feel as though the chances are greatly against you for getting approval of a loan for development of your property. It is in the exploration stage and I feel sure it will be classified as exploration rather than development work. However, despite my opinion you can make your application for a loan and then the R.F.C. Mine Loan Division will give it due consideration.

With best wishes, I am

Yours very truly,

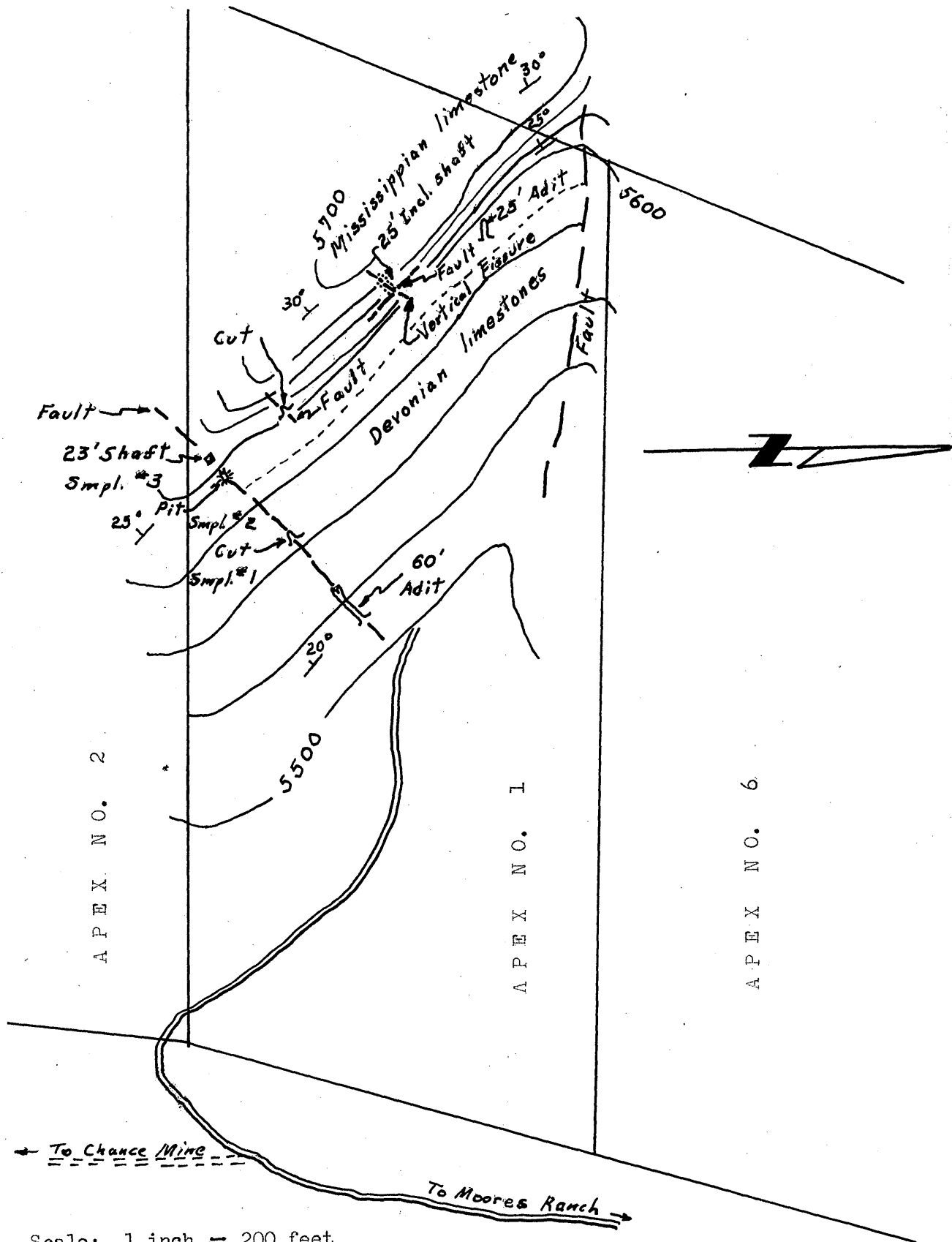
J. S. Coupal, Director

JSC:LP
Enc.



Scale: 1/125000

FIGURE 1 - LOCATION MAP, APEX LEAD PROSPECT D. M. A. 2159X



Scale: 1 inch = 200 feet

D.M.A. 2159X

FIGURE 2 - CLAIM MAP, APEX LEAD PROSPECT, COCHISE COUNTY, ARIZONA