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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: LEADVILLE GROUP

ALTERNATE NAMES:
HARTZEG

LA PAZ COUNTY MILS NUMBER: 125

LOCATION: TOWNSHIP 3 N RANGE 20 W SECTION 4 QUARTER NE
LATITUDE: N 33DEG 38MIN 07SEC LONGITUDE: W 114DEG 18MIN 56SEC
TOPO MAP NAME: MIDDLE CAMP MTN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

LEAD
ZINC
SILVER
GOLD LODE
STONE DIMENSION

BIBLIOGRAPHY:

KEITH, S.B., 1978, AZBM BULL. 192, P. 161
ADMMR LEADVILLE GROUP FILE

LEADVILLE GROUP

YUMA COUNTY

Mr. L. H. Erdman is looking for more finance to open up his Leadville mine near Quartzsite.
LAS Quartzsite Conf. 1-5-61

RH

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Leadville (Erdman)

Date 9-10-59

District Dome Rock Mtns. (La Paz) Yuma County

Engineer Lewis A. Smith

Subject: Mine Visit

FILED

007 2 1959

Property: 3 unpatented claims

Owner: L. H. Erdman, Box 28, Quartzsite

Location: T. 3 N., R. 20 W., S 16 (NE $\frac{1}{4}$) (5 miles west of Quartzsite on Highway 60-70 and thence 1 mile on dirt road to the south). The Property adjoins the Hi Jolly Group on the east.

Work: Work consists of a 30 foot timbered shaft with a wooden "box" head frame, air hoist, compressor, and hoist shed. At 30 feet below the collar shaft drifts extend some 25 to 30 feet northeast and southwest. Minor stoping occurred on the northeast drift on a flat bed.

Geology: The mineralization apparently follows a quartz stringered shear zone which trends NE-SW (roughly N 30° E) and dips steeply SE. The shear varies from a few feet up to 10 feet wide and is closely shattered. The shear transversely cuts schists which are iron stained and which are mineralized in thin bands on the schist planes by anglesite and galena. These bands are usually very thin but belly to as much as 2 feet near the shaft. The dark schists (hornblende or augite schists) appear to mineralize more readily than the quartz-mica schists. The mica is biotite in the dark schists and is muscovite in the others. Nearby and parallel to the shear, a basic dike of irregular character cuts the schists. This appears to be diabase, but is too badly altered near the surface to be determinable. Test drilling has disclosed that the bedded ore zone extends 100 feet in length equi-spaced on both sides of the shaft, but somewhat more concentrated to the NE. Test and grab samples, according to Erdman, indicate that the ore would have to be beneficiated to pay. The best bands individually run up to 35% Pb and some silver and gold, but a mineable width would run very much less. The ore bands are accompanied by some calcite, siderite and quartz. Yellow to red limonite is prevalent and appears to have been dropped from pyrite. Much of the country rock on both sides of the shear contains a little gold especially along the planes of schistosity. Mr. Erdman plans to do more development work by long-hole drilling. He has equipment to drill up to 35 foot holes.

He stated that he has the use of the old Quartzsite tungsten mill, now owned by Halsey Williams. This mill has flotation cells combined with tables and a fairly well conditioned crushing and grinding section. It was operated during World War II and later when the tungsten program was operative.

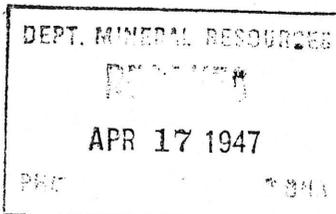
DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Yuma Co

Mine Leadville Group
District La. Cholla
Subject:



Date April 9th, 1947.

Engineer A. C. Nebeker

Location:

The leadville Group of claims consisting of 6 unpatented claims is located 7 miles west of Quartzite, Arizona, and one mile south of the oiled highway. A good auto road goes right up to the property.

Topography:

This group of claims is near the north end of Rock Dome Mountains. The elevation at the mine is about 900 feet. The mine is on the west side of a gully with gentle slope and in a low butte.

Geology:

The butte at the mine is capped with quartzite, under which appears what seems to be a silicified lime in which the lead ores are making, below this we get the igneous. The dip of the formation is low and in places almost flat. The joint planes and fractures through the lime, seems to be the channel through which the mineralizing solutions reached the favorable beds.

Ores:

The ore is both the carbonate and sulphide of lead, carrying silver and gold. Of three car loads shipped to date the values ran, 17% lead; 1.5 oz silver and .12 oz gold. The ores now being mined are all sulphides. Two cars were shipped to El Paso, Tex, but the last car was sent to Midvale Utah.

Development work:

Very little work has been done, but what has been done consists of a short adit of 40 ft, from which a 25 ft winze was sunk and about 20 feet drifting. For amount of work done the property has produced well.

Equipment:

A portable compressor, jackhammer, stoper, drill steel and car. Water has to be hauled in.

The work is being done by Halsey Williams, A. H. Walker L.L. Walker and F.J. Gerlach, Address Quartzite.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Leadville Mine

Date Oct 15th, 1947.

District Quartzite

Engineer A.C.Nebeker

Subject: Operation

The Leadville Mine located 6 miles west of Quartzite and south of the Highway I mile equipped with the standard prospecting outfit consisting of compressor, drills and hoist and bunkhouse for the men who wish to stay at the property.

This property has shipped three cars of lead ore while developing off the tunnel level. At the portal of the tunnel an incline shaft as been sunk, which is now down 50 feet and the ore which is from 5ft to 10 ft wide is being developed from that level. The ore is a very good grade mill ore.

The company is fitting up the Williams mill at Quartzite to handle the ore, and were adding floatation cells the day I was there. They will also treat like ore from the adjoining mine of the United Lead mines.

Mr A.H.Walker is in charge of operations, for the Leadville Mines.

Mr Sinclair Hogue is incharge of the United Lead Mines.

XXXXXXXXXXXX

518 Title & Trust Bldg.

March 31, 1942

Mr. R. E. Hartsif
Quartzsite, Arizona

Dear Mr. Hartsif:

Many thanks for your letter of
March 30 and the sketch of your claims.

We have noted the correction in
paragraph 23 of the Mine Owner's Report and will
see that this is corrected in our files.

Thanking you very kindly, I am

Yours very truly,

J. S. Coupal

JSC:LP

March 23, 1942

Mr. R. E. Hartsif
Quartzsite, Arizona

Dear Mr. Hartsif:

I am enclosing herewith a copy of mine owner's report filed with this department covering the LEADVILLE GROUP in Yuma County.

I shall be glad to submit a copy of this report to anyone making inquiry for a property such as yours.

Assuring you of my desire to be helpful, and with best wishes, I am

Yours very truly,

J. S. Coupal

JSC:LP
Enc.

LEADVILLE

*Yuma County
Albuquerque*

Owner: R. E. Hartsif, Quartzsite, Arizona

Now under lease and bond to H. L. Williams,
A. H. Walker, L. T. Walker and F. J. Gerlach.

Six miles west of Quartzsite and 1 mile south.

Evidently a blow-out in the lime shows about
30 feet east-west on the creek level and about
30 feet southwest at an elevation about 50 feet
higher.

The contents are lead and gold. Couple of
carloads of shipping ore on the dump.

E. H. Sweeney

February 4, 1947

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
Mine Owner's Report

Date: March 14, 1942

1. Mine: LEADVILLE GROUP
2. Location: About 6 miles west of Quartzsite, Arizona.
3. Mining District & County: Plomosa Mining District, Yuma County, Arizona
4. Former Name: None.
5. Owners: R. E. & May Hartsif
6. Address (Owners): Quartzsite, Arizona.
7. Operator: None.
8. Address (Operator):
9. President, Owning Co: None.
- 9A. President, Operating Co:
10. Gen. Mgr:
14. Principal Minerals: Lead and Gold.
11. Mine Supt:
15. Production Rate:
1. Mill Supt:
13. Men Employed:
18. Operations - Present: Not being operated.
19. Operations - Planned: None - only assessment work.
20. Number Claims, Title, etc: Six unpatented claims.
21. Description - Topography & Geography: Low rolling hills bordered on the south by a large diorite porphyry range; on the north by large granite range; about two miles between the two. About 6 miles west of Quartzsite and 12 miles east of Colorado River.
22. Mine Workings - Amt. & Condition: This is just a prospect. The work done is an open cut exposing the ore for a distance of 50 feet up the hill with another cut on the other side of hill. Have taken out about 20 tons of ore averaging 20 to 26% lead and \$6.00 in gold. And about 20 tons on other side of hill.

(over)

arbores

23. Geology & Mineralization: The ore carried in ~~across~~ ^{arbores} sandstone with rhyolite walls. A primary ore. Carbonate of lead and free gold. Type of deposit is igneous. Ore body has several post-mineral fractures.

24. Ore - Positive & Probable, Ore Dumps, Tailings:

24A. Dimensions and Value of Ore body: The body is at least 100 feet wide and at least 50 feet in depth. Average according to assays 10% lead and \$5.00 in gold.

25. Mine, Mill Equipment & Flow-Sheet:

26. Road Conditions, Route: One-half mile south of paved highway 60, and that is practically level - can drive right to ore body.

27. Water Supply: Nearest known supply is at Quartzsite, 6 miles and the Colorado River, 12 miles.

28. Brief History: New discovery.

29. Special Problems, Reports Filed:

30. Remarks: In case we cannot be contacted at any time, Judge Hart at Quartzsite will show property.

31. If property for sale - Price, terms and address to negotiate: Will lease on 10% royalty or will give lease with option to buy at \$25,000.00.

32. Signature: (SIGNED) R. E. HARTSIF
Quartzsite, Arizona

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

MAR 16 1942
MAR 14 - 1942

Date

- 1. Mine *Leadville Group*
- 3. Mining District & County *Promona Yuma*
- 4. Former name *None*
- 5. Owner *R. E. Hartsif*
- 7. Operator *None*
- 9. President, Owing Co. *None*
- 10. Gen. Mgr. *None*
- 11. Mine Supt. _____
- 12. Mill Supt. _____
- 13. Men Employed _____

- 2. Location *about 6 miles west of Quartzsite and 2 miles south of highway 3/4 mile west of Sugarloaf Butte*
- 6. Address (Owner) *Quartzsite Ariz*
- 8. Address (Operator) _____
- 9A. President, Operating Co. *None*
- 14. Principal Minerals *Lead and gold*
- 15. Production Rate _____
- 16. Mill: Type & Cap. _____
- 17. Power: Amt. & Type _____

18. Operations: Present

Not being operated.

19. Operations: Planned

Doing only assessment work

20. Number Claims, Title, etc.

Six claims. Unpatented

21. Description: Topography & Geography

Low rolling hills bordered on the south by a large diorite porphyry range. On the north by large Granite range about 1/2 mile between the two. About 6 miles west of Quartzsite and twelve miles east of Colorado River

22. Mine Workings: Amt. & Condition

This is just a prospect. The work done is an open cut exposing the ore a distance of fifty feet up the hill with another cut on the other side of hill. Have taken out about twenty tons of ^(over) ore averaging 20 to 26% lead and six dollars in gold. And about 20 tons or other

LEADVILLE GROUP	T 4 N, R 20 W	14 -	142	147
Pb, Au				
Yuma				
R. E. & May Hartsif, Quartzsite				

23. Geology & Mineralization

It carries in arcose andstone with
hyolite walls. A primary ore. Carbonate of lead and free gold.
Type of deposit is igneous. Ore body has several post-mineral
fractures

24. Ore: Positive & Probable, Ore Dumps, Tailings

24A. Dimensions and Value of Ore body

The body is at least 100 feet wide and at least 50 feet in depth.
Average according to assays 10% lead + 5 dollars in gold

25. Mine, Mill Equipment & Flow-Sheet

26. Road Conditions, Route

One half mile south of paved highway 60
and that is practically level can drive right to ore body

27. Water Supply

Nearest known is Quartzsite and Colorado River
16 miles 12 miles

28. Brief History

New discovery

29. Special Problems, Reports Filed

30. Remarks

In case we cannot be contacted at any time
Judge Hart at Quartzsite will show property.

31. If property for sale: Price, terms and address to negotiate.

Will lease on 10% royalty or will give lease with option
to buy at twenty five thousand.

32. Signature.....

P. E. Hartsif

33. Use additional sheets if necessary.

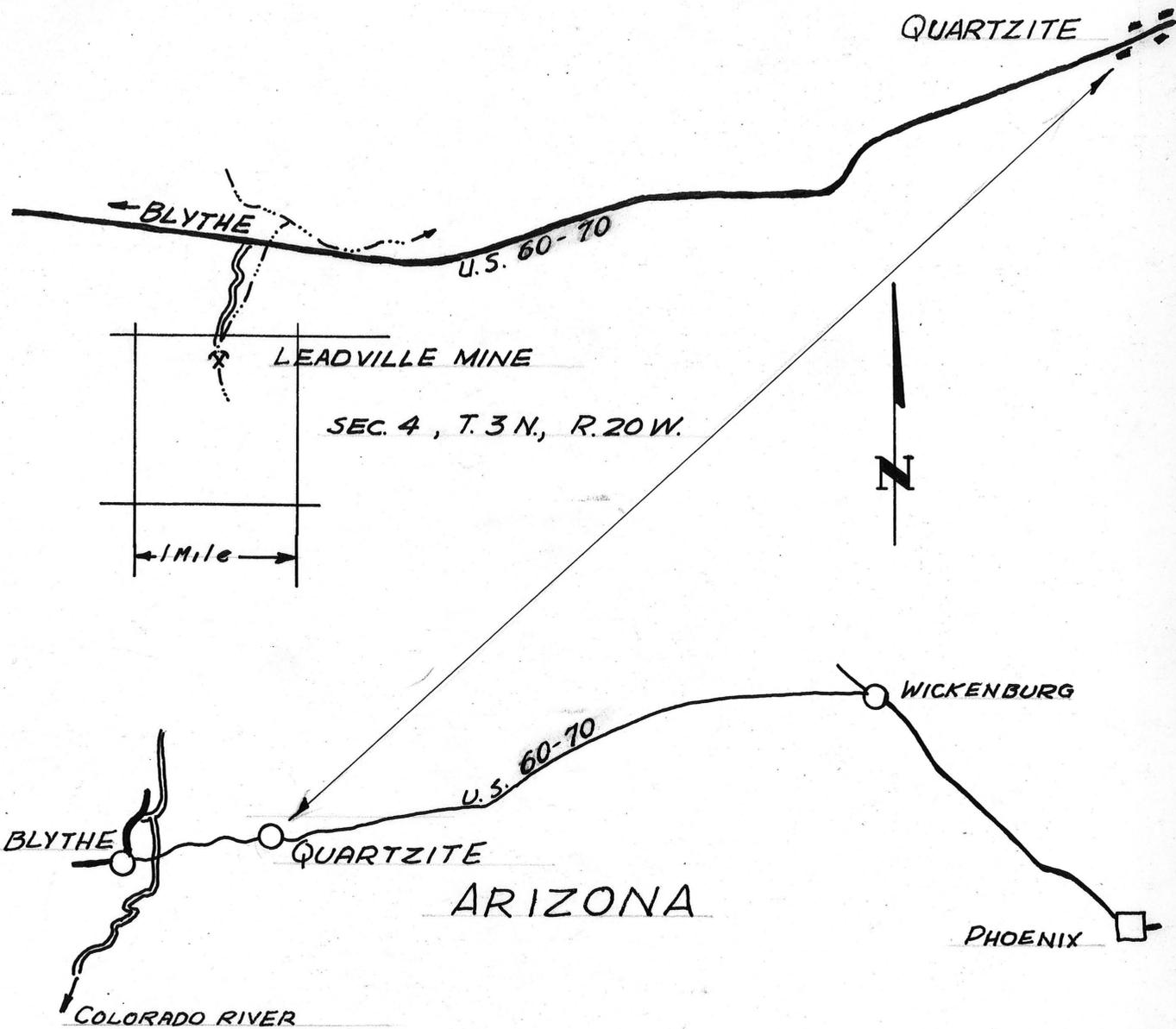


FIG. 1, LOCATION MAP, LEADVILLE MINE, YUMA COUNTY, ARIZ.

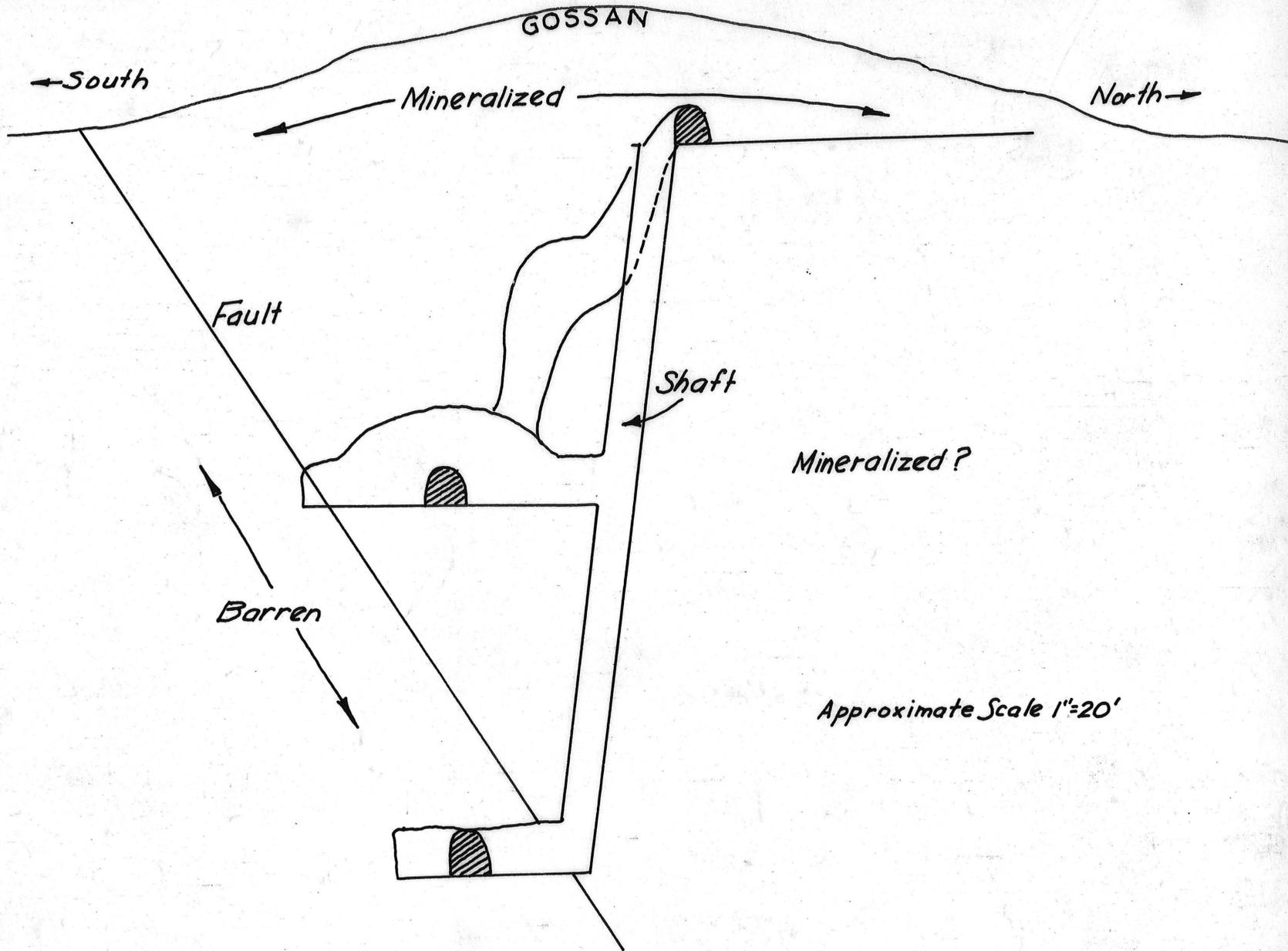


FIG. 2, SKETCH SECTION, LEADVILLE MINE, YUMA COUNTY, ARIZONA

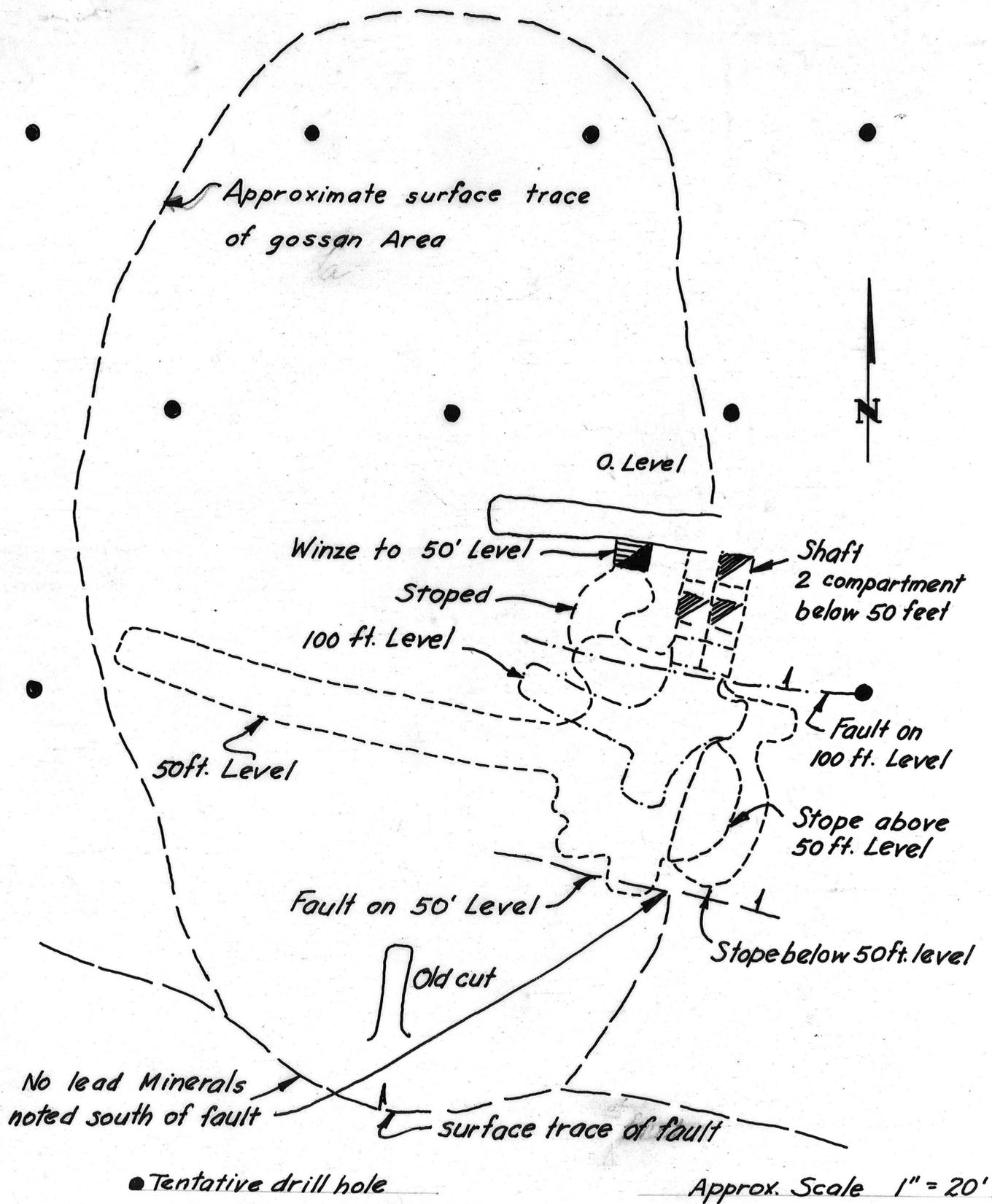
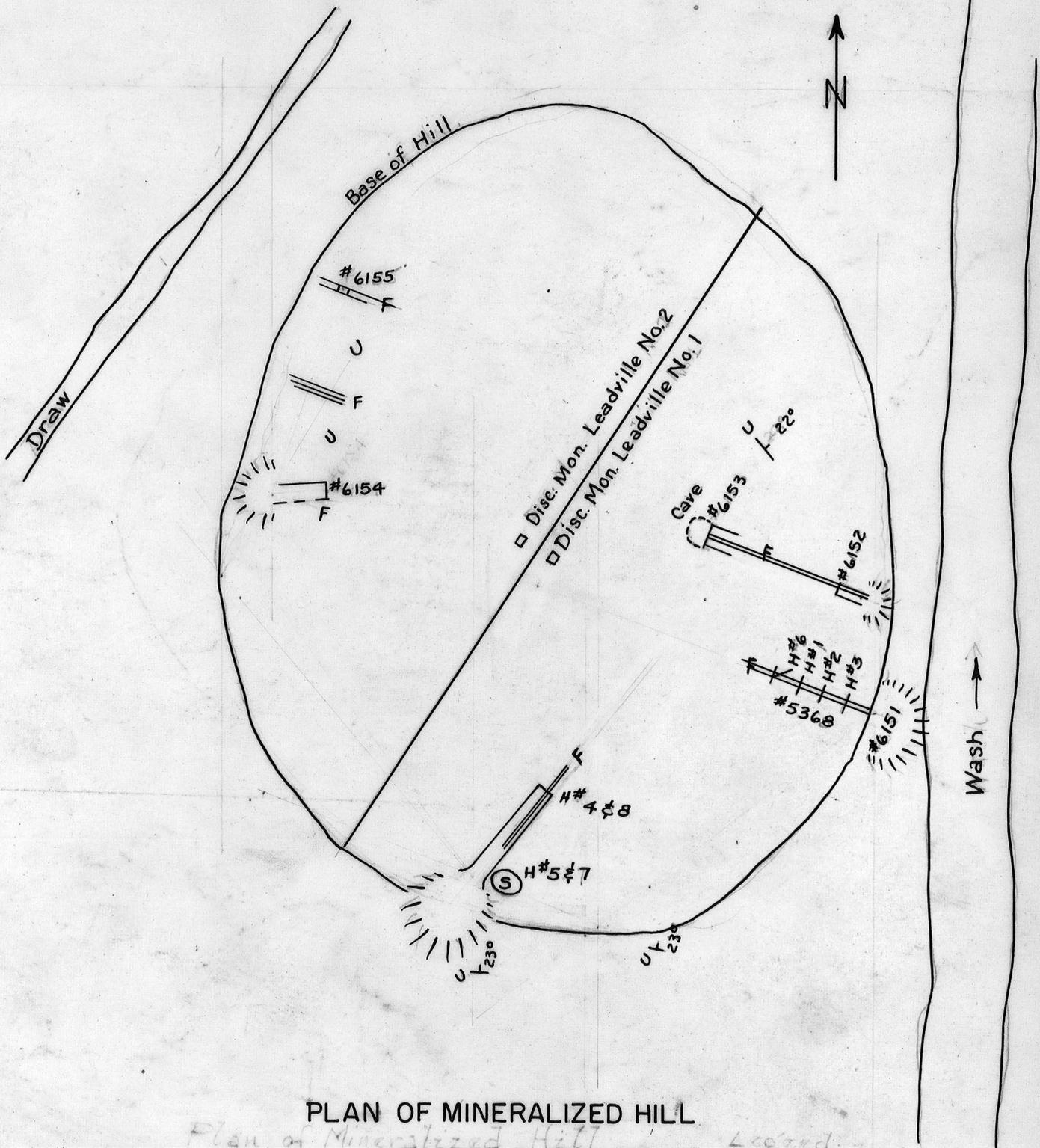


FIG. 3 SKETCH MAP, LEADVILLE MINE, YUMA COUNTY, ARIZ.



PLAN OF MINERALIZED HILL

LEADVILLE GROUP

Scale 1" = 40'

Samples with prescript "H" taken by Heller & Draper.

Samples 5368, 6151-6155 by Haury & Huseman.

"U" designates unaltered tuff.

"F" designates unaltered tuff.