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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: LINDSEY GOLD-SILVER GROUP

ALTERNATE NAMES:

GRAHAM COUNTY MILS NUMBER: 232B

LOCATION: TOWNSHIP 8 S RANGE 22 E SECTION 16 QUARTER S2
LATITUDE: N 32DEG 44MIN 06SEC LONGITUDE: W 110DEG 06MIN 08SEC
TOPO MAP NAME: BLUE JAY PEAK - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

GOLD
SILVER
COPPER

BIBLIOGRAPHY:

ADMMR LINDSEY GOLD-SILVER GROUP FILE
NOT SURE OF LOC. EXCEPT THAT THIS PROSPECT
IS CLOSE TO LINDSEY GRAVE-RELATIVE?

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
Field Engineers Report

Mine Lindsey "Gold-Silver" Group Date May 10, 1945
District Graham County Engineer A. Macfarlane
Subject; Report

Five claims - locators: Hegan and Mathews, Box 53, Thatcher, Arizona.

Location: These claims are situated on a westerly extending foothill of the Graham Mountains, Graham County, Arizona. The valley of Aravaipa and Forest Ranger station is about 10 miles southwest of the Lindsey claims.

Road: The Fort Grant road beginning near Cork Siding on branch of Southern Pacific Railway is followed for 25 miles in its southerly direction, thence turning due east on an old wagon road, passing through the Eurikas ranch. This is followed for a few miles, then passing through the extinct old mining camp of Mascot to a dim road now given minor maintenance reaches near the west end of the Lindsey claims, a total distance from rail siding of about 40 miles.

Mineralization: A series of quartz veins striking up the ridge on a course varying from N 20° E to N 30° E, dipping steeply towards the east, the 3 veins so far prospected by shallow shafts and cuts made on the white quartz croppings are continuous for 500' on the east vein Lindsey #5 claim and for much shorter distances on the center and No. 1 veins.

Only small alteration has penetrated the hard white cropping quartz. The abundant float generally referred to as Bull Quartz is the principal mineral matter exposed.

Geology: These quartz veins formed as fissures within a rhyolitic flow covering the western portion and a Grano Diorite formation along the eastern portion of the claims. Dacitic dykes fault the fissures, these dykes having a general trend of northeast cut the east vein causing a lateral dislocation and throw of apparently 60 feet or more towards the east.

The casing formations composed of igneous tertiaries were in turn faulted by the dikes traversing the ground. Granite and syenite, the predominate rocks of the near Graham Mountains, are surrounding the later igneous flows wherein the veins of the Lindsey occur.

Mine Workings: Are limited to a shaft said to be 80 feet deep sunk from the comb of a ridge where the No. 1 vein cropped. This is an old shaft now being timbered and made accessible. The mouth of this shaft was caved at both ends forming a hole 25' long, 10' wide and 15' deep. The west end of this hole has about 30" of quartz vein, while the east end is narrower and contains some copper in with the gold-silver quartz - was unable to go down the shaft.

Six hundred feet southerly there is a visible cropping with 2 shafts about 70' apart sunk to a depths of 30' on a quartz vein ranging in width of 3' to 5'. This quartz lense may be continuous for 200' or more along its course before being faulted by dikes. Further development here is recommended providing the exposed quartz contains commercial values in gold and silver.

The east vein traversing claim No. 5 is the better defined ledge. It seems continuous for nearly 500' or more, before a fault cut across the northern trend of the vein.

Three shafts varying in depth of 20' to 30' generally contain quartz in widths of 3' to 5' and there are 3 other cuts made on the protruding quartz croppings.

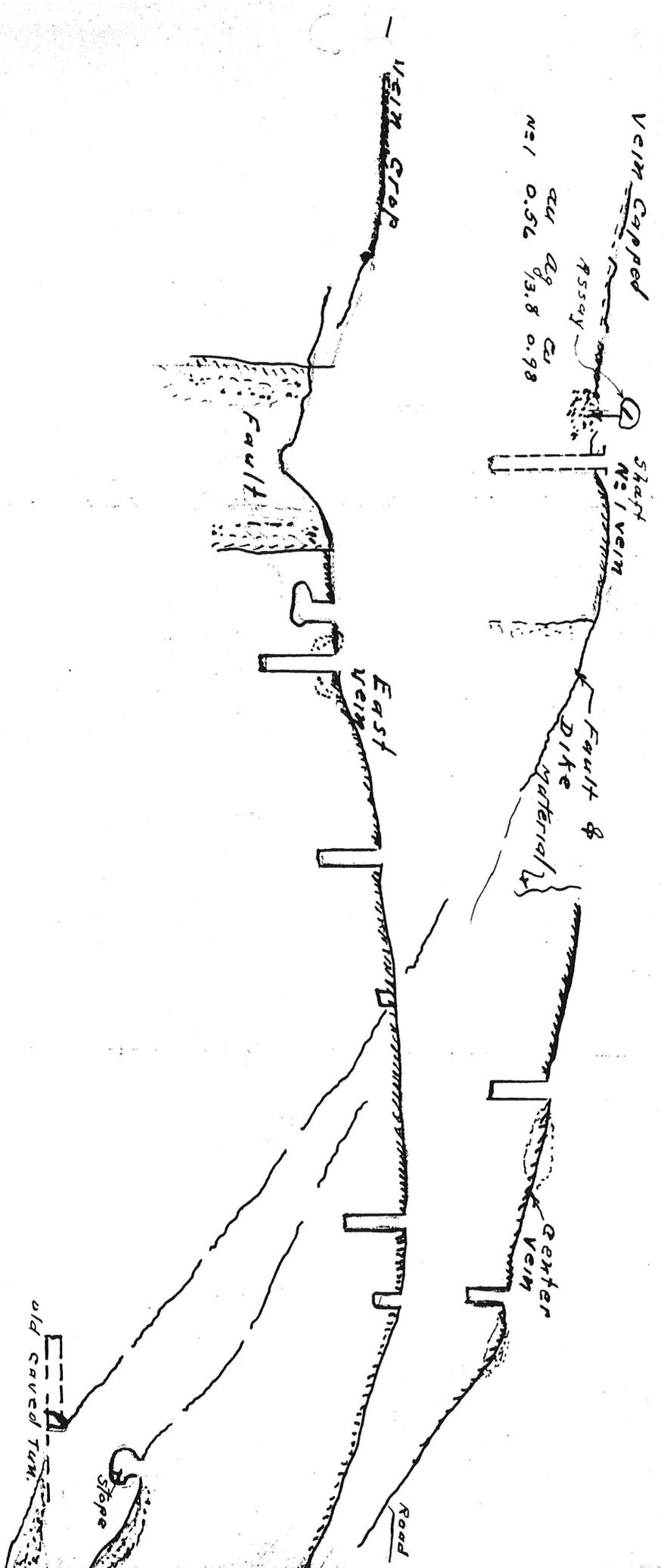
The above workings (much of which was done probably 50 years ago) together with more recent location holes, are the entire elements now to be considered. Sampling of the quartz exposures is in order; nine ladders are required to be installed to reach the shaft floors and ends.

The owners have taken a few samples, mostly at random, and from the collar of shaft No. 1 they report assay returns up to \$80.00 in gold and silver.

The present writer took a sample of the apparent better gold-silver ores found in the dump at No. 1 shaft collar. This sample assayed silver 13.8 ounces, gold 0.56, and .98% copper. This indicates that in part at least these barren looking quartz veins do carry values in gold and silver and that a thorough sampling job of all the exposed quartz leads is the next logical step.

Until this sampling and subsequent assays are made I am unable to make definite recommendations covering the proposed further mine developments and probable outcome.

The "all slime cyanide" process should make a high recovery of the gold-silver content; also due to the very high silica gangue these ores should meet with favorable terms as converter lining.



Sketch Long Sec. Projection
Looking West Approx. Scale 1 in = 100 ft
Lindsey Mine, West Foothill Graham Mts
Graham Co. Ariz. May 10/45
Notes Dept. of Mineral Resources
Globe Field Office R. Masf. Engr

Continuation
of Vein

Fault

Stop

130'
Shaft

East Vein

Cut

R.R.

120'
Shaft

Cut

Sketch Plan

LINDSEY GOLD-SILVER

Clark Mining Dist.

Graham County, Arizona

Mathews and Heggen Locators

Box 53 Thatcher, Arizona

Field Notes: Globe Office

Department of Mineral Resources

April 30/45 Scale 1/2" TO 100 FT

Vein capped



Fault
course

Center Vein

Shaft

Old Tum.

May 11, 1945

Mr. J. W. Mathews
Box 53
Thatcher, Arizona

Dear Mr. Mathews:

Enclosed are two copies of report and
sketch on the Lindsey Group made by Andrew
Macfarlane, Field Engineer.

Yours very truly,

Secretary

lp
Enc.

No. 175 De

Phoenix, Arizona,

CHAS. A. DIEHL

May 9, 1945.

ARIZONA ASSAY OFFICE

Mail: P. O. Box 1148

815 North First Street

Phone 3-4001

THIS CERTIFIES That samples submitted for assay by DEPARTMENT OF MINERAL RESOURCES contain as follows per ton of 2000 lbs. Avair.
by Mr. A. MacFarlane

MARKS	SILVER		VALUE 79 ² / ₁₀₀	GOLD		VALUE \$38 ⁰⁰ / ₁₀₀	TOTAL VALUE Of Gold & Silver	%	PERCENTAGE			REMARKS
	Ounces	Tenths		Ounces	Hndths				COPPER			
LINDSEY MINE	13.8		\$9.79	.56		\$19.60	\$29.39	.98				

Charges \$ 2.00

Assayer ARIZONA ASSAY OFFICE