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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: ADVENTURE & LIZABETH MS 4175

ALTERNATE NAMES:

GOLD ARROW MNG. CO. PROP.
GREAT SOUTHER GOLD MNG. CO.

YAVAPAI COUNTY MILS NUMBER: 1001F

LOCATION: TOWNSHIP 13 N RANGE 1 E SECTION 30 QUARTER SE
LATITUDE: N 34DEG 28MIN 26SEC LONGITUDE: W 112DEG 17MIN 26SEC
TOPO MAP NAME: POLAND JUNCTION - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

GOLD
SILVER

BIBLIOGRAPHY:

USGS POLAND JUNCTION QUAD
BLM MINING DISTRICT SHEET 19
ADMMR ADVENTURE & LIZABETH MS 4175
CLAIMS EXTEND INTO SEC. 29

May 27, 1957

GREAT SOUTHERN GOLD MINING CO. YAVAPAI COUNTY

No information on this property.

MARK GEMMILL

MIC 1001 F

RECEIVED
MAY - 2 1952
DEPT. OF MINERAL RESOURCES

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Yonipin Co.

Mine Adventure, Adventure 1 & 3
Lizbeth
District McCabe
Subject: Inspection

Date April 30, 1952
Engineer Mark Gemmill

OWNERSHIP & LOCATION

The above claims are patented and the owner of record is Ida Bell Tallcott, Box 484, Las Vegas, Nevada. When investigated recently the taxes had not been paid since 1949.

The Claims are located on the southeast side and adjoining the old McCabe Gladstone property, which is about 5 miles southwest of Humboldt.

DEVELOPMENT WORK

There is one shaft reported to be 300 ft. deep (inaccessible) and a number of cuts or short tunnels mostly caved. Nothing much can be seen except the surface. The vein where exposed appears to about parrallel the McCabe-Gladstone vein. The country rock appears to be mostly schist, the vein quartz with visible iron.

ORE

No assay records or maps are available but from what could be learned by talking to several Oldtimers, who seemed to know a little about the property, no pay ore was encountered in any of the workings. They reported knowing of some spots along the surface which assayed a few dollars a ton in gold and silver. Whether or not this ground was ever cross-cut from the McCabe workings is not known.

POSSIBILITIES

Little information can be gained except by sampling which would not be very expensive. If it were possible to learn what was found in the deep shaft, this would be very helpful. The McCabe-Gladstone had a considerable production so it seems this property should be worth some investigation.

ADVENTURE & ADVENTURE 1 & 3
LIZBETH

ADVENTURE, ADVENTURE 1 & 3, LIZBETH

YAVAPAI COUNTY
MCCABE DISTRICT
T13N R1E Sec. 30

MILS Yavapai County Index #1001F

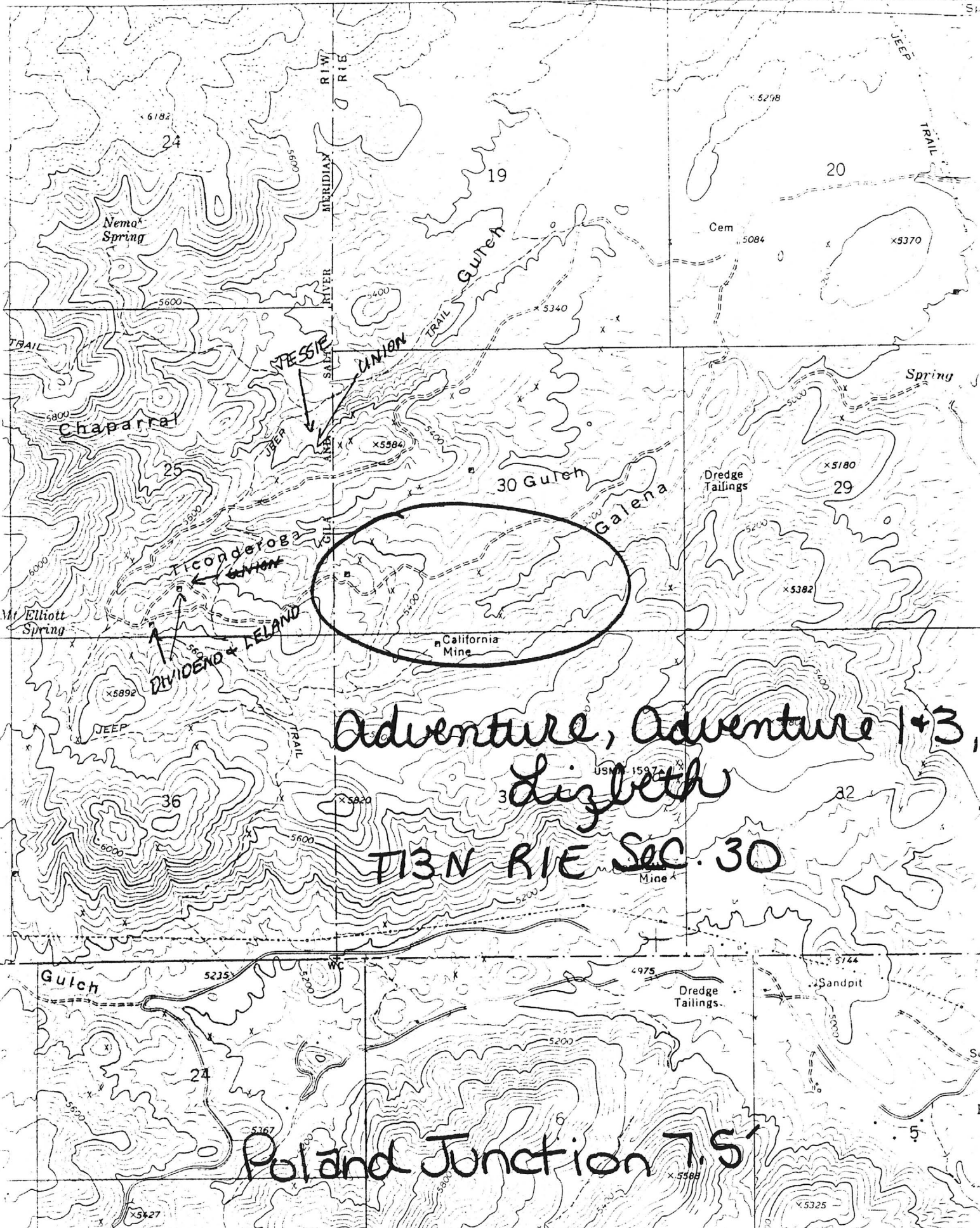
AKA: Gold Arrow Mining Co. Property, Great Southern Gold Mining Co. Prop.

BLM Mining District Sheet 19

Great Southern Gold Mining Co (file)

Stan West Corporation (file) p. 16 & 21

Poland Junction 7.5' Topo (included in file)



THE GREAT SOUTHERN GOLD MINING COMPANY

The Great Southern Gold Mining Company's properties are situated and located in the Big Bug Mining District, Yavapai County, Arizona, near the town of McCabe and in the midst of a proven productive mining section and adjacent to several properties that have been worked profitably to depths of from 500 to 1,000 feet or deeper.

FORMATION:

The general formation or make up of this consists of granites, schists, eruptive dykes such as porphyrys and quartz-diorite, also the Yavapai schists, and also slate with some of the leads. General strike of the formation Northeast and Southwest, dip to south about 70 degrees. All the formations are permanent and in place, very little or no faultings. Principally true fissure veins and go to great depth maintaining the values and size and strength as depth is gained.

This group of properties (Great Southern) is practically surrounded by proven mines. Most of the veins follow the strike north-east and southwest with the grain of the formation. The noted exception is the Henrietta Gopher vein, that runs nearly north and south across the formation. The reason for this is that a very large porphyry dyke from 40 to 60 feet in thickness cuts all formations, and this porphyry dyke is very highly mineralized throughout with iron (oxide) quite silicious and moderate values in gold, silver and copper are present

in this general mass practically wherever visible or exposed by work. The Henrietta and Gopher mines adjacent and to the south get their values from this dyke. The Henrietta has been worked to a depth of 500 to 700 feet and produced a large tonnage of commercial grade ore and is being actively mined at the present time. The Gopher, the adjoining mine to the south, mined profitably to 500 ft. depth, maintaining its strength and grade of ore. While the erosion covers the surface, yet various workings indicate that this vein merges into this large porphyry dyke or the porphyry becomes a hanging wall to the Henrietta-Gopher vein (See plat) adjacent to the north (see plat).

The Gladstone and McCabe veins have been quite extensively mined. The Gladstone to a depth of over 1,000 feet, and a productive record of at least one million dollars. This vein merges into this porphyry dyke. The McCabe has mined to a depth of over 800 feet of strong vein and rich ore. Its production is equal or greater than the Gladstone. Other mines in immediate locality of much work and large production are the Little Jessie, Union and Leland. There is no section in as compact an area in the county that has by proven mining and output of ore proven more productive in gold or as substantially made veins, both as to strength and depth, as this immediate section.

PHYSICAL CONDITIONS:

This property is of easy access. Roads in and out of the ground. Water generated electric power line crosses it less than one mile of the town

of McCabe; within three miles of operated rail-road and five miles of operating smelter which buys all Ores (exclusive of lead), while most leads in depth have water, but in moderate quantities. In fact water is an added value to furnish mill for treatment of ores. The altitude is about 4,600 feet, but snows to interfere with constant wagon transportation are seldom, and never require heavy buildings to withstand them.

Timber, lumber, supplies, etc., furnished from the railroad. All conditions are favorable for cheap, economic mining.

PROPERTIES:

The holdings of the Great Southern Gold Mining Company consist of five claims and option on fractional claim (See plat): (1) Woodrow; (2) Woodrow No. 2; (3) Woodrow No. 3; (4) Gopher Extension; (5) Great Southern and option on Elizabeth. Area of holdings about 100 acres of very highly mineralized and valuable ground. Mineral and veins on all of them but only moderately developed.

WOODROW:

The most work done on any claim of the group is on the Woodrow.

There is running through the Woodrow a very large permanent and prominent porphyry dyke that cuts the formation. This dyke is excessively mineralized throughout and more so as depth is gained, so proven by all openings so far made. From visible showings of mineralization and geological conditions, it can be expected on depth that extensive ore bodies should

be developed while a gold value can be expected and some silver. Yet this formation is typically conducive to the laying down of copper. So far as explored the main dyke has been leached very largely of its mineral contents (meaning the copper) and considerable depth may be required to get below the leached zone to the point of re-precipitation or ore of commercial grade. This depth may mean 750 feet or deeper as it lays to the hill to be drained to quite a depth. I refer now to the indicated probable ore within the porphyry dyke itself, the copper ore, another very positive condition for ore (principally gold) to come on the footwall side of the porphyry as a contact vein with quartz-diorite foot. The Henrietta Gopher vein (See plat) appears to reach and merge with or follow this dyke, also numerous veins from the east run to this dyke but do not cross it. The strongest of these leads show on the Woodrow No. 2 (See plat). These smaller veins are true fissures, strong and positive at the surface and of good gold values, and can be expected to feed mineral life into the mother porphyry dyke.

Work on the Woodrow claim consists of several superficial tunnels, cuts, adits and one shaft of importance sunk entirely within the porphyry dyke, a shaft of 282 feet in depth. Entire depth could not be examined because of the water, but all the material of this shaft shows mineralization, the deeper excavated material, nodules of ore, and clean discriminated ore. Quartz, iron sulphides, copper sulphides, carbonate of iron, etc. As the dip is to the west, this perpendicular shaft is approximately footwall contact, with this

extra ore enrichment appearing very strongly, demands explorative work to the footwall side of this porphyry dyke and the conditions indicate ore and most probably of pay grade.

I very strongly advise this work to be done at any point in the shaft below 100 feet, also at a point about 200 feet north of this shaft where the vein of Woodrow No. 2 intersects the porphyry dyke should be explored as ore there can be expected. In fact several feet of quartz gold ore appears on the surface at point of contact and runs with the dyke.

I consider the Woodrow claim worthy of VERY THOROUGH exploration, but expect depth to gain the enriched coppers.

The only mine equipment so far is a small hoist, but sufficient to sink 500 feet. This ground should be worked cheaply and rapidly. Water so far only surface seepage. No camp on the ground but is but a short distance from the town of McCabe.

WOODROW NO. 2:

This is a full vein with a strong traceable vein through its length with numerous shafts and openings along its course (See plat).

These shafts are from 10 to 50 feet in depth and show the vein to be from 2 to 5 feet in size, pay streak from six inches up to a foot or two, a true fissure vein, good walls and talc-gouge, ore of good mill grade, \$8.00 to \$16.00 gold.

This ground is worthy of separate development outside of any work on the Woodrow, yet its best showings of ore can be explored to a depth from the Woodrow

workings to advantage. Many veins within the district have been worked at a profit with much less showing of vein and ore than here exposed on the Woodrow No. 2.

GREAT SOUTHERN, WOODROW NO.2, and GOPHER EXTENSION:

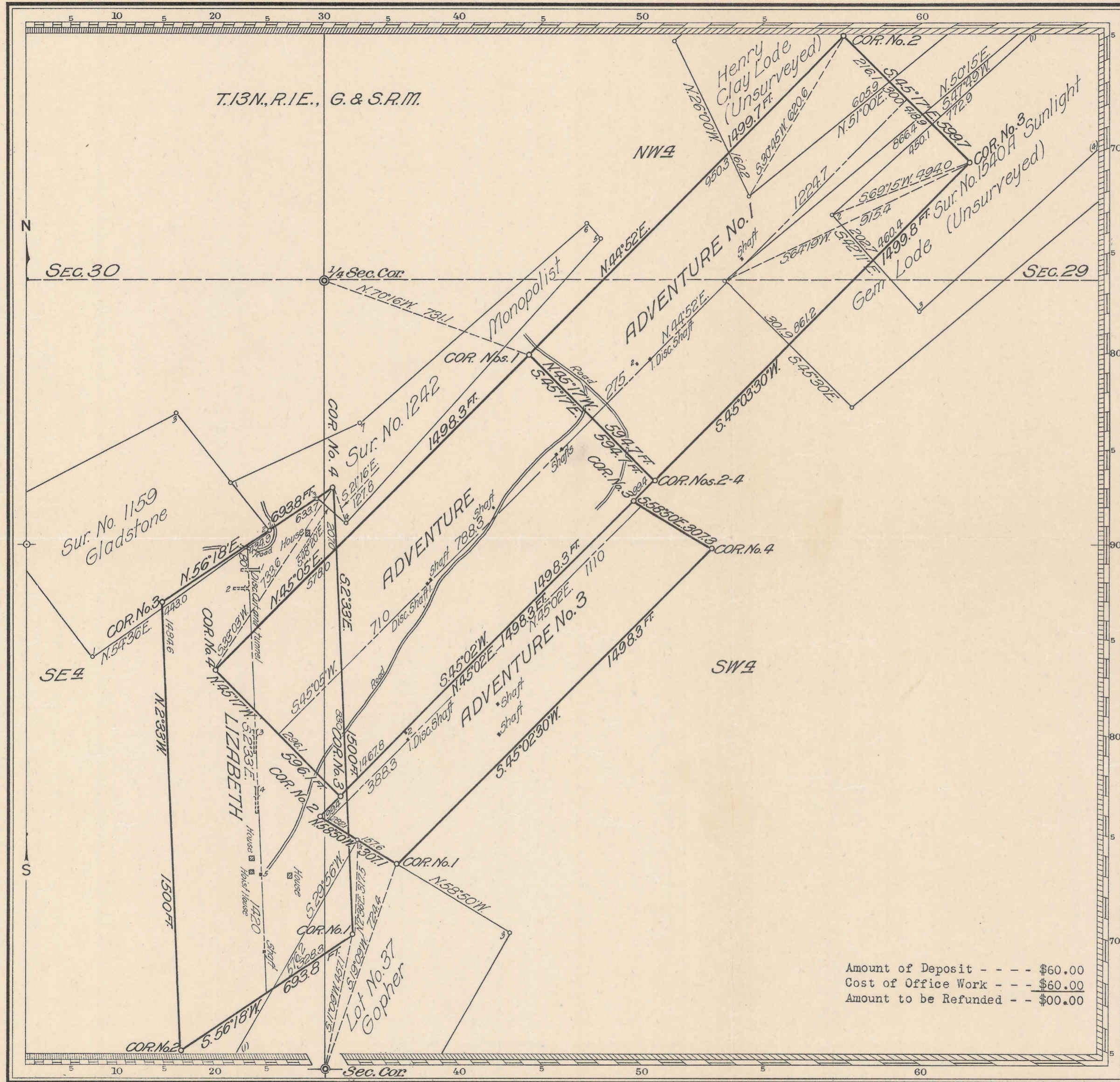
Each have distinctive veins of merit and add value to the Company's holdings. Very little development work has been done. Location work of the Gopher Extension exposes the strongest vein and the richest ore. The values are in gold. More thorough prospecting should be done on each of these claims. They all are practically virgin ground of merit.

ELIZABETH:

The Great Southern Company has acquired an option on the Elizabeth, a fractional claim (See plat). This claim may become a very greatly added value to the group as it is exceptionally well placed for a mill or smelter. The most of the group is up on the mountain, but just the right fall of elevation is on the Elizabeth to accommodate a treatment plant or to give tunnel facilities to open up the large porphyry dyke. The same mineral conditions are found within the dyke on the Elizabeth that show on the Woodrow. In fact better, as the fall of the hill and deeper erosions of the dyke expose a greater mineralization at the surface and the deeper workings on the Woodrow will be in easy reach of all this ground, or a working shaft on the Elizabeth at top of mill elevation would be ideal, cheaper pumping, etc. Numerous superficial openings on the Elizabeth all confirm the advisability of deeper exploration. No surface equipment but a comfortable cabin.

I consider this group of great merit and mineral worth, and most worthy of thorough exploration and development.

(Signed) W. W. LEWIS, E.M.
Prescott, Arizona, January 25, 1916.



Amount of Deposit - - - \$60.00
 Cost of Office Work - - - \$60.00
 Amount to be Refunded - - \$00.00

Mineral Survey No. 4175
 Arizona Land District.

PLAT
 OF THE CLAIM OF
Gold Arrow Mining Co.

KNOWN AS THE
LIZABETH, ADVENTURE, ADVENTURE
No. 1 AND ADVENTURE No. 3 LODES

IN *Big Bug* MINING DISTRICT,
Yavapai COUNTY,
 Containing an Area of _____ Acres.
 Scale of *300* Feet to the inch.
 Variation *14°30' East*
 SURVEYED *March 23-26, 1934* BY
J. William Waara, U.S. Mineral Surveyor,

The Original Field Notes of the Survey of the Mining Claim from which this plat has been made under my direction, have been examined and approved, and are on file in this Office, and I hereby certify that they furnish such an accurate description of said Mining Claim as will, if incorporated into a patent, serve fully to identify the premises, and that such reference is made therein to natural objects or permanent monuments as will perpetuate and fix the locus thereof.
 I further certify that Five Hundred Dollars worth of labor has been expended or improvements made upon, or for the benefit of, each location embraced in said mining claim by claimant, *Gold Arrow Mining Co.* or *its* grantors and that said improvements consist of *6 shafts, 4 cuts, and 4 tunnels; Value, \$6625.00*

that the location of said improvements is correctly shown upon this plat, and that no portion of or interest in said labor or improvements has been included in the estimate of expenditures upon any other claim.
 And I further certify that this is a correct plat of said Mining Claim made in conformity with said original field notes of the survey thereof, and the same is hereby approved.

Public Survey Office *Sherman C. Fiske*
Phoenix, Arizona, Acting Office Cadastral Engineer, for
April 14, 1934, *Arizona*



#1 - 282' - Shaft.
 #2 - 40' - Shaft.

—●— Big Lead
 - - - Silver Belt-Lead
 - - - - - Flemmer-Lead
 - - - - - Gopher-Lead

Approximate location of Claims
 and Leads of the Woodrow group
 in Big Bug District.
 Scale 1 in = 300 ft.

Drawn
 by
 L. M. Collins.