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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 05-10-2013

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SANTA ANNA COPPER CLAIMS

ALTERNATE NAMES:

PINAL COUNTY MILS NUMBER: 102

LOCATION: TOWNSHIP 1 S RANGE 13 E SECTION 23 QUARTER NE
LATITUDE: N 33DEG 20MIN 03SEC LONGITUDE: W 111DEG 00MIN 24SEC
TOPO MAP NAME: SUPERIOR - 7.5 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:

COPPER OXIDE
COPPER SULFIDE
TUNGSTEN

BIBLIOGRAPHY:

ADMMR SANTA ANNA COPPER FILE

SANTA ANNA COPPER CLAIMS

PINAL COUNTY

Interviewed "Woody" Simmons, chief geologist for Miami Copper. Learned Kerr-McGee finished drilling on Madera Mountain, Santa Anna, and Ellis properties. They are now drilling southeast of Oak Flats about 3 miles east of Superior. The Smith Drilling Co. of Lubbock, Texas is doing the drilling with Failing drills. Learned from Bert Reed of Inspiration that Kerr-McGee drilled out about 17,000,000 tons of 0.4% Copper on Madera Mountain.
EGW WR 9-27-64

Rumored that Humble Oil was drilling the Santa Anna and Ellis properties. FTJ WR 9-28-69

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Santa Anna Copper Claims

Date 9-24-62

District Summit District - Pinal County

Engineer Lewis A. Smith

Subject: Interview with Ed Town.

Property: 18 claims

Location: 7 miles southwest of Miami

Owner: Joseph M. Santa Anna - Globe

Minerals: Copper

Specimens showed highly altered rock containing malachite, azurite and some relicit bornite or chalcopryrite. The samples are noteably iron-stained also. A general grab from a tunnel showed 6 percent copper and wide samples show 2-3 percent. Attempts to contact Santa Anna failed.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine SANTA ANNA COPPER

Date January 10th, 1943

District WEST PINAL MTS.

Engineer A. Macfarlane

Subject: Pinal County, Arizona

Complying with instructions issued by the Phoenix office, on December 24th, 1942, the following examination was made on the group of mining claims called Santa Anna.

Location: Of these claims is high up on a northwest shoulder of the Pinal Mountains, in the County of Pinal, in T. 1 S. Range 13 E.

Road: From Miami west on Hwy. 70 about 6 miles then turn to left and follow steeply upgrade a narrow rough road leading up a creek bed for about 6 miles, when the sheds and house on the Santa Anna claims are reached.

This gulch canyon stub road will generally require repairs after each heavy rain or snow, but during dry periods may be kept passable for loaded trucks.

Mine Workings: At some past time probably 20 to 30 years ago, a tunnel several hundred feet in length, was driven into the mountain on an apparent course of S.50 degrees east. The owner Mr. J. M. Santa Anna, states this tunnel is about 1,200 feet from portal to heading and the tonnage of dump, fully bears this statement out.

Evidently the purpose of this long tunnel was to cut at greater depth a series of copper-iron sulfide stringers exposed some 1,000 feet higher up the right hand gulch.

As this tunnel was driven on and in a Grano-Diorite formation, and as the wash off the steep mountain above and on two sides of this dump has covered the dump top, I was unable to see any copper ore, or other evidence of any appreciable amount of copper mineralization as being part of this dump.

Following up the right hand gulch in a southerly direction for about 1,000 feet, some more recent small workings made to expose a rather wide brecciated, Monzanitic structure, are found.

Near the north side of this formation, a tunnel driven easterly along one of the mineralized fractures, for a distance of 95 feet, shows disseminated copper-iron sulfides, mostly low grade.

A right hand branch of this tunnel follows another mineralizing stringer, some of these veinlets having a width of from a few inches to over a foot.

Ores Now Available: There are none and as the 1,200 foot tunnel is completely caved at its entrance, I was unable to enter same to determine if this tunnel had cut any smelting ores.

Tungsten: On these claims, in an area about 400' northwesterly from the long tunnel, some quartz croppings are visible.

This narrow white to pinkish colored quartz in a granitic host rock, crops in four places along its 300' feet of narrow ridge crest, there are no surface cuts on this uncertain cropping, to determine its possible penetration downwards.

A tunnel has been started from the road gulch, with the intention of cutting this quartz vein; but at least 100' additional advance is required, to exploit the tungsten bearing quartz lead.

Conclusion: There is some possibility that a copper body exists under the brecciated zone above stated, but to prospect for this requires wholly venture capital.

That is also true of the Tungsten lead, the samples Mr. Santa Anna had assayed for tungsten, were of selected pieces of float and new samples were not obtainable from the ground.

A. Macfarlane.

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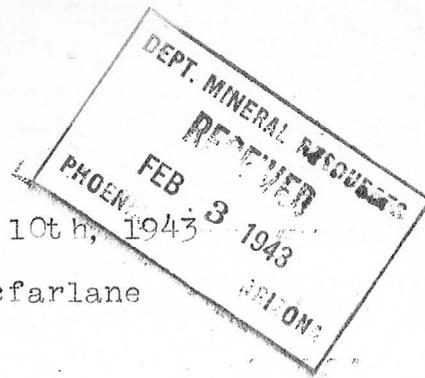
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STATE OF ARIZONA
FIELD ENGINEERS REPORT



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Mine • SANTA ANNA COPPER Date January 10th, 1942
District WEST PINAL MTNS. Engineer A. Macfarlane
Subject: Pinal County, Ariz.

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Yours very truly

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FIELD ENGINEERS REPORT

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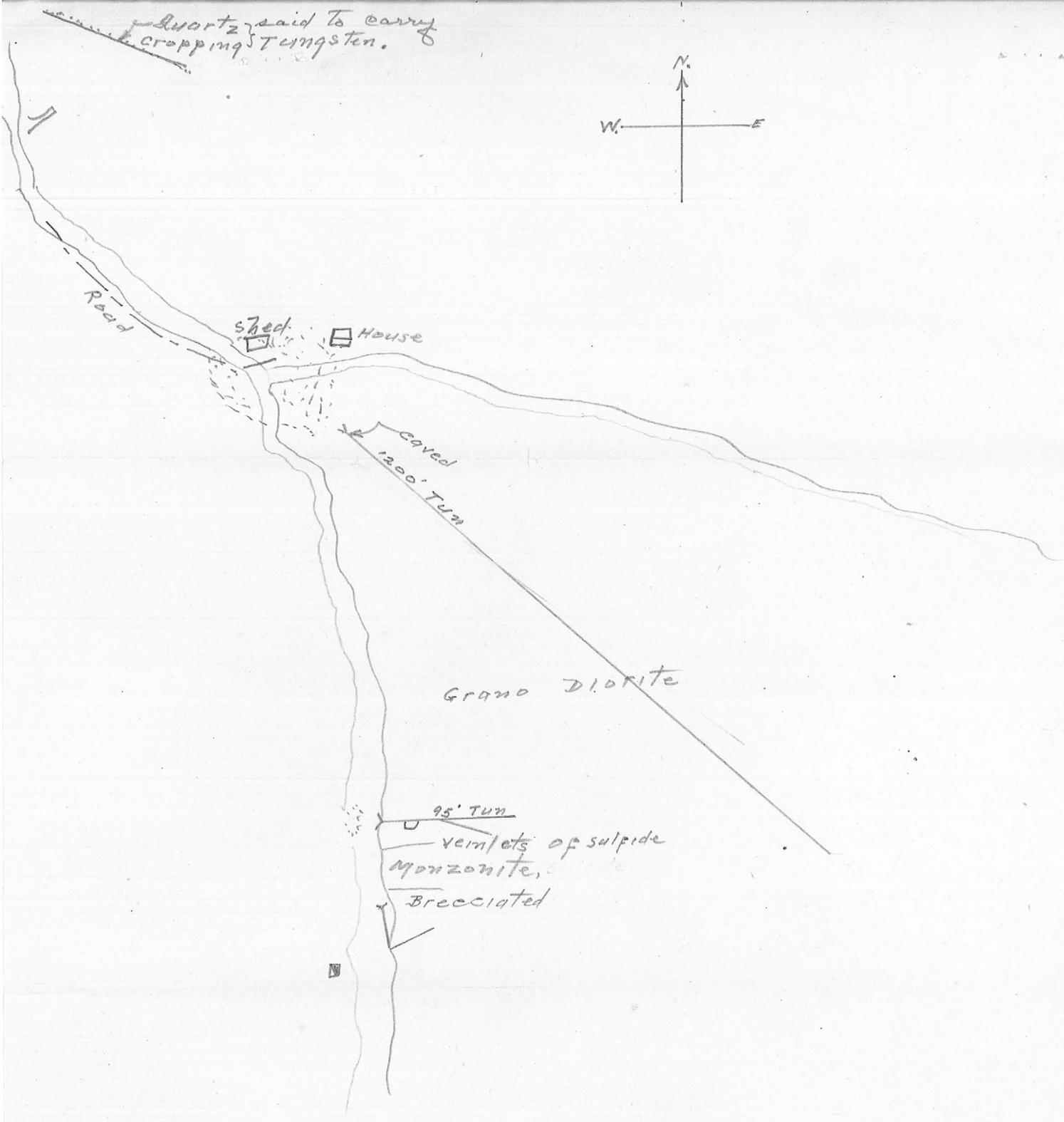
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Santa Anna Copper
Western Pinal Mtns.
 12 miles S.E. of Miami, Ariz.
 No scale, Dec 24 1942
 Dept. of Mineral Resources
 Notes of A. Macfarlane