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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SANTO NINO CLAIMS

ALTERNATE NAMES:

PINAL COUNTY MILS NUMBER: 530

LOCATION: TOWNSHIP 8 S RANGE 16 E SECTION 6 QUARTER S2
LATITUDE: N 32DEG 45MIN 37SEC LONGITUDE: W 110DEG 44MIN 50SEC
TOPO MAP NAME: LOOKOUT MTN - 7.5 MIN

CURRENT STATUS: DEVEL DEPOSIT

COMMODITY:
COPPER OXIDE

BIBLIOGRAPHY:
ADMMR SANTO NINO CLAIMS FILE

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

FIELD ENGINEERS REPORT

Mine Santo Nino Claims Date Feb. 15, 1963
District Mammoth Mining District, Pinal Co. Engineer Axel L. Johnson
Subject: Field Engineers Report. Information from J. O. Najera & personal visit.

References None.

Location About in the vicinity of Sections 5, 6, 7, or 8 -- T 8 S - R 16 E in the Black Hills, near the heads of the Cagage and Cronley washes. To reach the property, drive north from Mammoth for a distance of about 1 1/2 miles. Just south of the bridge crossing the river, leave Hwy. # 77, turning left on a gravel road and driving off the west side of the San Pedro River for a distance of about 6 miles. Turn left on a road in Cagage Wash and drive for about 5 miles. Then turn left again and drive from one to two miles to the claims. The road on the last 5 miles can only be covered by a jeep or 4 wheel drive.

Number of Claims 14 unpatented claims, some of which were located in 1957, and some in 1959. Mr. Najera does not know what Section they are in, or whether they are on State or Federal lands. Hence, no application has been made for a State lease.

Owner J. O. Najera, Box 374, Mammoth, Ariz.

Principal Minerals Oxidized copper ore, which appears to be quite siliceous.

Present Mining Activity Minor amount of exploration work on spare time only, as Mr. Najera is employed full time at the San Manuel Mine at San Manuel.

Geology Narrow veins and stringers of copper ore in a country rock which appears to be andesite. Only one of these was examined, on which exploration work had been done. Oxidized copper was found in this vein, the minerals being chrysocolla, malachite, and tenorite. No sulfides were visible. There was evidence of some leaching having taken place. The ~~ore~~ ore vein examined was from 2 to 3 ft. wide.

Ore Values Sorted ore in the dump may run about 2 % or perhaps a little better.

Milling & Marketing Owner hopes to sell the ore to a smelter for use as high silica flux.

Past History & Production None.

Mine Workings (1) 1 vertical shaft --- 20 ft. deep
(2) 1 vertical shaft --- 18 ft. deep
(3) 1 adit, about 30 ft. in length
(4) a few shallow open cuts, on some of the veins.

Additional Claims Mr. Najera also owns 10 unpatented claims in another group about one mile away. However, he said he had decided to abandon this group of claims, (called CopperHead) and concentrate all future work on the Santo Nino.

Engineers Recommendations Engineer advised Mr. Najera to make every attempt possible to find some section corners to determine what section his claims are in. Then to write to the State Land Dept., Phoenix, and find out if this is State land, and if they own the mineral rights. Then to apply for a State lease on the claims, if they are on State land, otherwise his claims are not legal.

SANTO NINO CLAIMS

MAMMOTH DIST.
PINAL COUNTY

Mr. J.O. Najera says he has 14 claims 8 mi. E of Wolf Springs, and about 11 miles NW of Mammoth (in the Black Hills, N. of Signal Peak). He said some were state claims and some Federal claims. Located from 1957 to 1959. He had not obtained any State leases, as he did not know that this was required on State land. When I asked him what Sect. his claims were in, he did not know, but rancher had told him he was in Sect. 40 (State Hwy map shows State lands dotted in, and corrected to 1-1-53 shows this whole area in Black Hills as State land).

ALJ-MAMMOTH ASMOS CF - 1-31-63
