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08/07/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: RED CAP CLAIMS

ALTERNATE NAMES:

APACHE COUNTY MILS NUMBER: 74

LOCATION: TOWNSHIP 11 N RANGE 28 E SECTION 6 QUARTER S2
LATITUDE: N 34DEG 22MIN 41SEC LONGITUDE: W 109DEG 25MIN 01SEC
TOPO MAP NAME: SALADO - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:
IRON HEMATITE

BIBLIOGRAPHY:
ADMMR RED CAP CLAIMS FILE
HERRER, C.M., USBM IC 8236, P. 21

RED CAP

IC 8236 p. 21 - hematite

APACHE COUNTY
N SPRINGVILLE

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Red Cap Claims Date Jan. 3, 1958
District Apache County Engineer Lewis A. Smith
Subject: Owners Report

Location: Sec. 6 & 7, T11N, R28E. 8 miles south of St. Johns

Owners: Asa Baker, 502 College Ave., Tempe, Arizona - Stanley D. Bybee, 1007 Lola Lane,
Tempe, Arizona

Metal: Limonite (iron)

Claims: 10 leased from State in Section 6.

Application for filing on parts of Sec. 7, pending clarification of land status by the Bureau of Land Management. This work is proceeding.

Geology: Residual iron ore derived from a limestone which assays 11% Fe and concentrated up to 63% Fe. Two to four feet of the original limestone cap, somewhat weathered remains on about 30% of the area. The iron ore contains 1.6% Titanium, 2% Moisture, 3% of Al_2O_3 and 2.4%. Sulphur and Phosphorous are negligible.

Work: Test pits, for assessment work, constitute the work done so far, but the owners hope to drill, to a limited extent, as soon as the whole land situation can be clarified. They are anxious to determine the depth of the iron ore and the periphery of the ore area.

Accessibility: The deposits lie along both sides of State Highway 260 and would have a haul of 35 miles over an oiled road by means of Highway 260 to rail head. An alternate road could be built, over flat topography, which would materially reduce this hauling distance.

IC 8236, p. 21 (hematite)

ATL ARIZONA TESTING LABORATORIES

A DIVISION OF CLAUDE E. McLEAN & SON LABORATORIES, INC.
 PHONE AL 3-6272 817 WEST MADISON ST. P O. BOX 1888 PHOENIX

Chemists... Engineers

For **Mr. Asa Baker** *St. Johns* Date **December 31, 1957**
 502 College Avenue
 Tempe, Arizona

Sample of **Ore** Received: -

Submitted by: **Same**

ASSAY CERTIFICATE

Gold figured at \$ 35.00 per ounce.

Silver figured at \$ 0.90 per ounce.

Lab. No.	Identification	Gold		Silver		Percentages	
		Oz. per Ton	Value	Oz. per Ton	Value	IRON (Fe)	
140648	No Mark					63.84	91% Fe 2O ₃
						1.6%	Titanium Ox
						3.0%	Al ₂ O ₃
						2.0%	
						2.0%	H ₂ O
						2.2	Misc (mostly CaO)
						Phosph Tr	
						S	Tr

Spectro graph shows



ARIZONA TESTING
 1932
 25th ANNIVERSARY
 1957
 LABORATORIES

Charges: \$ 2.50

10M 3-56 AMPCO 95591

Respectfully submitted,
 ARIZONA TESTING LABORATORIES

C. E. McLean
 Claude E. McLean

CHEMICAL RESEARCH ASSAY ORE TESTING PHYSICAL TESTING