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PRINTED: 12-22-2009

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: SAN IGNACIO

ALTERNATE NAMES:

COCHISE COUNTY MILS NUMBER: 740

LOCATION: TOWNSHIP 17 S RANGE 25 E SECTION 28 QUARTER S2
LATITUDE: N 31DEG 55MIN 20SEC LONGITUDE: W 109DEG 48MIN 17SEC
TOPO MAP NAME: PEARCE - 7.5 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:

GOLD LODE
SILVER
SILICON FLUX

BIBLIOGRAPHY:

ADMMR SAN IGNACIO FILE
EXTENDS INTO 27-29, 33-35

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PEARCE 7.5
T17S R25E Sec 28

BM 4319

Sunsites

BM 4386

BM 4373

Pearce

TAILINGS POND

RM 4951

BM 4325

Cartmell and Hernandez apparently have found a 30 foot vein of quartz which assays .125 oz. Au and over 1 oz/ Ag. He wants to look at it. I called Ralph Cartmell at Sunsites to arrange for key to a locked gate for trip with J. Gilbert. I met Jack Gilbert about 9:00 A.M. on the San Ignacio claims. Cartmell and Hernandez have found a brecciated quartz vein, possibly an extension of the old Commonwealth vein system. Three samples were cut from the vein for an aggregate width of 34.9'. Samples will be assayed by the Douglas smelter staff. VBD WR 1/24/75

Jack Gilbert called to say that Phelps Dodge had found a 3 foot vein of high grade gold ore on the Cartmell-Hernandez claims (San Ignacio) near Pearce. Because the gold is disseminated in rhyolite PD will return for further study of the area. VBD WR 12/3/74

CJH WR 3/22/85

Visitor: George M. Levy, President, Cochise County Land Bureau, Inc., Box 234, Saddle River, New Jersey 07458, phone (201) 327-7089. Mr. Levy is a land developer and owns considerable land in Sec's. 27-29 and 33-35, T17S, R25E, Pearce district, Cochise County. This includes part of the San Ignacio and Little Mary (Blue Jeep) claims. By his own statement he holds all surface rights and some of the mineral rights in the following portions of the above township:

Sec.27	Sec.28	Sec.29	Sec.33	Sec.34	Sec.35
S $\frac{1}{2}$	S $\frac{1}{2}$,NE $\frac{1}{4}$,SE $\frac{1}{4}$ S $\frac{1}{2}$,NW $\frac{1}{4}$,SW $\frac{1}{4}$ S $\frac{1}{2}$,SE $\frac{1}{4}$ S $\frac{1}{2}$,NE $\frac{1}{4}$,NW $\frac{1}{4}$ S $\frac{1}{2}$,NW $\frac{1}{4}$,SW $\frac{1}{4}$ S $\frac{1}{2}$,SW $\frac{1}{4}$	SE $\frac{1}{4}$,SE $\frac{1}{4}$ SW $\frac{1}{4}$,SE $\frac{1}{4}$ S $\frac{1}{2}$,NE $\frac{1}{4}$,SE $\frac{1}{4}$ S $\frac{1}{2}$,NW $\frac{1}{4}$,SE $\frac{1}{4}$ SE $\frac{1}{4}$,NE $\frac{1}{4}$,SW $\frac{1}{4}$	NW $\frac{1}{4}$ W $\frac{1}{2}$,NE $\frac{1}{4}$ NE $\frac{1}{4}$,NE $\frac{1}{4}$ W $\frac{1}{2}$,SE $\frac{1}{4}$ E $\frac{1}{2}$,SW $\frac{1}{4}$	N $\frac{1}{2}$,NW $\frac{1}{4}$ E $\frac{1}{2}$	S $\frac{1}{2}$,S $\frac{1}{2}$

He holds surface and U.S. holds mineral rights on the following:

E $\frac{1}{2}$,SE $\frac{1}{4}$	S $\frac{1}{2}$,NW $\frac{1}{4}$ SW $\frac{1}{4}$	N $\frac{1}{2}$,S $\frac{1}{2}$
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Mr. Levy will furnish a plat of the above holdings to ADMMR. Mr. Manuel R. Hernandez (see Little Mary Mine (c) and Mr. Levy have an agreement with Santa Fe Mining to do some exploration on this property to discover possible extensions of the Commonwealth mine (f) ore bodies.

State Ariz. County Cochise Mineral Products Sil., Au., Ag.
 Name of property or deposit San Ignacio
 Date examined 1/24/75 Engineer V.B. Dale Date of this report 1/27/75
 Reason for examination Request from Jack Gilbert.
 Engineer accompanied by Mr. Gilbert Address Bisbee, Ar.
 Interest of property 18 unpatented claims
 Owner Ralph Cartmell + Manuel Hernandez Address Pearce, Ariz.
 Leased or optioned to No one Address _____
 Location of property (be specific) SE⁴ Sec 34 T. 17S. R. 25E.

Type of deposit and mineralogy (brief description) Brecciated quartz
 containing iron and manganese oxides.

Known dimensions of the deposit
 Length ± 1000' Width 35' Depth ± 150'
 Attitude of the deposit (strike, dip, etc.) N 65° E, dip 64° SE

Possible extensions; correlation of known showings This may be an
 extension of the Commonwealth
 vein.

Mine workings (brief description or attach map or sketch) (indicate whether accessible) 2 drifts, one 650', one 300' with crosscuts
 and a shaft 500' deep.

(over)

Mining and milling equipment on property None

1-27-75 P.2

Past production (if any) unknown

Present rate of production (if any) None

Sampling (describe briefly, or attach sketch) three samples were cut across 35' vein and one grab sample from shaft dump

Tentative Estimate of Reserves

(Subject to revision when assays are received or after engineering calculations)

Measurable..... tons..... Grade.....

Indicated..... 210,000 tons..... Grade.....

Inferred..... tons..... Grade.....

Mining method (actual or suggested) open cut

Milling or processing method (actual or suggested) Flux ore for smelters

Processing tests suggested None

Tentative conclusion and decision Depending on assays, this may be an economic deposit of silica flux.

To be accompanied by brief letter giving examining engineer's general impression of the deposit, his impression of the owner, and any other confidential information he may care to submit. Refer to any known prior examinations and reports. May be executed in pencil. Should be mailed within 24 hours after examination is completed.

290

Report of sample analysis from
San Ignacio Claims
owned by Cartmell and Hernandez
SE⁴ Sec 34, T17S, R25E

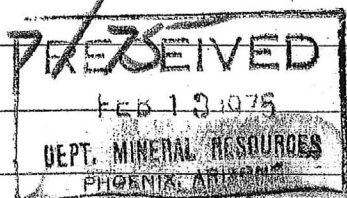
Property examined 1/24/75

Sample report from Jack Gilbert 2/8/75
from P. D. Douglas Smelter.

Length of cut across vein	Sample No.	Ounces Au	Ounces Ag	Percent SiO ₂	Percent Ca CO ₃	Percent Al ₂ O ₃
13.9 Ft.	1	0.102	0.50	68.4	12.7	3.8
14.6 Ft.	2	0.175	0.185	81.6		7.7
6.5 Ft.	3	0.01	0.22	75.1	6.0	12.3
	Grab from dump	0.015	1.79	75.3	6.6	3.3
28.5 Ft.	1+2	0.10		75.2		5.8

Vernon B. Stale

Note: Please attach to
Summary Report on San
Ignacio dated 1/27/75



Report of Sample analyses from San Ignacio Claims owned by Cartmell and Hernandez SE⁴ Sec 34, T17S, R25E

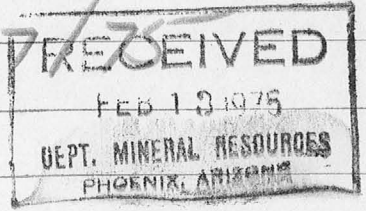
Property examined 1/24/75 Sample report from Jack Gilbert 2/8/75 from P. D. Douglas Smelter.

Length of cut across vein

Sample No.	Ounces Au	Ounces Ag	Percent Silver	Percent Ca CO ₃	Percent Al ₂ O ₃
13.9 Ft.	0.102	0.50	68.4	12.7	3.8
14.6 Ft.	0.175	0.185	81.6		7.7
6.5 Ft.	0.01	0.22	75.1	6.0	12.3
Grab from dump	0.015	1.79	75.3	6.6	3.3
28.5 Ft.	1+2	0.10	75.2		5.8

Vernon B. Cole

Note: Please attach to Summary Report on San Ignacio dated 1/27/75



State Arizona County Cochise Mineral Products silica and gold
 Name of property or deposit San Ignacio
 Date examined 11/7/74 Engineer V B Dale Date of this report 11/7/74
 Reason for examination To examine for Smelter flux.
 Engineer accompanied by Jack Gilbert Address Bisbee, Arizona
 Element of property 18 unpatented lode claims
 Owner Ralph Cartmell and Manuel Hernandez Address Pearce, Arizona
 Leased or optioned to No one Address _____
 Location of property (be specific) SE⁴ Sec 33 and SW⁴ Sec 34, T. 17S,
 R. 25E.

Type of deposit and mineralogy (brief description) Free gold occurs in
 tertiary ~~intrusive~~ rhyolite classified as
 Pearce volcanics by Gilulley in P.P. 281.
 Known dimensions of the deposit not known, but large
 Length _____ Width _____ Depth _____
 Attitude of the deposit (strike, dip, etc.) unknown

Possible extensions; correlation of known showings _____

Mine workings (brief description or attach map or sketch) (indicate whether accessible) _____
There are extensive mine workings, very old, and
 surface sample trenches.

(over)

Mining and milling equipment on property None

11-7-74 P.2

Past production (if any) unknown, but very and very old.

Present rate of production (if any) None

Sampling (describe briefly, or attach sketch) Four samples were cut in faulted area with oxides on fractures (no quartz). Assays not yet reported.

Tentative Estimate of Reserves

(Subject to revision when assays are received or after engineering calculations)

Measurable unknown but very large tons Grade

Indicated _____ tons Grade

Inferred _____ tons Grade

Mining method (actual or suggested) open cast

Milling or processing method (actual or suggested) No comment.

Processing tests suggested _____

Tentative conclusion and decision Rhyolite carries about 78 percent SiO₂ and low ~~silica~~ alumina. Sporadic gold (some high grade) is scattered through the rhyolite.

To be accompanied by brief letter giving examining engineer's general impression of the deposit, his impression of the owner, and any other confidential information he may care to submit. Refer to any known prior examinations and reports. May be executed in pencil. Should be mailed within 24 hours after examination is completed.

This property should be sampled surface and underground to determine if this is an economic disseminated deposit of gold. The property may be worthy of a large drilling program.