



CONTACT INFORMATION

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PRINTED: 11-16-2012

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: ISABELLA

ALTERNATE NAMES:

VICTOR

CHANCE PROSPECT

SANTA CRUZ COUNTY MILS NUMBER: 76B

LOCATION: TOWNSHIP 23 S RANGE 15 E SECTION 23 QUARTER SE
LATITUDE: N 31DEG 24MIN 15SEC LONGITUDE: W 110DEG 46MIN 53SEC
TOPO MAP NAME: NOGALES - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

LEAD

BIBLIOGRAPHY:

SCHRADER, 1915, USGS BULL. 582, P. 311
USBM FIELD NOTES PB6
ADMMR ISABELLA FILE

PRINTED: 10-07-2009

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CHAIRMAN
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VICE-CHAIRMAN

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J. HUBERT SMITH, KINGMAN
LLOYD C. EDMONSON, GLOBE

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
CAPITOL BUILDING
PHOENIX, ARIZONA



J. S. COUPAL, PHOENIX
DIRECTOR

W. J. GRAHAM, PHOENIX
ASSISTANT TO THE DIRECTOR
AND SECRETARY TO THE
BOARD OF GOVERNORS

FIELD OFFICES AT
GLOBE - KINGMAN
PRESCOTT - TUCSON

June 26, 1940.

REPLY TO

File mine

Mr. F. S. Diener,
Colonia Solana,
Greaterville,
Arizona.

Dear Mr. Diener:

I am enclosing herewith a copy of Mine Owners Report which you have filed with the Department of Mineral Resources covering your property.

If you have any additional information on this property, I should suggest that you forward it for filing with this report.

Assuring you of my desire to be helpful, and with best wishes, I am

Yours very truly,

J. S. Coupal
Director

JSC-amh

ISABELLA MINE

8/84

SANTA CRUZ COUNTY
PATAGONIA DISTRICT
T23S R15E Sec. 23

AKA: Victor

See: USGS Bulletin 582, p. 310-311

Nogales, AZ 7.5 map (included in file)

COMMODITIES PRESENT C10 PS, MN, AD CARBONATE, PSILOMELANE, ENA
 RE MINERALS C30 UNKNOWN
 COMMODITY SUBTYPES C41
 GEN. ANALYTICAL DATA C43
 COM. INFO. COMMENTS C80 SOME GALENA IN DUMP

SIGNIFICANCE

MAJOR PRODUCTS	MAJOR	PRODUCER	NON-PRODUCER
MINOR PRODUCTS	MINOR		
POTENTIAL PRODUCTS	POTEN		
OCCURRENCES	OCCUR		

MAJOR PRODUCTS MAJOR PRODUCER NON-PRODUCER
 MINOR PRODUCTS MINOR MAIN COMMODITIES PRESENT C11 PS
 POTENTIAL PRODUCTS POTEN MINOR COMMODITIES PRESENT C12
 OCCURRENCES OCCUR

*PRODUCTION

PRODUCTION YES (circle) PRODUCTION SIZE SML MED LGE (circle one) | PRODUCTION NO (circle one)

EXPLORATION OR DEVELOPMENT

STATUS PRODUCER | NON-PRODUCER
 STATUS AND ACTIVITY A20 1 | STATUS AND ACTIVITY A20 2

DISCOVERER L20 F.F. BETHEL
 YEAR OF DISCOVERY L10 1904 NATURE OF DISCOVERY L30 B YEAR OF FIRST PRODUCTION L40 YEAR OF LAST PRODUCTION L45
 PRESENT/LAST OWNER A12
 PRESENT/LAST OPERATOR A13
 EXPL./DEV. COMMENTS L110 1 CLAIM KNOWN, CALLED THE VICTOR OR WEST CLAIM

DESCRIPTION OF DEPOSIT

DEPOSIT TYPE(S) C40 VEIN/CONTACT METASOMATIC
 DEPOSIT FORM/SHAPE M100 TABULAR
 DEPTH TO TOP M20 UNITS M21 MAXIMUM LENGTH M40 0.5 UNITS M41 MILE
 DEPTH TO BOTTOM M30 UNITS M31 MAXIMUM WIDTH M50 2.5 UNITS M51 FT
 DEPOSIT SIZE M15 SMALL M16 MEDIUM M18 LARGE (circle one) MAXIMUM THICKNESS M60 UNITS M61
 STRIKE M70 EAST-WEST DIP M80 VERTICAL
 DIRECTION OF PLUNGE M100 PLUNGE M90
 EXP. DESC. COMMENTS M110 VEIN IS TRACEABLE ON SURFACE BY CROPPINGS AND OPENINGS FOR NEARLY 1/2 MILE

DESCRIPTION OF WORKINGS

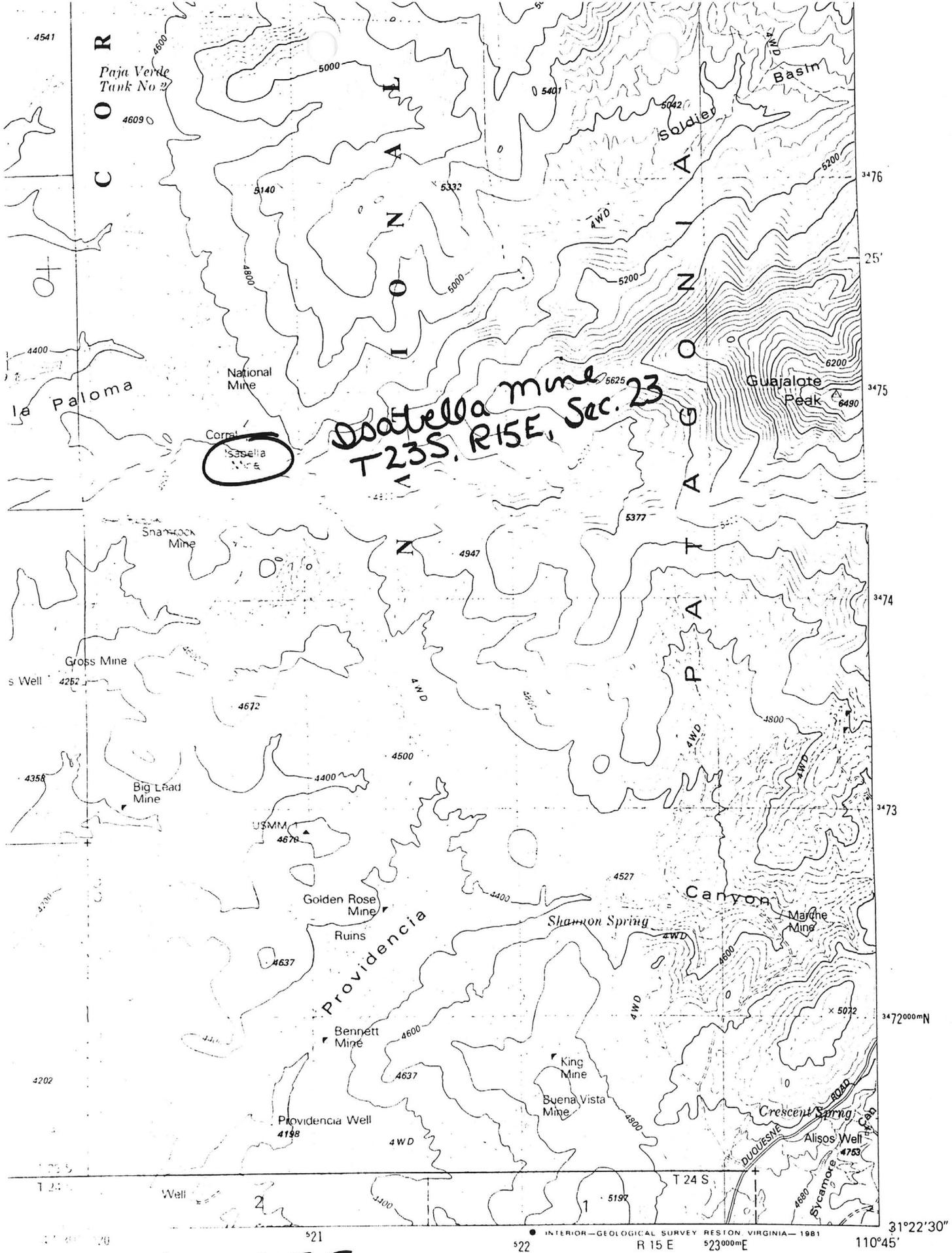
Workings are: SURFACE M120 UNDERGROUND BOTH M140 (circle one) OVERALL LENGTH M190 UNITS M191
 DEPTH BELOW SURFACE M160 50 UNITS M161 FT OVERALL WIDTH M200 UNITS M201
 LENGTH OF WORKINGS M170 UNITS M171 OVERALL AREA M210 UNITS M211
 DESC. OF WORK. COM. M220 DEVELOPMENTS COMPRISE CUTS AND SHALLOW SHAFTS; 50-FT SHAFT ON VICTOR OR WEST CLAIM

GEOLOGY

AGE OF HOST ROCK(S) K1 JUR. LEAD-ALPHA AGE ON ACCESSORY ZIRCON IS 160 ± 20 m.y. (SIMONS, 1974)
 HOST ROCK TYPE(S) K1A COARSE-GRAINED EQUIGRANULAR GRANITE PORPHYRY
 AGE OF IGNEOUS ROCK(S) K2 PREC. PRECAMBRIAN AGE UNCERTAIN (SIMONS ES, 1974)
 IGNEOUS ROCK TYPE(S) K2A HORNLENDE-RICH METAMORPHIC AND IGNEOUS ROCKS; DIORITE
 AGE OF MINERALIZATION K3 LCRET-TERT. (?)
 PERT. MINERALS (NOT ORE) K4 DRUSY - BANDED QUARTZ, LIMONITE
 ORE CONTROL/LOCUS K6 E-W TRENDING QUARTZ VEIN BETWEEN GRANITE PORPHYRY ON NORTH AND DIORITE
 MAJ. REG. TRENDS/STRUCT. N6 DEPOSITS IN REGION ARE MAINLY LEAD-SILVER QUARTZITIC VEINS WHICH STRIKE
 TECTONIC SETTING N16 N-S TRENDING PIEDMONT FAULT; PATAGONIA RANGE UPLIFTED ON EAST
 SIGNIFICANT LOCAL STRUCT. N70 DEPOSIT OCCURS CHIEFLY IN GRANITE PORPHYRY
 SIGNIFICANT ALTERATION N76 GRANITE PORPHYRY AND DIORITE ALTERED NEAR VEIN
 PROCESS OF CONC./ENRICH. N80 MINERALIZATION ALONG GRANITE PORPHYRY-DIORITE CONTACT
 FORMATION AGE N30
 FORMATION NAME N30A
 SECOND FM AGE N35
 SECOND FM NAME N36A
 IGNEOUS UNIT AGE N50 JUR.
 IGNEOUS UNIT NAME N50A COMORO CANYON GRANITE
 SECOND IG. UNIT AGE N65
 SECOND IG. UNIT NAME N66A
 GEOLOGY COMMENTS N86 PROSPECT LOCATED IN GROSS BELT; BELT AND FOOTHILLS SEPARATED FROM STEEP SLOPES OF RANGE BY PIEDMONT-LIKE VALLEY ALONG WHICH PIEDMONT FAULT RUNS;

GENERAL COMMENTS

GENERAL COMMENTS GEN FILE F100016



Nogales, AZ 7.5

ROAD CLASSIFICATION

- Primary highway, hard surface ———
- Secondary highway, hard surface - - - - -
- Light-duty road, hard or improved surface ———
- Unimproved road - - - - -

DUQUESNE
3846 / SW

INTERIOR-GEOLOGICAL SURVEY RESTON, VIRGINIA-1981
R 15 E 5230000E

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date June 24, 1939

Mine Isabella

District Greaterville

Location 7 miles from Greaterville

Former name Hammer Head

Owner F.S. Diener

Address Colonia Solana
c/o George Tidmarsh

Operator

Address

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Gold Low Silver

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present none

Operations Planned Contingent on financing

Number Claims, Title, etc. 3 not patented

Description: Topog. & Geog. 7 miles SW of Greaterville over the mountain Can best be reached by going to the Parker ranch, thence due west. Elev. 6000'. Head of Sawmill Canyon.

Mine Workings: Amt. & Condition Old shaft 60' deep
Open cut 50'
Tunnel 25'

(over)

Geology & Mineralization - Series of veins in porphyry (?)
Width 3 ft. when in solid stringers
6 inches to 9 inches on surface.

Ore: Positive & Probable, Ore Dumps, Tailings -

	<u>Assays</u>	<u>Au (oz./ton)</u>
1935	Dump (sample cut 18" x 36" deep	3.21
	Dump sample	0.24
	60 ft. shaft	0.44
	Small dump	1.05
	Shaft #1 8" W	.04
	- 4" W	.05
	60 ft. shaft 35 ft. deep	.14
	Dump from 60 ft. shaft	2.41

Mine, Mill Equipment & Flow Sheet

Road Conditions, Route - Highway 83, turn West to Parker's Ranch 5 miles
Road good to ranch. Mine 3 miles west from Ranch.
Road from ranch to mine washed out.

Water Supply - Spring for domestic use. Plenty of water in winter season,
Could be developed.

Brief History - Older location but not extensive previous operation.
Practically virgin showing.

Special Problems, Reports Filed

Remarks - This man is a master mechanic, deaf, age 61.

If property for sale: Price, terms and address to negotiate - Would like partner to develop. Or would sell. Not able to do mining, but have had mill experience. Want to develop a 100 ft. level and then put in a small mill. Would make a 50/50 deal for \$3000. Spend \$2000 on development and \$1000 for mill operating cost.

SIGNED - _____

MI-5

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date

June 24, 1939

Mine Isabella

District Greaterville

Location

7 miles from
Greaterville

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Mill Supt.

Principal Metals - Gold, Low Silver

Men Employed

Production Rate

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present - None

Operations Planned - Contingent on financing

Number Claims, Title, etc. - 3 unpatented

Description: Topography & Geography - 7 miles SW of Greaterville over the mountain. Can best be reached by going to the Parker Ranch, thence due west. Elevation 6000 ft. Head of Sawmill Canyon.

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Special Problems, Reports Filed

Remarks This man is a master mechanic deaf age 61.

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Would like partner to develop. Or would sell. Not able to do mining
but have had mill experience. Want to develop a 100' level and then put
in a small mill. Would make a 50/50 deal for \$5000. Spend \$2000 on develop-
ment and \$1000 for mill operating acct.

Signed.....

Use additional sheets if necessary.

BOARD OF GOVERNORS:
CHARLES F. WILLIS, PHOENIX
CHAIRMAN
DR. N. H. MORRISON, PHOENIX
VICE-CHAIRMAN

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PRESCOTT - TUCSON

June 26, 1940.

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File mine

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If you have any additional information on this property, I should suggest that you forward it for filing with this report.

Assuring you of my desire to be helpful, and with best wishes, I am

Yours very truly,

J. S. Coupal
Director

JSC-amh

MI-5 ISABELLA MINE F.S.Diene Colonia Solana, c/o Geo.
Tidmarsh, reaterville, Ariz.

Copy of Mine Owners Report having property listed with the
Department of Mineral Resources has been furnished to -

Chas. E. Lees, 240 N.Cliffwood Ave., Los Angeles, Calif.
J. A. Fults, 126½ N. Ave.50, Los Angeles, Calif.

DEPARTMENT OF MINERAL RESOURCES
J. S. Coupal, Director

MI-5 ISBELLA, F.S.Diener, Colonia Solana, c/o Geo.Tidmarsh
Greaterville, Ariz.

Your name and address has been furnished to -

Harry E. Rose, 623 Court St., Los Angeles, California.

who has made inquiry for the same with reference to mining
property filed with the Department of Mineral Resources.

DEPARTMENT OF MINERAL RESOURCES
J. S. Coupal, Director