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Arizona Department of Mines and Mineral Resources Mining Collection

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01/09/97

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: ARMADA

ALTERNATE NAMES:
AUTOMIBL CHUTE
COPPER MT.
LA ARMADA
PURPLE CACTUS CLAIM

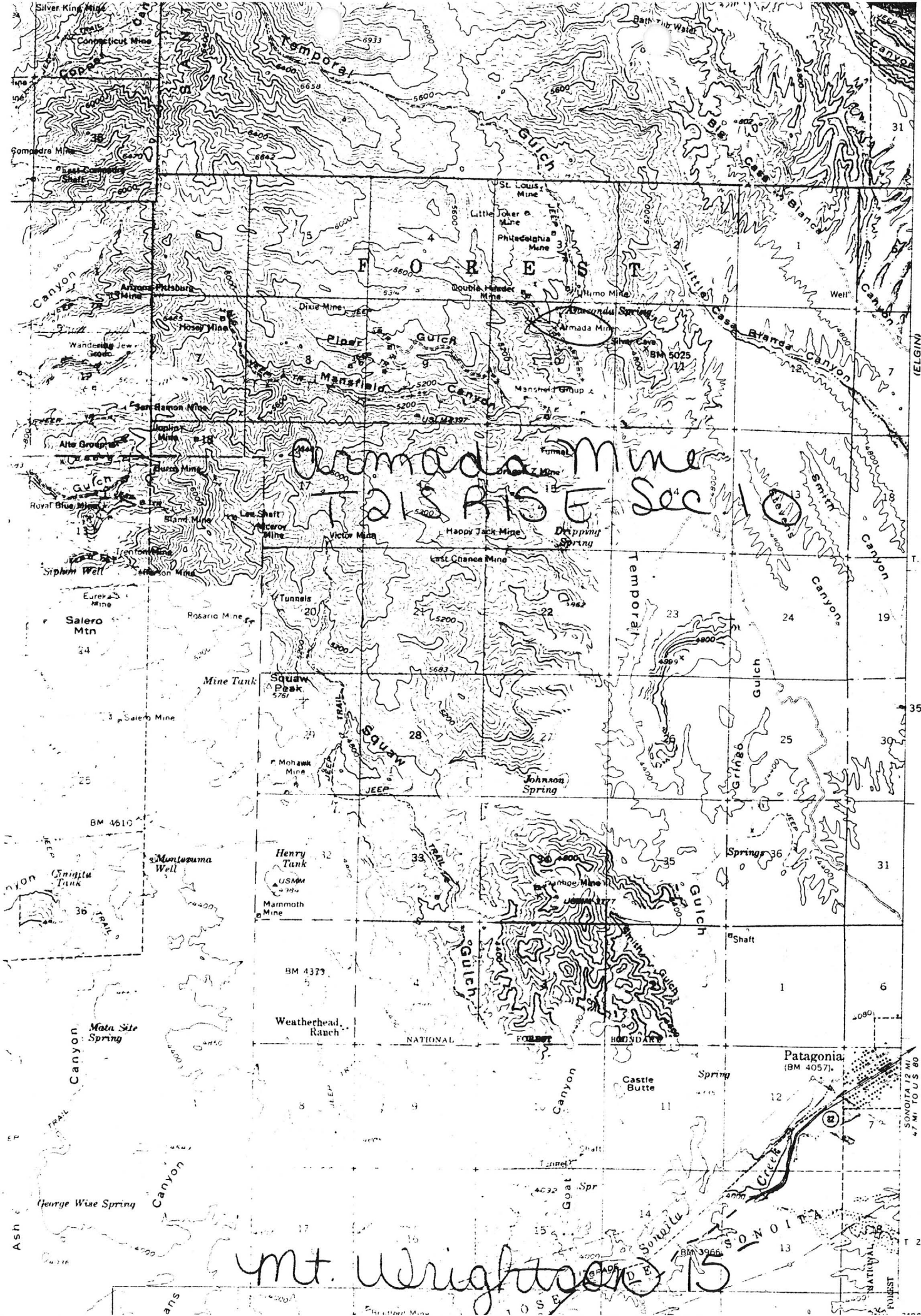
SANTA CRUZ COUNTY MILS NUMBER: 13A

LOCATION: TOWNSHIP 21 S RANGE 15 E SECTION 10 QUARTER N2
LATITUDE: N 31DEG 37MIN 39SEC LONGITUDE: W 110DEG 47MIN 58SEC
TOPO MAP NAME: MOUNT WRIGHTSON - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
SILVER
LEAD
COPPER
ZINC
GOLD

BIBLIOGRAPHY:
KEITH, S.B., 1975, AZBM INDEX OF MINING PROP.
IN SANTA CRUZ CO. BULL. 191, P. 88
AZBM CARD FILE SANTA CRUZ CO.
ADMMR ARMADA MINE FILE
USGS BULL. 582, P. 236


Armada Mine
T 21 S R 15 E Sec 10
Mt. Wrightson 15
Silver King Mine
Connecticut Mine
Compadre Mine
East Compadre Shaft
Temporal Gulch
Bath Tub Water
Big Casa Blanca Canyon
St. Louis Mine
Little Joker Mine
Philadelphia Mine
F O R E S T
Double Header Mine
Ultimo Mine
Armada Mine
Silver Cave
BM 5025
Little Casa Blanca Canyon
Well
Arizona Pittsburg Mine
Hosey Mine
Dixie Mine
Piper Gulch
Mansfield Canyon
Mansfield Group
Wandering Jew Group
San Ramon Mine
Joplin Mine
Alto Group
Burro Mine
Royal Blue Mine
Bland Mine
Lee Shaft
Mccroy Mine
Victor Mine
Happy Jack Mine
Dripping Spring
Last Chance Mine
Trenton Mine
Siphon Well
Jefferson Mine
Eureka Mine
Salero Mtn
Rosario Mine
Tunnels
Temporal Gulch
Smith Canyon
Stevens Canyon
Mine Tank
Squaw Peak
Salero Mine
Squaw Gulch
Mohawk Mine
Johnson Spring
Gringo Gulch
BM 4610
Montezuma Well
Cinigita Tank
Henry Tank
Mammoth Mine
Springs
Shaft
BM 4373
Weatherhead Ranch
NATIONAL FOREST BOUNDARY
Mata Site Spring
Patagonia (BM 4057)
Castle Butte
Spring
Goat Canyon
George Wise Spring
Sonoita Creek
SONOITA
BM 3966
T. 21 S
T 22 S
(ELGIN)
35'
SONOITA 12 MI 47 MI TO U S 80

ARMADA MINE SANTA CRUZ

Visited Armada Mine, 5 miles north and $2\frac{1}{2}$ miles west of Patagonia, Sec. 10. David Altamirana of 707 North Miller, is the owner and is doing assessment work.

GWI WR 7/30/65

GENERAL REFERENCES

REFERENCE 1 F1 < ABGMT-USE FILE DATA

REFERENCE 2 F2 < SCHRADER, F.C., 1915, USGS BULL. 582, p. 236

REFERENCE 3 F3 < KEITH, S.B., 1975, ABM BULL. 191, p. 88

REFERENCE 4 F4 < ABGMT FILES, STANTON B. KEITH

L10 < FRANKS, FENON, VASQUEZ, BOULDER MINING CO., ALTAMIRANO, MAPES AND BLAKE, J. PARKS >

N5 < CONSISTS OF A SERIES OF TABULAR SHEETS OR RELATIVELY FLAT LENSES >

D10 < PRODUCTION DATA INCLUDED IN ANACONDA MINE GROUP WHICH INCLUDES DOUBLE HEADER, ULTIMO, PHILADELPHIA, SILVER CAVE, ST. LOUIS, AND LITTLE JOKER MINES >

F5 < DREWES, H., 1971, USGS MAP I-614-I 1:48000 >
F6 < DREWES, H., 1972, USGS PROFESSIONAL PAPER 748, p. 14-15 >
F7 < ROHRBACHER, ROBERT G., 1964, GEOLOGY OF THE TEMPORAL GULCH-MANSFIELD CANYON AREA, SANTA CRUZ COUNTY, ARIZONA, M.S. THESIS, UNIVERSITY OF ARIZONA, p. 68-69 >
F8 < ADMR FILE DATA, ARMADA MINE >

U.S. CRIB SITE FORM

RECORD IDENTIFICATION

*RECORD NUMBER B10 < >
*RECORD TYPE B20 < X, I, M >
DEPOSIT NUMBER B40 < >
REPORT DATE G1 < 82 YR. 05 MO. >
*INFORMATION SOURCE B30 < 1, 2 >
*FILE LINK IDENT. B50 < USBM-0040230101a >

*REPORTER (SUPERVISOR) G2 < CALDER SUSAN R. (last, first, middle initial) > ((last, first, middle initial))
*REPORTER AFFILIATION G5 < ABGMT >
*SITE NAME A10 < ARMADA MINE >
*SYNONYMS A11 < COPPER MOUNTAIN; LA ARMADA; ANACONDA MINE GROUP; PURPLE CACTUS >

LOCATION

MINING DISTRICT/AREA A30 < MANSFIELD DISTRICT >
COUNTY A60 < SANTA CRUZ >
*STATE A88 < AZ >
*COUNTRY A40 < U.S. >
PHYSIOGRAPHIC PROV. A63 < 12 >
DRAINAGE AREA A62 < 15050301 LOWER COLORADO >
*LAND STATUS A64 < 41, C, 1979 >
QUADRANGLE NAME A90 < MT. WRIGHTSON, C, 1958 >
QUADRANGLE SCALE A100 < 125000 >
SECOND QUAD NAME A92 < MT. WRIGHTSON, C, 1981 >
SECOND QUAD SCALE A98 < 24000 >
ELEVATION A107 < 4720 FT >

UTM
NORTHING A120 < 3498980 >
EASTING A130 < 519020 >
ZONE NUMBER A110 < 12 >

*ACCURACY
ACCURATE ACC (circle)
ESTIMATED EST

GEODETIC
*LATITUDE A70 < 31-37-39 N >
*LONGITUDE A80 < 110-47-58 W >

CADASTRAL
TOWNSHIP(S) A77 < 021S >
*RANGE(S) A78 < 015E >
SECTION(S) A79 < 10 >
SECTION FRACTION(S) A76 < N2 OF N2 >
MERIDIAN(S) A81 < GILA AND SALT RIVER >

POSITION FROM NEAREST PROMINENT LOCALITY A82 < 6.5 MILES NW OF PATAGONIA >
LOCATION COMMENTS A83 < IN TEMPORAL GULCH; 1/4 MILE SE OF DOUBLE HEADER MINE >

* ESSENTIAL INFORMATION
· ESSENTIAL SOMETIMES OR HIGHLY RECOMMENDED

COMMODITY INFORMATION

*COMMODITIES PRESENT C10 Ag, Cu, Au, Pb, Zn
*ORE MINERALS C30 AZURITE, COPPER CARBONATES, COPPER SULFIDES
COMMODITY SUBTYPES C41
*GEN. ANALYTICAL DATA C43 ANACONDA GROUP ORE VALUES AVERAGED 5% Pb, 30 OZ/TON Ag, 3% Cu, MINOR Au
*COM. INFO. COMMENTS C50

SIGNIFICANCE

	PRODUCER	NON-PRODUCER
MAJOR PRODUCTS	MAJOR Cu, Pb	MAIN COMMODITIES PRESENT C11
MINOR PRODUCTS	MINOR Ag, Au, Zn	MINOR COMMODITIES PRESENT C12
POTENTIAL PRODUCTS	POTEN	
OCCURRENCES	OCCUR	OCCURRENCES OCCUR

*PRODUCTION

*PRODUCER
*PRODUCTION YES (circle) *PRODUCTION SIZE *SML *MED *LGE *(circle one)

*NON-PRODUCER
*PRODUCTION *UND *NO *(circle one)

*STATUS — EXPLORATION OR DEVELOPMENT

*PRODUCER
*STATUS AND ACTIVITY *A20 4

*NON-PRODUCER
*STATUS AND ACTIVITY *A20

*DISCOVERER L20
*YEAR OF DISCOVERY L10 1870's *NATURE OF DISCOVERY L30 B *YEAR OF FIRST PRODUCTION L40 1907 *YEAR OF LAST PRODUCTION L45 1958
*PRESENT/LAST OWNER A12
*PRESENT/LAST OPERATOR A13
EXPL./DEV. COMMENTS L110 ANACONDA MINE GROUP CONSISTS OF 54 CLAIMS; ANACONDA PROPERTY OWNED OR OPERATED BY W.V. RHEA, VALENZUELA, ANACONDA-ARIZONA MINING CO., R.H. SESMAN, G.S.

DESCRIPTION OF DEPOSIT

*DEPOSIT TYPE(S) C40 SHEAR ZONE
DEPOSIT FORM/SHAPE *M10 TABULAR; LENSES; IRREGULAR
*DEPTH TO TOP *M20 *UNITS M21 *MAXIMUM LENGTH *M40 *UNITS M41
*DEPTH TO BOTTOM *M30 *UNITS M31 *MAXIMUM WIDTH *M50 10 *UNITS M51 FT
*DEPOSIT SIZE *M15 SMALL *M15 MEDIUM *M15 LARGE *(circle one) *MAXIMUM THICKNESS *M60 *UNITS M61
*STRIKE *M70 E-W *DIP *M80 VERTICAL
*DIRECTION OF PLUNGE *M100 *PLUNGE *M90
*DEP. DESC. COMMENTS *M110

DESCRIPTION OF WORKINGS

*Workings are: *SURFACE *M120 *UNDERGROUND *M130 BOTH *M140 (circle one)
*DEPTH BELOW SURFACE *M160 45 *UNITS M161 FT *OVERALL LENGTH *M190 *UNITS M191
*LENGTH OF WORKINGS *M170 *UNITS M171 *OVERALL WIDTH *M200 *UNITS M201
*OVERALL AREA *M210 *UNITS M211
DESC. OF WORK. COM. *M220 OPENED BY A 45-FT SHAFT AND 90 FT TUNNEL

GEOLOGY

*AGE OF HOST ROCK(S) *K1 E.CRET.
*HOST ROCK TYPE(S) K1A TUFFACEOUS, BRECCIATED ANDESITE
*AGE OF IGNEOUS ROCK(S) K2 J.R.I. 220 m.y. BY PB-α DATING METHOD (DREWES, H., 1971)
*IGNEOUS ROCK TYPE(S) K2A RHYOLITIC AND LATITIC VOLCANICS
*AGE OF MINERALIZATION K3 L.CRET.
*PERT. MINERALS (NOT ORE) *K4 QUARTZ; LIMONITE
*ORE CONTROL/LOCUS *K5 E-W TRENDING, VERTICAL SILICEOUS SHEAR ZONE CUTTING ANDESITE
*MAJ. REG. TRENDS/STRUCT. *N5 SYSTEM OF NW-TRENDING QUARTZ VEINS, SPACED 200-300 FT. APART; VEINS
*TECTONIC SETTING *N15 MOUNT WRIGHTSON FAULT BLOCK
*SIGNIFICANT LOCAL STRUCT. N70 ANDESITE INTRUDED BY DIKES AND MASSES OF YOUNGER BLACK ANDESITE
*SIGNIFICANT ALTERATION *N75 SURFACE OXIDATION TO DEPTH OF 45 FT.
*PROCESS OF CONC./ENRICH. *N80 OXIDATION; EPIGENETIC MINERALIZATION OF LOW-GRADE PYRITE VEINS
*FORMATION AGE *N30
*FORMATION NAME *N30A
SECOND FM AGE N35
SECOND FM NAME N35A
*IGNEOUS UNIT AGE N50 E.CRET.
*IGNEOUS UNIT NAME N50A TEMPORAL FORMATION
SECOND IG. UNIT AGE N55 J.R.I.
SECOND IG. UNIT NAME N55A MOUNT WRIGHTSON FORMATION-MIDDLE MEMBER
GEOLOGY COMMENTS N85

GENERAL COMMENTS

GENERAL COMMENTS GEN SEE ALSO: DOUBLE HEADER, ULTIMO, PHILADELPHIA, SILVER CAVE, ST. LOUIS, AND LITTLE JOKER MINES

DEPARTMENT OF MINERAL RESOURCES

News Items

Date May 21, 1940

Mine Armada

Location 10 mi north fm Wrightson Dist Patagonia.

Owners: A. G. Valenzuela, A. A. Altamirana, R. C. and J. C. Martinez

Address c/o A. G. Valenzuela, Box 5, Patagonia, Ariz.

Operating Co. Same.

Address

Pres. No corporation.

Genl. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Lead, silver (minor gold)

Men Employed 3 (owners)

Production Rate Not established.

Mill, Type & Capacity None

Power, Amt. & Type None.

Signed M. M. C.

ALTAMIRANA, ~~A. A. et al (Owners)~~
% A.G.Valenzuela, ~~Box 5, Patagonia, Ariz.~~
150 Terrace Ave., Nogales

MINE - ARMADA - Wrightson Dist., Patagonia -(10 Mi. N from old Mansfield Mine)

~~Patagonia, Arizona~~
150 Terrace ave, Nogales
See V File
Re - circular on instructions in order to obtain premium prices on lead content of ore

MINE - ARMADA-(10 Mi.N from)Wrightson Dist., Patagonia 5-21-40
(old Mansfield)
(Mine.)

OWNERS - A.G.Valenzuela - R.C. & J. C. Martinez 5-21-40
A.A.Altamirana -

MARTINEZ, R. C. AND J. C. ET AL, Owners 5-21-40
% A. G. Valenzuela, ~~Box 5, Patagonia, Ariz.~~
150 Terrace ave - Nogales

MINE - ARMADA - Wrightson Dist., Patagonia -(10 Mi. N from old Mansfield Mine.)