



CONTACT INFORMATION

Mining Records Curator
Arizona Geological Survey
1520 West Adams St.
Phoenix, AZ 85007
602-771-1601
<http://www.azgs.az.gov>
inquiries@azgs.az.gov

The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

PRINTED: 07-25-2012

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: DOUBLE HEADER

ALTERNATE NAMES:
ANACONDA GROUP

SANTA CRUZ COUNTY MILS NUMBER: 14A

LOCATION: TOWNSHIP 21 S RANGE 15 E SECTION 3 QUARTER SW
LATITUDE: N 31DEG 37MIN 50SEC LONGITUDE: W 110DEG 48MIN 10SEC
TOPO MAP NAME: MOUNT WRIGHTSON - 15 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
SILVER
LEAD SULFIDE
COPPER SULFIDE
ZINC SULFIDE
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.
SCHRADER, F.C., 1915, USGS BULL. 582, P. 234
ADMMR "U" FILE CU 37 NOT MAPPED
ADMMR DOUBLE HEADER FILE

DOUBLE HEADER MINE

REFERENCES

SANTA CRUZ COUNTY

ABM Bull. 191, p. 88

ABM Card File - Santa Cruz County

USGS Bull. 582, p. 234-235

MILS Sheet 0040230167

* GENERAL REFERENCES.

REFERENCE 1 F1 < ABGMT-1-9M FILE DATA >
 REFERENCE 2 F2 < SCHRADEK, F.C., 1915, USGS BULL. 582, p. 234-235 >
 REFERENCE 3 F3 < KEITH, S.B., 1975, ARM BULL. 191, p. 88 >
 REFERENCE 4 F4 < ABGMT FILES, STANTON B. KEITH >

L110 < FRANKS, LENON, VASQUEZ, BOULDER MINING CO., ALTAMIRANO, MAPES AND BLAKE, J. PARKS >

K5 < LENSES THAT ARE GENERALLY CONNECTED BY SEAMS OF BARITE >
 N5 < VEINS CONSIST OF A SERIES OF TABULAR SHEETS OR RELATIVELY FLAT LENSES >

N70 < OF YOUNGER BLACK ANDESITE >

N85 < MIDDLE PORTION >

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

F5 < DREWES, H., 1971, USGS MAP I-614 (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 >

U.S. CRIB-SITE FORM

RECORD IDENTIFICATION

RECORD NUMBER B10 < >
 REPORT DATE G1 < 8.2.05 >
 YR. MO.
 RECORD TYPE B20 < X I M >
 INFORMATION SOURCE B30 < 1.2 >
 DEPOSIT NUMBER B40 < >
 FILE LINK IDENT. B50 < USBM-0040230167 >
 REPORTER(SUPERVISOR) G2 < CALDER, SUSAN R. >
 (last, first, middle initial) (last, first, middle initial)
 REPORTER AFFILIATION G5 < ABGMT >
 SYNONYMS A11 < ANACONDA MINE GROUP >
 SITE NAME A10 < DOUBLE HEADER MINE >

LOCATION

MINING DISTRICT/AREA A30 < MANSFIELD DISTRICT >
 COUNTY A60 < SANTA CRUZ >
 STATE A60 < AZ >
 COUNTRY A40 < U.S. >
 PHYSIOGRAPHIC PROV. A63 < 1.2 >
 DRAINAGE AREA A62 < 1.5050.301.1. LOWER COLORADO >
 LAND STATUS A64 < 41.1.1.9.7.9.1 >
 QUADRANGLE NAME A90 < MT. WRIGHTSON >
 QUADRANGLE SCALE A100 < 1.2.500. >
 SECOND QUAD NAME A92 < MT. WRIGHTSON >
 SECOND QUAD SCALE A98 < 2400.0. >
 ELEVATION A102 < 5310.0. FT. >

UTM
 NORTHING A120 < 3499.400 >
 EASTING A130 < 515.600 >
 ZONE NUMBER A110 < 1.2 >
 ACCURACY
 ACCURATE ACC (circle)
 ESTIMATED EST
 GEODETIC
 LATITUDE A70 < 31.1-37-53.N >
 LONGITUDE A80 < 110-48-14.W >

CADASTRAL
 TOWNSHIP(S) A77 < 02.1.5. >
 RANGE(S) A78 < 0.1.5.E. >
 SECTION(S) A79 < 03 >
 SECTION FRACTION(S) A76 < SE OF SW OF SW >
 MERIDIAN(S) A81 < GILA AND SALT RIVER >

POSITION FROM NEAREST PROMINENT LOCALITY A82 < ABOUT 7 MILES NW OF PATAGONIA >
 LOCATION COMMENTS A83 < NORTH SIDE OF WESTERN TRIBUTARY OF TEMPORAL GULCH; 1/4 MILE NW OF ARMADA MINE >

* ESSENTIAL INFORMATION
 * ESSENTIAL SOMETIMES OR HIGHLY RECOMMENDED

COMMODITY INFORMATION

COMMODITIES PRESENT C10 Ag, Cu, Au, Pb, Zn, V
 ORE MINERALS C30 GALENA, SPHALERITE, GREY COPPER
 COMMODITY SUBTYPES C41
 GEN. ANALYTICAL DATA C43 ANACONDA GROUP ORE VALUES AVERAGED 5% Pb, 30.02/TON Ag, 3% Cu, MINOR Au
 COM. INFO. COMMENTS C50

SIGNIFICANCE

PRODUCER

MAJOR PRODUCTS MAJOR Cu, Pb, V
 MINOR PRODUCTS MINOR Ag, Au, Zn
 POTENTIAL PRODUCTS POTEN
 OCCURRENCES OCCUR

NON-PRODUCER

MAIN COMMODITIES PRESENT C11
 MINOR COMMODITIES PRESENT C12
 OCCURRENCES OCCUR

*PRODUCTION

PRODUCER

PRODUCTION YES (circle) PRODUCTION SIZE SMALL MED LGE (circle one)

NON-PRODUCER

PRODUCTION UND NO (circle one)

EXPLORATION OR DEVELOPMENT

PRODUCER

*STATUS

STATUS AND ACTIVITY A20 H

NON-PRODUCER

STATUS AND ACTIVITY A20 L

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 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 VEIN
 DEPOSIT FORM/SHAPE M10 LENSES
 DEPTH TO TOP M20 UNITS M21 MAXIMUM LENGTH M40 UNITS M41
 DEPTH TO BOTTOM M30 UNITS M31 MAXIMUM WIDTH M50 UNITS M51
 DEPOSIT SIZE M15 SMALL M15 MEDIUM M15 LARGE (circle one) MAXIMUM THICKNESS M60 UNITS M61
 STRIKE M170 E-W DIP M80 30-60
 DIRECTION OF PLUNGE M100 PLUNGE M90
 DESC. COMMENTS M110 DIP OF VEIN FLATTENS FROM ABOUT 60 DEGREES NEAR SURFACE TO 30 DEGREES IN LOWER PART OF SHAFT

DESCRIPTION OF WORKINGS

Workings are: SURFACE M120 UNDERGROUND M130 BOTH M140 (circle one) OVERALL LENGTH M190 UNITS M191
 DEPTH BELOW SURFACE M160 UNITS M161 OVERALL WIDTH M200 UNITS M201
 LENGTH OF WORKINGS M170 UNITS M171 OVERALL AREA M210 UNITS M211
 DESC. OF WORK. COM. M220 OPENED BY A 100-FT INCLINED SHAFT

GEOLOGY

*AGE OF HOST ROCK(S) K1 T.R.I. 220 m.y. BY Pb-Pb DATING METHOD (DREWES, H., 1971)
 *HOST ROCK TYPE(S) K1A WHITE, SILICIFIED RHYOLITIC TUFF; RHYOLITIC AND LATITIC VOLCANICS
 *AGE OF IGNEOUS ROCK(S) K2 ECRET
 *IGNEOUS ROCK TYPE(S) K2A TUFFACEOUS, BRECCIATED ANDESITE
 *AGE OF MINERALIZATION K3 ECRET
 *PERT.-MINERALS (NOT ORE) K4 QUARTZ-BARITE GANGUE
 *ORE-CONTROL/LOCUS K5 E-W TRENDING QUARTZ VEIN CUTTING RHYOLITE INTRUSION; ORE OCCURS IN
 *MAJ. REG. TRENDS/STRUCT. M5 SYSTEM OF N60W TRENDING QUARTZ VEINS, SPACED 200-300 FT APART;
 *TECTONIC SETTING M15 MOUNT WRIGHTSON FAULT BLOCK
 *SIGNIFICANT LOCAL STRUCTURE M70 RHYOLITE INTRUDED INTO ANDESITE; ANDESITE INTRUDED BY DIKES AND MASSES
 *SIGNIFICANT ALTERATION M75 SURFACE OXIDATION TO DEPTH OF 15 FT.
 *PROCESS OF CONC./ENRICH. M80 OXIDATION; EPIGENETIC MINERALIZATION OF LOW-GRADE PYRITE VEINS
 *FORMATION AGE M30
 *FORMATION NAME N30A
 *SECOND FM AGE N35
 *SECOND FM NAME N35A
 *IGNEOUS UNIT AGE N50 T.R.I.
 *IGNEOUS UNIT NAME N50A MOUNT WRIGHTSON FORMATION - MIDDLE MEMBER
 *SECOND IG. UNIT AGE N55 ECRET
 *COND IG. UNIT NAME N55A TEMPORAL FORMATION
 *GEOLOGY COMMENTS N85 COUNTRY ROCK CONTAINS A LITTLE DISSEMINATED PYRITE. LENSES ARE USUALLY BANDED, WITH SULFIDES CONCENTRATED IN OUTER PORTION AND BARITE IN INNER OR

GENERAL COMMENTS

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