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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: GREY FOX PROSPECTS

ALTERNATE NAMES:

SANTA CRUZ COUNTY MILS NUMBER: 85D

LOCATION: TOWNSHIP 20 S RANGE 14 E SECTION 35 QUARTER SE
LATITUDE: N 31DEG 38MIN 38SEC LONGITUDE: W 110DEG 52MIN 15SEC
TOPO MAP NAME: MOUNT WRIGHTSON - 15 MIN

CURRENT STATUS: EXP PROSPECT

COMMODITY:
- COPPER
- LEAD
- SILVER
- GOLD

BIBLIOGRAPHY:

- USGS MT WRIGHTSON QUAD
- ADMMR "U" FILE CU 42
- ADMMR GREY FOX PROSPECTS FILE

GENERAL REFERENCES

REFERENCE 1 F1 < USBM FILES GREY FOX PROSPECT

REFERENCE 2 F2 < SC ADER, F.C., 1915, USGS BULL. 582 (GENERAL)

REFERENCE 3 F3 < DREWES, H., 1971, USGS MAP I-614 (1:48000)

REFERENCE 4 F4 < DREWES, H., 1972, USGS PROFESSIONAL PAPER 748, p. 11-12

N5< DIKES THAT EXTEND WNW FROM JOSEPHINE CANYON TO GLOVE MINE >

MOST ESD

U.S. CRIB SITE FORM

RECORD IDENTIFICATION

*RECORD NUMBER B10 <>

*RECORD TYPE B20 <X, 1, M>

DEPOSIT NUMBER B40 <>

REPORT DATE G1 <8,2 ¥ 0,4> (YR. MO.)

*INFORMATION SOURCE B30 <1,2>

*FILE LINK IDENT. B50 < USBM-0040230421 >

*REPORTER (SUPERVISOR) G2 < CALDER, SUSAN R. > (last, first, middle initial) ( ) (last, first, middle initial)

*REPORTER AFFILIATION G5 < ABGMT >

*SITE NAME A10 < GREY FOX PROSPECT >

SYNONYMS A11 <>

LOCATION

MINING DISTRICT/AREA A30 < WRIGHTSON DISTRICT >

COUNTY A60 < SANTA CRUZ >

*STATE A50 < A,Z >

*COUNTRY A40 < U,S, >

PHYSIOGRAPHIC PROV A63 < 1,2 ¥ >

DRAINAGE AREA A62 < 1,5,0,5,0,3,0,1 ¥ LOWER COLORADO >

LAND STATUS A64 < 4,1 ¥ ¥ (1,9,7,9,) >

QUADRANGLE NAME A90 < MT. WRIGHTSON (1,9,5,8,) >

*QUADRANGLE SCALE A100 < 6,2,5,0,0, >

SECOND QUAD NAME A92 < MT. WRIGHTSON (1,9,8,1,) >

SECOND QUAD. SCALE A91 < 2,4,0,0,0, >

ELEVATION A107 < 5,3,6,0 ¥ F,T, >

UTM

NORTHING A120 < 3,5,0,0,7,8,0, >

EASTING A130 < 5,1,2,2,5,0, >

ZONE NUMBER A110 < +,1,2 >

*ACCURACY

ACCURATE ACC (circle)

ESTIMATED EST <>

GEODETIC

*LATITUDE A70 < 3,1, - 3,8, - 3,8, N >

*LONGITUDE A80 < 1,1,0, - 5,2, - 1,5 W >

CADASTRAL

TOWNSHIP(S) A77 < 0,2,0,S, ¥ >

*RANGE(S) A78 < 0,1,4,E, ¥ >

SECTION(S) A79 < 35 ¥ >

SECTION FRACTION(S) A76 < SE OF SE >

MERIDIAN(S) A81 < GILA AND SALT RIVER >

POSITION FROM NEAREST PROMINENT LOCALITY A82 < 3 MILES SOUTH OF MT. HOPKINS ON SOUTH SIDE OF JOSEPHINE CANYON >

LOCATION COMMENTS A83 < ADJACENT ON SOUTH TO COMPADRE MINE >

ESSENTIAL INFORMATION

ESSENTIAL SOMETIMES OR HIGHLY RECOMMENDED

COMMODITY INFORMATION

COMMODITIES PRESENT C10 <Cu | Au | Ag>
ORE MINERALS C30 <UNKNOWN>
COMMODITY SUBTYPES C41 <>
GEN. ANALYTICAL DATA C43 <>
COM. INFO. COMMENTS C50 <>

SIGNIFICANCE

PRODUCER		NON-PRODUCER	
MAJOR PRODUCTS	MAJOR < >	MAIN COMMODITIES PRESENT C11	<Cu>
MINOR PRODUCTS	MINOR < >	MINOR COMMODITIES PRESENT C12	<Pb | Au | Ag>
POTENTIAL PRODUCTS	POTEN < >		
OCCURRENCES	OCCUR < >	OCCURRENCES	OCCUR < >

*PRODUCTION

PRODUCER	NON-PRODUCER
PRODUCTION YES (circle) PRODUCTION SIZE SML MED LGE (circle one)	PRODUCTION (UND) NO (circle one)

EXPLORATION OR DEVELOPMENT

*STATUS

*PRODUCER	NON-PRODUCER
STATUS AND ACTIVITY A20 < >	STATUS AND ACTIVITY A20 <Z>

*DISCOVERER L20 <>
*YEAR OF DISCOVERY L10 < > *NATURE OF DISCOVERY L30 < > *YEAR OF FIRST PRODUCTION L40 < > *YEAR OF LAST PRODUCTION L45 < >
*PRESENT/LAST OWNER A12 <>
*PRESENT/LAST OPERATOR A13 <>
EXPL./DEV. COMMENTS L110 <NO DEVELOPMENT OR PRODUCTION DATA AVAILABLE>

DESCRIPTION OF DEPOSIT

*DEPOSIT TYPE(S) C40 <VEIN / SHEAR ZONE>
DEPOSIT FORM/SHAPE M10 <TABULAR>
*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 < > *DIP M80 < >
*DIRECTION OF PLUNGE M100 < > *PLUNGE M90 < >
DESC. COMMENTS M110 <>

DESCRIPTION OF WORKINGS

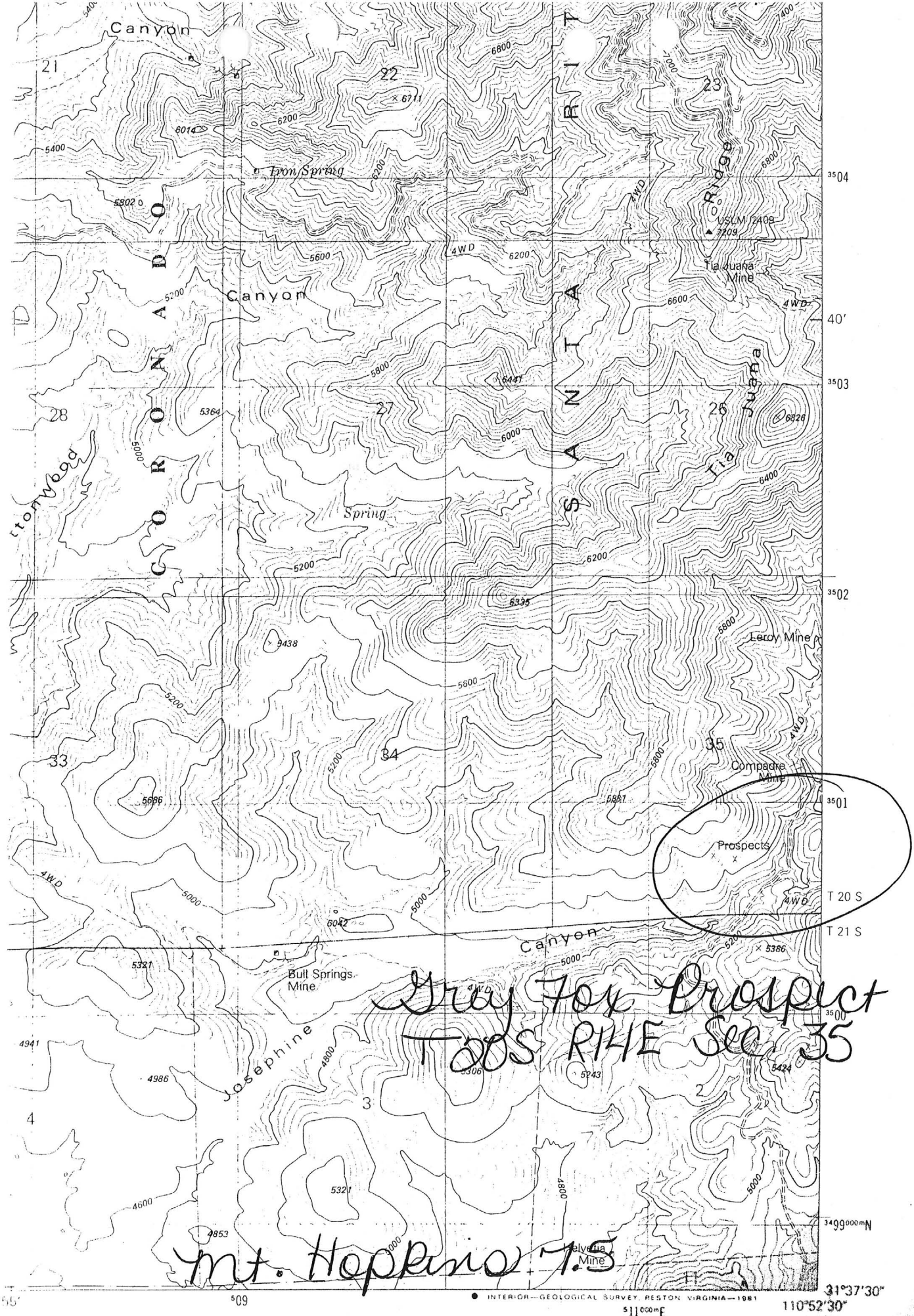
*Workings are: SURFACE M120 UNDERGROUND (M130) BOTH M140 (circle one) *OVERALL LENGTH M190 < > *UNITS M191 < >
*DEPTH BELOW SURFACE M160 < > *UNITS M161 < > *OVERALL WIDTH M200 < > *UNITS M201 < >
*LENGTH OF WORKINGS M170 < > *UNITS M171 < > *OVERALL AREA M210 < > *UNITS M211 < >
DESC. OF WORK. COM. M220 <EXPLORATION PROSPECT>

GEOLOGY

*AGE OF HOST ROCK(S) K1 <L.CRET. 67 m.y. BY K-AR DATING METHOD (DREWES, H, 1971)>
*HOST ROCK TYPE(S) K1A <MODERATELY COARSE-GRAINED QUARTZ DIORITE>
*AGE OF IGNEOUS ROCK(S) K2 <L.CRET.>
*IGNEOUS ROCK TYPE(S) K2A <QUARTZ DIORITE>
*AGE OF MINERALIZATION K3 <L.CRET.>
*PERT. MINERALS (NOT ORE) K4 <QUARTZ GANGUE>
*ORE CONTROL/LOCUS K5 <QUARTZ FISSURE VEIN CUTTING QUARTZ DIORITE>
*MAJ. REG. TRENDS/STRUCT. N5 <COTTONWOOD CANYON DIKE SWARM; NEARLY VERTICAL QUARTZ LATITE PORPHYRY>
*TECTONIC SETTING N15 <SALERO FAULT BLOCK>
*SIGNIFICANT LOCAL STRUCT. N70 <NE-TRENDING QUARTZ FISSURE VEINS>
*SIGNIFICANT ALTERATION N75 <MINOR>
*PROCESS OF CONC./ENRICH. N80 <OXIDATION NEAR SURFACE>
*FORMATION AGE N30 <>
*FORMATION NAME N30A <>
SECOND FM AGE N35 <>
SECOND FM NAME N35A <>
*IGNEOUS UNIT AGE N50 <L.CRET.>
*IGNEOUS UNIT NAME N50A <JOSEPHINE CANYON DIORITE>
SECOND IG. UNIT AGE N55 <>
SECOND IG. UNIT NAME N55A <>
GEOLOGY COMMENTS N85 <>

GENERAL COMMENTS

GENERAL COMMENTS GEN <SEE ALSO: COMPADRE-LEROY MINE GROUP FOR GEOLOGIC INFORMATION>



Gray Fox Prospect
T20S R14E Sec. 35