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PRINTED: 07-27-2012

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: TWO QUEENS

ALTERNATE NAMES:

BROMIDE NO. 1 CLAIM

PINAL COUNTY MILS NUMBER: 377

LOCATION: TOWNSHIP 5 S RANGE 16 E SECTION 3 QUARTER SE
LATITUDE: N 33DEG 01MIN 32SEC LONGITUDE: W 110DEG 41MIN 38SEC
TOPO MAP NAME: CHRISTMAS - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:

GOLD
COPPER SULFIDE
SILVER
LEAD SULFIDE
BARIUM
CALCIUM CALCITE

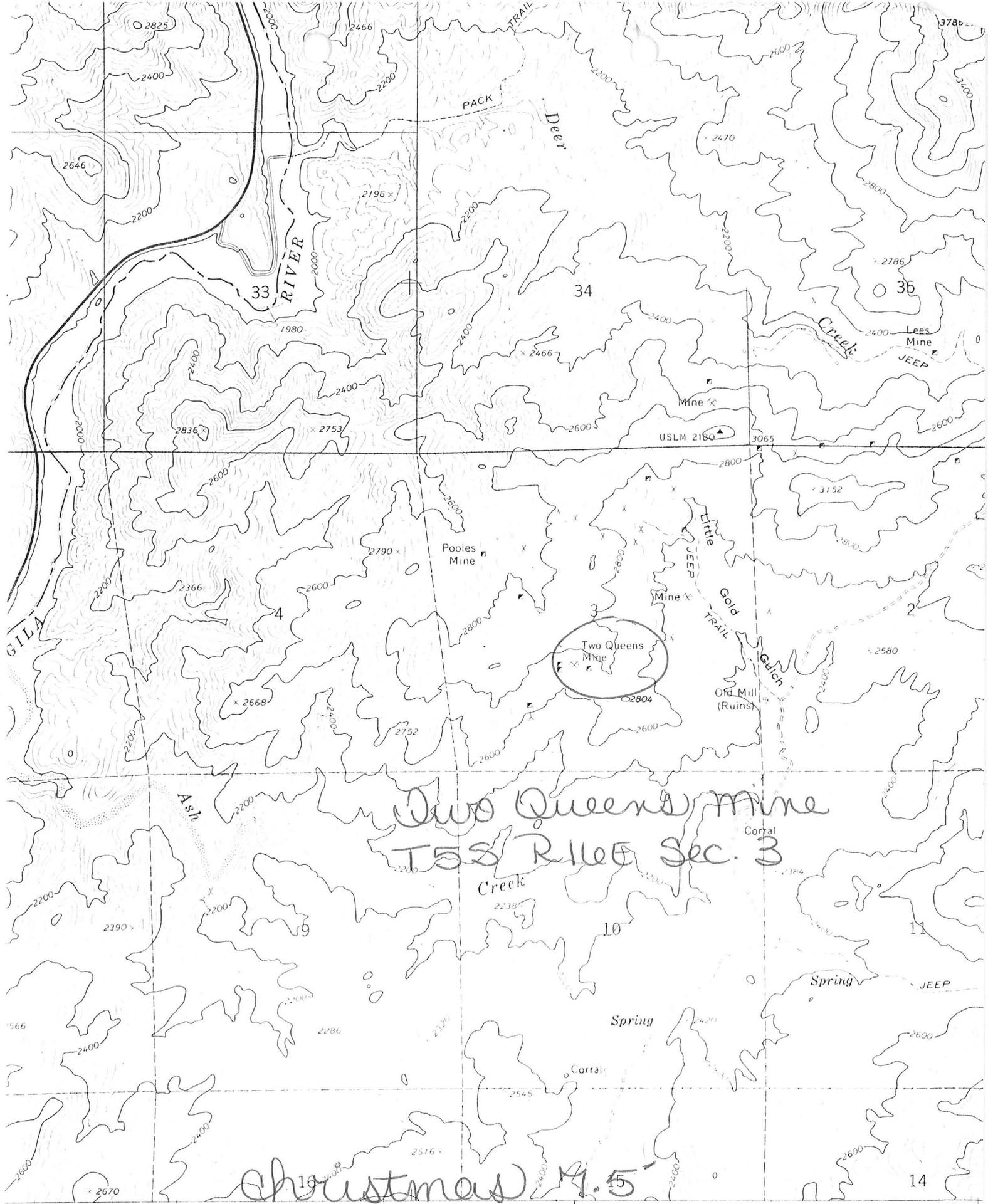
BIBLIOGRAPHY:

ROSS, CLYDE P. ORE DEPOSITS OF THE SADDLE
MTN AND BANNER MINING DISTRICTS AZ, USGS
BULL. 771, 1925, P. 48
ADMMR TWO QUEENS FILE
WEED, WLATER THE COPPER HANDBOOK 1908, P. 504
1912-13, P. 223
USAEC PRELIM RECONN. REPT. 172-488, 1953,P.32
ADMMR U FILE PINAL AU9

See: USGS Bul. # 771 p. 48

See: Copper Hand Book 1908 p. 504

Copper Hand Book 1912-13 p. 223



Survey

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GN M.V.
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SHATTUCK DENN MINING CORPORATION

and

SUBSIDIARIES

Humboldt Office

Date..... August 25, 1966

TO: C. R. Sundeen
FROM: J. Olaf Sund

SUBJECT: TWO QUEENS MINES
% Mr. W. H. Wright, President
Resources Exploration Corp.
New York

TYPE: Gold

TERMS SUGGESTED: Not indicated.

LOCATION:

The property is in the Saddle Mountain District some eight miles northeast of Winkelman in Pinal County, Arizona.

INTRODUCTION:

This property is "one of a bunch" that was presented to Shattuck Denn via a report by a Mr. Joe D. Scott, Mining Engineer. Of the other properties, it was concluded in the above report that they are "...not showing sufficient indication of developing enough commercial ore to justify development to any extent...." Therefore, the following will apply only to Scott's recommendation regarding the "Two Queens Mines" property.

INDICATED GEOLOGY:

The property is apparently underlain by Cretaceous sediments that are cut by sets of sheared zones some 4000 feet long and 2 to 9 feet wide. Some mineralized fissure veins occur in these shears as well as a set of parallel quartz-mica-diorite dikes. A relationship is suggested between the veins and dikes but this is not clear.

The mineralized parts are described as pyritic gold deposits in shear zones that strike north 75 to 80 degrees east.

MINERALIZATION AND DEVELOPMENT:

A number of shallow shafts and pits were put in many years ago. One 200 foot shaft has upwards of 400 feet of lateral work. Sampling at a number of these workings gave assays that range from 0.15, 0.42, 0.78 and 0.32 etc. ounces of gold per ton and 1.7, 6.0, 2.2 and 1.2 etc. ounces of silver per ton.

CONCLUSIONS:

1. The above gold and silver values are meaningless as there is no indication of sample widths etc.
2. The above values are actually too low to sustain any gold development considering the special difficulties inherent in gold production.
3. Nothing should be done with this property.

* GENERAL REFERENCES

- REFERENCE 1 F1 < USBM-ABGMT PRODUCTION DATA FILE
- REFERENCE 2 F2 < USBM FILE DATA - CLUSTER # 684
- REFERENCE 3 F3 < ARIZONA DEPARTMENT OF MINERAL RESOURCES FILE DATA
- REFERENCE 4 F4 < THE COPPER HANDBOOK, 1908, STEVENS, P. 504 - 1912-1913, WEED, P. 223

F5 < CREASEY S.C. AND KISTLER R.W., 1962, USGS PP 450-D, P. 01-05 >

mils 377

U.S. CRIB-SITE FORM

RECORD IDENTIFICATION

RECORD NUMBER B10 < _____ > RECORD TYPE B20 < X, I, M > DEPOSIT NUMBER B40 < _____ >
 REPORT DATE G1 < 22, 03 > INFORMATION SOURCE B30 < 1, 2 > FILE LINK IDENT. B50 < USBM-0040210847 >
 REPORTER(SUPERVISOR) G2 < LARABA, PETER > (last, first, middle initial) (GEST, DON) (last, first, middle initial)
 REPORTER AFFILIATION G5 < ABGMT > SITE NAME A10 < TWO QUEENS MINE >
 SYNONYMS A11 < _____ >

LOCATION

MINING DISTRICT/AREA A30 < SADDLE MOUNTAIN DISTRICT >
 COUNTY A60 < PINAL > STATE A50 < A.Z. > COUNTRY A40 < U.S. >
 PHYSIOGRAPHIC PROV A63 < 1, 2, 3 >
 DRAINAGE AREA A62 < 1, 5, 0, 5, 0, 1, 0, 0, 4 >
 QUADRANGLE NAME A90 < CHRIST MAS > (1, 9, 6, 8) LAND STATUS A64 < 0, 1, 4, 1, 4, 1, 9, 7, 8 >
 SECOND QUAD NAME A92 < _____ > QUADRANGLE SCALE A100 < 2, 4, 0, 0, 0 >
 ELEVATION A107 < 2, 5, 7, 0, 4, F.T. > SECOND QUAD SCALE A91 < _____ >

UTM ACCURACY GEODETTIC
 NORTHING A120 < 3653810 > ACCURATE (ACC) (circle) ESTIMATED EST < _____ > LATITUDE A70 < _____ N >
 EASTING A130 < 528170 > LONGITUDE A80 < _____ W >
 ZONE NUMBER A110 < 1, 2 >

CADASTRAL
 TOWNSHIP(S) A77 < 005 S > RANGE(S) A78 < 016 E >
 SECTION(S) A79 < 3 >
 SECTION FRACTION(S) A76 < N 1/2 OF N 1/2 OF SE >
 MERIDIAN(S) A81 < GILA AND SALT RIVER >

POSITION FROM NEAREST PROMINENT LOCALITY A82 < 2.5 MILES SW OF LEE MOUNTAIN (ELV. 3786) >
 LOCATION COMMENTS A83 < _____ >

* ESSENTIAL INFORMATION
 + ESSENTIAL SOMETIMES OR HIGHLY RECOMMENDED

COMMODITY INFORMATION

*COMMODITIES PRESENT C10 <C, U, V, A, G, S, B, P, S, B, I, R, N, I, T, E, A, N, O, C, H, A, L, C, P, Y, R, I, T, E, I, N, N, E, A, R, B, Y, J, U, S, T, M, I, N, E, >
 *ORE MINERALS C30 <G, A, L, E, N, A, P, Y, R, I, T, E, B, I, R, N, I, T, E, A, N, O, C, H, A, L, C, P, Y, R, I, T, E, I, N, N, E, A, R, B, Y, J, U, S, T, M, I, N, E, >
 COMMODITY SUBTYPES C41 <>
 *GEN. ANALYTICAL DATA C43 <>
 COM. INFO. COMMENTS C50 <>

*SIGNIFICANCE

	PRODUCER	NON-PRODUCER
MAJOR PRODUCTS	MAJOR <A, U, V, A, G, S, B, P, S, B, I, R, N, I, T, E, A, N, O, C, H, A, L, C, P, Y, R, I, T, E, I, N, N, E, A, R, B, Y, J, U, S, T, M, I, N, E, >	MAIN COMMODITIES PRESENT C11 <>
MINOR PRODUCTS	MINOR <A, G, S, B, P, S, B, I, R, N, I, T, E, A, N, O, C, H, A, L, C, P, Y, R, I, T, E, I, N, N, E, A, R, B, Y, J, U, S, T, M, I, N, E, >	MINOR COMMODITIES PRESENT C12 <>
POTENTIAL PRODUCTS	POTEN <>	OCCURRENCES
OCCURRENCES	OCCUR <>	OCCUR <>

*PRODUCTION

PRODUCTION <YES (circle)>	PRODUCTION SIZE <S, M, L, M, E, D, L, G, E (circle one)>	NON-PRODUCER
		PRODUCTION <UND NO (circle one)>

*STATUS

EXPLORATION OR DEVELOPMENT

PRODUCER	NON-PRODUCER
STATUS AND ACTIVITY A20 <4>	STATUS AND ACTIVITY A20 <4>

*DISCOVERER L20 <>
 *YEAR OF DISCOVERY L10 <> *NATURE OF DISCOVERY L30 *YEAR OF FIRST PRODUCTION L40 <1907> *YEAR OF LAST PRODUCTION L45 <1934>
 *PRESENT/LAST OWNER A12 <CENTRAL MINING AND DEVELOPMENT CO. (1908-1912)>
 *PRESENT/LAST OPERATOR A13 <CENTRAL MINING AND DEVELOPMENT CO. (1906-1908), FRANK HUBBELL (1934)>
 *EXPL./DEV.COMMENTS L110 <9 PATENTED CLAIMS>

DESCRIPTION OF DEPOSIT

*DEPOSIT TYPE(S) C40 <VEIN / METASOMATIC>
 *DEPOSIT FORM/SHAPE M10 <TABULAR>
 *DEPTH TO TOP M20 <> *UNITS M21 <> *MAXIMUM LENGTH M40 <4000> *UNITS M41 <FT>
 *DEPTH TO BOTTOM M30 <> *UNITS M31 <> *MAXIMUM WIDTH M50 <9> *UNITS M51 <FT>
 *DEPOSIT SIZE M15 <SMALL> M15 <MEDIUM> M15 <LARGE> (circle one) *MAXIMUM THICKNESS M60 <> *UNITS M61 <>
 *STRIKE M70 <N 75 TO 80 E> *DIP M80 <>
 *DIRECTION OF PLUNGE M100 <> *PLUNGE M90 <>
 *DEP. DESC. COMMENTS M110 <4 NEARLY PARALLEL VEINS AND ONE CROSS VEIN. METASOMATIC REPLACEMENT OF VOLCANIC ROCK AND VOLCANIC SEDIMENTS BY ORE MINERALS>

DESCRIPTION OF WORKINGS

*Workings are: SURFACE M120 UNDERGROUND <M130> BOTH M140 (circle one)
 *DEPTH BELOW SURFACE M160 <260> *UNITS M161 <FT> *OVERALL LENGTH M190 <> *UNITS M191 <>
 *LENGTH OF WORKINGS M170 <400> *UNITS M171 <FT> *OVERALL WIDTH M200 <> *UNITS M201 <>
 *DESC. OF WORK. COM. M220 <1 SHAFT WITH 2 100-FT CROSSCUTS OFF IT, TUNNEL 400 FT LONG WITH 90 FT WINZE OFF IT, ALONG WITH SEVERAL SHALLOW PITS. MINE ALSO HAS SHAFTS OF 21 FT, 38 FT, 50 FT, 153 FT AND 184 FT OF DEPTH.>

GEOLOGY

*AGE OF HOST ROCK(S) K1 <CRET.-PALEO.E.>
 *HOST ROCK TYPE(S) K1A <ANDESITE, QUARTZ DIORITE>
 *AGE OF IGNEOUS ROCK(S) K2 <CRET.-PALEO.E. G3 MY, QUARTZ DIORITE, CREASY AND KISTLER, 1962>
 *IGNEOUS ROCK TYPE(S) K2A <DIORITE PORPHYRY-QUARTZ DIORITE, ANDESITE>
 *AGE OF MINERALIZATION K3 <PALEO. E, CENY>
 *PERT. MINERALS (NOT ORE) K4 <QUARTZ, BARITE, CALCITE>
 *ORE CONTROL/LOCUS K5 <>
 *MAJ. REG. TRENDS/STRUCT. N5 <NE TRENDING QUARTZ DIORITE INTRUSIONS, ANDESITE STRIKES NW DIPS 12 NE>
 *TECTONIC SETTING N15 <>
 *SIGNIFICANT LOCAL STRUCT. N70 <>
 *SIGNIFICANT ALTERATION N75 <>
 *PROCESS OF CONC./ENRICH. N80 <>
 *FORMATION AGE N30 <>
 *FORMATION NAME N30A <>
 *SECOND FM AGE N35 <>
 *SECOND FM NAME N35A <>
 *IGNEOUS UNIT AGE N50 <>
 *IGNEOUS UNIT NAME N50A <>
 *SECOND IG. UNIT AGE N55 <>
 *SECOND IG. UNIT NAME N55A <>
 *GEOLOGY COMMENTS N85 <RELATED IN AGE AND TYPE OF MINERALIZATION TO CHRISTMAS MINE, 3 MILES NW IN GILA COUNTY>

GENERAL COMMENTS

GENERAL COMMENTS GEN <>