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

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Arizona Department of Mines and Mineral Resources Mining Collection

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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: NEWSBOY

ALTERNATE NAMES:
- GRANDE GROUP
- CHAS. BLACK CLAIMS
- GNOME DEVELOPMENT

MARICOPA COUNTY MILS NUMBER: 226A

LOCATION: TOWNSHIP 6 N RANGE 4 W SECTION 22 QUARTER NW
LATITUDE: N 33DEG 50MIN 51SEC LONGITUDE: W 112DEG 40MIN 00SEC
TOPO MAP NAME: WICKENBURG SW - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
- SILVER
- GOLD LODE
- SILICON
- MANGANESE OXIDE

BIBLIOGRAPHY:

- ADMMR NEWSBOY FILE
- USBM RI 4097, 1947 & RI 4077, 1947
- ADMMR "U" FILE, MARICOPA AU5
- AZBM BULL. 180, P. 260
- MAPS IN FLAT CAB 546-3, SCANNED 9/2008
- AGS 1990 FALL FIELD TRIP GUIDE
- BLM DRAFT EA NO. AZ-026-92-39, JULY, 1992
- BLM MINING PLAN OPERATIONS, 11/1992, VOL. 1&2

PRINTED: 04/17/2002

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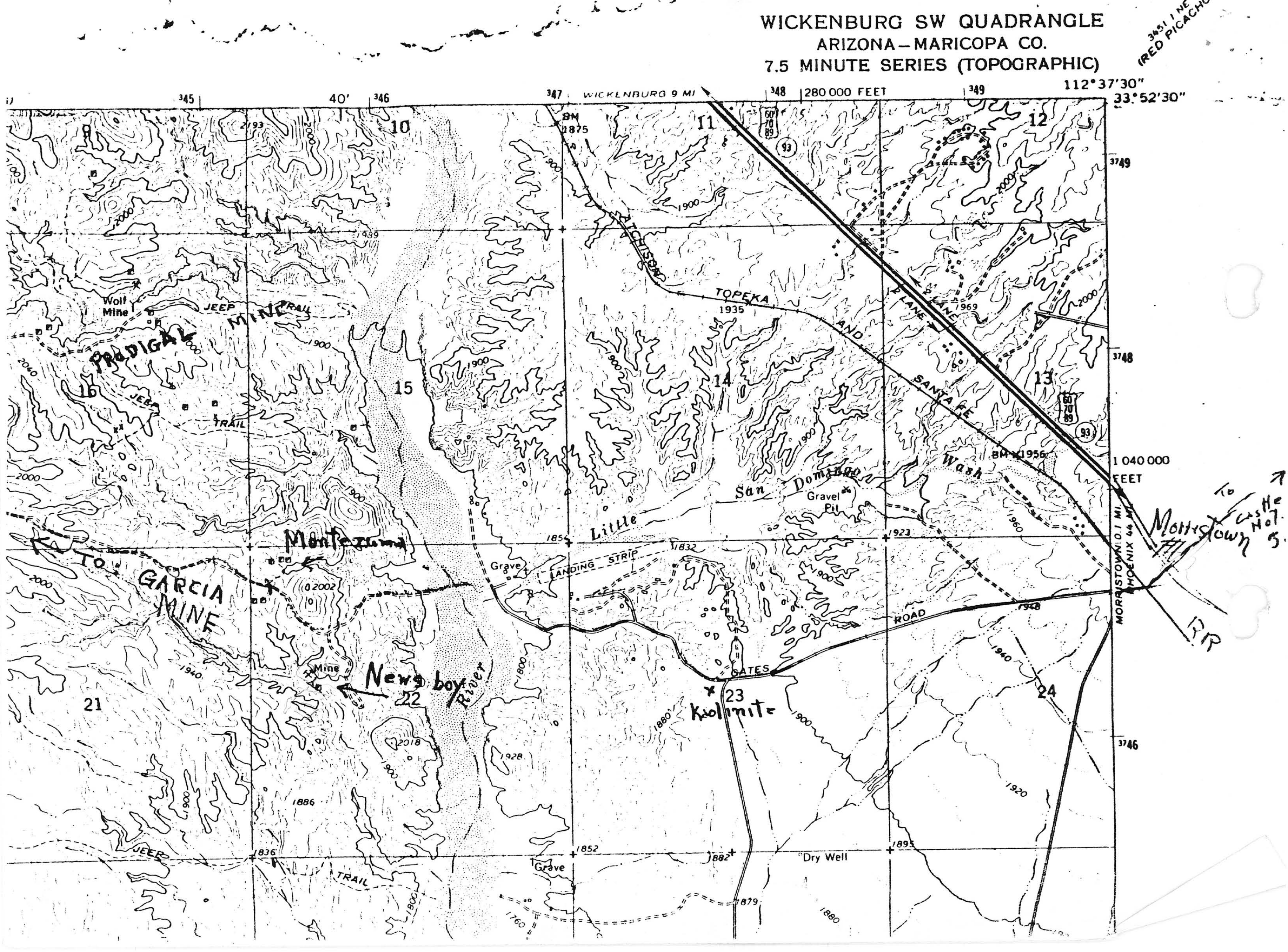
- AGS 1990 FALL FIELD TRIP GUIDE
- BLM DRAFT EA NO. AZ-026-92-39, JULY, 1992
- BLM MINING PLAN OPERATIONS, 11/1992, VOL. 1&2



WICKENBURG SW QUADRANGLE
ARIZONA—MARICOPA CO.
7.5 MINUTE SERIES (TOPOGRAPHIC)
3451 I NE (RED PICACHO)
112°37'30"
33°52'30"
WICKENBURG 9 MI
280 000 FEET
1 040 000 FEET
MORRISTOWN 0.1 MI.
PHOENIX 44 MI
ATCHISON
TOPEKA
AND
SANTA FE
2 LANE
Little San Domingo Wash
Gravel Pit
LANDING STRIP
ROAD
GATES
Dry Well
Grave
Wolf Mine
JEEP TRAIL
Mine
PRODIGAL MINE
Montezuma
TO GARCIA MINE
Newsboy
River
Kaolinite
Morristown
To Castle Hot S.
RR

USGS MROS
FROM: DDS 20
PRINTED 8/10/98

RECNO	TC00057
REC_TYPE	S
USER_FIELD	*U94/6
REP_DATE	82 06
FIL_LINK	USBM 004 013 0462; CIMRI
REP	ROTH, FRANCES A. (GEST, DON E.)
REP_AFF	ABGMT
SYN	PITT MINE, G.W. MINING AND MINERALS CO., CHARLES BLACK CLAIMS, GNOME DEVELOPMENT, GRANDE GROUP, NEWSBOY GROUP
DIST	VULTURE DISTRICT
COUNTY	MARICOPA
STATE_CODE	AZ
CTRY_CODE	US
PHYS	12 BASIN AND RANGE
DRAIN	15070103
LAND_ST	49
ELEV	1860 FT
ACC	ACC
TOWNSHIP	006N
RANGE	004W
SECTION	22
SECT_FRACT	SE SW NW
MERIDIAN	GILA AND SALT RIVER
POSITION	4 MILES WEST OF MORRISTOWN; 1.4 MILES NORTH OF RED CLIFF. ABOUT 0.5 MILE WEST OF HASYAMPA RIVER.
LOCATION	WEST SIDE OF AGUA FRIA RIVER; SOUTHEAST OF THE MONTAZUMA MINE. THE DEPOSIT IS REACHED BY LEAVING ROUTE 60 AT MORRISTOWN AND DRIVING TWO MILES SW ON THE UNPAVED GATES ROAD TO THE E BANK OF THE HASSAYAMMPA RIVER. FINAL ACCESS TO THE PROPERTY IS VIA A TRACK ACROSS THE USUALLY-DRY BED OF THE RIVER. THE CENTER OF THE DRILL-DEFINED ORE BODY IS LOCATED APPROXIMATELY 1500 FEET BEYOND A CATTLE GUARD AT THE WEST BANK OF THE RIVER. ; INFO FROM LAND.ST :(1979)
SITE	NEWSBOY MINE
LAT	33.8483
LONG	-112.6689
CTRY_NAME	UNITED STATES
COMMOD	AU AG CU QTZ V MN ZN PB
ORE_MAT	GOLD, WULFENITE, VANADINITE, CERUSSITE, ANGLESITE, (SILVER MINERALS NOT READILY VISIBLE)
COM_USE	POSSIBLE USE AS PRECIOUS METAL BEARING SILICA FLUX
MAJOR	AU
MINOR	AG CU
CLH_USE	94/09/12
TRACE	QTZ V MN ZN PB
PROD	S
LOC_STRUCT	FAULTS
STATUS	6
YR_DISC	1868
YRLST_PROD	1942
OWNER	G.W. MINING AND MINERALS CO. (CHARLES BLACK, FRED PLUMMER, JERRY MILLS, 1975)
OPER	G.W. MINING AND MINERALS CO. (1975); CHECKMATE RESOURCES (1987); WESTMONT MINING COMPANY (1990); WOUNDED BULL RESOURCES (1991)
EXPL_COM	CONSISTS OF 23 CLAIMS (UNPATENTED); OWNED IN 1940'S THROUGH 1960'S BY M.D. PITT; OPERATORS INCLUDE H.K. THOMAS, F.G. PEARSON, RHET DAWN, DAVID STRONG, E.S. CHAFEY, GEORGE DILLARD, F.G. MITTE; CONTROLLED AT SOME TIME BY THE GNOME DEVELOPMENT CO. GOLD IS CONCENTRATED IN SILICIFIED ROCKS

	ALONG AND FOR SEVERAL TENS OF FEET ABOVE THE BASAL FAULT. DRILL-HOLE ASSAYS CLEARLY INDICATE THAT THE ANOMALOUS GOLD CONCENTRATIONS EXTEND LOCALLY DOWNWARD INTO THE FOOTWALL PROTEROZOIC ROCKS. 1991 - PERMITTING, A FEASIBILITY STUDY, AN ORE RESERVE AUDIT, AND DETAILED METALLURGICAL TESTING IN PROGRESS.
DEP_TYPE	VEIN/SHEAR ZONE
DEP_FORM	SEAMS, TABULAR
MAX_LEN	1000.
M_L_U	FT
MAX_WID	200.
M_W_U	FT
DEP_SIZE	S
STRIKE	N60E
DIP	40-60 NE
DDESC_COM	ORE IS IN BRECCIATED RHYOLITE ABOVE SCHIST FOOTWALL.
QUAD250	PHOENIX
DEPTH_WK	200
D_W_U	FT
LEN_WK	1400
L_W_U	FT
DWORK_COM	WORKINGS INCLUDE OPEN PIT, A 480 FOOT ADIT, A 110 FOOT ADIT, A 200 FOOT DEEP INCLINED SHAFT WITH 500 FEET OF DRIFTING AT THE BOTTOM, SEVERAL SMALLER SHAFTS (45 FT, 22 FT, 40 FT)
MIN_AGE	MIO?
NORE_MINS	QUARTZ, MANGANIFEROUS CALCITE, IRON OXIDES, KAOLINITE
ORE_CNTL	ORE IS IN BRECCIATED RHYOLITE ABOVE SCHIST FOOTWALL; FAULTS
TECT_SET	BASIN AND RANGE
REG_STRUCT	TERT VOLCANIC ROCKS OVERLIE PREC SCHIST. VOLCANIC ROCKS TREND NW, DIP NE
ALTER	ALTERATION ASSEMBLAGES INCLUDE QUARTZ-KAOLINITE-ALUNI TE, KAOLINITE-IRON OXIDE, AND SILICA.
HRU_AGE	|
HRU_NAME	|
CONT_CODE	NA
GEOL_COM	ALKALI RHYOTITES IN RANGE HAVE BEEN DATED AT 16-25 M.Y., SO MINERALIZATION AGE AND AGE OF RHYOLITE ARE PROBABLY MIOCENE. NO DETAILED GEOLOGIC MAP OF AREA.
GEN_COM	PIT FOR KAOLIN IS ADJACENT TO EAST OF SILVER WORKINGS. PRE-TERTIARY BEDROCK IN THE VULTURE MOUNTAINS CONSISTS OF PROTEROZOIC CRYSTALLINE ROCKS THAT ARE INTRUDED BY CRETACEOUS GRANITOIDS. THESE ROCKS ARE INTRUDED BY TERTIARY DIKES AND OVERLAIN BY EARLY TO MIDDLE MIOCENE SEDIMENTARY AND VOLCANIC ROCKS. THE VULTURE MOUNTAINS HAVE BEEN AFFECTED BY SEVERE MIOCENE EXTENSION, AND MIDDLE MIOCENE AND OLDER ROCKS ARE TYPICALLY CUT BY SOUTHWEST-DIPPING NORMAL FAULTS AND TILTED MODERATELY TO STEEPLY TO THE EAST OR NORTHEAST. ; INFO.SRC : 1 PUB LIT; 2 UNPUB REPT
REF	ABGMT CLIPPINGS FILE|ABGMT - USBM FILE DATA|ADMR FILE DATA (NEWSBOY AND G.W. MINING AND MINERALS CO.)|REHRIG, W.A., SHAFIQUIILLAH, M., AND DAMON, P.E., 1980, GEOCHRONOLOGY, GEOLOGY, AND LISTRIC FAULTING OF THE VULTURE MOUNTAINS, MARICOPA COUNTY: ARIZONA GEOLOGICAL SOCIETY DIGEST, V. 12, P. 89-110.|REYNOLDS, S.J., ED., 1990, FIELD GUIDE TO THE NEW WADDELL DAM SITE, VULTURE-HIEROGLYPHIC MOUNTAINS AREA, AND MYSTIC, CLEMONTINE, NEWSBOY, AND YARNELL GOLD DEPOSITS, CENTRAL ARIZONA: ARIZONA GEOLOGICAL SOCIETY FIELD TRIP, DECEMBER 8 AND 9, 1990.|THE MINING RECORD, 1991, FEASIBILITY STUDY ON NEWSBOY GOLD MINE NEARS COMPLETION: THE MINING RECORD, FEBRUARY 20, 1991, P. 51.|NIEMUTH, N.J., 1987,

	ARIZONA MINERAL DEVELOPMENT 1984-1986: ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES DIRECTORY 29, 46 P.|PHILLIPS, K.A., 1987, ARIZONA INDUSTRIAL MINERALS: ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES MINERAL REPORT 4, 185 P.|SAWYER, M.B., GURMENDI, A.C., DALEY, M.R., AND HOWELL, S.B., 1992, PRINCIPAL DEPOSITS OF STRATEGIC AND CRITICAL MINERALS IN ARIZONA: UNITED STATES BUREAU OF MINES SPECIAL PUBLICATION, 334 P.
CONT_NAME	NORTH AMERICA
STATE_NAME	ARIZONA
WORK_TYPE	B
CP_ITEM	ORE
CP_ACC	ACC
CP_AMT	11.066
CP_U	T
CP_YEAR	1940-1942
CP_GRADE	UNKNOWN GRADE
AP_SOURCE	AZGS FILES
AP_COM	HIGHGRADE ORE OF UNKNOWN GRADE AND QUANTITY WAS MINED IN THE EARLY YEARS OF THE PROPERTY (1914-1940).
RPR_ITEM	ORE|ORE|ORE-PROB
RPR_ACC	EST|EST|EST
RPR_AMT	30.|60.|1000.
RPR_U	ST|ST|ST
RPR_YEAR	1984|1984|1989
RPR_GRADE	0.05-0.06 TOZ AU/ST|UNSPECIFIED|0.045 TOZ AU/ST, INDETERMINATE AG
RPR_SOURCE	SAWYER AND OTHERS, 1992.
R_ITEM	ORE-AU
R_ACC	ACC
R_AMT	30.
R_U	ST
R_YEAR	1986
R_GRADE	0.03 OZ AU/ST, 4.5 OZ AG/ST
R_SOURCE	NIEMUTH, 1987.
R_COM	THE REPORTED FIGURE IS FOR DRILLED RESERVES-- A LARGER RESOURCE OF LOWER GRADE MATERIAL EXISTS. THE DEPOSIT HAS BEEN ESTIMATED BY REYNOLDS IN 1990 TO CONTAIN 2 TO 5 MILLION TONS OF ORE AT A GRADE OF 0.04 OZ/T AU.
PR_ITEM	AU|ORE
PR_ACC	EST|EST
PR_AMT	250|5410.
PR_U	OZ|MT
PR_YEAR	1991|1990
PR_GRADE	UNKNOWN GRADE|1.4 G/T AU
PR_SOURCE	THE MINING RECORD, 1991.
PR_COM	CUTOFF AT 0.6 G/T AU.
ECON_COM	STRIPPPING RATIO 2:1, 25% RECOVERY OF AG, 90% RECOVERY OF AU, CUTOFF GRADE 0.028-0.03 OZ/T. TESTS SHOWED RECOVERIES RANGING FROM 79% TO 87% AT -100 MESH. CYANIDE CONSUMPTIONS RANGED FROM 0.05 TO 0.33 KGS/T OF ORE.
UPD_DATE	89 06; 92 08
UPDATER	BOLM, KAREN S.; ORRIS, GRETA J.
COMMOD_TYP	B
QUAD24	WICKENBURG SW (1965)
DATE_ISSUE	95/5/18
UPD_AFF	USGS; USGS
PROF_ID	100
PROF_LOC	100
PF_COMMOD	100

PROF_EXPL 75
PFDESC_DEP 50
PFDESC_WRK 100
PROF_GEOL 71
PROF_REF 100
PPROD_RESV 80
PROF_ALL 86
HR_AGE_MV PREC|MIO ?
HR_TYPE_MV SCHIST|RHYOLITE PORPHYRY
HR_NUMBER 1|2
AR_AGE_MV TERT
AR_TYPE_MV RHYOLITE PORPHYRY, DIABASE DIKES
AR_NUMBER 1
DEP_CODE 11200
HUC 15070102

VIS9.15

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

VERBAL INFORMATION SUMMARY

1. Information from: **Sandi Otten**

2. Address: **Newsboy Gold Mining Co.**
P. O. Box 20489, Wickenburg, Az 85350

CLOVERLEAF IS SUBSIDIARY OF WOUNDED BULL RES.

3. Phone: **(602) 684-2819**

CALLED PIMA MINING AFTER MAY 91

4. Mine or property name: **Newsboy Mine**

5. ADMMR Mine file:

6. County: **Maricopa**

7. MILS number:

8. Operational Status: **Permitting process**

9. Summary of information received, comments, etc.:
AUR has dropped their joint venture with Westmont and Westmont has entered a joint venture or leased the property to Cloverleaf Gold of Tucson and Reno. Cloverleaf was previously Pangea Mining.

Cloverleaf's Newsboy Gold Mining Company (address above) is in the process of obtaining permits to put the Newsboy mine into operation. Sandi Otten was collecting information on tax rates and permits. She believed they are planning a heap leach operation but admitted that was not part of her area of knowledge.

Date: **Sept. 6, 1990** **Ken A. Phillips**

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

VERBAL INFORMATION SUMMARY

1. Mine file: 1. NEWSBOY 2. MONTEZUMA (4 sale)
2. Mine name if different from above:
3. County: Maricopa
4. Information from: Gary Parkinson

   Company: Westmont Mining Inc.

   Address: 2341 S. Friebus

   Tucson, AZ 85713

   Phone: 881-8871

5. Summary of information received, comments, etc.:

Westmont's exploration has identified 1.5 million tons of .045 ounce per ton gold open pittable resource using a .03 cutoff grade. Preliminary metallurgical tests indicate recovery by cyanide at -100 mesh is ok, but that at a 1" crush the recovery is only about 30%. Thus the resource does not appear amenable to heap leaching and the grade is low to support a milling operation. Even though the deposit is still open and could be made significantly larger, the metallurgical test have convinced Westmont to sell their interests. The Mills still own the core claim position. A summary sheet will be provided by Westmont for our files.

Date: December 4, 1988

Nyal J. Niemuth, Mining Engineer

FVDS.01

Department of Mines and Mineral Resources

MINE AND PROSPECT FIELD VISIT DATA SUMMARY

Sheet 1 of 2

COMMODITIES: **Gold, Silver, Manganese**

MILS ID No.: **Maricopa 226A** DATE: **3-23-89**

ENGINEER: **Ken Phillips and Nyal Niemuth**

INFORMATION FROM: **Field visit on above date**

PROPERTY SUMMARY

I. MINE NAME: **Newsboy** OTHER POSSIBLE NAMES INCL. ANY CLAIM NAMES NOTED:

II. LOCATION: SEC(S): MINE DISTRICT

ELEV.: COUNTY TOPO QUAD.

DIRECTIONS:

MAP ATTACHED

III. OWNERSHIP: NAME PHONE:

ADDRESS:

COMPANY NAME IF ANY:

PERTINENT PEOPLE:

IV. PROPERTY AND HOLDINGS:

V. PAST PRODUCTION-NOTED, KNOWN, PROBABLE, UNKNOWN, NONE: **Noted**

VI. CURRENT STATUS: **Exploration, geologic reserve established**

VII. WORKINGS: **Various old shafts, most partially caved; one drift open. Partial open pit mine developed (by NorQuest), one leach pad prepared.**

VIII GEOLOGY AND MINERALOGY: DEPOSIT TYPE:

LENGTH: WIDTH VEIN STRIKE **NE** DIP **E**

HOST ROCK:

ECONOMIC MINERALS:

COMMENTS:

IX. EQUIPMENT ON SIGHT: **None**

X. SAMPLING: NOTE TYPE IF ANY, DRILLING?

XI. REFERENCES AND REMARKS:

Group have taken over and are going to drill

Mar. 1965

J. E. Ditrich says they are drilling this property

4-2-65

USBM "U" File Reports VANADIUM "NONE"

REPORT ON THE GRANDE GROUP OF MINING CLAIMS.

Mr. M. D. Pitt,
Phoenix, Arizona.

Dear Sir:

Having visited and made a very careful preliminary examination of the above named mines, I find pleasure in submitting herewith my report.

Locality

This property, comprising 16 lode claims each 600 feet in width by 1500 feet in length, is situated on the Hassayampa River in the Vulture Mining District, Maricopa County, Arizona, and lies about two-and-a-half miles west of Hot Springs Junction, a station on the Snta Fe Railroad, and 44 miles northwest of Phoenix.

General Statement

The majority of claim area is situated along the gently sloping hills to the west, at elevations varying from 100 to 200 feet above the river and approximately 1500 feet above sea level. On account of the comparative low elevation of the claims above the river, it may readily be inferred that the most feasible method of mine development and operation must be by vertical shafts and shallow adit level---the ore being hoisted, or lowered, to the adit, may be conveyed by tram cars to the proposed reduction plant at some c convenient point (not yet decided upon) above the river.

Up to the present time only tentative investigation of the metallurgical properties of these ores have been undertaken by me; but owing to the high state of oxidation of all present accessible vadose deposits of the property, it is quite obvious that no difficult problem will be encountered in developing some very simple and economic process of reduction. If, however, subsequent exploration of the deeper levels should disclose lead sulphides, (which is quite probable) or other argentiferous and auriferous sulphide ores in sufficient quantities to warrant the installation of a smelter, no better location from point of vantage could be selected for such a plant. The ores, as far as development has gone, are believed in most instances to be self fluxing, I. e., containing the gangue minerals, silica, lime and iron oxide in the right proportions to form the idealistic 3x3$\frac{1}{2}$ slag. Large quantities of silisious limestones and segregated masses of iron oxides abound throughout the property. There is a sufficiency of small timber on the claims and surrounding country to afford fuel for all domestic purposes.

Mining Geology

The fundamental rock formation of this district is a dark grayish schist stricking generally to the northwest and dipping on varied angles to the east. This formation I have correlated with the characteristic Cambrian schists of West-Central Arizona. Lying unconformanly against this and forming a well defined line of contact striking N. 60 deg. E. (Mag.) and dipping N. E. on angles of 45 deg. to 60 deg., occurs a darkish highly silicious dolimitic limestone rock. This latter formation (of probable Lower Silurian age) has been much distorted by latter intrusions and overflows of Tertiary rhyolites.

The rhyolitic rocks constitute the more prevalent formation of the eastern portion of the claims, while the schist rock intruded by diabese andesite and rhyolitic dikes comprise the area west of the above mentioned line of contact of unconformable rock formations.

The geology as especially esposed in this immediate vicinity, it will be seen, is exceedingly complicated---a correct diagnosis of which would require vastly more time than the few days allowed in which to make the present preliminary examination. Future mine developments may be expected to reveal new and more accurate data than it were possible to collect under present circumstances.

It is, however, clear and I think beyond question, that the more important ore bodies lie now and will in the future be found to occur along the contact vein from the S. E. end line of Grande No. 1 claim to the N. W. of Grande No. 3 claim. At or near these two points the vein has been rendered obscure through faulting and subsequent covering by more recent flows of rhyolitic rocks. Near the N. W. side line of the Arizona No. 1 claim the evidence of faulting is quite obvious. Here the highly productive lode of the Montezuma mine has been heaved out of its true course some 300 feet to the north. This latter named lode, upon close inspection, was found to show most potent evidence of formerly being the continuation of the Grande contact fissure.

Present Mine Development and Assay Values

Present development of the property has thus far been of an explanatory nature, and confined principally to the contact zone of the Grande No. 1 and No. 3 claims. At a point on the Grande No. 1 claim, designated as "85-ft. tunnel," an ore body replacing limestone has been crosscutted for a distance of 85 feet. This was carefully sampled by me and the samples were assayed for gold, silver and lead by John Herman, assayer and chemist, of No. 339 South Los Angeles Street, Los Angeles, Cal. The first 45 feet from mouth of tunnel gave: Silver, $6.37; Gold, $0.83; Lead, nu button. The second 40 feet from mouth gave : Silver, $7.80; Gold, $1.24; Lead, none. Hence, average for the entire 85 feet of this ore body is $8.12. I have been informed by the management that several other samplings of this crosscut had been made by various mining men with almost identical results. At the east end of the same claim there is an incline working known as the Miller shaft, 60 feet deep. Here another sample was selected near the top, which gave low gold value. Some very good ore, however, has been reported as taken from this shaft. In every instance where samples were procured from the various vein outcroppings and mineralized decomposed dikes by testing, appreciable gold values were found to be present.

Recommendations

In order to develop and operate this property in an efficient and mines-like fashion I would recommend the sinking of a double compartment vertical shaft at a point of the Grande No. 1 claim. This shaft, assuming the angle of contact fissure to continue on the uniform dip angle of 70 deg., should intersect the schist formation at the 730-foot level.

After selecting the mill site, the adit level should be driven from the surface to connect with the shaft. This would afford an easy conduit for the ore to the proposed reduction plant on the river. As the shaft sinking progresses, cross cuts should be made at each 100 ft. points, as shown, and the ore drifted upon in opposite directions and systematically sampled. If let by contract, I estimate to sink this shaft to the 730-foot level, should not cost over $25,000. For driving the 1200 foot adit, I would place the cost of this at $7.00 per linear foot, or at a total of $8,400.00. The present time I consider rather premature for attempting to form reliable estimates of ore reserves and costs of extraction and reduction.

In concluding these recommendatory remarks, I would advise that immediate steps be taken to construct upon the property an experimental plant in view of determining the most economic metallurgical process of treating the large body of oxidized ores at present available. I am of the opinion, however, that these ores will be found amenable to the Cyanide process of treatment and that said experimental plant could be made to form the first unit of a subsequental enlarged works.

General Conclusions

In concluding this report the following recapitulatory statements are considered inevitable.

1st. The property comprises a well defined contact vein some 2000 feet in length, and at one point this zone of contact has been crosscutted showing a width of fully 85 feet of oxidized ore that averages $8.12 per ton in silver and gold.

2nd. That this ore body will extend in depth and become further enriched upon meeting the sulphide zone, is my opinion.

3rd. I believe present indications fully warrant that the plan of development and operation as outlined in this report should be carried out as soon as possible.

4th. It is my opinion that these present accessible oxidized ores, which occur as limestone replacement deposits, should at an early date, be thoroughly tested by the Cyanide process, to which treatment I think this ore will be found amenable. In which event I would advise the erection of a cyanide mill of a capacity commensurate with the quantity of ore now available or in sight at time of its completion.

5th. It is my final conclusion that this property with the initial expenditure of from $75,000.00 to $100,000.00 in development and equipage could, if placed under competent management and skilled superintendency, be made to pay handsome dividends on all capital invested.

Respectfully submitted,

(Signed) G. W. Miller, E. M.

Mining Engineer and Geologist.

Los Angeles, Cal., Jan. 2, 1920.

Subsequently known as "Newsboy Group" owned by M. da Pitt

AGREEMENT TO PURCHASE "GRANDEY MINING PROPERTY"-

This agreement made and entered into this twentieth day of August, A.D. 1915, by and between Joe Komberec, J.A. Miller, of Wickenburg, Maricopa County, Arizona, and Frank Obermuller, of Phoenix, Maricopa County, Arizona, all of the state of Arizona, who are the parties of the first part, and A.L.Flagg, of Kelvin, Arizona, County of Pinal, State of Arizona, who is the party of the second part.

WITNESSETH: That, for in consideration tha sum of one dollar in hand paid to the parties of the first part, by the party of the second part, the receipt of which is hereby acknowledged, said parties of the first part, have agreed, and by these presents do agree, to grant unto the said party of the second part, the option to purchase from the said parties of the first part, the following described mining claims, situated in the "Vulture Mining District", Maricopa County, State of Arizona, to WIT:

All of the claims known as the "Grandey" NO.1 Mining Claim, notice of location whereof is of record in Book 22 of Mines, at pages 245 and 246, records of Maricopa County, Phoenix, Arizona; Grandey NO.2 Mining Claim, notice of location whereof is of record in Book 22 of Mines, page 261, records of aforesaid; Grandey NO.3 Mining Claim, notice of location whereof is of record in Book 22 of Mines, page 262, records of aforesaid; Grandey NO.4 Mining Claim, notice of location whereof is of record in Book 22 of Mines, page 308, Records of aforesaid; and Grandey NO.5 Mining Claim, notice of location whereof is of record in Book 22 of Mines, page 309, records of aforesaid.

The party of the second part may assign this agreement, and his assigns shall have the same rights here-by vested in the said party of the second part, subject to the conditions herein contained, ~~and also to such other conditions as may be imposed by the said party of the second part, or his assigns.~~

Upon the compliance by the said party of the second part, his heirs, or assigns, with the condition hereinafter contained to be performed by him, and upon payment of the purchase price, in the amounts, and the times hereinafter specified, the parties of the first part, will grant, sell, and convey to the said party of the second part, all of their interest in the "Grandey Mining Claims" previously(described).

The party of the first part, grants to the party of the second part, sixty days in which to make an examination of the aforesaid Mining Claims, and option to purchase same under the following conditions, which hereinafter shall be designated as A.B.and C.

A. The total purchase price for said Mining Claims shall be seventy-five thousand ($75,000)dollars payable as follows, to WIT: Three thousand($3,000.)dollars on Oct., 20th, 1915. Ten thousand ($10,000.)dollars on or before Oct., 20th, 1916. Ten thousand ($10,000.)dollars on or before April 20th, 1917; and the balance Fifty-two thousand

($52,000.)dollars on or before October 20th,1917. During the life of this option,dating from October 20th,1915, party of the second part,agrees to pay parties of the the first part, Three hundred ($300.)dollars monthly until all payments are made, and said payments shall be deducted from the final payments.

B. The total purchase price for said Mining Claims, shall be Seventy-five thousand ($75,000.)dollars payable as follows to WIT: Five thousand ($5,000.) dollars on or before October 20th,1915. Ten thousand ($10,000.)dollars on or before October 20th, 1916, Thirty thousand (30,000.)dollars on or before April 20th, 1917, and the balance Thirty thousand ($30,000.)dollars on or before ~~A~~OCT.20th, 1917.

C. It is further agreed that should the party of the second part desire to pay cash, the price shall be Thirty thousand ($30,000.)dollars, the said sum becoming due October 20th, 1915.

Concurrently with said option to purchase, the said parties of the first part herein, shall acknowledge their granting, selling and conveying, the above described Mininig Property, unto the said party of the second part, his heirs, assigns, and successors, and deposit in said Phoenix National Bank as an escrow, with instructions to said Bank to deliver escrow deed to said party of the second part, upon the payment of the total purchase price, in sums as aforesaid; but on failure to make payments as aforesaid, the deed shall be returned to the said parties of the first part herein.

It is further agreed, for and in consideration of the covenants and conditions herein named to be kept and performed by both parties hereto, that the terms and conditions hereof are binding upon heirs, administrators, and assigns of all parties hereto.

From and after the date of this option, the said second party, shall be entitled during the life of the option, to the sole and exclusive possesion of said Mining Property, with the right to develop, and mine at his descretion, the work to be done in a workmanlike manner. The party of the first part, reserves the right to enter all parts of the property for examinations of same, at ~~his~~ their descretion.

It is also mutually agreed that no ores shall be removed from said property except such samples in amount not to exceed ten (10)tons, as may be required for assaying, testing, or demonstrating purposes. Provided that consent is given for shipping of ores after second payment, should proposition "A"or "B", be made and accepted,when party of the second part, agrees to pay as royalxty fifteen per-cent upon the valued of the ores taken from said property and shipped, according to Smelter returns as shown by the Smelter, or ore purchasing Company's check therefor. Such royalty to be credited upon the agreed purchase price and applied upon the payments in the order in which they fall due.

The party of the second part, his heirs, or assigns, shall have no power to subject said Mining Claims to ~~MAXX~~ any ~~lien~~, for labor, or materiel, or any other lien, whatsoever, and shall protect the parties of the first part, from such liens, as may be charged against the property by the Arizona State laws, and provide for same by insuring for protection.

The said party of the first part, covenants and agrees with the said party of the second part, that they are the owners of the here-in above described Mining Property, and has a good and clear title thereto, and further covenants, and agrees to convey to the said party of the second part, said Property free and clear of all ~~in~~cumberances.

It is further agreed, for and in consideration of the covenants, and conditions herein named to be kept and performed by both parties hereto, that the terms and conditions hereof are binding upon heirs, administrators, and assigns of all parties hereto.

This being the essence of this contract, should the party of the second part, fail, or refuse to carry out any of the terms and conditions hereinabove stated, or to make the said deferred payments on or before the dates when they become due, this contract shall become null and void and of no further effect, and all sums of money payed to the parties of the first part, shall be retained by said parties of the first part, as liquidated damages for the use and occupancy of said Property, and as the consideration for which this instrument is executed, and the said party of the second part, shall forthwith deliver up to the parties of the first part, peaceful possession of said Property, and every part thereof, together with whatsoever improvments or equipments he may have caused to be done thereon.

It is also understood and agreed, that time is the essence of this agreement.

IN WITNESS WHEREOF: the parties hereto have set their hands, and seals, the day and year first above written.

WITNESS:

J. A. Tierney

Parties of the first part.

Frank Obermueller

Joe Kwinlerez

J. A. Tierney

Party of the second part.

A. L. Flagg

NEWSBOY GROUP SHIPMENTS, CLARKDALE SMELTER, 1940 - 1941 - 1942

Tons Dry Wt.	Oz.Au	Oz.Ag	% Cu	Insol	Sil.	Al	Iron	Lime	Pay per Ton
203.9105	0.04	5.91	0.13			10,1		10.1	4.17
100.772	0.06	10.23	0.30					11.4	9.15
102.287	0.04	7.85	0.16					11.6	5.54
173.6075	0.09	8.45	0.16					8.4	8.86
200.73	0.076	6.19	0.25					16.6	6.81
260.972	0.07	7.23	0.26					11.5	7.36
209.9415	0.066	5.50	0.18					9.4	6.00
211.86	0.06	5.76	0.13					9.4	6.00
155.1315	0.06	5.835	0.26					10.0	6.05
285.5850	0.0675	6.59	0.48					8.7	6.82
277.7905	0.095	13.395	0.19						12.51
288.6910	0.074	9.51	0.27					8.2	9.10
296.7035	0.0925	12.50	0.32						11.80
350.1785	0.07	8.45	0.46						8.22
428.2375	0.037	5.84	0.13					9.9	5.19
266.4765	0.0605	5.7795	0.35					13.6	6.02
171.6265	0.095	10.555	0.29					9.5	10.50
276.196	0.06	5.995	0.32					8.2	6.16
276.2225	0.06	9.305	0.23						8.50
168.4785	0.07	7.93	0.39						7.85
433.5395	0.06	5.33	0.22						5.69
324.369	0.04	4.36	0.32						4.28
269.466	0.044	5.31	0.29						5.07
220.1285	0.0545	7.165	0.28					11.3	6.81

Tot.Tons 5676,616 Av.OzAu 0.063 Av.Oz.Ag 7.54 Av.Val per ton $ 8.61

CLARKDALE SMELTER, 1942

59.574	0.044	8.075	0.05	67.40		2.80	3.2	11.3	7.02
59.350	0.037	8.085	0.037	67.80		2.40	3.1	11.9	6.78
49.660	0.035	5.405	0.04	68.40		2.00	2.9	11.1	4.83

Tot.Tons 168.584 Av.Oz Au 0.038 Ax.Oz Ag 7.19 Av.Val.per ton $7.44

RECAPITULATION:

Tot.Tons Dry Wt. 11066.069 Av.Value per ton $ 9.27 (1947 price schedules)

NEWSBOY GROUP SHIPMENTS, MAGMA SMELTER, 1940 - 1941

Tons Dry Wt	Oz.Au	Oz.Ag	% Cu	Insol.	Sil.	Al	Iron	Lime	Pay per T.
111.0685	0.10	7.20	0.37		74.20	4.40	3.70	6.30	8.0422
108.553	0.08	5.70	0.30		74.00	.59	7.60	5.90	6.3936
114.3825	0008	8.40	0.35		68.80	3.0	4.00	6.90	8.2019
105.9855	0.09	7.70	0.25		77.00	3.50	3.00	4.20	8.0551
104.8113	0.07	6.30	0.25		74.40	4.30	4.00	6.10	6.4734
114.9423	0.06	8.40	0.20		66.80	3.90	4.00	7.70	5.5487
56.316	0.06	11.50	0.50		68.60	0.40	3.40	8.10	9.8018
155.262	0.06	8.30	0.25		76.20	2.60	3.10	9.90	7.4909
104.833	0.06	8.70	0.20		66.60	1.60	3.20	9.80	7.7588
109.197	0.06	8.70	0.40		69.80	1.80	3.20	8.80	5.5074
59.3605	0.14	17.50	0.15		70.40	1.60	3.90	8.30	16.2286
51.6085	0.13	15.30	0.15		71.60	1.30	3.20	8.30	14.4332
111.3255	0.06	7.00	0.20		70.40	3.60	3.00	10.10	6.6203
56.747	0.04	6.30	0.15		70.20	2.80	3.20	6.00	5.5074
101.762	0.06	8.30	0.20		70.80	2.60	3.60	10.00	7.4909
55.1725	0.07	8.40	0.20		72.00	2.60	3.60	6.30	7.8799
99.792	0.12	10.70	0.22		73.40	2.40	3.40	7.40	11.0303
52.219	0.10	8.70	0.25		68.60	1.70	3.70	7.90	9.0468
108.2465	0.10	7.50	0.20		66.40	2.50	3.90	10.20	8.2431
55.8855	0.13	15.20	0.30		74.00	1.50	3.10	8.20	14.3662
43.1935	0.10	10.40	0.25		75.60	2.90	3.50	5.60	10.1854
113.177	0.10	11.20	0.20		75.00	1.40	3.90	6.60	10.7212
113.634	0.14	8.80	0.40		68.40	2.60	3.30	9.20	10.4018
102.4035	0.10	7.40	0.25		67.20	1.40	4.10	9.80	8.6762
120.118	0.08	7.00	0.26		65.40	2.20	4.00	8.90	7.2643
101.943	0.08	6.60	0.25		64.20	2.20	4.20	10.10	6.9964
52.0555	0.05	6.60	0.45		64.80	.90	4.60	7.90	8.1231
58.361	0.08	9.00	0.40		66.20	2.80	3.80	10.30	8.6038
102.7415	0.06	4.40	0.25		66.00	1.90	3.60	10.30	4.3789
110.682	0.07	6.80	0.40		70.40	1.30	4.20	7.50	6.8035
101.6805	0.07	6.50	0.40		73.20	1.50	4.00	5.80	6.6074
113.1635	0.09	9.40	0.25		73.60	3.90	3.60	7.50	9.1937
105.3585	0.09	11.40	0.30		74.20	1.50	3.60	7.80	10.5332
115.237	0.08	7.80	0.30		73.20	1.00	3.60	3.20	7.8001
115.0705	0.10	8.40	0.30		73.60	2.40	3.50	6.60	8.8459
121.525	0.12	12.10	0.30		75.00	2.00	4.00	6.20	11.9680

Tot.Tons 3425.985 Av.Oz.Au 0.085 Av,Oz.Ag 8.58 Av.Val.per ton $10.37

NEWSBOY GROUP SHIPMENTS, A S & R PLANT, HAYDEN 1940 - 1941

Tons Dry Wt.	Oz.Au	Oz.Ag	% Cu	Insol.	Sil.	Al.	Iron	Lime	Tot.Pay.Ton
103.877	0.06	8.12		85.1	81.6	2.8	2.8	3.8	$ 7.21
112.7815	0.03	5.70		77.0	71.4	2.8	3.0	8.7	4.56
147.1175	0.055	8.06		80.9	76.5	2.6	4.6	6.6	7.01
57.4795	0.072	11.75		75.3	71.2		3.2	10.6	10.05
151.666	0.085	11.95		74.1	71.3	2.0	3.0	9.4	10.60
109.969									10.93
52.480	0.035	4.35		77.2	72.6	3.8	5.3	11.0	3.79
104.356	0.041	10.10		75.0	72.1	2.0	3.0	9.8	7.96
104.657	0.09	8.70		72.7	69.5	2.0	3.1	10. 4	8.58
100.3365									3.74
92.8025	0.041	6.80		75.6	73.5	2.9	2.9	8.4	5.68
102.2375	0.065	10.15		75.3	75.0	1.9	3.0	10.0	8.77
100.228	0.065	9.60		74.1	70.3	1.4	3.7	9.2	8.39
107.9395	0.05	7.63		74.3	70.4	2.0	4.3	10.2	6.55
107.9795	0.048	5.70		72.6	72.1		2.8	9.3	5.14
170.9185	0.035	4.78		74.3	72.5	2.1	3.3	9.8	4.09
167.3965	0.085	9.70		74.0	72.6	3.0	3.6	9.1	9.11
112.995	0.073	9.10		75.5	73.8		3.3	10.3	8.30

Tot.Tons 2007.319 Av.Oz Au 0.057 Av.Oz.Ag 8.70 Av.Val.per ton $9. 50

NEWSBOY MARICOPA COUNTY

-Gustin

NJN WR 4/8/88: Larry Dietz (card) reported Michael Dustin, geologist for Westmont, (card) reported that Westmont is currently drilling at the Newsboy (file) Maricopa County, and that next week he will be moving the drill rig to drill at the Montezuma (file) Maricopa County, adjacent to the Newsboy.

NJN WR 7/22/88: Gary Parkinson (card) of Westmont Mining (card) reported that the total number of holes drilled at the Newsboy (file) Maricopa County is 24 from Checkmate Resources' past efforts and now +70 holes drilled by Westmont. Although all the results are not in, drilling indicates a large mineralized area of 30' - 100' thickness.

NEWSBOY MARICOPA COUNTY

KAP WR 7/12/85: A visit was made to the Newsboy Mine (Newsboy Group-file), Maricopa County. Extensive drilling and road building has taken place since the last visit. The hilltop labeled "Mine" on the Wickenburg SW 7.5' Az. quad has been encircled by numerous drill roads as has the hill just to the north (and north of the road). There has been extensive percussion on air track drilling on the property and could easily be in excess of 50 holes drilled and sampled. Splits of samples have been laid out in pastic bags at numerous sites on the property. Bags have deteriorated and broken. A number of dozer cuts have been made in the previous pit area which has also been drilled. The dozer cuts have exposed underground workings which appear to have been sampled. The leach site and gutted mobile home remain on the property.

10/1/85: The Gnome Development file, the G.W. Mining & Minerals file and Gerald Kirwan reports on same have been placed in the Newsboy file. Mr. Kirwan had proposed a placer operation to recover gold, silver and platinum minerals which could only be detected by his own analytical methods.

KAP WR 11/8/85: Bill Moss and Jerome P. Mills were in and briefly discussed activities at the Newsboy Mine (file) Maricopa County. The unpatented land position is held as the G & W Lode claims by Jerome P. Mills, President, Mills Mining & Development Inc. 5823 East Thomas Road, Scottsdale, Arizona 85251, phone 949-7463. Checkmate Resources was the last lesser and they drilled 25 holes with depths of 80 to 300 feet. Messrs Moss and Mills have logs, of the holes, assay results, a report and maps from which they promised copies for the Department's file. They reported the property is not currently leased.

NJN WR 1/29/87: Gary Parkinson reported that Westmont Mining Inc (card) has been active at the Newsboy Group (file) Maricopa county for about a year now. Apparently Checkmate Resources Ltd (card) had financial difficulties and never assayed all the holes that they drilled. Westmont has now analyzed those cuttings and continue to work on the property.

NJN WR 5/6/83: A visit was made to the Newsday Mine, Maricopa County, with Ken Phillips. A separate report has been written.

NJN WR 7/15/83: Bill Moss reported that testing and redesign of the pilot leach plant continues at the Newsboy mine, Maricopa County. Progress is slow due to inconclusive results which sometime occur when silver-manganese veinlets are not dissolved in the test leach but then end up in the tails assay.

NJN WR 1/6/84: It was reported by Mason Coggin that the Newsboy Mine, Maricopa County, has within the mineralized area that has been drilled and shot, at least 30,000 tons containing .05-.06 oz Au/ton plus some recoverable silver. Selective mining would be required to avoid dilution with lower grade material that has also been shot.

NJN WR 5/25/84: Rick Renn (c) Geologist with Goldsil Mining and Milling, reported that a pilot cyanide heap leach operation has begun at the Newsboy Mine, Maricopa Co.

KAP WR 11/30/84: In the company of Nyal Niemuth a visit was made to the Newsboy Group (f) mile. There appears to have been some sort of a small leach test performed on a few ton of mineralized material in a small plastic lined pit just to the northwest of graded leach pad base. Otherwide, there appears to have been no activity at the property since last January (1984). The SO_2 leach test plant has been completely scrapped.

NJN WR 1/11/85: Joe Langlois engineer with the State Department of Revenue reported that Checkmate Resources Ltd., 1015, 470 Granville St., Vancouver, BC Canada V6C 1V5 has acquired the Newsboy Mine (f) Maricopa County and have a drill rig active on the property. Their goal is to try and define a million tons of a grade similar to that which has already been found - .05 oz Au/ton and 5 oz Ag/ton.

Newsboy Group Maricopa

Searched for the Newsboy mine about 4 miles southwest of Morristown. After spending an hour or so stuck in the loose sand of the Hassayampa River, walked up a tributary wash to the open-pit. Here about a 75 foot diameter pit has been cut in the footwall of the structure to a depth of 30 to 40 feet. The bottom of the pit is but a few feet above the wash. The Mine Inspector has posted notices of "no entry" at the portal of the 2 adits. GW WR 1/12/77

Jack Gilbert, Bisbee, called regarding the mineralogy of the Newsboy mine ore. He said that it wouldn't be feasible to crush and screen the material with the idea of increasing the silica content. The precious metals are contained in very friable manganese mineral which on crushing and screening would be lost so far as a silica product is concerned. GW WR 2/7/77

Louie Zaccagnini and his son-in-law came in to discuss annual labor affidavits and forfeiture of unpatented mining claims. He recently has staked some claims on the Newsboy deposit which is claimed by Jerome Mills, Scottsdale. GW WR 2/10/77

T6NR4W Sec 22 827 Wickenburg SW

KAP WR 10/29/82: Evaluation and testing preparatory to a heap leach operation is continuing at the Newsboy Mine by Nor-Quest. Some 60,000+ tons of gold-silver ore ameanable to cyanide heap leaching are available. Bottle tests indicate a gold recovery of about 90%, but only a 30% silver recovery, likely due to the high manganese content of the ore. The first planned heap will contain 10,000 tons of 0.12 tr. oz/ton gold ore.

NJN WR 1/14/83: Dydar Resources of British Columbia, Ray Carson President are reported as having begun work on the Newsboy Mine, Maricopa County. They have a camp set up with water and electricity. They plan to set up a heap leach pad and associated ponds. It is estimated Ag recovery will be less than 33 1/3% in a conventional cyanide leach due to the manganese present, although gold recovery is not affected. No decision has yet been made about pre-leaching with sulfuric or some other acid to remove the manganese.

NEWSBOY GROUP MARICOPA

Accompanied Louis Zaccagnini in a 5 hour unsuccessful search for the Newsboy mine. Mr. Hardy, a 52 year resident of Morristown had never heard of the mine which produced in excess of 11,000 tons in 1942. The property is reported to be 3½-5 miles west of Morristown.
GW WR 11/24/76

Newsday

GNOME DEVELOPMENT CO.

Maricopa County
Vulture Mining District

Section 22, T6N, R4W

G.W. Mining & Minerals Co. (file)

MG WR 12/28/79: A Mr. O.T. Gay in to get information on the Gnome (?) mine supposedly located in Sec. 22, T6N, R4W.

G.W. MINING & MINERALS CO.

H. Jack Grassie, apparently from Canada, was in to look at the Newsboy Group, Montezuma and G.W. Mining & Mineral Co. files. Particular interest was in the G.W. Mining & Minerals properties from which he has leased or represents a lessor of the G.W. 1-20, G.W. ABC&D claims, of which some portions of G.W. 1&2 are in litigation. The option agreement which we copied indicated H. Jack Grassie is the attorney for the optionee, Lorna L. Kirwan. They hope to develop a heap leaching silver operation at the property. The only contact we were given was through a George Ramey, Phoenix area phone 979-5930. We were given copies of a report on the Gnome Development Company which covered the same property and copies of a number of recent (1975) assays and some 1969 through 1972 assays and analyses showing platinum and rare earth group elements. The various copies we were given tie together a number of names of companies and individuals. During the period 1969 through 1972 many reports indicated the G&W Mining Company property contained platinum. Jerome P. Mills is a partner in the G&W Mining Company partnership and appears to be the present owner of the G.W. 3-20 and the G.W. A-D claims. Also involved in some manner or as interested third parties with the property according to the 1969-72 assays were a Don Workman, Fred Plummer and George Coleman. One assay performed by Engineering Testing Laboratories, Inc., dated 2/4/72, indicates the samples were collected by Floyd Everett, Liaison Officer of the U.S Bureau of Mines. The analysis shows the presence of platinum which Mr. Everett has refuted. Involved in the present contract are the optionee Lorna L. Kirwan, c/o The Lost de Bulery Co., Inc., c/o Jones, Hatfield, Penfield and Garrett, Attorneys at Law, 12425 Rancho Bernardo Road, San Diego, California and Mr. Don Head, Attorney at Law, 110 East Furley St., Prescott, Arizona., 86301, and the owner of G&W Mining and Minerals, c/o Jerome P. Mills, 1444 South 27th Street, Phoenix, 85034. Also relating to the optionee are Gerry Kirwan and Ray Carson of Nordore Mining Company Ltd., 153 Perrault, Val D'Or, Quebec. KAP WR 7/2/75

Reference: Gnome Dev. Co. (cont. file)

G. W. MINING & MINERALS C ANY MARICOPA

The so-called Kaolinite deposit, 1½ miles southwest of Morristown, was examined and a 20 to 30 acre area of stripped area adjacent to the Kaolin deposit examined for silver. The Kaoline is a rhyolitic tuff rather than Kaolin and the silver is reported to be in the seams of black iron carbonate. The latter was not assayed but appeared to be barren. Litigation was in progress over ownership on the last visit. FTJ QR 2nd ¼ 1971-72

Visited the kaolin pit but no activity. FTJ WR 9/15/72

NEWSBOY GROUP SHIPMENTS, A S & R PLANT, HAYDEN 1940 - 1941

Tons Dry Wt.	Oz.Au	Oz.Ag	% Cu	Insol.	Sil.	Al.	Iron	Lime	Tot.Pay.Ton
103.877	0.06	8.12		85.1	81.6	3.8	4.8	3.8	$ 7.41
112.7815	0.03	5.70		77.0	71.4	3.8	3.0	8.7	4.56
147.1175	0.055	8.06		80.9	76.5	2.6	4.6	6.6	7.01
57.4795	0.072	11.75		78.3	71.2		3.2	10.6	10.05
151.068	0.035	11.95		74.1	71.3	2.0	3.0	8.4	10.60
109.969									10.33
52.480	0.035	4.35		77.2	72.8	3.8	5.3	11.0	3.79
104.350	0.041	10.10		75.0	72.1	2.0	3.0	9.8	7.96
104.657	0.09	3.70		78.7	69.5	2.0	3.1	10. 4	8.58
100.3385									3.74
92.8015	0.041	6.80		75.6	73.5	2.9	4.8	8.4	5.68
102.2375	0.065	10.15		75.3	75.0	1.9	3.0	10.0	8.77
100.228	0.065	9.60		74.1	70.3	1.4	3.7	9.2	8.39
107.9395	0.05	7.63		74.3	70.4	2.0	4.3	10.2	6.55
107.8795	0.048	5.70		72.6	72.1		2.8	9.3	5.14
170.9135	0.035	4.78		74.3	72.5	2.1	3.3	9.8	4.09
167.3965	0.035	9.70		74.0	72.6	3.0	3.6	9.1	9.11
112.995	0.073	9.10		75.5	73.8		3.3	10.3	8.30

Tot.Tons 2007.319 Av.Oz Au 0.057 Av.Oz.Ag 8.70 Av.Val.per ton $9. 50

magma

	A	B	A×B
1	1110685	80422	89321151
2	108553	63936	6940446
3	1142835	82019	93734118
4	1059855	80551	8537238
5	1048113	64734	6784854
6	1149423	55487	6377803
7	56316	98018	5519982
8	155262	74909	11630511
9	104633	77588	8118265
10	109197	55074	6013915
11	593605	162286	96333780
12	516085	144332	74487580
13	1113255	66203	73700826
14	56747	55074	3125283
15	101762	74909	7622890
16	5517255	78799	434.7538
17	99792	1103031	11007357
18	52219	90468	4724148
19	1082465	82431	89228670
20	558855	143862	80398010
21	431935	1018544	43994310
22	1123177	107212	121339330
23	113634	104018	11819981
24	1024095	86762	88852530
25	120118	72643	8725832
26	101943	69964	7132341
27	520555	61231	31874100
28	58361	86038	5021264
29	1027415	43789	44989470
30	1106822	68035	75302500
31	1016805	66074	63184370
32	1131635	91937	104039130
33	1053585	105232	110870860
34	115237	78001	8868601
35	1150705	88459	101790210
36	121525	119680	14544000
	34275211		1793063840
	9154919169		9617191815

522

A.S.T R. Hayden

	A	B	AXB	AXB 1/18 / A 1/18
1	103877	721	74895317	
2	1127815	456	514283640	
3	1471175	701	79059832	
4	574795	1005	57766900	
5	1511668	1060	160768080	
6	109969	1093	120196117	
7	52480	379	19879920	
8	1043856	796	83067376	
9	1046571	858	89795706	
10	1003365	374	37525851	
11	928025	568	52711820	
12	1022375	877	89665587	
13	100228	839	8409292	
14	1079395	655	70700372	
15	1079725	514	55501463	
16	1709185	409	69905666	
17	1673965	911	15249821	
18	112995	830	93785850	
	20073190			
	57 " " 15		1343243824	6669173

	An	As	An x As	Ax Ag
1	.06	8.12	623262	8434817
2	.03	5.70	3383445	642585
3	.055	8.06	8091462	11857671
4	.072	11.75	4138424	6868790
5	.085	11.95	12891780	18124326
6				
7	.035	4.35	183680	3262880
8	.041	10.10	4278596	10539956
9	.09	8.70	941913	7116676
10				
11	.041	6.60	3804902	16310570
12	.065	10.15	6645427	10377106
13	.065	9.60	6514820	9621888
14	.05	7.63	5396975	8235783
15	.048	5.70	5183016	6154831
16	.035	4.78	5982147	8169904
17	.065	9.70	14028702	16237460
18	.073	9.10	8248635	10282450
			100096893	145043648
			8788855	
			0.056	823
			1196	6558

6 — 109.969 T
10 — 100.3365
210.3055

2007.3190
210.3055
1797.0135

$8.54

NEWSBOY GROUP SHIPMENTS, M.C.M. SMELTER, 1940 - 1941

Tons Dry Wt	Oz.Au	Oz.Ag	% Cu	Insol.	Sil.	Al	Iron	Lime	Pay per T.
111.0685	0.10	7.20	0.37		74.20	4.40	3.70	6.30	8.0422
108.553	0.08	5.70	0.30		74.00	.59	7.60	5.90	6.3936
114.3825	0.08	8.40	0.35		69.80	3.0	4.00	6.90	8.2019
105.9855	0.09	7.70	0.25		77.00	3.50	3.00	4.20	8.0551
104.8113	0.07	6.30	0.25		74.40	4.30	4.00	6.10	6.4734
114.9423	0.06	8.40	0.20		66.30	3.90	4.00	7.70	5.5487
56.316	0.06	11.50	0.50		68.60	0.40	3.40	8.10	9.8018
155.262	0.06	8.30	0.25		76.20	2.60	3.10	9.90	7.4909
104.833	0.06	8.70	0.20		66.60	1.60	3.20	9.80	7.7588
109.197	0.06	8.70	0.40		69.80	1.80	3.20	8.30	5.5074
59.3605	0.14	17.50	0.15		70.40	1.60	3.90	8.30	16.3386
51.6085	0.13	15.30	0.15		71.60	1.30	3.20	8.30	14.4332
111.3255	0.06	7.00	0.20		70.40	3.60	3.00	10.10	6.6203
56.747	0.04	6.30	0.15		70.20	2.80	3.20	6.00	5.5074
101.762	0.06	8.30	0.20		70.30	2.60	3.60	10.00	7.4909
55.1725	0.07	8.40	0.20		72.00	2.60	3.60	6.30	7.8799
99.792	0.12	10.70	0.22		73.40	2.40	3.40	7.40	11.0303
52.119	0.10	8.70	0.25		68.60	1.70	3.70	7.90	9.0468
108.2465	0.10	7.50	0.20		66.40	2.50	3.90	10.20	8.2431
55.8855	0.13	15.20	0.30		74.00	1.50	3.10	8.20	14.3362
43.1535	0.10	10.40	0.25		75.60	2.90	3.50	5.60	10.1854
113.177	0.10	11.30	0.40		75.00	1.40	3.90	6.60	10.7212
113.634	0.14	8.80	0.40		68.40	2.60	3.30	9.20	10.4018
102.4035	0.10	7.40	0.25		67.20	1.40	4.10	9.80	8.8762
120.118	0.08	7.00	0.16		65.40	2.20	4.00	8.90	7.2643
101.943	0.08	6.60	0.25		64.20	2.20	4.20	10.10	6.9964
52.0555	0.05	6.60	0.45		64.80	.90	4.60	7.30	6.1231
58.361	0.08	9.00	0.40		66.20	2.80	3.80	10.30	8.6058
102.7415	0.06	4.40	0.25		66.00	1.90	3.60	10.30	4.3789
110.682	0.07	6.80	0.40		70.40	1.30	4.20	7.50	6.8055
101.6805	0.07	6.50	0.40		73.20	1.50	4.00	5.80	6.8074
113.1635	0.09	9.40	0.25		73.60	3.90	3.60	7.50	9.1957
105.3585	0.09	11.40	0.30		74.20	1.50	3.60	7.30	10.5332
115.237	0.08	7.80	0.30		73.20	1.00	3.60	8.20	7.8001
115.0705	0.10	8.40	0.30		73.60	2.40	3.50	6.60	8.8459
121.525	0.12	12.10	0.30		75.00	2.00	4.00	6.20	11.9680

Tot.Tons 3425.985 Av.Oz.Au 0.085 Av,Oz.Ag 8.58 Av.Val.per ton $10.57

NEWSBOY GROUP SHIPMENTS, CLARKDALE SMELTER, 1940 - 1941 - 1942

Tons Dry Wt.	Oz.Au	Oz.Ag	% Cu	Insol	Sil.	Al	Iron	Lime	Pay per Ton
203.3105	0.04	5.91	0.13			10,1		10.1	4.17
188.772	0.06	10.23	0.30					11.4	9.15
182.287	0.04	7.05	0.16					11.6	5.54
173.6075	0.09	8.45	0.16					8.4	8.66
200.73	0.076	6.13	0.25					16.6	6.81
260.972	0.07	7.23	0.26					11.5	7.36
209.9415	0.066	5.50	0.18					9.4	6.00
211.86	0.06	5.76	0.13					9.4	6.00
155.1315	0.06	5.835	0.26					10.0	6.05
235.5850	0.0675	6.59	0.48					8.7	6.82
277.7205	0.095	13.395	0.19						12.51
188.6910	0.074	9.51	0.27					8.2	9.10
296.7035	0.0925	12.50	0.32						11.80
350.1785	0.07	8.45	0.46						8.22
428.2375	0.037	5.84	0.13					9.9	5.19
266.4765	0.0605	5.7795	0.35					13.6	6.02
171.6265	0.095	10.555	0.29					9.5	10.50
276.196	0.06	5.995	0.32					8.2	6.16
278.2225	0.06	9.205	0.23						8.50
168.4785	0.07	7.93	0.39						7.85
433.5395	0.06	5.33	0.22						5.69
324.369	0.04	4.36	0.32						4.28
259.466	0.044	5.31	0.29						5.07
220.1285	0.0545	7.165	0.28					11.3	6.81

Tot.Tons 5676,616 Av.Oz/Au 0.063 Av.Oz.Ag 7.54 Av.Val per ton $ 8.61

CLARKDALE SMELTER, 1942

59.574	0.044	8.075	0.05	67.40	2.80	3.2	11.3	7.02
59.350	0.037	8.085	0.037	67.30	2.40	3.1	11.9	6.78
49.660	0.035	5.405	0.04	68.40	2.00	2.9	11.1	4.33

Tot.Tons 168.584 Av.Oz Au 0.038 Av.Oz Ag 7.19 Av.Val.per ton $7.44

RECAPITULATION:

Tot.Tons Dry Wt. 11066.069 Av.Value per ton $ 9.27 (1947 price schedules)

9-1-42

Pitt, M. D.
Morristown, Arizona

See P File
Re - iron mine - also fluxing ore suitable for fluxing in a copper smelter.

General information -- See P file 9-25-42

See Morristown Council - Re showing of pictures 10-4-42

See ARIZ. BUREAU OF MINES file
Re specimens to be checked for vanadium 10-24-42

√ See MONTEZUMA GROUP - Re field engineer's report 11-19-42

See NEWSBOY MINE - Re general information re mine 12-29-42
See NEWSBOY MINE - Re Field Eng. Report 1-18-44

NAME OF MINE: NEWSBOY
OWNER:

COUNTY: Maricopa
DISTRICT:
METALS: Ag

OPERATOR AND ADDRESS		MINE STATUS	
Date:		Date:	
7/46	√ W.D. Pitt, Morristown	7/46	Developing

NEWSBOY - Vulture Dist., Maricopa County

SEE: R.I. 4077 -

SULFUR DIOXIDE LEACHING TESTS ON VARIOUS WESTERN MANGANESE ORES
June, 1947

SEE: R.I. 4097 -

ARIZONA MANGANESE-SILVER ORES
July, 1947

(IN R.I.FILES)

MAP (1) NEWSBOY
MAPS - (2) WORKINGS OF NEWSBOY CLAIMS
(2) PLAN SHOWING PROPOSED DEVELOPMENT PROGRAM FOR NEWSBOY CLAIMS
(1) CLAIM MAP OF NEWSBOY MINES
(These may be found in brown map cabinet on top of "Mine files" Section #5)

T6N, R4W, Sec 22

REPORT ON THE GRANDE GROUP OF MINING CLAIMS.

Mr. M. D. Pitt,
Phoenix, Arizona.

Dear Sir:

Having visited and made a very careful preliminary examination of the above named mines, I find pleasure in submitting herewith my report.

Locality

This property, comprising 16 lode claims each 600 feet in width by 1500 feet in length, is situated on the Hassayampa River in the Vulture Mining District, Maricopa County, Arizona, and lies about two-and-a-half miles west of Hot Springs Junction, a station on the Snta Fe Railroad, and 44 miles northwestt of Phoenix.

General Statement

The majority of claim area is situated along the gently sloping hills to the west, at elevations varying from 100 to 200 feet above the river and approximately 1500 feet above sea level. On account of the comparative low elevation of the claims above the river, it may readily be inferred that the most feasible method of mine development and operation must be by vertical shafts and shallow adit level——the ore being hoisted, or lowered, to the adit, may be conveyed by tram cars to the proposed reduction plant at some c convenient point (not yet decided upon) above the river.

Up to the present time only tentative investigation of the metallurgical properties of these ores have been undertaken by me; but owing to the high state of oxidation of all present accessible vadose deposits of the property, it is quite obvious that no difficult problem will be encountered in developing some very simple and economic process of reduction. If, however, subsequent exploration of the deeper levels should disclose lead sulphides, (which is quite probable) or other argentiferous and auriferous sulphide ores in sufficient quantities to warrant the installation of a smelter, no better location from point of vantage could be selected for such a plant. The ores, as far as development has gone, are believed in most instances to be self fluxing, I. e., containing the gangue minerals, silica, lime and iron oxide in the right proportions to form the idealistic 3x3$\frac{1}{2}$ slag. Large quantities of silisious limestones and segregated masses of iron oxides abound throughout the property. There is a sufficiency of small timber on the claims and surrounding country to afford fuel for all domestic purposes.

none. Hence, average for the entire 85 feet of this ore body is $8.12. I have been informed by the management that several other samplings of this crosscut had been made by various mining men with almost identical results. At the east end of the same claim there is an incline working known as the Miller shaft, 60 feet deep. Here another sample was selected near the top, which gave low gold value. Some very good ore, however, has been reported as taken from this shaft. In every instance where samples were procured from the various vein outcroppings and mineralized decomposed dikes by testing, appreciable gold values were found to be present.

The fundamental rock formation of this district is a dark grayish schist striking generally to the northwest and dipping on varied angles to the east. This formation I have correlated with the characteristic Cambrian schists of West-Central Arizona. Lying unconformably against this and forming a well defined line of contact striking N. 60 deg. E. (Mag.) and dipping N. E. on angles of 45 deg. to 60 deg., occurs a darkish highly silicious dolimitic limestone rock. This latter formation (of probable Lower Silurian age) has been much distorted by latter intrusions and overflows of Tertiary rhyolites.

The rhyolitic rocks constitute the more prevalent formation of the eastern portion of the claims, while the schist rock intruded by diabase andesite and rhyolitic dikes comprise the area west of the above mentioned line of contact of unconformable rock formations.

The geology as especially exposed in this immediate vicinity, it will be seen, is exceedingly complicated——a correct diagnosis of which would require vastly more time than the few days allowed in which to make the present preliminary examination, Future mine developments may be expected to reveal new and more accurate data than it were possible to collect under present circumstances.

It is, however, clear and I think beyond question, that the more important ore bodies lie now and will in the future be found to occur along the contact vein from the S. E. end line of Grande No. 1 claim to the N. W. of Grande No. 3 claim. At or near these two points the vein has been rendered obscure through faulting and subsequent covering by more recent flows of rhyolitic rocks. Near the N. W. side line of the Arizona No. 1 claim the evidence of faulting is quite obvious. Here the highly productive lode of the Montezuma mine has been heaved out of its true course some 300 feet to the north. This latter named lode, upon close inspection, was found to show most potent evidence of formerly being the continuation of the Grande contact fissure.

Present Mine Development and Assay Values

Present development of the property has thus far been of an explanatory nature, and confined principally to the contact zone of the Grande No. 1 and No. 3 claims. At a point on the Grande No. 1 claim, designated as "85-ft. tunnel," an ore body replacing limestone has been crosscutted for a distance of 85 feet. This was carefully sampled by me and the samples were assayed for gold, silver and lead by John Herman, assayer and chemist, of No. 339 South Los Angeles Street, Los Angeles, Cal. The first 45 feet from mouth of tunnel gave: Silver, $6.37; Gold, $0.83; Lead, nu button. The second 40 feet from mouth gave: Silver, $7.80; Gold, $.24; Lead, none. Hence, average for the entire 85 feet of this ore body is $8.12. I have been informed by the management that several other samplings of this crosscut had been made by various mining men with almost identical results. At the east end of the same claim there is an incline working known as the Miller shaft, 60 feet deep. Here another sample was selected near the top, which gave low gold value. Some very good ore, however, has been reported as taken from this shaft. In every instance where samples were procured from the various vein outcroppings and mineralized decomposed dikes by testing, appreciable gold values were found to be present.

In order to develop and operate this property in an efficient and miner-like fashion I would recommend the sinking of a double compartment vertical shaft at a point of the Grande No. 1 claim. This shaft, assuming the angle of contact fissure to continue on the uniform dip angle of 70 deg., should intersect the schist formation at the 730-foot level.

After selecting the mill site, the adit level should be driven from the surface to connect with the shaft. This would afford an easy conduit for the ore to the proposed reduction plant on the river. As the shaft sinking progresses, cross cuts should be made at each 100 ft. points, as shown, and the ore drifted upon in opposite directions and systematically sampled. If let by contract, I estimate to sink this shaft to the 730-foot level, should not cost over $25,000. For driving the 1200 foot adit, I would place the cost of this at $7.00 per linear foot, or at a total of $8,400.00. The present time I consider rather premature for attempting to form reliable estimates of ore reserves and costs of extraction and reduction.

In concluding these recommendatory remarks, I would advise that immediate steps be taken to construct upon the property an experimental plant in view of determining the most economic metallurgical process of treating the large body of oxidized ores at present available. I am of the opinion, however, that these ores will be found amenable to the Cyanide process of treatment and that said experimental plant could be made to form the first unit of a subsequental enlarged works.

General Conclusions

In concluding this report the following recapitulatory statements are considered inevitable.

1st. The property comprises a well defined contact vein some 2000 feet in length, and at one point this zone of contact has been crosscutted showing a width of fully 85 feet of oxidized ore that averages $8.12 per ton in silver and gold.

2nd. That this ore body will extend in depth and become further enriched upon meeting the sulphide zone, is my opinion.

3rd. I believe present indications fully warrant that the plan of development and operation as outlined in this report should be carried out as soon as possible.

4th. It is my opinion that these present accessible oxidized ores, which occur as limestone replacement deposits, should at an early date, be thoroughly tested by the Cyanide process, to which treatment I think this ore will be found amenable. In which event I would advise the erection of a cyanide mill of a capacity commensurate with the quantity of ore now available or in sight at time of its completion.

5th. It is my final conclusion that this property with the initial expenditure of from $75,000.00 to $100,000.00 in development and equipage could, if placed under competent management and skilled superintendency, be made to pay handsome dividends on all capital invested.

Respectfully submitted,

(Signed) G. W. Miller, E. M.

Mining Engineer and Geologist.

Los Angeles, Cal., Jan. 2, 1920.

AGREEMENT TO PURCHASE "GRANDEY MINING PROPERTY"-

This agreemen made and entered into this entieth day of August, A.D. I9I5, by and between Joe Komberec, J.A. Miller, of Wickenburg, Maricopa County, Arizona, and Frank Obermuller, of Phoenix, Maricopa County, Arizona, all of the state of Arizona, who are the parties of the first part, and A.L.Flagg, of Kelvin, Arizona, County of Pinal, State of Arizona, who is the party of the second part.

WITNESSETH:

That, for in consideration tha sum of one dollar in hand paid to the parties of the first part, by the party of the second part, the receipt of which is hereby acknowledged, said parties of the first part, have agreed, and by these presents do agree, to grant unto the said party of the second part, the option to purchase from the said parties of the first part, the following described mining claims, situated in the "Vulture Mining District", Maricopa County, State of Arizona, to WIT:

All of the claims known as the "Grandey" NO.I Mining Claim, notice of location whereof is of record in Book 22 of Mines, at pages 245 and 246, records of Maricopa County, Phoenix, Arizona; Grandey NO.2 Mining Claim, notice of location whereof is of record in Book 22 of Mines, page 26I, records of aforesaid; Grandey NO.3 Mining Claim, notice of location whereof is of record in Book 22 of Mines, page 262, records of aforesaid; Grandey NO.4 Mining Claim, notice of location whereof is of record in Book 22 of Mines, page 308, Records of aforesaid; and Grandey NO.5 Mining Claim, notice of location whereof is of record in Book 22 of Mines, page 309, records of aforesaid.

The party of the second part may assign this agreement, and his assigns shall have the same rights here-by vested in the said party of the second part, subject to the conditions herein contained, ~~and also to such other conditions as may be imposed by the said party of the second party, or his assigns.~~

Upon the compliance by the said party of the second part, his heirs, or assigns, with the condition hereinafter contained to be performed by him, and upon payment of the purchase price, in the amounts, and the times hereinafter specified, the parties of the first part, will grant, sell, and convey to the said party of the second part, all of their interest in the "Grandey Mining Claims" previously(described).

The party of the first part, grants to the party of the second part, sixty days in which to make an examination of the aforesaid Mining Claims, and option to purchase same under the following conditions, which hereinafter shall be designated as A.B.and C.

A. The total purchase price for said Mining Claims shall be seventy-five thousand ($75,000)dollars payable as follows, to WIT: Three thousand($3,000.)dollars on Oct., 20th, I9I5. Ten thousand ($I0,000.)dollars on or before Oct., 20th, I9I6. Ten thousand ($I0,000.)dollars on or before April 20th, I9I7; and the balance Fifty-two thousand

($52,000.)dollars on or before October 20th, 1917. During the life of this option, dating from October 20th, 1915, party of the second part, agrees to pay parties of the the first part, Three hundred ($300.)dollars monthly until all payments are made, and said payments shall be deducted from the final payments.

B. The total purchase price for said Mining Claims, shall be Seventy-five thousand ($75,000.)dollars payable as follows to WIT: Five thousand ($5,000.) dollars on or before October 20th, 1915. Ten thousand ($10,000.)dollars on or before October 20th, 1916, Thirty thousand (30,000.)dollars on or before April 20th, 1917. and the balance Thirty thousand ($30,000.)dollars on or before ~~A~~OCT1.,20th, 1917.

C. It is further agreed that should the party of the second part desire to pay cash, the price shall be Thirty thousand ($30,000.)dollars, the said sum becoming due October 20th, 1915.

Concurrently with said option to purchase, the said parties of the first part herein, shall acknowledge their granting, selling and conveying, the above described Mininig Property, unto the said party of the second part, his heirs, assigns, and successors, and deposit in said Phoenix National Bank as an escrow, with instructions to said Bank to deliver escrow deed to said party of the second part, upon the payment of the total purchase price, in sums as aforesaid; but on failure to make payments as aforesaid, the deed shall be returned to the said parties of the first part herein.

It is further agreed, for and in consideration of the covenants and conditions herein named to be kept and performed by both parties hereto, that the terms and conditions hereof are binding upon heirs, administrators, and assigns of all parties hereto.

From and after the date of this option, the said second party, shall be entitled during the life of the option, to the sole and exclusive possesion of said Mining Property, with the right to develop, and mine at his discretion, the work to be done in a workmanlike manner. The party of the first part, reserves the right to enter all parts of the property for examinations of same, at their descretion.

It is also mutually agreed that no ores shall be removed from said property except such samples in amount not to exceed ten (10)tons, as may be required for assaying, testing, or demonstrating purposes. Provided that consent is given for shipping of ores after second payment, should proposition "A"or "B", be made and accepted, when party of the second part, agrees to pay as royalty fifteen per-cent upon the valued of the ores taken from said property and shipped, according to Smelter returns as shown by the Smelter, or ore purchasing Company's check therefor. Such royalty to be credited upon the agreed purchase price and applied upon the payments in the order in which they fall due.

The party of the second part, his heirs, assigns, shall have no power to subject said Mining Claim to any lien, for labor, or materiel, or any other lien, whatsoever, and shall protect the parties of the first part, from such liens, as may be charged against the property by the Arizona State laws, and provide for same by insuring for protection.

The said party of the first part, covenants and agrees with the said party of the second part, that they are the owners of the here-in above described Mining Property, and has a good and clear title thereto, and further covenants, and agrees to convey to the said party of the second part, said Property free and clear of all encumberances.

It is further agreed, for and in consideration of the covenants, and conditions herein named to be kept and performed by both parties hereto, that the terms and conditions hereof are binding upon heirs, administrators, and assigns of all parties hereto.

This being the essence of this contract, should the party of the second part, fail, or refuse to carry out any of the terms and conditions hereinabove stated, or to make the said deferred payments on or before the dates when they become due, this contract shall become null and void and of no further effect, and all sums of money payed to the parties of the first part, shall be retained by said parties of the first part, as liquidated damages for the use and occupancy of said Property, and as the consideration for which this instrument is executed, and the said party of the second part, shall forthwith deliver up to the parties of the first part, peaceful possession of said Property, and every part thereof, together with whatsoever improvments or equipments he may have caused to be done thereon.

It is also understood and agreed, that time is the essence of this agreement.

IN WITNESS WHEREOF: the parties hereto have set their hands, and seals, the day and year first above written.

WITNESS:

J. Simon

Parties of the first part.

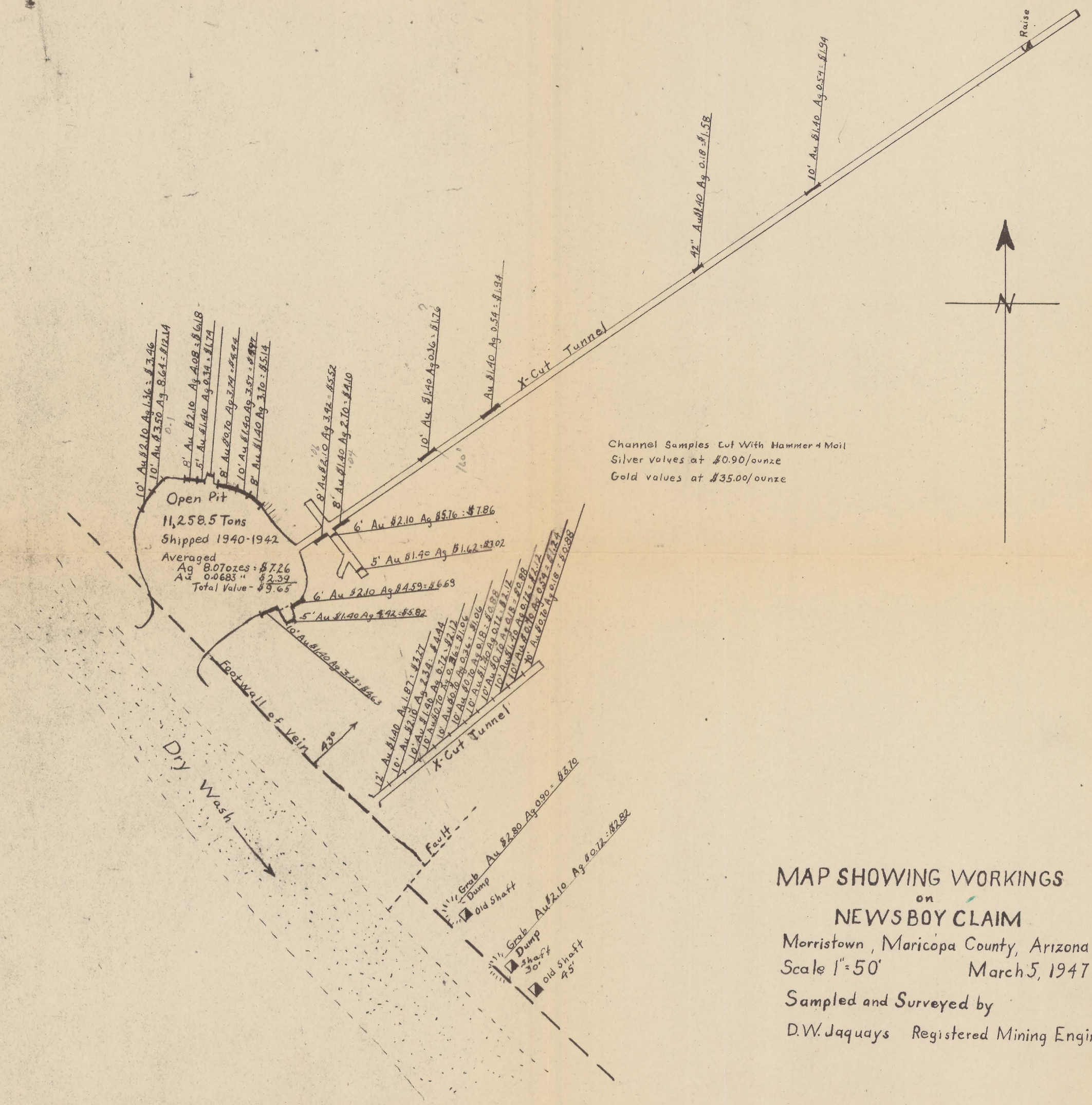
Frank Obermueller

Joe Kwiatkowski

J. A. Miller

Party of the second part.

A. L. Flagg



Channel Samples Cut With Hammer & Mail
Silver values at $0.90/ounze
Gold values at $35.00/ounze

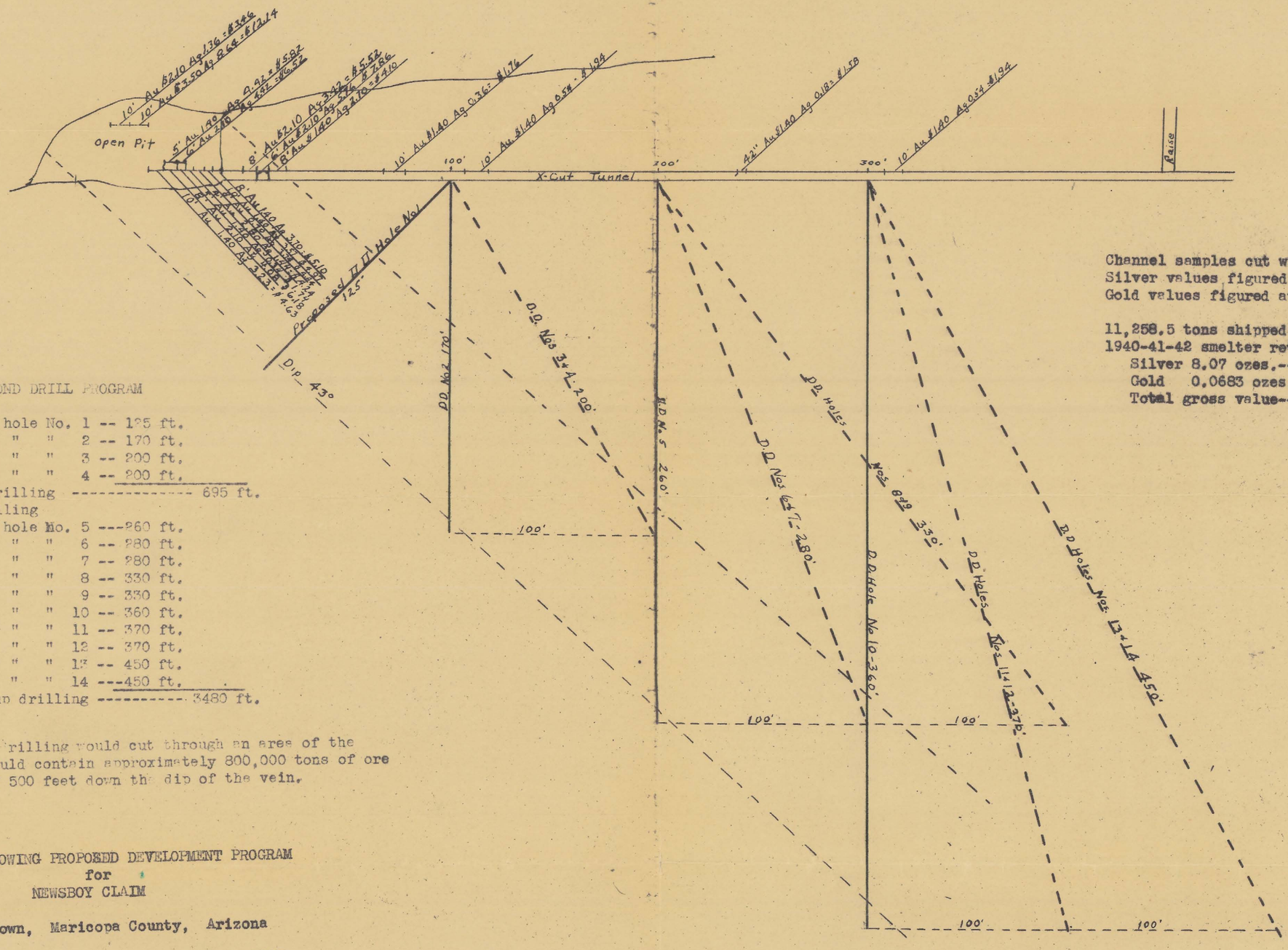
MAP SHOWING WORKINGS on NEWSBOY CLAIM

Morristown, Maricopa County, Arizona

Scale 1" = 50' March 5, 1947

Sampled and Surveyed by

D.W. Jaquays Registered Mining Engineer



PROPOSED DIAMOND DRILL PROGRAM

Diamond drill hole No. 1 -- 125 ft.
" " " " 2 -- 170 ft.
" " " " 3 -- 200 ft.
" " " " 4 -- 200 ft.
Preliminary drilling ---------- 695 ft.
Follow up drilling
Diamond drill hole No. 5 ---260 ft.
" " " " 6 -- 280 ft.
" " " " 7 -- 280 ft.
" " " " 8 -- 330 ft.
" " " " 9 -- 330 ft.
" " " " 10 -- 360 ft.
" " " " 11 -- 370 ft.
" " " " 12 -- 370 ft.
" " " " 13 -- 450 ft.
" " " " 14 ---450 ft.
Total follow up drilling ---------- 3480 ft.

This diamond drilling would cut through an area of the vein which could contain approximately 800,000 tons of ore to a depth of 500 feet down the dip of the vein.

Channel samples cut with hammer and moil
Silver values figured at $0.90/ ounze
Gold values figured at $35.00/ ounze

11,258.5 tons shipped from open-pit during 1940-41-42 smelter returns averaged a ton:
Silver 8.07 ozes.---- $7.26
Gold 0.0683 ozes.-- $2.39
Total gross value--- $9.65

PLAN SHOWING PROPOSED DEVELOPMENT PROGRAM
for
NEWSBOY CLAIM

Morristown, Maricopa County, Arizona

Scale 1"- 50' March 5, 1947

Sampled and Surveyed by

D. W. JAQUAYS Registered Mining Engineer