



CONTACT INFORMATION

Mining Records Curator
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inquiries@azgs.az.gov

The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

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08/26/86

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: GEORGE WASHINGTON

ALTERNATE NAMES:
ATOS GOLD

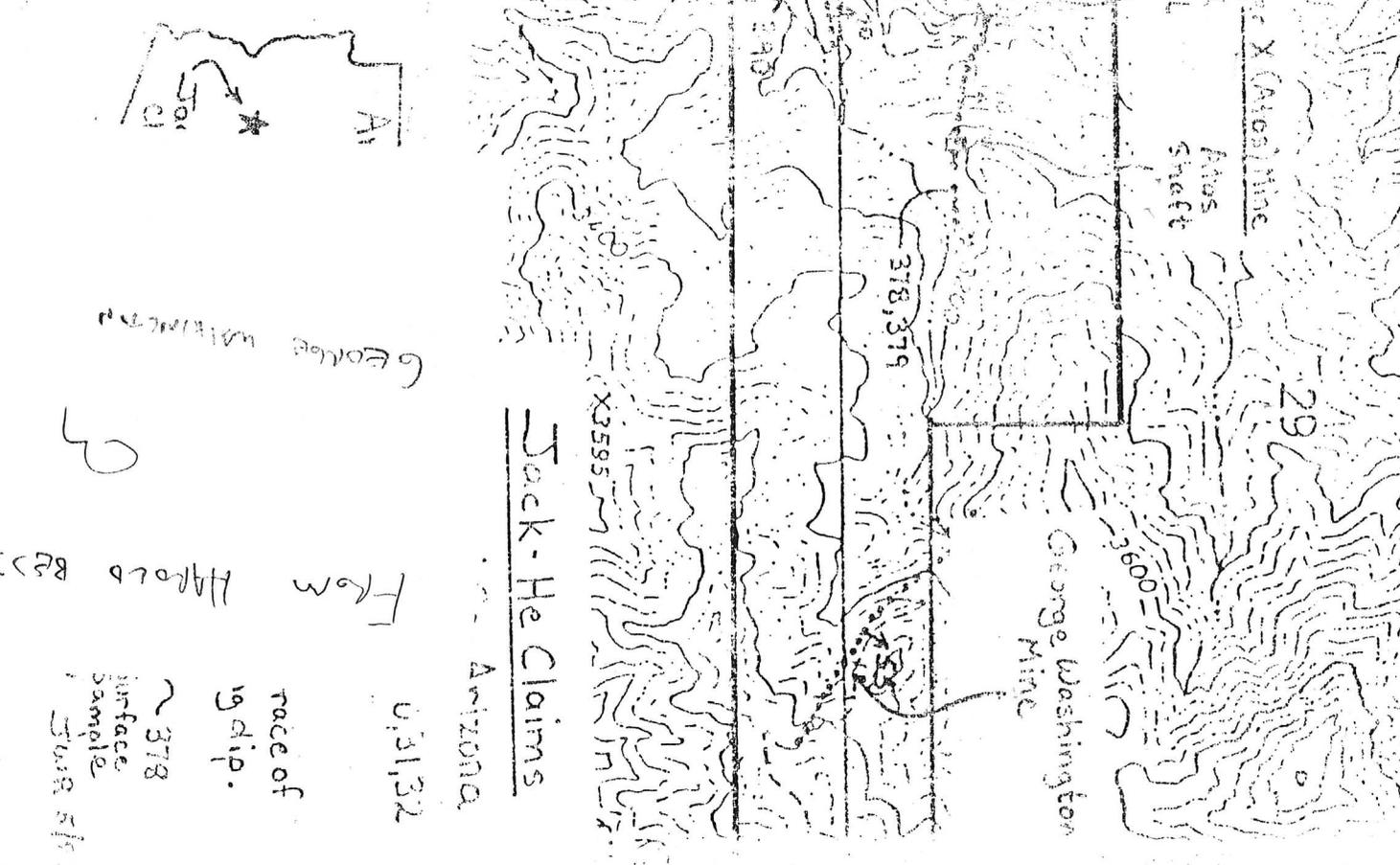
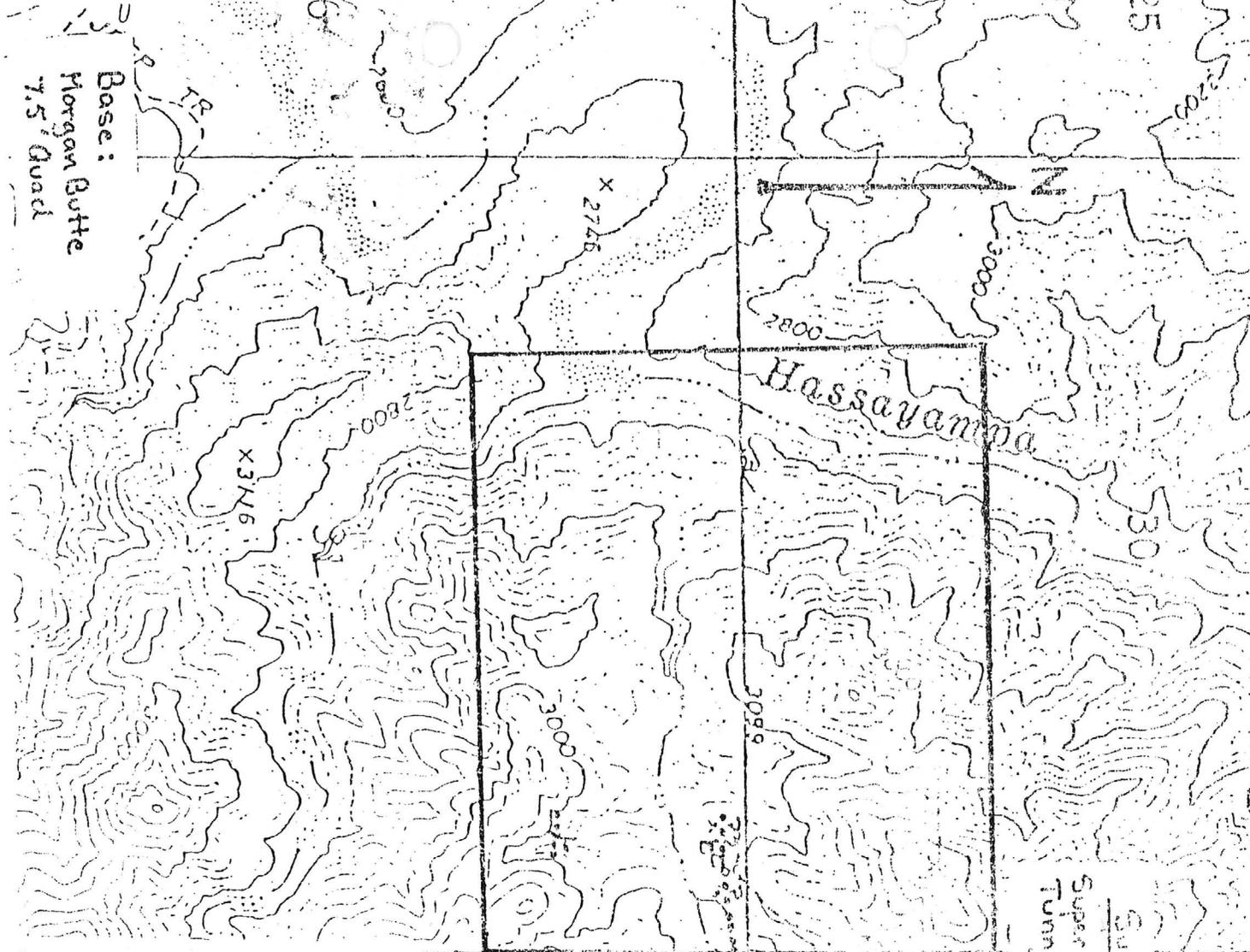
YAVAPAI COUNTY MILS NUMBER: 397A

LOCATION: TOWNSHIP 9 N RANGE 3 W SECTION 31 QUARTER NE
LATITUDE: N 34DEG 05MIN 04SEC LONGITUDE: W 112DEG 36MIN 18SEC
TOPO MAP NAME: MORGAN BUTTE - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
GOLD
SILVER
LEAD

BIBLIOGRAPHY:
USGS MORGAN BUTTE QUAD
ADMMR GEORGE WASHINGTON FILE
ADMMR ATOS MINE FILE



25

30

29

Hasayama

Super X (Alps) Mine

Super X Tunnel

Alps Shaft

George Washington Mine

Jack-He Claims

Arizona

U.S. 132

face of 19 dip.

~ 378 surface sample

June 5/8

From Harold Best

Base: Morgan Butte 7.5 Quad



George Washington

X 3595

378, 379

X 2726

X 3146

3000

2800

3000

3000

3600

3400



GEORGE WASHINGTON

Au, Ag, Pb

Yavapai 13 - 7 T 9 N, R 3 W

Steve Loncar, Box 446, Wickenburg

'40

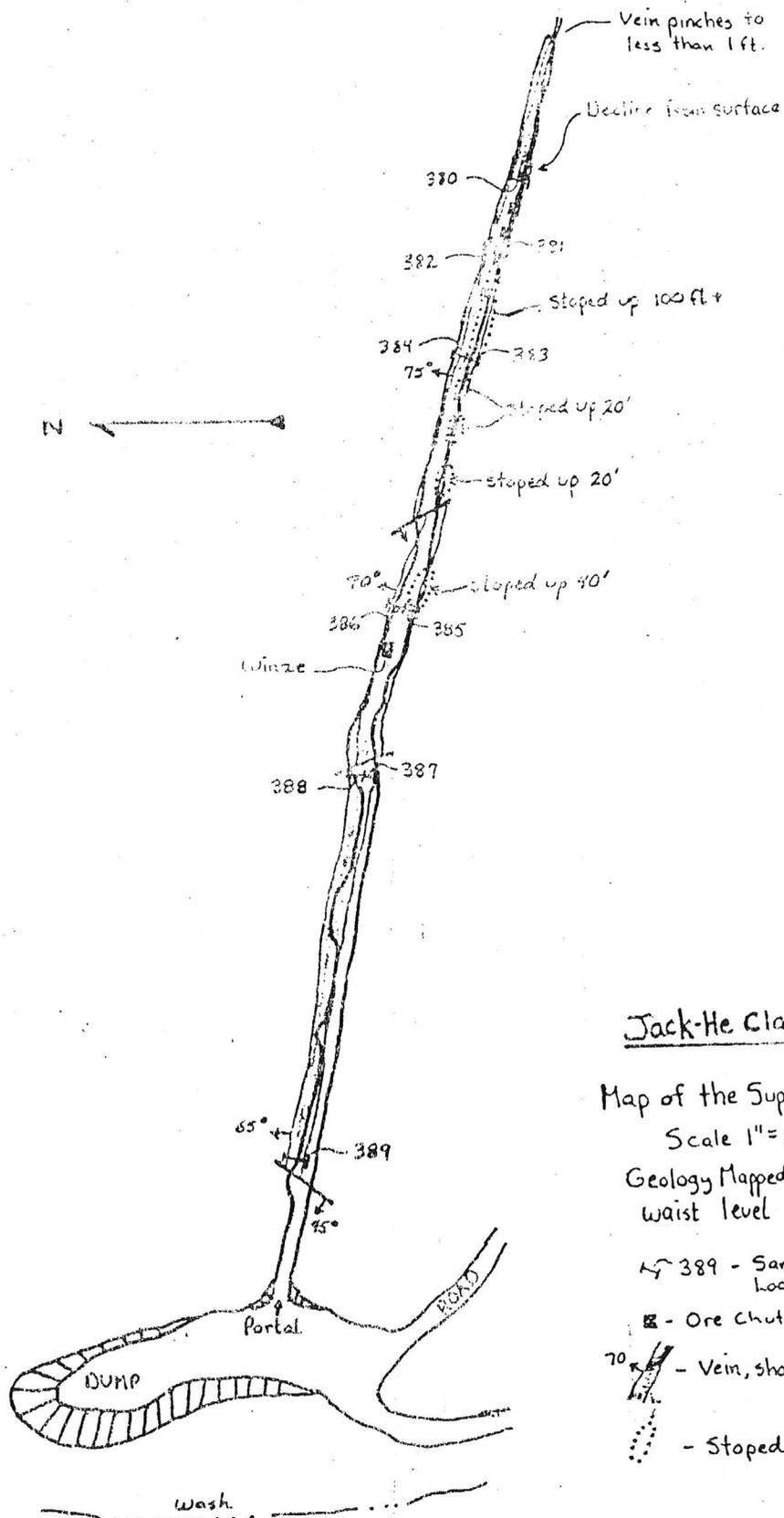
(Moved, left no address. 8/5/46)

Steve Loncar (Deceased 2-46)

Box 446

Wickenburg, Arizona

George Washington



Jack-He Claims

Map of the Super X Tunnel

Scale 1"=100'

Geology Mapped at
waist level

↙ 389 - Sample
Location

▣ - Ore Chutes

70° / - Vein, showing dip

⋯ - Stopped Area

June 28-- Atos Mine. This property was one time owned by Leonard White of Stanton, Arizona. Property released by me as Administrator as no money available for Assessment work. Located by Albiez and Assoc. He has promoted a Hollywood Picture Man by name Alfred T. Smith. They have built 3 miles of steep but usable road but unfortunately have the Mill under construction before the mine has been properly developed. Gibson Equipment formerly the property of the Copper Belt Co. Reported to have spent \$ 20,000 to date.

Monte Cristo- Had a long talk with young Dudley re Old Maps etc. No activity for the present. Expect to operate a reported Gold vein on the property using water from the Old Shaft for Milling. Mill must be entirely revamped.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine Atos Mine

Date Sept. 20, 1954

District Black Rock

Engineer Mark Gemmill

Subject: Present Status

Work was discontinued on this property about 1941. So far as I can learn nothing has been done since. However I was informed that the property is still held by proformance of assessment work

ATOS

At

Yavapai

13-7

T 9 N. R 3 W

A. Hubner, Wickenburg

39

(Moved, left no address. 8/2/46)

DEPARTMENT OF MINERAL RESOURCES

News Items

Date

June 27, 39

Mine

Atos Mine

Location

3 miles N. of Constellation

Owner

Albiez & Assoc

Address

Wickenburg

Operating Co.

Alfred T. Smith & Assoc

Address

of Hollywood
Calif.

Pres.

Genl. Mgr.

Cons. Mine Supt.

A. Huebner

Mill Supt.

Principal Metals

Men Employed

Production Rate

Mill, Type & Capacity

Power, Amt. & Type

75 HP Type / Fairbanks
in Mill. Morse Oil Eng

Signed

(Over)

DEPARTMENT OF MINERAL SOURCES

News Items

Date

9/28/39

Mine

Geo. Washington

Location

14 mi east of Wickenburg

Owner

Steven Loncar

Address

Box 446

Wickenburg

Operating Co.

Address

Pres.

Genl. Mgr.

Mine Supt.

Mill Supt.

Principal Metals

Men Employed

Production Rate

Mill, Type & Capacity

Power, Amt. & Type

Operated under

R. F. C. Loan of

\$5000.00

At a stand still

Loncar working

by hand

Inspected by

J. S. Coupal

object to try get on

active list.

Signed

(Over)

GEORGE WASHINGTON

YAVAPAI COUNTY

NJN WR 11/27/87: Harold Best (card) and Beverly Henrichs visited and brought in reports prepared by Can Quest Resource Corp on the Atos Mine (George Washington - file) Yavapai County.

NJN WR 3/11/88: John Rudd (card) reported that Redtail Mining has been mining at the George Washington (file) Yavapai County. They hope to produce a total of 5,000 oz Au from their efforts there and process it at the Redtail Millsite.

GEORGE WASHINGTON MINE

YAVAPAI COUNTY

KAP WR 5/27/83: Owen Lundberg reported Contract Mining Company is working at the George Washington Mine near Wickenburg. Ore is to be shipped to their mill at the Hull mine near Yuma, AZ.

Telstar Resource Corporation, 5189 W. Poppy, Yuma, Arizona 85364 listed a start form with the Office of State Mine Inspector for the George Washington Mine. The type of operation is underground, principal product is gold and silver. Starting date is given as August 1, 1983. James D. Bowker, Field Operations Manager sent in the notice. PH 783-9152

MG WR 2/17/84: Development of the George Washington mine (Yavapai Co) ceased in late 1983. Approximately 150 feet of drift were repaired and 300 feet of new drift driven. An ore stope was developed and a gravity mill installed. Mr. Jim Bowker, 5189 W. Poppy, Yuma, AZ. 85364, Ph: 783-9152, and crew did much of the work for Telstar Resources Corp. of Canada. Mr. Bowker did not know exactly why work had been stopped.

NJN WR 6/3/88: John Rud (card) reported that Redtail Mining has 1000 tons of material mined at the George Washington (file) Yavapai County and are trucking it to the Redtail Mill (file) Yavapai County for processing.

ATOS MINE

Visited with Virgil Wells who said he and Ken Nelson had the old Atos Au mine east of Wickenburg and would start it if they could raise money for a mill; its a big low grade deposit. GW WR 6/13/73

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES

VERBAL INFORMATION SUMMARY

1. Information from: Bruce Coomer

Company: Redtail Mining (c)

Address: P.O. Box 598

Congress, AZ 85332

2. Phone: 427-3553

3. Mine: GEORGE WASHINGTON

4. ADMMR Mine File: Same

5. County: Yavapai

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

Mr. Coomer reports that Highland Resources has been doing the mining at the George Washington Mine and trucking the material to the Redtail Millsite. The Redtail Millsite is now leased to Sonora Development (who is believed to be associated with Highland Resources) will be doing the milling.

Date: September 28, 1988

Nyal J. Niemuth, Mining Engineer

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Date: September 28, 1988

Nyal J. Niemuth, Mining Engineer

ARIZONA DEPARTMENT OF MINERAL RESOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: Eugene Bender
Address: 401 N. 27th Avenue, Phoenix
2. Mine: George Washington 3. No. of Claims - Patented _____
Unpatented 8
4. Location: N of Monte Christo mine, 1 1/4 miles N.E. of Wickenburg
5. Sec 29, 32, 33 Tp 9 N. Range 3 W. 6. Mining District Black Rock
7. Owner: P. F. O'Brien
8. Address: 3202 W. 67th Pl. Scottsdale
9. Operating Co.: _____
10. Address: _____
11. President: _____ 12. Gen. Mgr.: _____
13. Principal Metals: Gold 14. No. Employed: _____
15. Mill, Type & Capacity: None
16. Present Operations: (a) Down (b) Assessment work (c) Exploration
(d) Production (e) Rate _____ tpd.
17. New Work Planned: Build mill & drift under old workings and raise on orebody
to connect old workings.
18. Misc. Notes: Bender believes he can drive an adit to vein and then raise to
old workings and pass the ore, which he believes is left in the old workings,
down to haulage level. He believes there is enough oxide gold ore to build
a small mill, which would be used as a custom mill to treat considerable
quantities of other ore he believes is available in the near vicinity.

Date: 9-28-67

Robt. F. Playter
(Signature) Robt. F. Playter (Field Engineer)

4TOS

GEORGE WASHINGTON #1

T9N-R3W Sec. 29

PRELIMINARY EVALUATION

of the

HESS PROSPECT

Yavapai County, Arizona

Prepared for

CANQUEST RESOURCE CORP.

By

Arthur J. Pansze, Ph.D.

October 20, 1987

CRUSON & PANSZE, GEOLOGISTS

GEOLOGY

Precambrian granite and granite gneiss form the country rocks of the district. Intermediate-composition dikes of Laramide (Cretaceous-Tertiary) or Tertiary age cut the Precambrian rocks.

A series of quartz veins strike east-west ($\pm 15^\circ$) and dip steeply north across the prospect. Three separate veins have been identified; two of these were examined in the field.

Vein quartz varies from vitreous and translucent to milky and is white or white with a gray tint. At or near the surface the veins are hematite stained, contain thin zones of chlorite-hematite, and are cut by tiny veinlets of pyrite, covellite, and chalcocite (?); pyrite is partially oxidized to limonite (jarosite or goethite).

The vein structures appear moderately consistent along strike but were not mapped in detail. Vein width is quite variable and pinches and swells from 1-2 ft to 10-15 ft.

One surface and four underground samples were taken from the principal Atos vein. Results (appendix) varied from less than .005 opt to 0.112 opt gold. Silver was 0.5 opt or less. These results agree with sampling by Ruetz (1987).

Two sets of additional workings are on or near extension of the Atos vein(s) to the east. One-half mile east of Atos is the George Washington mine. A 1940 report by the owner claimed 3,000 tons of proven ore and 500,000 tons of probable ore with grades of 0.6-1.0 opt gold (Loncar, 1940). There is no confirmation of

Table 1: Sample Description and Assays - Jack-He Claims

Sample #	Description	Gold (oz/ton)	Silver (oz/ton)
378	2.5 ft chip sample across footwall of surface exposed vein about 400 ft on strike to east of Eric shaft. White bull qtz vein material, Trace FeOx.	.006	Nil
379	2.0 ft chip sample across hangwall of vein (same location as 378). Mixed white stringer qtz and gneiss with strong FeOx stain.	.017	.06
380	4.0 ft chip across back in Super X Tunnel (see map). White crystalline qtz vein, crushed footwall, trace FeOx.	.023	Nil
381	3.0 ft chip across fractured footwall of vein (Super X Tunnel-see map). Trace specularite.	.155	.08
382	4.5 ft chip across hangwall portion of vein (same location as 381). Central fractured zone with CuOx and massive hangwall.	.037	.17
383	3.0 ft chip across footwall portion of vein (Super-X Tunnel-see map). Massive crystalline qtz vein material with mod. FeOx stain.	.040	Nil
384	4.0 ft chip across hangwall portion of vein (same location as 383). Locally vuggy qtz plus trace CuOx and strong FeOx.	.248	Nil
385	4.0 ft chip across footwall portion of vein (Super-X Tunnel-see map). Crystalline qtz vein with trace CuOx and minor ribbon qtz plus FeOx.	.031	Nil

ATOS

George Washington (A)

T9N-R3W Sec. 29

PRELIMINARY EVALUATION

of the

ATOS PROSPECT

Yavapai County, Arizona

Prepared for

CANQUEST RESOURCE CORP.

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Arthur J. Pansze, Ph.D.

October 20, 1987

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INTRODUCTION

The Atos prospect is in sections 29, 30, 31, and 32, T9N, R3W, in the Wickenburg Mountains, Yavapai County, Arizona. One day was spent examining the property at the request of Messrs. Jon Stewart and John Bissett of CanQuest Resource Corp. Objective of the visit was to evaluate the gold potential of the prospect.

The Atos is in the Black Rock district. Total district production has been about 12, 200 oz gold, most of which came from the gold bar mine (Kroschmann and Bergandahl, 1968, U.S.G.S. Prof. Paper 610, p. 47). Production from the Atos mine is reportedly 900 tons of unknown grade (Ruetz, 1987, unpubl. rept., p. 1).

these grades or tonnages. Another 1.25 miles east from the George Washington is the Gold Bar with approximately 9,500 oz Au production (Koschmann and Bergendahl, 1968 p. 47). These various workings could represent ore shoots along the same general vein system. Additional field work is necessary to confirm this hypothesis.

Sample Descriptions

- A-1 Composite chip sample from surface outcrop. Quartz vein with strong hematite; some thin (2-3") zones of chlorite-hematite-quartz; thin veinlets of pyrite-covellite-chalcocite (?); some jarosite. Vein N65E, 63N. Some brecciation of quartz vein. Vein width 7-10 ft.
- A-2 Composite chip sample from underground. Quartz vein near ore chute no. 6 at 585 ft into edit. No significant copper oxides visible. Vein approx. 8 ft wide.
- A-3 Composite chip sample from underground. Quartz vein near ore chute no. 7. Vein contains moderate copper oxide staining and is approx. 8 ft wide. Sample from across back.
- A-4 Composite chip sample from underground. Quartz vein near ore chute no. 1 at 450 ft into edit. Vein has wuggy, open-space character with multiple stages of quartz deposition; strong iron oxide staining.
- A-5 Composite chip sample from underground. Quartz vein with strong copper staining near winze.

GEORGE WASHINGTON (F) YAV. CO. PA

84419106
Angel
~~10178200~~

DMC MINING
131 Crest Way
Yarnell, AZ 85362

APR 26 1988

10178200

April 26, 1988

Mr. Jim Mott
Arizona State Mining Inspector
1700 Washington
Phoenix, AZ

RECEIVED
JUN 16 1988

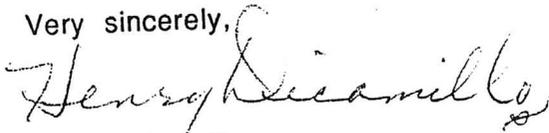
Dear Sir:

This is to advise you that we are opening the George Washington Mine on Constellation Road in Yavapai County.

I hereby request you to inspect the diesel loader and powder magazines.

Thank you.

Very sincerely,



Henry Dicamillo
DMC Mining

May 22, 1944

MEMORANDUM

TO: B. W. Brown
FROM: Chas. H. Dunning

GEORGE WASHINGTON MINE
Steve Loncar

I talked with Gohring about the Loncar matter and as he has had several sessions with Loncar, he appreciates that you may have had difficulties.

The facts of the case are somewhat different than you set forth. The \$10,000 loan was obtained and spent by Loncar before Lofquist appeared in the picture. What the deal was between Loncar and Lofquist we do not know, but the R.F.C. approved and some ore was shipped and some money repaid the R.F.C. There was only a small amount of ore. It didn't look good and Lofquist apparently quit.

There is absolutely no thought of any foreclosure on this or any other of the R.F.C. loans. There are only one or two instances where they have ever foreclosed and they were special cases which needed special protection. However, they will still maintain a lien against any production, or if this money has been used for equipment, they have a lien against that equipment.

CHD:LP

12 July 1940

Mr. Steve Loncar,
Wickenburg,
Arizona.

Dear Mr. Loncar:

I have your letter of July 11 in which you state that there is no change in the set up on the George Washington Mine and the Bull Hill Groups.

I shall be glad to refer anyone inquiring for properties such as yours to you.

I am returning the copies of the reports for your records.

With best wishes, and assuring you of my desire to be helpful, I am

Yours very truly,

J. S. Coupal
Director

JSC-jrf
encls.

Wickenburg, Arizona
July 11, 1940

Mr. J. S. Coupal,
Director of Mineral Resources,
Capitol Building,
Phoenix, Arizona

Dear Mr. Coupal:

Thank you for your letter of July 5th enclosing nine reports on the Geo. Washington and Bull Hill groups.

There are no changes in the set-up of things and should you get in touch with anyone who would like to help develop some of the mineral resources of Arizona, you might send him my way and we could get together on some kind of a deal which would be mutually satisfactory.

With kindest regards and every good wis,

Very truly,

Steve Loncar

Encl

Steve Loncar

P. S. I am returning the copies you enclosed.

ARIZONA DEPARTMENT OF MINERAL RESOURCES
Mineral Building, Fairgrounds
Phoenix, Arizona

1. Information from: Eugene Bender
Address: 401 N. 27th Avenue, Phoenix
2. Mine: George Washington 3. No. of Claims - Patented 8
Unpatented _____
4. Location: N of Monte Christo mine, 1 1/4 miles N.E. of Wickenburg
5. Sec 29, 32, 33 Tp 9 N. Range 3 W. 6. Mining District Black Rock
7. Owner: P. F. O'Brien
8. Address: 3202 W. 67th Pl. Scottsdale
9. Operating Co.: _____
10. Address: _____
11. President: _____ 12. Gen. Mgr.: _____
13. Principal Metals: Gold 14. No. Employed: _____
15. Mill, Type & Capacity: None
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down to haulage level. He believes there is enough oxide gold ore to build
a small mill, which would be used as a custom mill to treat considerable
quantities of other ore he believes is available in the near vicinity.

Date: 9-28-67

Robt. F. Playter
(Signature) Robt. F. Playter (Field Engineer)

these grades or tonnages. Another 1.25 miles east from the George Washington is the Gold Bar with approximately 9,500 oz Au production (Koschmann and Bergendahl, 1968 p. 47). These various workings could represent ore shoots along the same general vein system. Additional field work is necessary to confirm this hypothesis.

POTENTIAL

Additional pods and shoots of ore are likely to exist within the east-west-striking vein sets. Analogy would indicate these ores would run 0.1-0.25 opt gold and that individual orebodies would contain a few thousand tons of rock at these grades.

Exploration for additional ore shoots along the vein will be expensive and inconclusive. Drilling can be done at reasonable cost and will define structures (faults) but will not prove grades or tonnages. Underground exploration by drifting, cross-cutting, and raising would provide more definitive information but would also be slower and much more expensive.

Current economics indicate that a minimum average grade of 0.25-0.30 opt gold over a 5-6 ft mining width is necessary to make a profit on underground production. If the ore can be heap leached the break-even grade can be decreased by about 0.03 opt to 0.22-0.27 opt gold.

The Atcos system does not have good potential for discovery of significant reserves at grades exceeding 0.10-0.15 opt gold. The prospect therefore appears uneconomic at current prices (\$460/oz gold).

Sample Descriptions

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- A-5 Composite chip sample from underground. Quartz vein with strong copper staining near winze.

CERTIFICATE

I, Arthur John Pansze, Jr., of Golden, Colorado, U.S.A., do hereby certify that:

1. I am a consulting geological engineer with offices at 1019 Eighth Street, Suite 300, Golden, Colorado, U.S.A. 80401.
2. I am a graduate of the Colorado School of Mines with a degree of Geological Engineer (1963) and a Ph.D. in Geology (1971).
3. I have practiced my profession continuously since graduation (1971). I was employed by Exxon Minerals Company for over six (6) years. I have been an independent geologist and partner in Cruson and Pansze, Geologists since 1971.
4. This report is based on a visit to the property and a brief literature review.
5. I have no interest, either direct or indirect, in the properties of CarQuest Resource Corp., nor their subsidiaries, nor do I expect to receive or acquire any such interest.
6. I am a member in good standing in the Society of Independent Professional Earth Scientists (Certification No. 734) and the Division of Professional Affairs of AAPG (Certification No. 2346).

Arthur J. Pansze



Arthur J. Pansze, Ph.D.
October 14, 1987
Golden, Colorado U.S.A.

CONE
GEOCHEMICAL INC.
#10 Quail Street, Suite 1
Newwood, Colorado 80215
(303) 232-8371

Job 1245
18-Sep-87
Page 1

**FIRE ASSAY
REPORT**

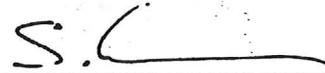
Mr. Art J. Pansze
Cruson and Pansze
1019 8th St., #300
Golden, CO 80401

PO #
PROJECT

SAMPLE NUMBER	OZ/TON GOLD	OZ/TON SILVER
A-1	0.110	0.50
A-2	<.005	<.05
A-3	0.112	0.23
A-4	0.096	<.05
A-5	0.020	<.05

METHOD

1 AT 1 AT


Steve Cone, General Manager

* GENERAL REFERENCES

REFERENCE 1 F1 < ARGMT FILE A7 (CLIPPINGS FILES) _____

REFERENCE 2 F2 < AZ DEPT MIN RES. FILE DATA _____

REFERENCE 3 F3 < USBM-ARGMT FILE DATA _____

REFERENCE 4 F4 < _____

U.S. CRIB-SITE FORM
RECORD IDENTIFICATION

RECORD NUMBER B10 < _____ > RECORD TYPE B20 < X, 1, M > DEPOSIT NUMBER B40 < _____ >

REPORT DATE G1 < 8.14.10 > INFORMATION SOURCE B30 < 1, 2 > FILE LINK IDENT. B50 < USBM 004 025 0765 >

REPORTER(SUPERVISOR) G2 < Roth Frances A > (last, first, middle initial) (Dewitt Ed) (last, first, middle initial)

REPORTER AFFILIATION G5 < ARGMT > SITE NAME A10 < George Washington Mine >

SYNONYMS A11 < WASHINGTON, GEORGE >

LOCATION

MINING DISTRICT/AREA A30 < Black Rock District > STATE A50 < A, Z > COUNTRY A40 < U, S >

COUNTY A60 < Yavapai >

PHYSIOGRAPHIC PROV A63 < 1, 2, 3 >

DRAINAGE AREA A62 < 1, 5, 0, 7, 0, 1, 0, 3, 4 >

QUADRANGLE NAME A90 < Morgan Butte > (1, 9, 6, 9, 1) LAND STATUS A64 < 0, 0, 1, 1, 1, 1, 1, 1 >

SECOND QUAD NAME A92 < _____ > QUADRANGLE SCALE A100 < 2, 4, 0, 0, 0 >

ELEVATION A107 < 2, 9, 6, 0, 0, F, T > SECOND QUAD SCALE A91 < _____ >

UTM

NORTHING A120 < 3, 7, 7, 2, 5, 6, 0 >

EASTING A130 < 3, 5, 2, 0, 0, 0 >

ZONE NUMBER A110 < 1, 1, 2 >

ACCURACY

ACCURATE (ACC) (circle)

ESTIMATED EST < _____ >

GEODETIC

LATITUDE A70 < _____ N >

LONGITUDE A80 < _____ W >

CADASTRAL

TOWNSHIP(S) A77 < 10, 0, 9, N > RANGE(S) A78 < 10, 0, 3, W >

SECTION(S) A79 < 31 >

SECTION FRACTION(S) A76 < NW OF NE OF NE >

MERIDIAN(S) A81 < Gila and Salt River >

POSITION FROM NEAREST PROMINENT LOCALITY A82 < 3.9 miles NW of Morgan Butte >

LOCATION COMMENTS A83 < location taken from center of shaft symbol, 2nd shaft directly southwest of first one >

* ESSENTIAL INFORMATION
- ESSENTIAL SOMETIMES OR HIGHLY RECOMMENDED

COMMODITY INFORMATION

COMMODITIES PRESENT C10 < C.U. PRD. >
 ORE MINERALS C30 < UNKNOWN, G. >
 COMMODITY SUBTYPES C41 < >
 GEN. ANALYTICAL DATA C43 < >
 COM. INFO. COMMENTS C50 < >

SIGNIFICANCE

	PRODUCER	NON-PRODUCER
MAJOR PRODUCTS	MAJOR < C.U. PRD. >	MAIN COMMODITIES PRESENT C11 < >
MINOR PRODUCTS	MINOR < C.U. PRD. >	MINOR COMMODITIES PRESENT C12 < >
POTENTIAL PRODUCTS	POTEN < >	
OCCURRENCES	OCCUR < >	OCCURRENCES OCCUR < >

*PRODUCTION

PRODUCTION YES (circle) PRODUCTION SIZE SML MED LGE (circle one) | PRODUCTION UND NO (circle one)

STATUS EXPLORATION OR DEVELOPMENT

PRODUCER | NON-PRODUCER
 STATUS AND ACTIVITY A20 < H > | STATUS AND ACTIVITY A20 < L >

DISCOVERER L20 < >
 YEAR OF DISCOVERY L10 < 1980'S > NATURE OF DISCOVERY L30 < B > YEAR OF FIRST PRODUCTION L40 < 1941 > YEAR OF LAST PRODUCTION L45 < 1950 >
 PRESENT/LAST OWNER A12 < STEVE LONGAR (1940) >
 PRESENT/LAST OPERATOR A13 < H.B. THAYER, STEVE LONGAR (1940) >
 EXPL./DEV. COMMENTS L110 < 7 UNPATENTED CLAIMS COMPRISE GEORGE WASHINGTON. A PATENTED CLAIM GROUP (M.S. 2000) LIES SOUTH OF THE MINE AND EXTENDS TO THE WEST-SOUTHWEST, BUT IS APPARENTLY NOT ASSOCIATED WITH THE GEORGE WASHINGTON >

DESCRIPTION OF DEPOSIT

DEPOSIT TYPE(S) C40 < VEIN >
 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 < > UNITS M51 < >
 DEPOSIT SIZE M15 < SMALL > M15 < MEDIUM > M15 < LARGE > (circle one) MAXIMUM THICKNESS M60 < 10 > UNITS M61 < FT >
 STRIKE M70 < > DIP M80 < >
 DIRECTION OF PLUNGE M100 < > PLUNGE M90 < >
 DEP. DESC. COMMENTS M110 < ACCURATE ORIENTATION OF VEINS NOT REPORTED. >

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 < 4 SHAFTS AND 4 TUNNELS, 200 FT DRIFT TUNNEL, 30 FT WINZE >

GEOLOGY

AGE OF HOST ROCK(S) K1 < P.R.O.T., T.E.R.T., U. UNDATED, BUT PROBABLY 750 MILLION YEARS AND OLDER; UNDATED, PROBABLY PALEOCENE-MIOCENE >
 HOST ROCK TYPE(S) K1A < GRANODIORITE, GRANITE, GRANITIC GNEISS, SCHIST; RHYOLITE ANDESITE >
 AGE OF IGNEOUS ROCK(S) K2 < P.R.O.T., T.E.R.T., U. AS LINE K1 >
 IGNEOUS ROCK TYPE(S) K2A < GRANODIORITE, GRANITE, RHYOLITE, ANDESITE (?) >
 AGE OF MINERALIZATION K3 < P.A.L.E.O.-M.I.D., U. UNDATED, PROBABLY MID-TERTIARY >
 PERT. MINERALS (NOT ORE) K4 < QUARTZ >
 ORE CONTROL/LOCUS K5 < FAULTING, SHEARING, IGNEOUS ACTIVITY - DIKES >
 MAJ. REG. TRENDS/STRUCT N5 < FOLiation IN PRECAMBRIAN SCHIST AND GNEISS TRENDS N32E TO N65E >
 TECTONIC SETTING N15 < >
 SIGNIFICANT LOCAL STRUCT. N70 < VEINS (AND GENETICALLY-RELATED (?) DIKES TEND N10W TO N40W AND CROSSCUT PRECAMBRIAN FABRIC >
 SIGNIFICANT ALTERATION N75 < MINOR TO NONE >
 PROCESS OF CONC./ENRICH. N80 < OXIDATION AT NEAR SURFACE >
 FORMATION AGE N30 < P.R.O.T., U. UNDATED, PROBABLY 1750 MILLION YEARS OR OLDER >
 FORMATION NAME N30A < UNNAMED GNEISS, SCHIST >
 SECOND FM AGE N35 < >
 SECOND FM NAME N35A < >
 IGNEOUS UNIT AGE N50 < P.R.O.T., U. AS LINE N30 >
 IGNEOUS UNIT NAME N50A < UNNAMED GRANODIORITE, GRANITE >
 SECOND IG. UNIT AGE N55 < P.A.L.E.O.-M.I.D., U. UNDATED, PROBABLY MID-TERTIARY >
 SECOND IG. UNIT NAME N55A < UNNAMED RHYOLITE ANDESITE (?) DIKES >
 GEOLOGY COMMENTS N85 < DEPOSIT IS HIGH-ANGLE QUARTZ VEIN WHICH IS ASSOCIATED WITH RHYOLITE OR ANDESITE DIKES OF PROBABLE MID-TERTIARY AGE THAT CUT PRECAMBRIAN IGNEOUS AND METAMORPHIC ROCKS >

GENERAL COMMENTS

GENERAL COMMENTS GEN < >

MG-42

DEPARTMENT OF MINERAL RESOURCES

STATE OF ARIZONA

OWNERS MINE REPORT

Date April 2, 1940.

- 1. Mine **George Washington Mine.**
- 2. Mining District & County **Black Rock District
Yavapai County,**
- 3. Former name
- 4. Location **Black Rock Mining District,
Yavapai County, 14 miles from Wickenburg,
Ariz. 1 3/4 miles Northwest of postoffice
at Constellation, Ariz., in sec. 29, 32, 33**
- 5. Owner **Steve Loncar.** ✓
- 6. Address (Owner) **P. O. Box 446
Wickenburg, Arizona.**
- 7. Operator **Steve Loncar.**
- 8. Address (Operator) **Same.**
- 9. President **None**
- 10. Gen. Mgr. **None**
- 11. Mine Supt. **None**
- 12. Mill Supt. **None**
- 13. Principal Metals **Gold, Silver and Lead**
- 14. Men Employed **None**
- 15. Production Rate **None**
- 16. Mill: Type & Cap. **None**
- 17. Power: Amt. & Type **None**
- 18. Operations: Present **None**
- 19. Operations Planned **Sinking and drifting**
- 20. Number Claims, Title, etc. **Seven unpatented claims.**
- 21. Description: Topography & Geography **Hilly ground, elevation 3750 feet.**
- 22. Mine Workings: Amt. & Condition **Four shafts and four tunnels, all in good
condition and open.**

23. Geology & Mineralization Co. core is granite and andesite porphyry. Footwall of vein is granite and hanging wall is andesite porphyry and crystallized quartz containing galena. Vein matter is black and red oxidized quartz, with part of vein consisting of spar lime.
24. Ore: Positive & Probable, Ore Dumps, Tailings Approximately 3,000 tons blocked out.
Probable ore 500,000 tons. Approximately 150 tons of shipping ore on dump.
- 24-A Vein Width, Length, Value, etc. Average width of vein 8 to 10 feet, in some places $17\frac{1}{2}$ feet.
Average value of vein over 8 to 10 feet \$12 to \$20 a ton.
Three foot high grade stringer in center of main vein averages \$218.60. These assays taken by Government supervising engineer.
25. Mine, Mill Equipment & Flow Sheet No equipment or mill; all hand work.
26. Road Conditions, Route Graded dirt road from Wickenburg, Arizona to where the trail turns off to camp, one mile past Constellation, Arizona Postoffice; Road maintained by county and in fair condition. Property $1\frac{1}{2}$ miles from road by trail. Point where trail turns off to property is 13 miles Northeast of Wickenburg on road to Gold Bar Mine and Constellation, Arizona.
27. Water Supply Well 18 feet deep for domestic use. Hassayampa River approximately $1\frac{1}{2}$ miles northwest of property, Approximately 300 ft. lower than property.
28. Brief History First located approximately 60 years ago, and worked intermittently since then. Present locator located property in 1924.
29. Special Problems, Reports Filed Report filed with A. W. Goring, Government Supervising Engineer, 405 Heard Building, Phoenix, Arizona. Report also on file with Sam Coupal, Director of State Dept. of Mineral Resources, and with Carl Barth, field engineer for Dept. of Mineral Resources.
30. Remarks
31. If property for sale: Price, terms and address to negotiate. Not for sale at present time; to be operated by present owner through a Government Loan.
Address: Steve Loncar. Property could be obtained by paying off government
P. O. Box 446 Wickenburg, Ariz. loan and then entering into a contract agreeable to both parties.
32. Signed.....Steve Loncar.....
33. Use additional sheets if necessary.

MG-42

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
MINE OWNER'S REPORT

Date APRIL 2, 1940.

- 1. Mine **GEORGE WASHINGTON MINE.**
- 2. Location **BLACK ROCK MINING DISTRICT, YAVAPAI COUNTY, 14 MILES FROM WICKENBURG, ARIZONA. 1 3/4 MILES NORTHWEST OF POST-OFFICE AT CONSTELLATION, ARIZONA, IN SECTIONS 29, 32 AND 33.**
- 3. Mining District & County **BLACK ROCK DISTRICT, YAVAPAI COUNTY.**
- 4. Former name **NONE.**
- 5. Owner **STEVE LONGAR.** ✓
- 6. Address (Owner) **P. O. Box 446, WICKENBURG, ARIZONA.**
- 7. Operator **STEVE LONGAR.**
- 8. Address (Operator) **SAME.**
- 9. President, Owning Co. **NONE.**
- 9A. President, Operating Co. **NONE.** ✓
- 10. Gen. Mgr. **NONE.**
- 11. Mine Supt. **NONE.**
- 12. Mill Supt. **NONE.**
- 13. Men Employed **NONE.**
- 14. Principal Minerals **GOLD, SILVER AND LEAD.** ✓
- 15. Production Rate **NONE.**
- 16. Mill: Type & Cap. **NONE.**
- 17. Power: Amt. & Type **NONE.** ✓
- 18. Operations: Present **NONE.**
- 19. Operations: Planned **SINKING AND DRIFTING.**
- 20. Number Claims, Title, etc. **SEVEN UNPATENTED CLAIMS.**
- 21. Description: Topography & Geography **HILLY GROUND, ELEVATION 3750 FEET.**
- 22. Mine Workings: Amt. & Condition **FOUR SHAFTS AND FOUR TUNNELS, ALL IN GOOD CONDITION AND OPEN.**

23. Geology & Mineralization COUNTRY ROCK IS GRANITE AND ANDESITE PORPHYRY. FOOTWALL OF VEIN IS GRANITE AND HANGING WALL IS ANDESITE PORPHYRY AND CRYSTALLIZED QUARTZ CONTAINING GALENA. VEIN MATTER IS BLACK AND RED OXIDIZED QUARTZ, WITH PART OF VEIN CONSISTING OF SPAR LIME.
24. Ore: Positive & Probable, Ore Dumps, Tailings APPROXIMATELY 3,000 TONS BLOCKED OUT. PROBABLE ORE 500,000 TONS. APPROXIMATELY 150 TONS OF SHIPPING ORE ON DUMP.
- 24A. Dimensions and Value of Ore body AVERAGE WIDTH OF VEIN 8 TO 10 FEET, IN SOME PLACES 17½ FEET. AVERAGE VALUE OF VEIN OVER 8 TO 10 FEET \$12. TO \$20 A TON. THREE FOOT HIGH GRADE STRINGER IN CENTER OF MAIN VEIN AVERAGES \$218.60. THESE ASSAYS TAKEN BY GOVERNMENT SUPERVISING ENGINEER.
25. Mine, Mill Equipment & Flow-Sheet NO EQUIPMENT OR MILL; ALL HAND WORK.
26. Road Conditions, Route GRADED DIRT ROAD FROM WICKENBURG, ARIZONA TO WHERE TRAIL TURNS OFF TO CAMP, ONE MILE PAST CONSTELLATION, ARIZONA POSTOFFICE; ROAD MAINTAINED BY COUNTY AND IN FAIR CONDITION. PROPERTY 1½ MILES FROM ROAD BY TRAIL. POINT WHERE TRAIL TURNS OFF TO PROPERTY IS 13 MILES NORTHEAST OF WICKENBURG ON ROAD TO GOLD BAR MINE AND CONSTELLATION, ARIZONA.
27. Water Supply WELL 18 FEET DEEP FOR DOMESTIC USE. HASSAYAMPA RIVER APPROXIMATELY 1½ MILES NORTHWEST OF PROPERTY, APPROXIMATELY 300 FEET LOWER THAN PROPERTY.
28. Brief History FIRST LOCATED APPROXIMATELY 60 YEARS AGO, AND WORKED INTERMITTENTLY SINCE THEN. PRESENT LOCATOR LOCATED PROPERTY IN 1924.
29. Special Problems, Reports Filed REPORT FILED WITH A. W. GORING, GOVERNMENT SUPERVISING ENGINEER, 405 HEARD BUILDING, PHOENIX, ARIZONA. REPORT ALSO ON FILE WITH SAM COUPAL, DIRECTOR OF STATE DEPT. OF MINERAL RESOURCES, AND WITH CARL BARTH, FIELD ENGINEER FOR DEPT. OF MINERAL RESOURCES.
30. Remarks
31. If property for sale: Price, terms and address to negotiate. NOT FOR SALE AT PRESENT TIME; TO BE OPERATED BY PRESENT OWNER THROUGH A GOVERNMENT LOAN. PROPERTY COULD BE OBTAINED BY PAYING OFF GOVERNMENT LOAN AND THEN ENTERING INTO A CONTRACT AGREEABLE TO BOTH PARTIES.
- ADDRESS: STEVE LONGAR.
P. O. Box 446,
WICKENBURG, ARIZ.
32. Signature *Steve Longar*
33. Use additional sheets if necessary

May 18, 1944

DEPT. MINERAL RESOURCES

RECEIVED

MAY 20 1944

PHOENIX

ARIZONA

MEMORANDUM

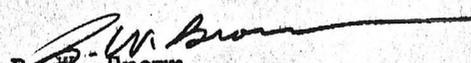
TO: C. H. Dunning, Director
FROM: B. W. Brown, Field
SUBJECT: George Washington Mine, Steve Loncar, owner

Mr. Steve Loncar in discussing with me his troubles relative to the George Washington mine in the Balck Rock District of Yavapai County presented a problem which I believe this department might well take up. Steve as you know is very difficult to understand when he is excited (being of Austrian origin) and when I talked over his troubles with him he was very much excited. This is his story as I understand it:

Steve owns a gold mine called the George Washington which he sold on bond and lease terms to a man by the name of Lofquist. Lofquist got an RFC loan on the property of something like \$10,000 and Steve signed the note. Steve tells me that Lofquist never fulfilled his part of the contract- did not pay Steve and did not pay on the RFC note. Lofquist is, however, trying to hold his contract on a war clause (act of God) even though he was in default before the war (I am told). The note is due next month. Steve is having difficulty in interesting anyone in the property because of the legal difficulties involved in the actions of Mr. Lofquist and, also, because no one can prudently predict the future of gold.

That is the story. But that has nothing to do with my thoughts on this case. Here are my thoughts:

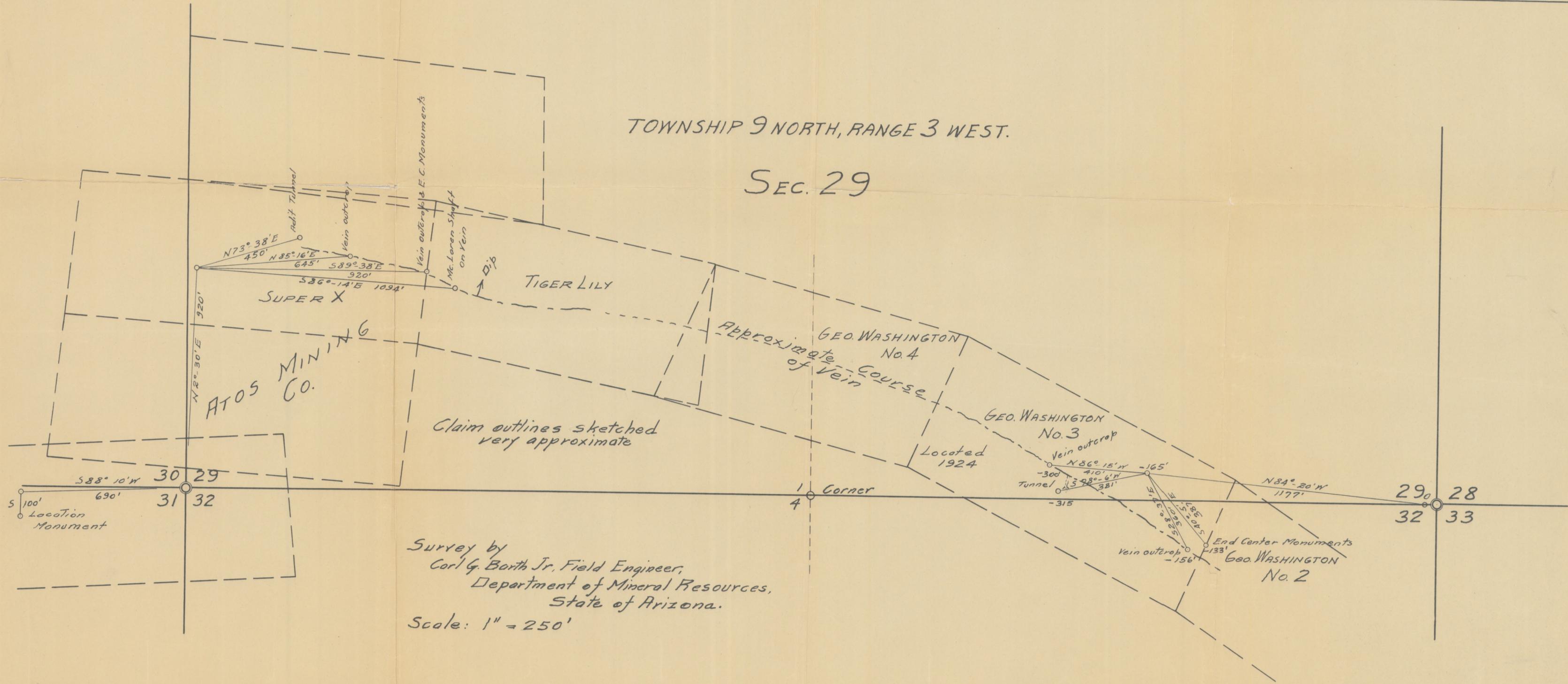
The government closed the gold mines through L-208. It appears to me unfair that a government agency (RFC) should hold this man to his note without a time extension equal at least to the duration. The property is strictly a gold property and if the government should foreclose without an extension in time it is my thought that they are working an injustice on this man. There is the possibility, also, that the government is leaving itself open for claim at a later date.


B. W. Brown

P.S./ If you can get anything definite by way of an RFC policy on a case of this nature I think it will add a few years of life to Mr. Loncar.

TOWNSHIP 9 NORTH, RANGE 3 WEST.

SEC. 29



ATOS MINING CO.

TIGER LILY

Approximate Course of Vein

GEO. WASHINGTON No. 4

GEO. WASHINGTON No. 3

GEO. WASHINGTON No. 2

Claim outlines sketched very approximate

Survey by
Carl G. Barth Jr, Field Engineer,
Department of Mineral Resources,
State of Arizona.
Scale: 1" = 250'

Location Monument
5 100'
690'
588° 10' W

30 29
31 32

1 Corner
4

Located 1924
Vein outcrop
Tunnel
N 86° 15' W -165'
410'
N 88° 06' W -381'
-315

N 84° 20' W 1177'
29 28
32 33

End Center Monuments
133'
156'