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Arizona Department of Mines and Mineral Resources Mining Collection

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PRINTED: 10/18/2001

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: JUNO

ALTERNATE NAMES:
BOULDER DAM
ILLINOIS CLAIM

MOHAVE COUNTY MILS NUMBER: 135A

LOCATION: TOWNSHIP 24 N RANGE 18 W SECTION 33 QUARTER SE
LATITUDE: N 35DEG 25MIN 18SEC LONGITUDE: W 114DEG 12MIN 31SEC
TOPO MAP NAME: CHLORIDE - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
SILVER
LEAD SULFIDE
GOLD LODE
COPPER SULFIDE
ZINC SULFIDE

BIBLIOGRAPHY:
ADMMR JUNO MINE FILE
MALACH, ROMAN MOHAVE COUNTY MINES, P. 23 1977
RABB, DAVE-RECOVERY METAL VALUES AGS OFR80-14
ADMMR MOHAVE CUSTOM MILL PROJECT
HAURY, P.S. "ZINC-LEAD MINES IN WALLAPAI MNG DIST, MOH. CTY, AZ" USBM RI 4101, P 19-20
ELSING, M.J. "AZ METAL PRODUCTION" AZBM BULL 140, P 95; 1936
DINGS, M. "WALLAPAI MNG DIST, CRBT MTNS, AZ" USGS BULL 978-E, P. 147; 1951
AZ. STATE MINE INSP. ANL RPT, P. 4; 1945
ADMMR GEO FILE GREAT BASIN GEM JT VENTURE V 3
SCHRADER, F.C. "MIN. DPSTS OF CRBT RNGE, BLCK MTNS, GRND WSH CLFS, AZ" USGS BULL 397, P 78

10/14/88

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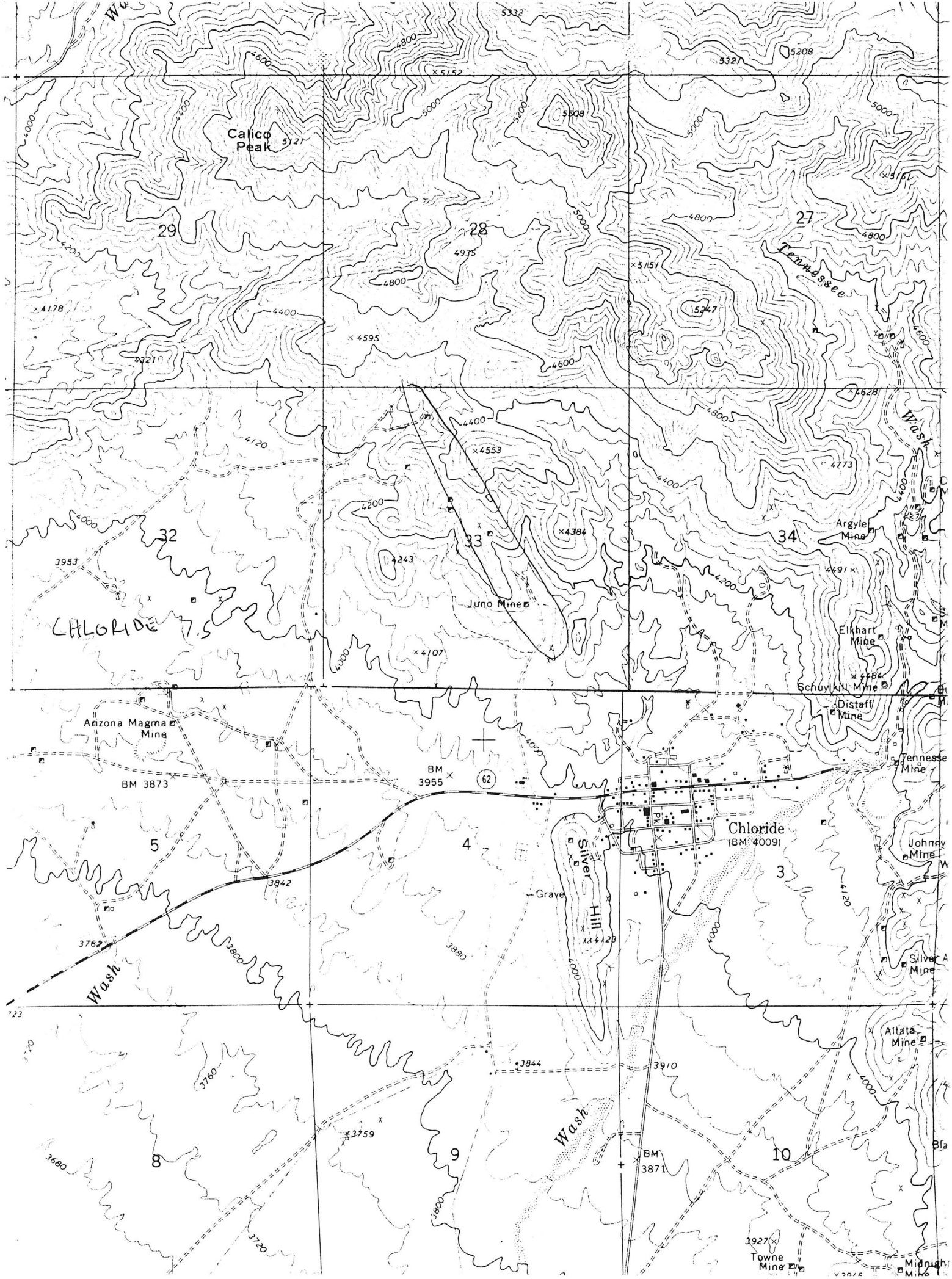

Calico Peak
29
28
27
Tennessee
Wash
32
33
34
Argyle Mine
Juno Mine
CHLORIDE 7.5
Elkhart Mine
Schuylkill Mine
Distaff Mine
Arizona Magma Mine
BM 3873
BM 3955
62
Tennessee Mine
Chloride
(BM 4009)
Johnny Mine
5
4
3
Silver Hill
Grave
Silver Mine
Wash
Altata Mine
8
9
10
BM 3871
Towne Mine

NAME: JUNO (K) COUNTY: MOHAVE

Chloride 7½'

T24N R 18 W SEC. 33 Elev 4120 DISTRICT: WALLAPI (CHLORIDE)

S. Central

Mineralization: Cu Pb Zn Au Ag

Geology:

Type Operation: Gold

Production: 1931 - 1948 1239oz Au 43,128oz Ag 4,317 lb Cu 235,498 lb Pb 54,168 lb Zn

Mohave Co. Mines

References: [illegible] Bp 1½, [illegible] p.23

clipping file

Mohave Cty Card File

Hulda

Brown, Floyd Gold Cliff Central Mining Co.
~~Box 145~~ Kingman, Arizona 1-28-40
~~Chloride, Arizona~~

See MJ-4 - Re Owners Mine Report (Owner Producers Mines Co.)
JUNO MINE, Mohave Co.

Mohawk mine

BEAUCHAMP, J. H. Box 295
Kingman, Ariz. 5-1-43

See JUNO MINE - Re development loan application.
See JUNO MINE - Re gas application 11-7-44

JUNO MINE

Au, Ag, Pb

Mohave 8 - 7 T 23 N, R 18 W

Producers Mines Co., Chloride '44

NAME OF MINE: JUNO

COUNTY: MOHAVE
DISTRICT:
METALS: PB,ZN

OPERATOR AND ADDRESS:		MINE STATUS	
DATE:		DATE:	
5/1/44	J. H. Beachamp, Box 295, Kingman, Arizona	5/1/44 7/44	Developing Shipping to Midvale, Utah smelter

JUNO MINE MOHAVE COUNTY

This property idle. Mark Gemmill
5-27-57

Richard V. Wyman, Pres., Intermountain Exploration Co., P.O. Box 398, St. George, Utah, was in the office and says that they have acquired this property and have cleared the loan.
2-9-61 LP

Information from the E/MJ International Directory of Mining 1981 - Now working the Juno Mine - Arizona Juno Resources, Inc., P.O. Box 216, Chloride, AZ 86403. Mine is now under development, both underground and open pit.

KAP WR 2/26/82: Juno Mine, Chloride District, Mohave County. Here Resources Partners has leased the dumps and is loading the dump material and is hauling it to a stockpile at the PAC project sight. There the material will be screened and coarse fraction heaped for leaching. The fine fraction which contains considerable clay will be agglomerated prior to leaching.

NJN WR 5/19/82: Production data was received from Don Gest with the Bureau of Geology and Mineral Technology on the following mines:

Juno Mine - 1,539 oz. Au.; 41,176 oz. Ag.; 235,500 lb. Pb.; 154,138 lb. Zn; 4,547 lb. Cu; produced from 7,088 tons years 1919-1945.

R/H

Juno Mine file
Mohave Co.

Juno Mine
Chloride, Arizona

July 10, 1991

The Juno mine, one of the oldest claims in the Wallapai Mining District, lies one mile northwest of Chloride, Arizona in Section 33, T. 24 N., R. 18 W., G&SR BL&M in Mohave County, Arizona.

Property: The mining property consists of one patented claim, the Juno, Mineral Survey 542, Lot 39, and two unpatented claims:

Claim Name	Recording Information	BLM Serial Number
Juno North	Book 5G, Page 416	A MC-27730
Juno South	Book 5H, Page 367	A MC-27731

The map showing these claims is filed in Book 650, Page 398, #80-26246, Mohave County Records.

In 1960 Intermountain Exploration Company, then the recorded owner of the Juno by tax deed, brought a quiet title suit in the Mohave County Courts, which resulted in granting a clear title to that company. Since that date, there has been only one transaction deeding the property to Arizona Juno Resources, Inc., the present owners.

A large number of surrounding "protection" claims were staked in 1980 and dropped in 1989 because of lack of potential value. The three remaining claims cover over 4,000' of the strike of the Juno vein described below.

Development: The mine was originally developed to a depth of 600 feet by an incline shaft with levels at 220' and 300'. No records remain of this other than the shaft location. During World War II, James Beauchamp sank the number two shaft, 150' vertical and 80' north of the old shaft, with levels at 70 and 150'. On the 150' level Beauchamp drifted south on the vein and intersected the old incline which he reported to be in fair shape at that time, being below the water table.

Open pit mining from the outcrops took place in the 1870's, during the 1930's and again under lease to Pat Mines in 1980-81.

In 1980 a program of diamond drilling and percussion sampling by Arizona Juno Resources disclosed ore which has been estimated as follows:

	Tons	Oz Au/Ton	Oz Ag/Ton	% Pb	% Zn
Oxide ore	7800	0.10	9.9	-	-
Sulfide Block A	5000	0.16	2.3	2.67	3.68
Sulfide Block B	67500	0.209	9.4	3.45	3.12
	80300	0.196	9.0		
Sulfide Ore	(72500)			3.40	3.62

In 1990, dump sampling of the main Juno dumps confirmed earlier estimates of an additional 7,000 tons grading 0.0435 oz. Au/ton and 1.23 oz. Ag/ton.

Geology: The known ore deposits are confined to the Juno vein, a northwesterly striking fissure vein, 4' to 12' wide dipping northeastward at 45°, steepening with depth. The wall rock is mostly Precambrian amphibolite schist and pegmatite. The vein also borders the 1.2 BY Chloride Granite on its western limb. Vein mineralization is gold bearing quartz, sometimes vuggy, with pyrite, sphalerite and galena. The water level is at 70'.

The geology of the area was described by Dings (1951) in "The Wallapai Mining District, Cerbat Mountains, Mohave County, Arizona", U.S.G.S. Bulletin 978-E. Other earlier reports are:

Schrader, F. C. (1909) U.S.G.S. Bulletin 397
Haury, P. S. (1947) U.S.B.M. R.I. 4101
Thomas, B. E. (1953) G.S.A. Bulletin, Vol. 64, p. 390-420

In 1979-80 Arizona Juno Resources sponsored thesis work by Larry G. Eaton to map the district for his M.S. Thesis at New Mexico Institute of Mining & Technology.

The ore deposits are of Laramide age, related in time to the Ithica Peak Quartz Monzonite (70 MY) about 5 miles south. Although Precambrian foliation controlled the shape and position of the Juno system faults, these were much younger and unrelated to Precambrian activity. Geologic studies were followed by diamond drilling and percussion drilling outlining the ore shown above.

Production: During its 120 year life, the Juno has been an intermittent producer of gold, silver, and base metal. The Metal Economics branch of the U.S. Bureau of Mines gives the recorded production prior to 1948 as:

1,239 oz. Au
43,128 oz. Ag
4,517 # Cu
235,498 # Pb
154,138 # Zn

Much early production of residual gold ore in the outcrops was not included in the record. The total value of the known production exceeds $850,000 with most values in gold.

Current Status: ~~Arizona Juno Resources holds 100% interest in the property. The company would be interested in lease, sale, or joint venture with a financial partner to increase reserves on this and nearby properties.~~

Richard V. Wyman
Registered Geologist
Arizona #6148
On behalf of
Arizona Juno Resources, Inc.

REGISTERED GEOLOGIST
CERTIFICATE NO.
6448
RICHARD V.
WYMAN
Date Signed 7/11/94
ARIZONA, U.S.A.

Present owner (1995)
is Ken Hodgson
1725 Kansas Ave
San Angelo, Texas
76904

Ph. (915) 947-7658

Ken & Rita Hodgson
1725 Kansas Ave.
San Angelo, TX 76904-6832

10/5/95

Dear Ken or Nigel.

As you know I acquired the old Juno mine in Chloride, Az. there were over 50 drill holes put down on the property in 1980-81. The drilled out reserves are 72,000 tons of ore containing
15,738 ounces of gold
722,700 " " silver
5,460,400 pound of lead
5,813,720 " " zinc.
All above 300' depth

I have a ton of data & will in a short while copy some & send it to you for your files. The Juno mine is just 1 patent claim. I was out there in Sept & staked one unpatent to cover a small amount of reserves to the south.

Nigel was kind enough to tell me what the BLM fee is for filing late claims. I wrote it down & lost it.

Please let me know the fee & I soaked the one claim on Sept 1st 1995. I hope they still allow 90 days to record with them.

Best Regards,

Ken Hodgson

SASE encl.

Arizona Corporation Commission
State of Arizona Public Access System

10/03/2001 3:44 PM

History Corporate Inquiry
File Number: F-0023200-6
Corp. Name: ARIZONA JUNO RESOURCES, INC.

Additional Corporate Information

Business Type:	**Corporation Type:** PROFIT
Incorporation Date: 04/23/1979	**Corporate Life Period:** PERPETUAL
Domicile: NEVADA	**County:**
Approval Date: 04/23/1979	**Original Publish Date:** 06/14/1979
Status: REVOKED-FILE ANNUAL REPORT	**Status Date:** 08/10/1986
Dissolution/Withdrawl: 0	**Dissolution/Withdrawl Date:**

Annual Reports

No Annual Reports on File

Microfilm

Location	Entered	Description
1-0019-036-041	03/18/1983	82 ANNUAL REPORT
1-0081-017-011	03/23/1984	83 ANNUAL REPORT
1-0160-017-011	05/08/1985	84 ANNUAL REPORT
2-0044-003-002	08/10/1986	REVOCATION

- **Return to STARPAS Main Menu**
- **Return to A.C.C. Corporations Division Main Page**
- **Return to Arizona Corporation Commission Home Page**

Arizona Juno Resources, Inc.
P.O. Box 4736
Boulder City, Nevada 89005
(702) 293-1098

August 7, 1980

Juno Mine

Ore Reserve Estimate

Underground Mining - Sulfide ore - 7' wide to 400' deep

In sight - 170,000 tons ~~0.30 oz. Au, 8.0 oz. Ag, 3.4% Pb and 3.5% Zn~~ See other page

Suface Mining - Oxide Ore - ~~50~~ 20' wide x ~~30~~ 50' x 550'

Open Pit - 40,000 tons 0.117 oz. Au and 6.43 oz. Ag

Dumps - Oxides and sulfides

Upper Dump	3,800 tons	0.032 oz. Au	0.67 oz. Ag
~~Lower Dump~~	~~3,300 tons~~	~~0.057 oz. Au~~	~~1.79 oz. Ag~~
Hercules	5,200 tons	0.057 oz. Au	1.00 oz. Ag
Totals	12,300 tons	0.049 oz. Au	1.46 oz. Ag

Shipped during 1980 K.H.

Sulfide ore -

Badger Tunnel Heavy Sulf
N. Juno Heavy Sulf.
Not sampled poss. 4-

Ramblers 3000 T 0.184 o/T Au
3.11 o/T Ag
1 spl.
owned by Wyman Needs to be sampled

1,200 T Mine ore 0.250/T Au
Narrow vein

Arizona Juno Resources, Inc.
P.O. Box 6
Boulder City, Nevada 89005
(702) 293-1098

Juno Mine: Ore Reserves

Average Width: 4.6 ft.

Average Grade:

Au	.2 oz./ton
Ag	4.6 oz./ton
Cu	3.6%
Pb	1.8%
Zn	1.9%

Tonnage: 132,000 tons

Calculations:

$$\text{Est. Tonnage} = \frac{\text{area x ave.width}}{\text{ft.}^3\text{/ton}} \text{ x correction factor}$$

area = 360,000 ft.^{2}
ave. width = 4.6 ft.
1 ton = 10 c.f.
correction factor = 80%

Remarks: This tonnage estimate was made with the assumption that J-10 and J-12A were anomalously low in ore minerals and had an unusually high pyrite content.

Arizona Juno Resources, Inc.
P.O. Box 6
Boulder City, Nevada 89005
(702) 293-1098

Juno Mine: Data for Estimation of Ore Reserves

Workings: Samples 1-10

Average width: 1.6 ft.
Avg Width x Average Grade

Au	Ag	Cu	Pb	Zn
.4	5.6	.4	6.4	9.1

J-1

Width: 3.6 ft.
width x grade:

Au	Ag	Cu	Pb	Zn
.2	1.3	0	1.4	3.2

J-2

Width; 4.5 ft.
width x grade:

Au	Ag	Cu	Pb	Zn
1.8	16.0	.5	14.4	17.3

J-3

Width: 6.3 ft.
Width x Grade:

Au	Ag	Cu	Pb	Zn
1.4	89.7	.6	23.6	21.4

J-4

Width: 9.9 ft.
Width x Grade:

I think this is a typo! K.C.

Au	Ag	Cu	Pb	Zn
.2	5.6	90.1	1.5	1.1

J-5

Width: 4.5 ft.
Width x Grade:

Au	Ag	Cu	Pb	Zn
.1	9.2	0	1.3	9.0

J-6

Width: 8.1 ft.
Width x Grade:

Au	Ag	Cu	Pb	Zn
0	10.4	.1	.1	.1

J-10

Width: 1.8 ft.
Width x Grade:

Au	Ag	Cu	Pb	Zn
0	.4	0	.5	.1

J-12A

Width: 3.6 ft.
Widthx Grade:

Au	Ag	Cu	Pb	Zn
0	.3	0	.2	.3

J-14

Width; 6.3
Width x Grade:

Au	Ag	Cu	Pb	Zn
0	0	0	.1	.3

JUNO MINE

Hualpai Mining District,

Near Chloride, Arizona.

Report by J. S. Coupal,
Mining Engineer,
Phoenix, Arizona.

January 15, 1947.

CONCLUSIONS: The property shows a good, strong vein, with values near the oxidized surface predominantly gold, changing to sulphides of copper, lead, and zinc in the lower levels. The oxidized ore shoot on the adit tunnel level shows a length of 250 feet and an average mined width of 3 to 4 feet.

The mine is opened up by a recent vertical shaft to the 150-foot level from which good sulphide ores have been shipped. An old incline shaft, from authentic maps, to the south-east of the ore shoot opened by the adit tunnel, has been sunk to 600 feet slope depth (on about a 45° north-easterly pitch).

This incline shaft is inaccessible at the collar, due to caving, but has been tapped on the 100-foot level from the incline shaft and is apparently in a firm foot-wall, so that in depth it should be in good condition.

From the general character of the vein, as exposed in the adit tunnel and the 100- and 200-foot levels from the vertical shaft, I believe the property fully justifies rehabilitation of the incline shaft for further development and production.

PROPERTY: The property consists of 2 patented mining claims, the Juno and the Illinois, located about three-quarters of a mile north-west of the town of Chloride, in Sect. 33, T. 24 N., R. 18 W., at an elevation of about 3,900 feet above sea-level, and is in the low rolling foot-hills on the west slope of the Cerbat Mountains.

TITLE: An abstract of title was not made, but the properties are under undisputed lease to Mr. J. H. Beauchamp, of Kingman, Arizona.

PHYSICAL CONDITIONS: Located on a good, practically level road, three-quarters of a mile from the town of Chloride, where an ample supply of skilled mine labor is available, and in an area where all-year operations can be carried on under very favorable conditions, the properties can be considered ideally located.

The vegetation consists of cacti, greasewood and sagebrush, and is typical of semi-arid desert growth at around the 3000-foot levels of Arizona.

Ample water for domestic and milling purposes has been developed within 200 to 400 feet in depth in the various mines in the immediate area, and no detrimental large flows of water have been encountered.

The mine is within one-half mile haul, over practically level road, to the paved State Highway #62 from Chloride, to U.S Highway 93-466 from Kingman to Boulder Dam, and 20 miles from the junction to Kingman. The nearest railroad shipping point is Kingman, on the Santa Fe, 26 miles from the mine.

The country rock in the immediate area consists of a granitic gneiss, altered granite, and amphibole schist. The vein is a sheared zone with a silicious mineralization and a gouge of altered wall rock, derived

in places from schist and in places from gneiss.

PRODUCTION AND DEVELOPMENT: From the U. S. Bureau of Mines, production is given at 7088 tons, containing 1,207 ounces of gold, 37,675 ounces of silver, 251,178 pounds of lead, 207,560 pounds of zinc, and 6,272 pounds of copper, which, converted to gross value at present metal prices would be around $130,000.00.

This is the production as recorded, but evidently much of the early production from the surface or shallow ores above the adit tunnel was not recorded.

The mine is developed by an adit tunnel about 370 feet in length, plus an open cut of 60 feet at the portal. The ore is stoped to the surface from the adit tunnel, and in the adit tunnel a winze is sunk to the 100-foot level.

The early development consisted of an incline shaft in the foot-wall of the vein, which dips about 45° to the north-east to a reported depth of 600 feet on the incline. The collar of the shaft is caved, but the shaft is cut on the 100-foot level southerly from the vertical shaft.

The recent development and production has been from a vertical two-compartment shaft, with levels on the 100- and 150-foot depths, and ample sump. From this shaft, drifts 125' in length northerly and 200' southerly have been driven on the 100-foot level on the vein. The northerly drift has caved, as ore from this level to the adit tunnel has been stoped. The drift to the south cut the inclined surface shaft. Good assays on the southerly shaft, near the shaft, indicate the southerly limit of the ore shoot exposed in the adit tunnel.

Under a Reconstruction Finance Corporation loan, the vertical shaft was

sunk 60 feet and drifting in the face 240' northerly and 30' southerly was done.

In 1944-'45, 1328 tons were mined and shipped which averaged Au. 0.191 oz., Ag. 6.70 oz., Cu. 0.209%, Pb. 4.94%, Zn. 5.00%.

ORE RESERVES: No claim can justly be made for ore reserves in sight from the development work in the levels from the vertical shaft. It will call for exploration and the re-opening of the incline shafts, or sinking and cross-cutting from the vertical shaft, to put any substantial tonnage of ore in sight.

RECOMMENDATIONS: The vein structure of the ore shoots from which production has been made is such that I can recommend the re-opening of the incline shaft and extension of the lower levels northerly, to get under the known productive ore shoots.

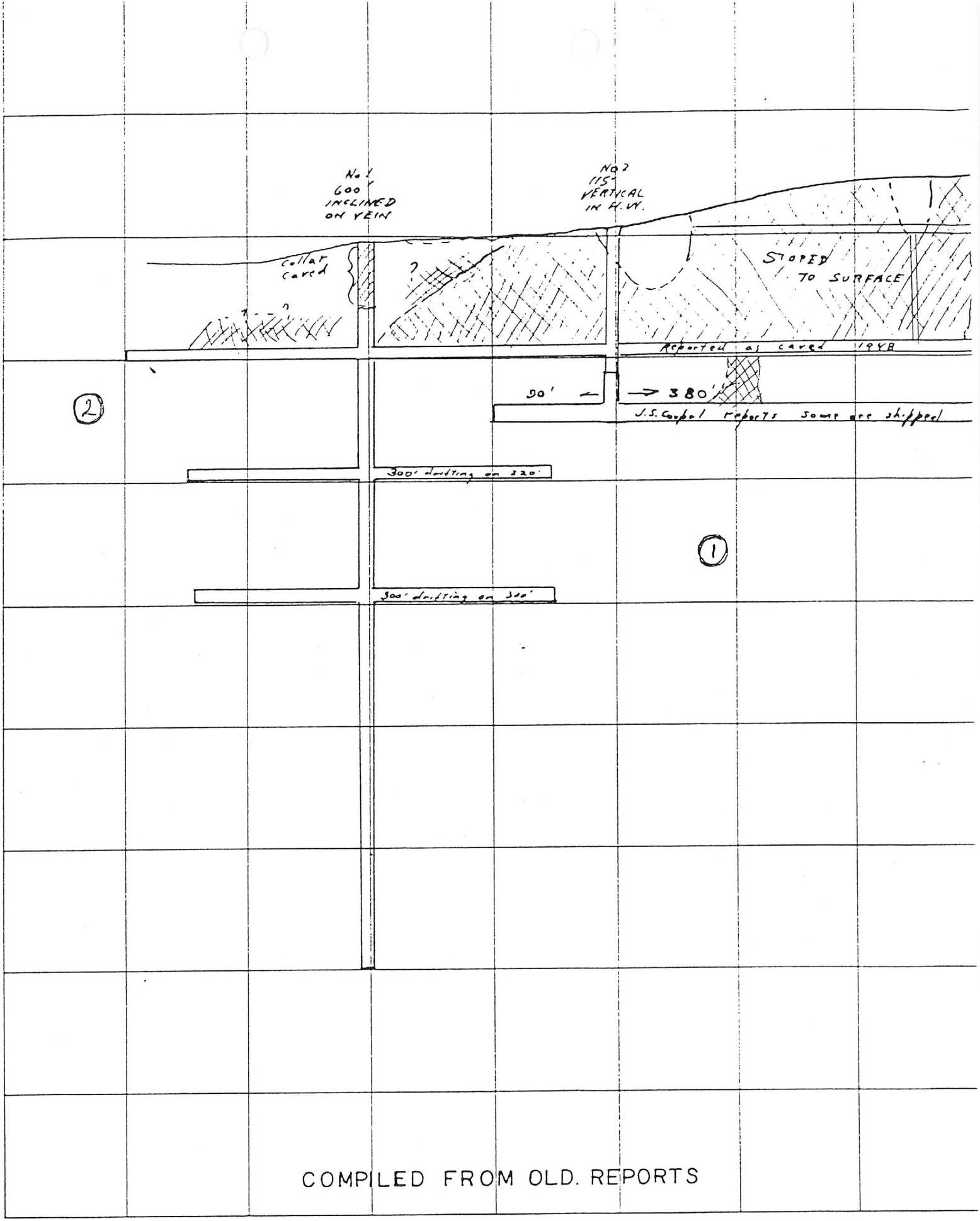
The incline shaft has been sunk on the firm foot-wall of the vein and should be in condition for reopening at low cost. The most feasible manner to do this would be to start a new collar for the incline shaft 30' to 50' from the present collar, and connect with the incline shaft below the caved portion. As the incline dips about 45°, this new collar could start at 60° to 70° from horizontal and flatten this to conform to the incline shaft as it is approached. The distance of new work should not exceed 50' of new sinking, and should make accessible close to 550' in incline depth on the vein.

With the equipment and camp facilities now available, the cost will be comparatively low and should make for easy handling of ore from the present ore bodies, also should give 200' to 300' of backs on ore from the lowest level.

CONCLUSION: The production above the 150 feet of the vertical shaft fully justifies the work recommended.

Very truly yours,

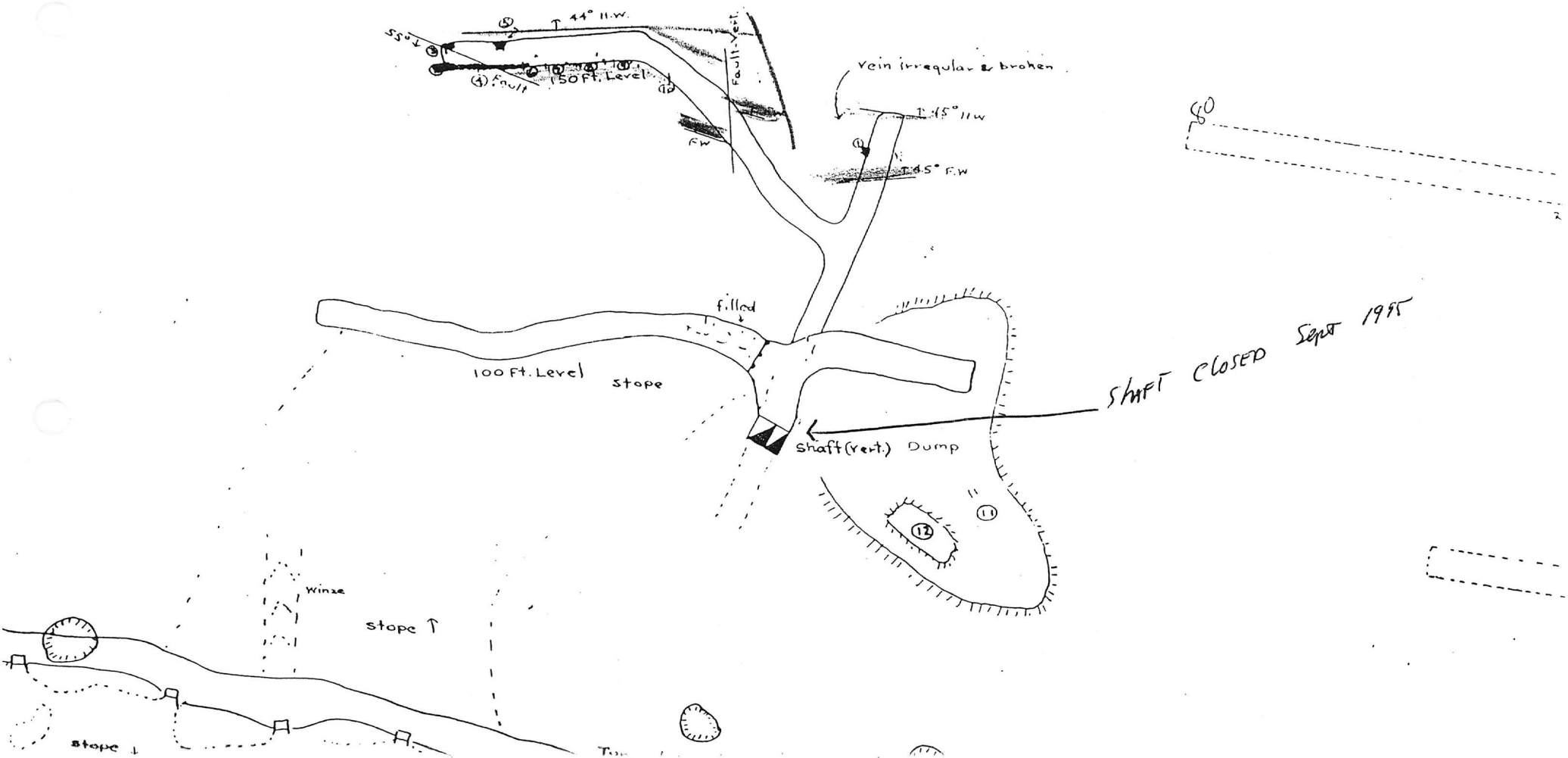
J. S. Coupal.



MINE JUNO LOCATION VERTICAL SECTION LEVEL

GEOLOGY BY — SURVEY NONE SCALE 1"-100' DATE 6-59

le	Width	Oz Au	Oz Ag	%Cu	%Pb	%Zn
1	28"	.25	4.9	.02	3.52	6.41
2	32"	.22	4.9	tr.	6.61	6.22
3	23"	.19	3.8	.21	5.22	6.89
4	23"	.29	6.0	.63	11.20	9.10
5	23"	.32	5.3	.63	6.61	8.89
6	23"	.42	5.4	.75	4.62	3.33
7	21"	.13	1.1	.01	.71	2.80
8	30"	.23	3.2	.27	.30	6.00
9	11"	.27	2.0	.01	.40	4.18
0	10"	.18	1.7	.03	.71	4.02
1	Dump	.11	1.8	tr.	.71	2.70
1	Dump	.24	2.7	.78	6.00	6.84



DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Date: July 14, 1943

Mine: Juno Mine

District: Wallapai, Mohave Co., Ariz.

Engineer: Elgin B. Holt

Subject:

BRIEF REPORT

LESSEE: J. H. Beauchamp, Kingman, Arizona.

METALS: Zinc, lead, gold, and silver.

LOCATION: The Juno mine is located 2 miles northwest of Chloride, Arizona. It is now being worked in a small way by lessee, who has cleaned out some of the surface workings. Also, lessee has applied for a preliminary development loan from RFC for the purpose of cleaning out other workings of the mine in order to make the same accessible for sampling by RFC engineers. The said loan application is now pending. However, lessee states he is prepared to proceed with the rehabilitation of this mine whether the said loan is granted or not.

MINE WORKINGS: Years ago, a main inclined shaft was sunk on slope of vein to a depth of 600 feet, or so. It is said a considerable tonnage of ore was mined and shipped from this shaft and lateral workings therefrom; but unfortunately no data is now available concerning the early production of this property.

The accessible workings consist of a vertical shaft 100 feet deep, from the bottom of which a cross-cut was run east 15 feet to vein. Then a drift was run north on vein 150 feet and south on vein 50 feet; vein being from 4 feet to 8 feet wide, according to Beauchamp.

PRODUCTION: Beauchamp states that while all records of the early production of ore from the Juno mine have been lost, the available records, during recent years, show that 1,200 tons of complex sulphide ore have been shipped to the El Paso Smelting Works and to the Tennessee-Schuylkill mill; said ore assaying as follows: Zinc, 8.0%; lead, 7.0%, and around $15.00 in gold and silver values per ton.

MINE WORK PLANNED: Beauchamp also states that just as soon as proper finances are arranged, either through RFC or from some other source, he plans to continue the drift, on the 100-foot level of the mine, south 150 feet in order to connect the same with the old 600-foot inclined shaft. He then proposes to clean out the said shaft to the 200' and 300' levels and do extensive development work on vein on these levels.

ESTIMATED DAILY PRODUCTION: Beauchamp further states, while work is in progress developing the mine, he would have no difficulty at all in producing at least 20 tons of milling ore daily, assaying, more or less, as follows: Zinc, 7.0%; lead, 4.0% and $12.00 in gold and silver per ton. Also that production could be increased later on, after the mine is opened up in a large way.

/s/ Elgin B. Holt
Elgin B. Holt
Field Engineer

Fischer-Watt Mining Co. Inc.

PAGE _____

PROJECT: ARIZ JUNO DDH # J-4 BEARING: _____ DIP: _____ TD: _____

LOGGED BY: Fred Haynes DATE: 6/1/81 SCALE: _____ CORE SIZE: NX

FOOTAGE	RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
	20 40 60 80 100		original assay interval 189-200			.017	.54	.15	.11	9.1
			fresh biotitic gneiss to 190'							
190			intense chloritic alteration 190-191	chlorite	190					
			vein commences at 191'							
192			191-197'		J-4-1	.023	.60			
			white sugary qtz locally with pyrite (2-5%)							
194			and small amts of very fine grained		194					
			PbS, ZnS							
196			gouge consists of chlorite + clays		J-4-2	.003	.25			
			although heavy shearing can be seen							
			in the chloritic zones of the veins		197					
198			their is no major brecciation of							
			structures to indicate extensive		J-4-3	Tr	.10			
200			post-mineral movement.		200					
			at 199-200' wk chloritic zone							
			then into fresh biotite gneiss							
			— no reason to believe a 9.1% Cu assay !!							

Fischer-Watt Mining Co. Inc.

PAGE _____

PROJECT: Az JUNO DDH # J-2 BEARING: _____ DIP: _____ TD: _____

LOGGED BY: Fred Haynes DATE: 6/1/81 SCALE: _____ CORE SIZE: NX

FOOTAGE	RQD % (-20, +20-60, -80, +80)	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
			original assay interval 340-345			.398	3.56	3.21	3.85	.10
334			gneissic host in hanging wall basically unaltered, biotite + qtzose-spar segregated, contains pink garnets	fresh						
336										
338			at 337½ chloritic alteration and heavy shearing commence no apparent sulfides in J-2-1	337½ chloritic	337½ J-2-1	.010	.50			
340			sulfide portion of vein starts at 341' with > 15% pyrite, noticeable PbS, ZnS, hardly any oxidation	341 chloritic with wht clay	341 J-2-2	.156	1.15			
342			good sulfide vein runs to 346.5 including samples 2,3,4 (5% qtz in samples 3 & 4, otherwise intercept contains little qtz.)		342.5 J-2-3	.078	3.95			
344					344.5 J-2-4	.105	3.70			
346			intense chloritic zone, w/ strong shearing, almost a talcish feel to the footwall zone	heavy dark chlorite	346.5 J-2-5	Tr	.05			
348					349.5					
350			brecciated weakly alt. gneissic host at 349.5 it becomes possible to recognize gneissic textures again							
			(interesting note: not much qtz							

Fischer-Watt Mining Co. Inc.

PAGE _____

PROJECT: ARIZ JUNO DDH # J-3 BEARING: _____ DIP: _____ TD: _____

LOGGED BY: Fred Haynes DATE: 6/1/81 SCALE: _____ CORE SIZE: NX

FOOTAGE	RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
	20 40 60 80 100		original assay interval 239-246			224	14.2	3.74	3.39	.10
236			at 236 bleaching of gneiss commences with trace of pyr accompanying clays		237					
238			J-3-2 (intense dk green chloritic shear zone, small amts of pyrite		J-3-1 239	Tr	.10			
240			J-3-3 heavy pyr + Pbs, ZnS, very broken qtz present at end of interval		J-3-2 240.5	.030	2.55			
242			J-3-4, similiar to 3 (240.5 to 245 comprised of rather attractive vein material)		J-3-3 242	.183	59.00			
244			J-3-5 chloritic shearing, weak mineralization		J-3-4 245	.078	8.6			
246					J-3-5 246.5	Tr	<.05			
248										
250										
252										

Fischer-Watt Mining Co. Inc.

PAGE _____

PROJECT: ARIZ JUNO DDH # J1 BEARING: _____ DIP: _____ TD: _____

LOGGED BY: Fred Haynes DATE: 6/1/81 SCALE: _____ CORE SIZE: NX

FOOTAGE	RQD % (20 40 60 80 100)	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
			Original interval 367-371			.054	.36	.395	.898	.012
360			fresh biotite rich gneiss up to 366'							
362										
364										
366					366					
368			intense chloritic alteration in hanging wall 366-367.5, pyr + chl commences at 367, pyr 2-3%	chlorite clay	J-1-1	.018	.40			
					369					
370			J-1-2; (contains 5% pyr, trace PbS, ZnS, and looks to be the best portion of the vein)		J-1-2	.013	.45			
372					372					
374			at 374' a 2" alt vein w/ sulfides (largest seen in core so far)		J-1-3	.008	.15			
			375-376 intense dk green chlorite abruptly contacts to fresh unfractured biotite gneiss		376					

Fischer-Watt Mining Co. Inc.

PAGE _____

PROJECT: ARIZ JUNO DDH #: J14 BEARING: _____ DIP: _____ TD: _____

LOGGED BY: Fred Haynes DATE: 6/1/81 SCALE: _____ CORE SIZE: NX

FOOTAGE	RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
			original assaying interval 385-392	385	385	.002	0	.017	.052	.004
385			entire vein intercept consists of chlorite + clay gouge; locally very intense but generally moderate; + trace amts of pyrite locally		J-14-1 (385–390.5)	Tr	<.05			
387										
389										
391			abundant K-spar but it appears to be original to the pt gneiss		J-14-2 (390.5–394)	.001	.10			
393										
395					J-14-3 (394–398)	Tr	<.05			
397										
399			sugary fresh gneiss, very biotite-rich chlorite on fractures							
			NOT AN ~~[illegible]~~ IMPRESSIVE intercept but I believe it is the Juno							

[illegible]

Fischer-Watt Mining Co. Inc.

PAGE _____

PROJECT: ARIZ. JUNO DDH # J-12A BEARING: _____ DIP: _____ TD: _____

LOGGED BY: Fred Haynes DATE: 6/1/81 SCALE: _____ CORE SIZE: NX

FOOTAGE	RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
			original assay 164-168			.006	.07	.048	.082	.007
					160					
160			WE to moderate chlorite + clay alteration in gneiss, garnets still present, trace pyrite, no other sulfides seen		J-12A-1	.002	.10			
162										
164			interval ~~164-168~~ 165-167 missing ?? perhaps the main part of the vein		165					
166		trace to 1% py	hence interval J12A-2 only represent ½ of the intercept		J-12A-2	.011	.15			
168					168.5					
			chl altered fractured gneiss, not mineralized ?!		J-12A-3 170.5	Tr	<.05			
170										
172										
174										
176										

Fischer-Watt Mining Co. Inc.

PAGE _____

PROJECT: RIZ JUNO DDH # J6 BEARING: _____ DIP: _____ TD: _____

LOGGED BY: Fred Haynes DATE: 6/1/81 SCALE: _____ CORE SIZE: NK

FOOTAGE	RQD %	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
	-20 20-40 40-60 60-80 80-100		original assay interval			.005	1.28	.01	.01	.01
			fresh							
208			wkly mineralized, strongly chloritically altered intercept 209-215'		209					
210			< 1% pyrite, more in very local spots		J-6-1	.005	<.05			
212			extremely broken, some clay		213					
					J-6-2	Tr	<.05			
214			fresh biot qn		215					
216			not very impressive intercept							
218										
220										

Fischer-Watt Mining Co. Inc.

PAGE _____

PROJECT: ARIZ JUNO DDH # J5 BEARING: _____ DIP: _____ TD: _____

LOGGED BY: Fred Haynes DATE: 6/1/81 SCALE: _____ CORE SIZE: NX

FOOTAGE	RQD % (20 40 60 80 100)	FRACTURING	ROCK DESCRIPTION	ALTERATION	SAMPLE	Au	Ag	Pb	Zn	Cu
			246 – 251			.08	2.05	.28	.20	.01
			fresh gneiss til 245							
246					245					
			dk green sheared chlorite in hanging wall, no apparent sulfides in J-5-1		J-5-1	Tr	.35			
248										
250			intense dk chlorite continues		249					
			1' zone 250-251 contains <5% qtz + trace pyrite,		J-5-2	.002	1.00			
252			otherwise entire intercept is chlorite + shearing		253					
254										
256										
258										
260										

ARIZONA JUNO

ASSAY DATA FROM CORE SAMPLES

(Blocks drawn on accompanying map)

ORE BLOCK	WIDTH *1	TONNAGE *2	Au oz/T	Ag oz/T
J4 & P23 *3	4'	-	.023	1.60
J & P23 *3	4'	-	.024	1.70
J3	4.2'	15,100 *4	.090	19.7
J2	4'	7,600 *4	.111	3.1
J14	3.8'	-	Tr	.10
J1	4'	-	.015	.45
J12A	4.5'	-	.009	.15
J5	4'	-	.002	.70
J6	4'	-	.003	.10
Workings	4'	9,500 *4	.12	1.8
P27	10'	22,700	.043	3.3

*1 Assumes true thickness of 60% drill thickness
Assumes 4' minimum mining thickness

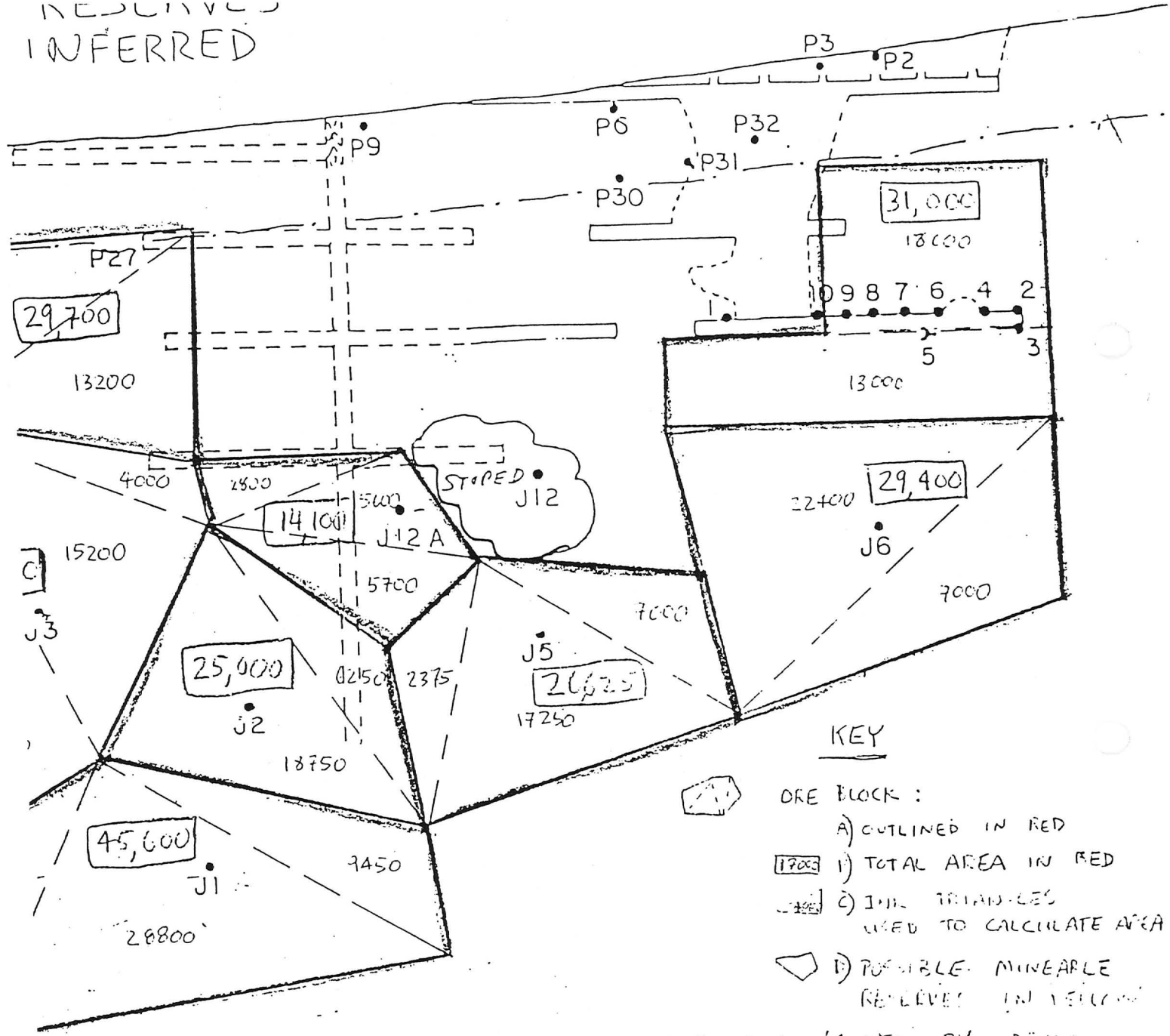
*2 Only calculated for blocks with possible ore grade values

*3 2/3 from J hole, 1/3 from P23

*4 Combination of these three blocks yields:

32,200 TONS GRADING .104 Au(oz/T)
10.5 Ag(oz/T)
= 5% Pb + Zn

RESERVES
INFERRED



BLOCKS NAMED BY DRILL HOLES, see accompanying assay sheet for individual blocks (assays + tonnages

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

DEPT. MINERAL RESOURCES
RECEIVED
NOV 8 1944
PHOENIX

Filing Information

File System.....

File No.....

This chart to be used for gallons of gasoline required per month.

Date Nov. 7, 1944

Name of Mine Juno Mine

Owner or Operator J. H. Beauchamp
~~Chloride~~

Address ~~Box 195, Kingman, Ariz.~~

Mine Location One mile NW of Chloride

PRESENT OPERATIONS: (check X)

Production X; Development.....; Financing.....; Sale of mine.....;

Experimental (sampling).....; Owner's occasional trip.....;

Other (specify).....

PRODUCTION: **Past and Future.**

	Tons
Approx. tons last 3 months	400
Approx. present rate per 3 months	400
Anticipated rate next 3 months	Unknown
If in distant future check (X) here	

EQUIPMENT OPERATED:

Type	Quantity or Horse Power	Miles or Hours Per Month	Gallons Required Per Month
Personal Cars			
Light or Service Trucks			
Ore Hauling Trucks	90-HP compressor	120	600
	25-HP hoist	240	360
Compressors	~~3-HP pump eng.~~	~~180~~	~~90~~
	1½-HP blower	240	100
Other Mine or Mill Eqpt.			1150

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals. Lead and zinc

Applicant is operating the Juno mine, near Chloride, and shipping ore to Midvale, Utah.

REMARKS:

Requests 1150 gallons of gasoline per month.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By Elgin B. Holt

Elgin B. Holt, Field Engr.

DEPT. MINERAL INDUSTRY
RECEIVED
MAY 3 1943
PHOENIX ARIZONA

May 1, 1943

JUNO MINE, Chloride,
J. H. Beauchamp. Lessee:
RFC Loan Application.

To: Earl F. Hastings

From: Elgin B. Holt

J. H. Beauchamp, Kingman, Arizona, has just called concerning a loan application, in the sum of $20,000, which he addressed to Gohring's office during March. More correctly, he took the said application with him to Phoenix and had a talk with Mr. Gohring about the matter. The said application was for the purpose of cleaning out, retimbering and developing the Juno mine, near Chloride, with which you are familiar.

I will preface my remarks by saying, this application should have been for the sum of $5000, instead of for $20,000, inasmuch as the mine was not accessible for sampling at the time the application was drawn.

At the time of the said visit, Beauchamp agreed to pump the mine out in order to make the same accessible for sampling. He now states he has pumped the vertical 100-foot shaft out to the bottom. Also that he has installed a hoist and that he has mucked out the cross-cut in bottom of shaft to the vein. That he has also timbered up and exposed the vein for sampling on the south side of said cross cut, at which point he took a sample across 8 inches of ore on the foot wall side of vein; said sampling assaying: Gold, 0.21 ozs.; silver, 2.3 ounces; lead, 1.6%; and zinc, 6.50%. He also states he wrote Mr. Gohring on April 26th, asking if it would be possible to send an engineer to examine property, with a view to granting some kind of RFC loan; but todate no reply has been received.

Will you kindly do what you can to have Gohring send an engineer, as Beauchamp has a crew waiting.

EBHolt

MJ-4

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date Jan. 28, 1940

Mine Juno Mine

District Chloride Location Chloride, Arizona

Former name Juno Mine

Owner Producers Mines Co. Address Chloride

Operator Floyd Brown, as Leaser Address Chloride, Box 145

President Gen. Mgr.

Mine Supt. Mill Supt.

Principal Metals GOLD-SILVER-LEAD Men Employed Five (5)

Production Rate 400 tons per month Mill: Type & Cap.

Power: Amt. & Type

Operations: Present Mining and drifting

Operations Planned Same

Number Claims, Title, etc. Two (2) Title Producers Mines. Held by Floyd Brown under long term lease

Description: Topog. & Geog.

Mine Workings: Amt. & Condition One, one hundred and ten foot shaft and four hundred feet of drift.

(over)

Geology & Mineralization

Ore: Positive & Probable, Ore Dumps, Tailings Two thousand tons blocked out, probably unlimited with development at depth - sulphide ore aver. $10 to $20 per ton

Mine, Mill Equipment & Flow Sheet

Road Conditions, Route One half mile from paved highway

Water Supply Plentiful with depth

Brief History Worked in early days - fire wrecked shaft and caved in and abandoned. Little known of old working but not extensive

Special Problems, Reports Filed Mill in district to handle ore

Remarks

If property for sale: Price, terms and address to negotiate.

Property for sale - terms reasonable

Signed Floyd Brown

Use additional sheets if necessary.

MJ-4

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
OWNERS MINE REPORT

Date Jan 25, 1940

Mine Juno mine

District Chloride

Location Chloride Arizona

Former name Juno mine

Owner Producers mines co

Address Chloride

Operator Floyd Brown as Lessee

Address Chloride Box 145

President

Gen. Mgr.

Mine Supt.

Mill Supt.

Principal Metals Gold Silver Lead

Men Employed Five (5)

Production Rate 400 Tons per month

Mill: Type & Cap.

Power: Amt. & Type

Operations: Present mining and drifting

Operations Planned same

Number Claims, Title, etc. Two (2) Title producers mines. Held by Floyd Brown under long term lease

Description: Topog. & Geog.

Mine Workings: Amt. & Condition one, one Hundred and Ten foot shaft and four Hundred feet of Drift.

(over)

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Ore: Positive & Probable, Ore Dumps, Tailings Two thousand tons blocked out. probable unlimited with development at depth Sulphide ore aver. $10. to $20. per ton

Mine, Mill Equipment & Flow Sheet

Road Conditions, Route one half mile from paved Highway

Water Supply plentiful with depth

Brief History worked in early days fire wrecked shaft and caved in and abdoned. little know of old working but not extension

Special Problems, Reports Filed mill in dist to handle ore

Remarks

If property for sale: Price, terms and address to negotiate. Property for sale terms reasonable

Signed Floyd Brown

Use additional sheets if necessary.

Juno Mine

Intermountain Exploration Company

O. Box 473 Telephone 293-1098 Boulder City, Nevada 89005

June 12, 1976

I believe these are Arizona mine mentioned

Donald R. Aldrige
Supervisor, District 1
P.O.Box 390
Kingman, Ariz., 86401

Dear Mr. Aldridge:

Thank you for your letter of June 7th.

We own the Juno mine, and lease the Hercules-Badger group. Just recently we dug deep trenches and sampled our mine dumps with the idea of leaching these.

We estimate that the Juno mine, three claims, contains 75,000 tons of material that will run over 0.03 Au and over 2.0 oz. Ag/ ton. This material also contai ns some lead but under 1%.

At the Hercules-Badger group, approximately 50,000 tons contain over 0.05 oz.Au and over 3 oz.Ag/ton and over 2% Pb.

Doe, Inc. also owns the Rambler, which has a dump containing 3000 tons of 0.15 oz.Au/ton. This should be trenched and sampled.

In another partnership between myself and Tom King of Prescott, Ariz., we hold a large number of gold claims at Cyclopic. At this place we have two tailings dumps that assay over 0.10 oz.Au/ton that should be sampled. These together total about 125,000 tons.

Please let me know if anything develops.

Yours truly,

Richard V. Wyman

Richard V. Wyman, President

JUNO

DEPARTMENT OF MINERAL RESOURCES

TO ALL PRODUCERS OF COPPER, LEAD and ZINC IN ARIZONA:

This department and others are making strenuous efforts to bring about legislation which will help ameliorate the restrictions and difficulties faced by the producers of copper, lead and zinc, and other strategic minerals.

To assist in these efforts it is advisable that we have an authentic survey of the results of the President's veto of the Allen Bill, and the results that would take place if a new bill, such as the Russell Bill, were passed by Congress. The Russell Bill includes all strategic minerals.

While we have all learned to love questionnaires just as we love stomach ulcers, will you please give the answers in your best judgment to the following questions:

1. What was your approximate production in pounds per month for the period preceding the President's veto of the Allen Bill?

   (Copper 600 Lbs.) (Lead 12000 Lbs.) (Zinc 18000 Lbs.)

2. What has been your average production per month since that veto has affected your price?

   (Copper None Lbs.) (Lead None Lbs.) (Zinc None Lbs.)

3. What is your estimate of your production per month for the first few months of 1948 if prices remain as they are now and no premiums are in effect?

   (Copper None Lbs.) (Lead None Lbs.) (Zinc None Lbs.)

4. What is your estimate of production per month if some incentive plan such as the Russell Bill were in effect?

   (Copper None Lbs.) (Lead None Lbs.) (Zinc None Lbs.)

5. General remarks: Mine full of water all drifts caved 10 ten to 25' of fill

An addressed envelope is enclosed for your convenience, but you will have to help with the stamp.

Yours very truly,

Chas. H. Dunning

Chas. H. Dunning
Director

CHD:mh

Juno Mine
Chloride Ariz
J. H. Beauchamp (Jesse)

JUNO MINE

Hualpai Mining District,

Near Chloride, Arizona.

Report by J. S. Coupal,
Mining Engineer,
Phoenix, Arizona.

January 15, 1947.

CONCLUSIONS: The property shows a good, strong vein, with values near the oxidized surface predominantly gold, changing to sulphides of copper, lead, and zinc in the lower levels. The oxidized ore shoot on the adit tunnel level shows a length of 250 feet and an average mined width of 3 to 4 feet.

The mine is opened up by a recent vertical shaft to the 150-foot level from which good sulphide ores have been shipped. An old incline shaft, from authentic maps, to the south-east of the ore shoot opened by the adit tunnel, has been sunk to 600 feet slope depth (on about a 45° north-easterly pitch).

This incline shaft is inaccessible at the collar, due to caving, but has been tapped on the 100-foot level from the incline shaft and is apparently in a firm foot-wall, so that in depth it should be in good condition.

From the general character of the vein, as exposed in the adit tunnel and the 100- and 200-foot levels from the vertical shaft, I believe the property fully justifies rehabilitation of the incline shaft for further development and production.

PROPERTY: The property consists of 2 patented mining claims, the Juno and the Illinois, located about three-quarters of a mile north-west of the town of Chloride, in Sect. 33, T. 24 N., R. 18 W., at an elevation of about 3,900 feet above sea-level, and is in the low rolling foot-hills on the west slope of the Cerbat Mountains.

TITLE: An abstract of title was not made, but the properties are under undisputed lease to Mr. J. H. Beauchamp, of Kingman, Arizona.

PHYSICAL CONDITIONS: Located on a good, practically level road, three-quarters of a mile from the town of Chloride, where an ample supply of skilled mine labor is available, and in an area where all-year operations can be carried on under very favorable conditions, the properties can be considered ideally located.

The vegetation consists of cacti, greasewood and sagebrush, and is typical of semi-arid desert growth at around the 3000-foot levels of Arizona.

Ample water for domestic and milling purposes has been developed within 200 to 400 feet in depth in the various mines in the immediate area, and no detrimental large flows of water have been encountered.

The mine is within one-half mile haul, over practically level road, to the paved State Highway #62 from Chloride, to US Highway 93-466 from Kingman to Boulder Dam, and 20 miles from the junction to Kingman. The nearest railroad shipping point is _____, on the Santa Fe, _____ miles from the mine.

The country rock in the immediate area consists of a granitic gneiss, altered granite, and amphibole schist. The vein is a sheared zone with a silicious mineralization and a gouge of altered wall rock, derived

in places from schist and in places from gneiss.

PRODUCTION AND DEVELOPMENT: From the U. S. Bureau of Mines, production is given at 7088 tons, containing 1,207 ounces of gold, 37,675 ounces of silver, 251,178 pounds of lead, 207,560 pounds of zinc, and 6,272 pounds of copper, which, converted to gross value at present metal prices would be around $130,000.00.

This is the production as recorded, but evidently much of the early production from the surface or shallow ores above the adit tunnel was not recorded.

The mine is developed by an adit tunnel about 370 feet in length, plus an open cut of 60 feet at the portal. The ore is stoped to the surface from the adit tunnel, and in the adit tunnel a winze is sunk to the 100-foot level.

The early development consisted of an incline shaft in the foot-wall of the vein, which dips about 45° to the north-east to a reported depth of 600 feet on the incline. The collar of the shaft is caved, but the shaft is cut on the 100-foot level southerly from the vertical shaft.

The recent development and production has been from a vertical two-compartment shaft, with levels on the 100- and 150-foot depths, and ample sump. From this shaft, drifts 125' in length northerly and 200' southerly have been driven on the 100-foot level on the vein. The northerly drift has caved, as ore from this level to the adit tunnel has been stoped. The drift to the south cut the inclined surface shaft . Good assays on the southerly shaft, near the shaft, indicate the southerly limit of the ore shoot exposed in the adit tunnel.

Under a Reconstruction Finance Corporation loan, the vertical shaft was

sunk 60 feet and drifting in the face 240' northerly and 80' southerly was done.

In 1944-'45, 1328 tons were mined and shipped which averaged Au. 0.191 oz., Ag. 6.70 oz., Cu. 0.209%, Pb. 4.94%, Zn. 5.00%.

ORE RESERVES: No claim can justly be made for ore reserves in sight from the development work in the levels from the vertical shaft. It will call for exploration and the re-opening of the incline shafts, or sinking and cross-cutting from the vertical shaft, to put any substantial tonnage of ore in sight.

RECOMMENDATIONS: The vein structure of the ore shoots from which production has been made is such that I can recommend the re-opening of the incline shaft and extension of the lower levels northerly, to get under the known productive ore shoots.

The incline shaft has been sunk on the firm foot-wall of the vein and should be in condition for reopening at low cost. The most feasible manner to do this would be to start a new collar for the incline shaft 30' to 50' from the present collar, and connect with the incline shaft below the caved portion. As the incline dips about 45°, this new collar could start at 60° to 70° from horizontal and flatten this to conform to the incline shaft as it is approached. The distance of new work should not exceed 50' of new sinking, and should make accessible close to 550' in incline depth on the vein.

With the equipment and camp facilities now available, the cost will be comparatively low and should make for easy handling of ore from the present ore bodies, also should give 200' to 300' of backs on ore from the lowest level.

CONCLUSION: The production above the 150 feet of the vertical shaft fully justifies the work recommended.

Very truly yours,

J. S. Coupal.

DEPARTMENT OF MINERAL RESOURCES
STATE OF ARIZONA
FIELD ENGINEERS REPORT

Mine: Juno Mine Date: July 14, 1943

District: Wallapai, Mohave Co., Ariz. Engineer: Elgin B. Holt

Subject: BRIEF REPORT

LESSEE: J. H. Beauchamp, Kingman, Arizona.

METALS: Zinc, lead, gold, and silver.

LOCATION: The Juno mine is located 2 miles northwest of Chloride, Arizona. It is now being worked in a small way by lessee, who has cleaned out some of the surface workings. Also, lessee has applied for a preliminary development loan from RFC for the purpose of cleaning out other workings of the mine in order to make the same accessible for sampling by RFC engineers. The said loan application is now pending. However, lessee states he is prepared to proceed with the rehabilitation of this mine whether the said loan is granted or not.

MINE WORKINGS: Years ago, a main inclined shaft was sunk on slope of vein to a depth of 600 feet, or so. It is said a considerable tonnage of ore was mined and shipped from this shaft and lateral workings therefrom; but unfortunately no data is now available concerning the early production of this property.

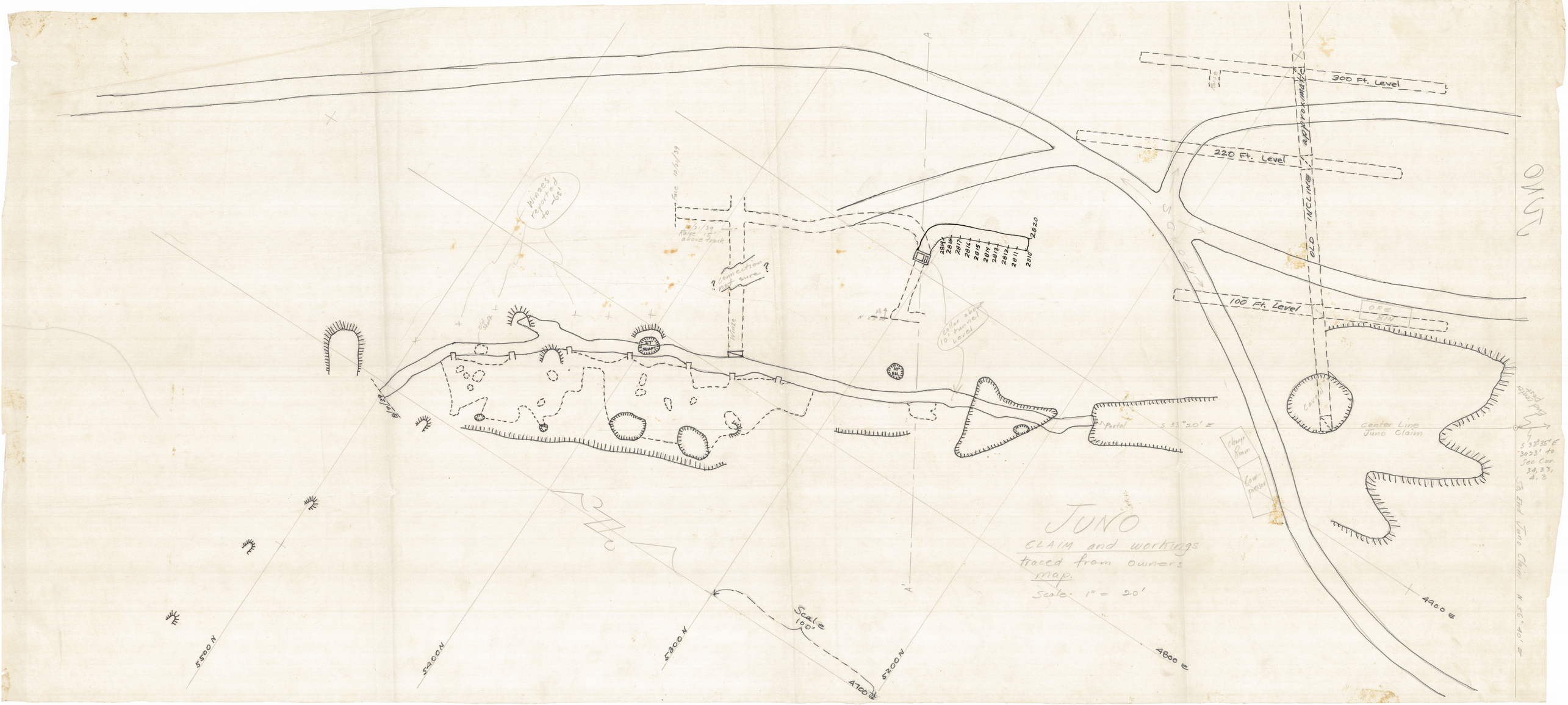
The accessible workings consist of a vertical shaft 100 feet deep, from the bottom of which a cross-cut was run east 15 feet to vein. Then a drift was run north on vein 150 feet and south on vein 50 feet; vein being from 4 feet to 8 feet wide, according to Beauchamp.

PRODUCTION: Beauchamp states that while all records of the early production of ore from the Juno mine have been lost, the available records, during recent years, show that 1,200 tons of complex sulphide ore have been shipped to the El Paso Smelting Works and to the Tennessee-Schuylkill mill; said ore assaying as follows: Zinc, 8.0%; lead, 7.0%, and around $15.00 in gold and silver values per ton.

MINE WORK PLANNED: Beauchamp also states that just as soon as proper finances are arranged, either through RFC or from some other source, he plans to continue the drift, on the 100-foot level of the mine, south 150 feet in order to connect the same with the old 600-foot inclined shaft. He then proposes to clean out the said shaft to the 200' and 300' levels and do extensive development work on vein on these levels.

ESTIMATED DAILY PRODUCTION: Beauchamp further states, while work is in progress developing the mine, he would have no difficulty at all in producing at least 20 tons of milling ore daily, assaying, more or less, as follows: Zinc, 7.0%; lead, 4.0% and $12.00 in gold and silver per ton. Also that production could be increased later on, after the mine is opened up in a large way.

/s/ Elgin B. Holt
Elgin B. Holt
Field Engineer


JUNO
CLAIM and workings
traced from owners
map.
Scale: 1" = 20'
300 Ft. Level
220 Ft. Level
100 Ft. Level
OLD INCLINE
approximate
Center Line
Juno Claim
Portal
S 33°20' E
Scale
100'
5500 N
5400 N
5300 N
5200 N
4700 E
4800 E
4900 E
Winzes
reported
to -65'
connection
not sure
Collar about
1 mile
to level
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2820