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

The following file is part of the

Arizona Department of Mines and Mineral Resources Mining Collection

ACCESS STATEMENT

These digitized collections are accessible for purposes of education and research. We have indicated what we know about copyright and rights of privacy, publicity, or trademark. Due to the nature of archival collections, we are not always able to identify this information. We are eager to hear from any rights owners, so that we may obtain accurate information. Upon request, we will remove material from public view while we address a rights issue.

CONSTRAINTS STATEMENT

The Arizona Geological Survey does not claim to control all rights for all materials in its collection. These rights include, but are not limited to: copyright, privacy rights, and cultural protection rights. The User hereby assumes all responsibility for obtaining any rights to use the material in excess of "fair use."

The Survey makes no intellectual property claims to the products created by individual authors in the manuscript collections, except when the author deeded those rights to the Survey or when those authors were employed by the State of Arizona and created intellectual products as a function of their official duties. The Survey does maintain property rights to the physical and digital representations of the works.

QUALITY STATEMENT

The Arizona Geological Survey is not responsible for the accuracy of the records, information, or opinions that may be contained in the files. The Survey collects, catalogs, and archives data on mineral properties regardless of its views of the veracity or accuracy of those data.

11/07/2000

ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES FILE DATA

PRIMARY NAME: LONE JACK MINE

ALTERNATE NAMES:
BLACKFOOT
GOLD BACK

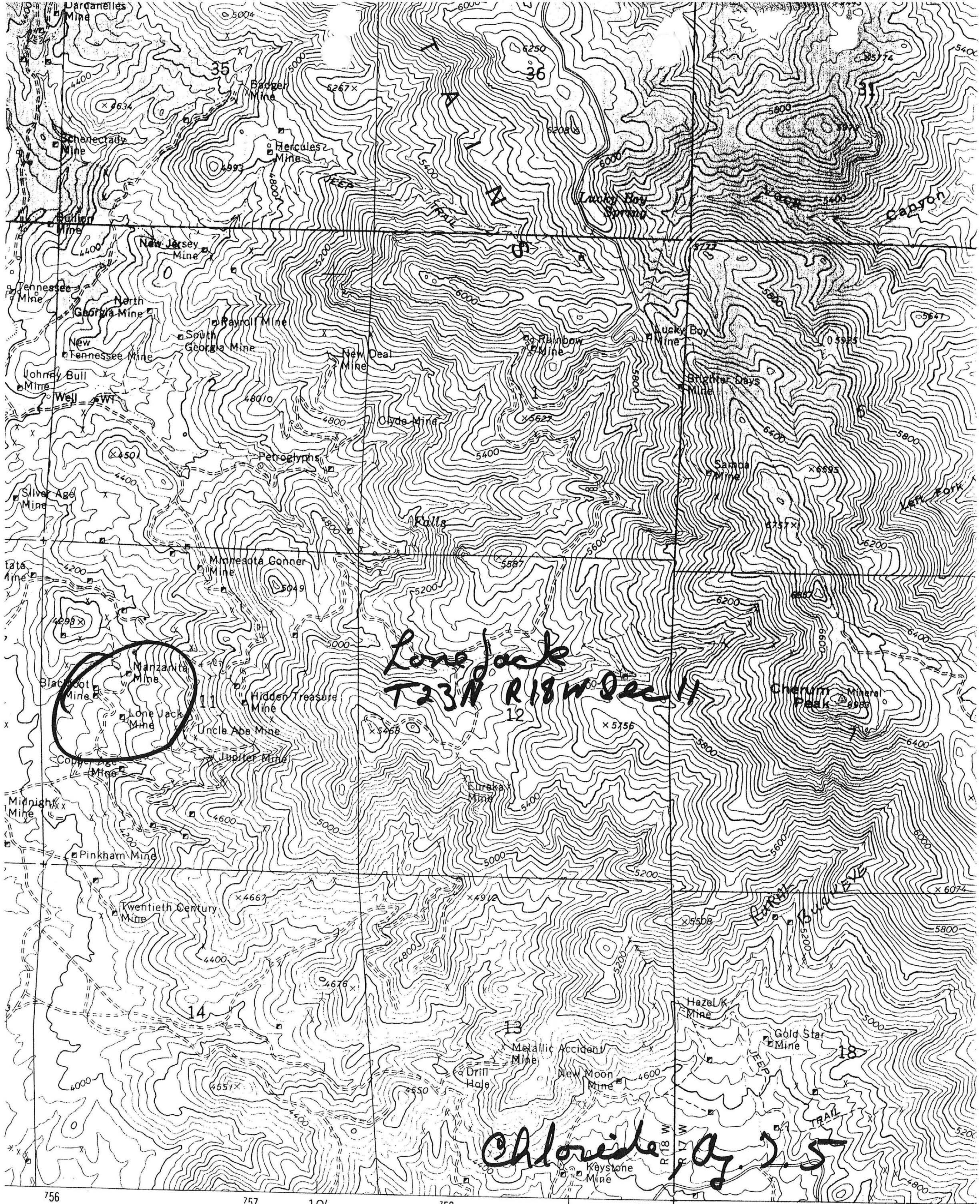
MOHAVE COUNTY MILS NUMBER: 122B

LOCATION: TOWNSHIP 23 N RANGE 18 W SECTION 11 QUARTER NW
LATITUDE: N 35DEG 23MIN 52SEC LONGITUDE: W 114DEG 10MIN 45SEC
TOPO MAP NAME: CHLORIDE - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
SILVER
ZINC
IRON SULFIDE
COPPER
GOLD LODE

BIBLIOGRAPHY:
ADMMR LONE JACK MINE FILE
ADMMR MOHAVE CARD FILE
HAURY, P.S. "ZINC-LEAD MINES IN WALLAPAI MNG DIST, AZ" USBM RI 4104, P 18-19, 1947
MALACH, R. "MOHAVE CTY MINES" P 24, 1977
GEO FILE - AZ MIN ASSOC. COMMENTS OF THE BLM UPPER SONORAN EIS



1 MILE

00 5000 6000 7000 FEET

1 KILOMETER

ROAD CLASSIFICATION

Heavy-duty Light-duty

NAME OF MINE: LONE JACK
OWNER:

COUNTY: Mohave
DISTRICT:
METALS: Pb, Zn, Ag

Date:	OPERATOR AND ADDRESS	Date:	MINE STATUS
2/46	Harry Lennox & Mrs. Louise E. Hughes, Chloride	2/46	Shipping

2/46 Shipping 75 tons weekly pb, zn, ag ore to Mineral Park Milling Co. Developed by 240' tunnel, 150' shaft with 400' drifting on 150' level. Length of present stoping ore 150', vein 5-½' wide.

LENNOX, Harry, Box 115
Chloride, Ariz.

3-4-43

LONE JACK-
See GOLDBACK-BLACKFOOT GROUP
Re - memorandum by field engineer

See TWENTIETH CENTURY
Re indium property 4-10-43

See LONE JACK - BLACK FOOT
See LONE JACK-BLACK FOOT - re gas application 3-24-44 11-3-44

GOLDBACK BLACKFOOT GROUP

Ag, Pb, Cu, Au

Mohave 8 - 7 T 23 N, R 18 W

Harry Lennox, Chloride '43

From "The Wallapai Project" by Mountain States Resource Development, Inc.
Complete report in Tennessee-Schuylkill file.

Ore minerals are principally cerargerite (silver), native gold, galena (lead) sphalerite (zinc), and chalcopyrite (copper). Some arsenopyrite occurs along with cerrusite and oxidized base metal minerals. One can consider this to be a typical "Rocky Mountain Lead, Zinc, Copper Ore."

In March 1977 Messers Dale and Rudy reported on their efforts to justify a custom mill for the small miners of Mohave County. They were funded by a government grant and did their work in conjunction with a number of governmental agencies. In the northern part of the district they report 256,700 tons of dump and tailing ore grading .018 to .103 oz/T gold, .66 to 6.63 oz?t silver, .03 to .16% copper, .13 to 1.79% lead and .50 to 3.56% zinc. They considered this to be proven ore.

It is interesting to note that this is only the northern part of the district and only includes materials that were easily accessable. Items like the buried table and jig tails at the Tennessee were not included.

H. Mason Coggin, a well known and respected mining engineer, evaluated the Copper Age group of claims in April, 1980. He measured many ore occurrences and interpreted a number of undeveloped one in the Copper Age group has a potential of 4.730 million tons averaging $200/ton.

In the Hidden Treasure section of the property Mr. Coggin estimates .5 million tons of ore grading $200/ton or better.

The Arizona Bureau of Mines lists the following known reserves in the Wallapai Mining District:

Mine	Tons	% Cu	% Pb	% Zn	oz/T Au	oz/T Ag
Banner	3841	.5	22.6	11.9	.21	7.4
	5000	.5	22.6	11.9	.21	7.4
Summit	25,000	.58	4.3	6.3	.066 -	4.5
	25,000	.58	4.3	6.3	.066	4.5
Golconda	40,000	.5	.5	14.0	.20	4.0
	40,000	.5	.5	14.0	.20	4.0
Fountain Head	1,250	.61	.65	16.4	.2	3.5
	3,750	.61	.65	16.4	.2	3.5
Detroit	1600	2.31	1.0	5.5	.01	7.2
	1600	2.31	1.0	5.5	.01	7.2
Wrigley	56,000	.1	9.0	.1	.1	.2
Tennessee	29,503	.1	4.1	8.2	.01	.2
	50,000	.1	4.1	8.2	.01	.2

R/H

Tennessee	100,000	.1	4.1	8.2	.01	.2
New Moon	11,000	.1	5.0	8.0	.05	7.5
	9,900	.1	5.0	8.0	.05	7.5
	10,000	.1	5.0	8.0	.05	7.5
Minnesota	900	.6	5.0	4.0	.01	.2
Lone Jack	2000	.19	5.51	4.66	.035	3.47
Copper Age	7,000	.1	3.6	7.3	.06	2.0
	7,000	.1	3.6	7.3	.06	2.0
Champion	570	.1	8.0	15.6	.26	10.0
	6,000	.1	8.0	15.6	.26	10.0
	6,000	.1	8.0	15.6	.26	10.0

While the above represent substantial exploration and are very conservative, especially since this is what their taxes are based upon, it is not fully conclusive. Mining costs, metallurgical techniques and markets must be developed. However these do show the substantial amounts of ore left in the mines.

Howard H. Heilman examined the Golconda Mine in great detail. He measured the reserves in numerous structures and defined those reserves as follows:

Virginia	350,000 tons
Tub	400,000
Little Jimmie	150,000
Peach Triangle	350,000
Golconda	300,000
Prosperity	80,000
Primrose	80,000
Blackfoot	90,000
	1,800,000

Mr. Heilman values these ores as follows:

Zinc	16%
Lead	.5%
Copper	.5%
Gold & Silver	$120.00/T*

* Bases on $300/oz gold and $6.00/oz silver.

The whole emphasis that comes from the Golconda reports is that the mine was shut down when the fire occurred and once stopped was not restarted. The stopes that were in production are in approximately the same situation as when the mine closed.

Tonnages as indicated above were confirmed by H. G. Humes and The American Metal Company. Grades in their estimates ran higher in lead and copper and slightly lower in zinc.

Dump samples on the Golconda were taken and measurements of tonnage were made. The measured tonnages are as follows:

Chats	15,000 tons
Lower Blackfoot	3,000
Middle Blackfoot	7,000
Upper Blackfoot	500
Prosperity	8,000
Tub	3,000
Silver	7,000
Tails	20,000
Golconda	30,000
	93,500

Of the dump ore, approximately 6,000 tons of it will not meet $65/T gross metal value criteria leaving some 87,500 tons.

Samples taken by CEC have confirmed some of the grades quoted. The ongoing program of sampling each dump by complete trenching and then metallurgical testing the sampled material will accurately prove not only the tonnage and assay of each dump, but will also define what can be recovered from these dumps.

Metallurgically the ores in the Wallapai District are best treated by flotation. Recoveries as follows can be expected on ores that are freshly mined:

Lead and Silver	90-95%
Copper and Gold	85-90%
Zinc	75-85%

Ores that have been oxidized by weathering (e.g. dump ores) are also best treated by flotation unless the weathering is severe. One might expect a 5% reduction in recovery, but otherwise the treatment should be unaffected.

Gravity seperation means can also be used on the Wallapai ores. Recoveries are lower, but oxidation has no effect. Some cases of highly oxidized ores yield higher recoveries than flotation, but these are not very important in the district.

Ores with high sulfides should never be treated by leaching techniques. This is a waste of time, money and resources.

The most important item in determining the best method of treatment is metallurgical testing. Ores, even ores from similar mines, must be tested and the parameters for optimum treatment established. A few dollars spent on professional metallurgical testing will save hundreds of thousands in the final analysis.

Summarizing one can state that dump ores and tailings in the district that will meet a $65/T gross metal value are substantial. If the reports issued by competent personnel quoted herein are correct the tonnage is in excess of 300,000 tons. While CEC is

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
MINE OWNER'S REPORT

Date 3/26/58

1. Mine: Lone Jack - Blackfoot
2. Location: Sec. ..... Twp. ..... Range ..... Nearest Town Chloride Distance 1 1/2 miles
   Direction ..... Nearest R.R. Kingman Distance 20 miles
   Road Conditions Excellent
3. Mining District and County: Wallapai
4. Former Name of Mine: Goldback
5. Owner: Harry C. J. Lennox
   Address: Box 467, Seligman, Ariz
6. Operator: .....
   Address: .....
7. Principal Minerals: Lead, Zinc, Copper, Gold, Silver
8. Number of Claims: Lode ..... Patented ..... Unpatented 1
   Placer ..... Patented ..... Unpatented .....
9. Type of Surrounding Terrain: Easy grade
10. Geology and Mineralization: .....
11. Dimension and Value of Ore Body: Vein 4 feet wide

Please give as complete information as possible and attach copies of engineer's reports, shipment returns, maps, etc. if you wish to have them available in this Department's files for inspection by prospective leasors or buyers.

(over)

12. Ore "Blocked Out" or "In Sight":

Ore Probable: Below 140' level, shaft must be sunk and drift run under 3 claims. Ore above 140' shipped by me 1941-44

13. Mine Workings—Amount and Condition:

No.	Feet	Condition
Shafts	140	
Raises		
Tunnels	135'	
Crosscuts	1-15'	
Stopes	65' length	

14. Water Supply: Plenty for mining

15. Brief History: Mined ore 1941-44 shipped to mill in Mineral Park about 4400 tons

16. Remarks: Ore is low grade on Lone Jack
Higher grade copper-silver on Blackfoot

17. If Property for Sale, List Approximate Price and Terms: Only after adequate examination by any interested parties.

18. Signature: Harry C. J. Lennox

NAME OF COMPANY Lennox-Hughes Syndicate

NAME OF MINE Lone Jack - Blackfoot

(1) Production - January 1st to June 30, 1946, inclusive.

Producers shipping ore direct to smelters or to custom mills use Column No. 1; producers operating their own mill use Column No. 2.

COLUMN NO. 1	Tons	% Cu	% Pb	% Zn
Crude Ore	1600	.30	4.50	5.00

COLUMN NO. 2	Tons	% Cu	% Pb	% Zn
Copper Conc.				
Lead Conc.				
Zinc Conc.				

(2) Average Price Received for Metals in Above Production

This to be the total of the ceiling price plus premiums.

Copper	-	¢/lb. Conn. Valley as base
Lead	12.00	¢/lb. N.Y. as base
Zinc	16.5	¢/lb. East St. Louis as base

(3) What do you estimate your production would have been, January 1st to June 30, 1946, if the metal price had been:

Cu 14 3/8¢/lb. Conn. Valley; Lead 8.25¢/lb. N.Y.; Zinc 8.25¢/lb East St. Louis (with no premiums)

COLUMN NO. 1			COLUMN NO. 2	
Crude Ore	None	Tons	Copper Conc.	Tons
			Lead Conc.	Tons
			Zinc Conc.	Tons

(4) What do you estimate your production would have been, January 1st to June 30, 1946, if the metal prices had been:

Cu 16¢/lb. Conn. Valley; Lead 11¢/lb. N.Y.; Zinc 9.50¢/lb. East St. Louis (with no premiums)

COLUMN NO. 1			COLUMN NO. 2	
Crude Ore	None- mill settlement would bring only about $4.50 to cover cost of mining and trucking	Tons	Copper Conc.	Tons
			Lead Conc.	Tons
			Zinc Conc.	Tons

(5) If a metal Conservation Price Plan, similar to the present Premium Price Plan, were made permanent for at least five years,

(a) What would your yearly production of ore or concentrates be: 4800 tons

(b) Would such a plan cause you to expand your exploration- development program? If so, how much? Yes Sink shaft deeper

(c) What effect would such a plan have in increasing your ore reserves? 75 ton/ft

(d) In view of low tariffs, how would such a plan promote a healthy mining industry? Would enable Lone Jack mine to be developed at depth with good probability of bringing in a large producer.

March 4, 1943

Harry Lennox
Goldback-Blackfoot Group,
Chloride, Ariz.

MEMORANDUM

To: J. S. Coupal

From: Elgin B. Holt

Your attention is called to an application, in the sum of $20,000, which was mailed by Harry Lennox, of Chloride, Arizona, some two weeks ago, with which to develop the GOLDBACK-BLACKFOOT GROUP, located about two miles southeast of Chloride, and belonging to Lennox.

On November 16, 1942, I visited this property with Mr. Lennox and looked it over carefully, inasmuch as he was then arranging to make an application to RFC for a $5000 preliminary development loan, with the assistance of R. A. Thurstin, Mining Engineer, of Chloride. At the time of my visit, I did not collect enough data to warrant writing a report; but I intended to do so later; but did not get around to it.

This property, however, in my opinion covers the N. W. extension of the COPPER AGE MINE, which has been developed by a tunnel 1,700 feet in length and by a shaft 350 feet deep; both workings being on a vein from 2.5 to 3 feet wide, and exposing 100,000 tons, per Oscar H. Hershey, assaying 0.02 oz. gold, 6.6 ozs. silver, 2.1% lead. 0.10% copper and 4.7% zinc.

Work on the Goldback-Blackfoot group, consists of one tunnel, on a 4-foot vein, 237 feet in length; the Goldback Shaft, which is 150 feet deep, with 150 feet of drifting on vein at bottom; the Blackfoot Shaft, 200 feet deep, with considerable lateral workings on vein. Lennox has shipped several car loads of ore from the Blackfoot workings; but I have not in my possession the results of these shipments. This property, however, appeals to me as a "good bet", and I believe if it is further developed, it will make a mine.

On the other hand, the main workings of this property are not accessible for sampling by RFC engineers. Hence, I believe the application should have called for $5000 instead of $20,000. However, Mr. Thurstin, I understand, wrote into the said application a request for certain funds with which to makethe mine accessible for sampling, as, when he wrote the said application, he was of the opinion the $5000 preliminary development loans had been done away with. I would be pleased to know if it is quite all right to make a mixed application, calling for funds with which to make a mine accessible for sampling, as well as for funds with which to carry out development work in the same application. Kindly let me know about this.

As Mr. Lennox has been one of our most active workers for ASMOA in Chloride, I am, of course, sure you will do what you can in having his application given due consideration by RFC. Lennox tells me that he has received a letter from Mr. Gohring stating that Mr. Lane will soon examine his property.

Elgin B. Holt.

Elgin B. Holt.

cc - Harry Lennox.

LONE JACK

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 270 Lbs.) (Lead 4000 Lbs.) (Zinc 4000 Lbs.)

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

   (Copper 0 Lbs.) (Lead 0 Lbs.) (Zinc 0 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 0 Lbs.) (Lead 0 Lbs.) (Zinc 0 Lbs.)

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

   (Copper_____ Lbs.) (Lead_____ Lbs.) (Zinc_____ Lbs.)

5. General remarks: Could go ahead with fine body of ore if premiums are restored. I was operating in good shape and repaying R.F.C until veto of premium price plan

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

Harry C. J. Lennox, Mgr
Lennox-Hughes Syndicate
Chloride, Arizona

Lone Jack - Blackfoot mine

DEPARTMENT OF MINERAL RESOURCES
State of Arizona
FIELD ENGINEER'S REPORT

Mine: Lone Jack-Blackfoot Mines Date: July 18, 1943

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

Subject: BRIEF REPORT

OWNERS: Harry C. J. Lennox & Mrs. Louise E. Hughes, Box 115, Chloride, Arizona.

METALS: Zinc, Lead, copper, gold and silver. Character of ore is complex sulphide material, suitable for treatment by selective flotation.

LOCATION:

Property, consisting of the Lone Jack and Blackfoot mining claims, is located 3 miles southeast of Chloride, Arizona, with which it is connected by a good truck road.

VEINS:

The main vein, 5 feet in width, strikes north 35 degrees west, and dips 74 degrees southwest. Also, there is an unexplored intersecting vein striking north 10° west.

LONE JACK WORKINGS:

A vertical timbered shaft has been sunk to a depth of 150 feet on the main vein mentioned. On the 150-foot level, a drift was run 250 feet southeast on vein; but on this level, no drift was run to the northwest. The said 250-foot drift has exposed an ore shoot 100 feet in length, in back end of drift, the face of which is in ore.

LONE JACK ORE RESERVES:

Mr. Lennox estimates the probable ore reserves in the Lone Jack workings at 7,500 tons, averaging per samples cut by RFC engineers and other engineers as follows:

Zn-%	Pb-%	Cu-%	Au-oz	Ag-ozs.
5.30	5.50	0.30	0.05	5.07

BLACKFOOT WORKINGS:

An inclined shaft is sunk 200 feet deep on vein, which is 3 feet in width, with a pay streak from 12 inches to 22 inches wide, per Lennox. On the 50-foot level of this shaft, a drift was run on vein, 2.5 feet wide, southeast 70 feet. Also, a drift was run on vein, northwest on this level, 25 feet. On the 100-foot level, a drift was run 8 feet southeast on vein, 3 feet wide, and northwest 25 feet on the same vein. On the said 100-foot level, there is an ore shoot 33 feet in length by 3 feet in width, assaying as follows:

Zn-%	Pb-%	Cu-%	Au-oz	Ag-ozs.
4.80	1.90	3.20	0.12	31.45

On the 150-foot level of the Blackfoot shaft, per Lennox, a drift was run southeast 40 feet and northwest 50 feet, on an ore vein 2.5 feet wide. In the southeast drift in this level there is an old stope (1909) from which 10 car loads of

ore were shipped averaging about $100 per ton in copper, gold and silver; but smelter returns of these shipments are not now available. Also, 3 car loads of ore were shipped from the said 50-foot level (1938-1940), of which one smelter settlement sheet is available, in the hands of Mr. Lennox, the assay returns of which follow:

Gold ----------	0.12 oz.
Silver----------	21.30 ozs.
Copper----------	1.90%

Said shipment was made to the Hayden smelter during January, 1941; zinc and lead values not being reported.

BLACKFOOT ORE RESERVES:

Mr. Lennox estimates the probable ore reserves in the Blackfoot workings at 2,499 tons, roughly averaging as follows:

Zn-%	Pb-%	Cu-%	Au-oz	Ag-ozs
3.50	1.50	2.00	0.12	20.00

RFC LOAN:

On April 15, 1943, Lennox was granted an RFC loan in the sum of $2,500, with which he has cleaned out and rehabilitated all of the workings herein described. Also, he has recently applied to RFC for a loan amounting to $12,500 with which to carry out new development work on this property, with the prime end in view of exposing a considerable tonnage of new reserves of milling ores, which should run higher in zinc, as depth is attained, than the assays on this metal above quoted.

ESTIMATED DAILY PRODUCTION:

When and if the said $12,500 loan is granted by RFC, it is believed this property could be put in shape within 90 days to produce 25 tons of milling ore daily, assaying more or less as follows:

Zn-%	Pb-%	Cu-%	Au-oz	Ag-ozs
4.40	3.50	1.05	0.08	12.53

Also, in the event this property could be financed in a large way, with a view to carrying out extensive exploratory work in the same, it is believed it could be put in shape within a period of one year to produce at least 75 tons of milling ore daily, assaying equal to or even in excess of the last assays quoted above.

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

DEPARTMENT OF MINERAL RESOURCES

REPORT TO OPA ON ACTIVE MINING PROJECT

Filing Information

File System.....

File No.....

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

Date.....November 3, 1944.....

Name of Mine.....Lone-Jack Blackfoot.....

Owner or Operator.....Harry C. J. Lennox,.....

Address.....Box 115, Chloride, Ariz.

Mine Location.....Five miles SE of Chloride, Ariz.

PRESENT OPERATIONS: (check X)

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

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

Other (specify).....

PRODUCTION: Past and Future.

	Tons
Approx. tons last 3 months	
Approx. present rate per 3 months	
Anticipated rate next 3 months	
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	1	160	15
Light or Service Trucks			
Ore Hauling Trucks			
Compressors			
Other Mine or Mill Eqpt.			

PRODUCT PRODUCED OR CONTEMPLATED: Name metals or minerals. Copper, zinc & lead.

Applicant has $5000 worth of machinery at mine, belonging to RFC, which he must watch; makes trips to mine 4 times weekly.

REMARKS: Requests one 600-16 tire.

ARIZONA DEPARTMENT OF MINERAL RESOURCES

By Elgin B. Holt

Elgin B. Holt, Field Engineer.

March 24, 1944

MEMORANDUM

H.C.J. LENNOX PROPERTIES

TO: Elgin B. Holt

FROM: J. S. Coupal

There is some confusion in the records regarding the operation on the properties by H. C. J. Lennox.

Please give us a clear cut statement regarding the ~~Goldback~~ Lone Jack-Blackfoot group, the Lone Jack and the L H Syndicate -- which properties are operating, on which they have had loans and any other information so as to clear our records.

J S Coupal

JSC:LP

"L. H. Syndicate" operating
Lone Jack-Blackfoot Mines.
$12 500, Wire Granted on "Lone Jack-Blackfoot".
Harry C. Lennox Manager.
Mrs. Louise E. Hughes Co-Owners.

March 6, 1943

Mr. Harry C. J. Lennox
P. O. Box 115
Chloride, Arizona

Dear Mr. Lennox:

I have not replied to your letter of February 18 as I thought I would soon have a chance to look over your loan application and would then get in touch with you.

I notice today, however, a memorandum from Elgin B. Holt stating that you made application for a $20,000 loan although the mine is inaccessible for sampling. Any applications of the development type do not come to our office and for that reason I have not seen the application. I do know, however, that the RFC office considered it necessary to have one of their field engineers look over the property before taking any action on the application. I understand one of their engineers is in the district now and has already no doubt contacted you.

If we may be of any assistance to you, do not hesitate to call on us.

Very truly yours,

Earl F. Hastings
Projects Engineer

EFH:kk

cc - Mr. Elgin B. Holt
Box 188
Kingman, Arizona

Box 115,
Chloride, Ariz.,
Feb. 18, 1943.

Mr. Earl Hastings,
Ass't Director,
Dept. of Mineral Resources,
Title & Trust Bldg.,
Phoenix, Arizona.

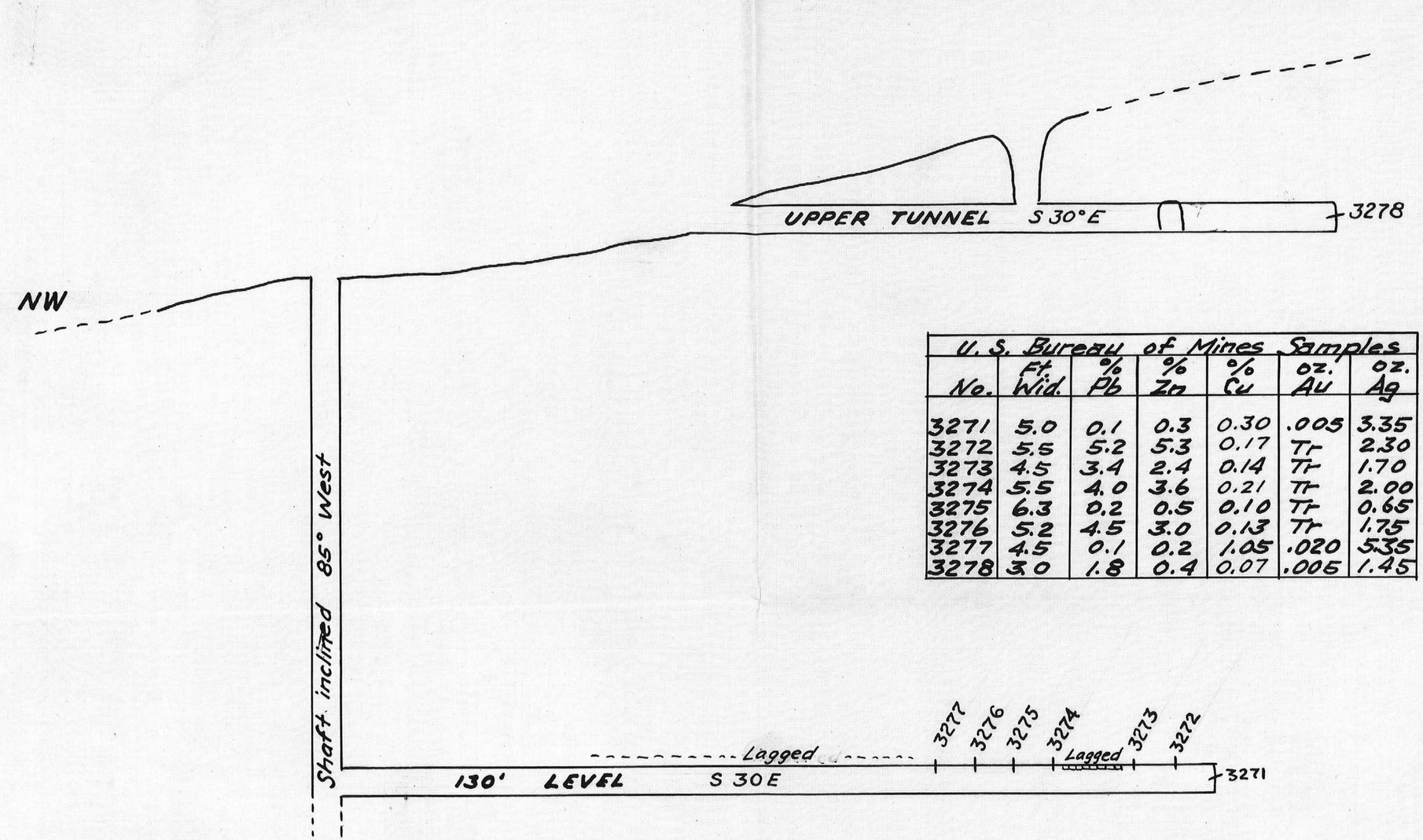
Dear Earl:-

Yesterday I sent Mr. W. B. Gohring my application for a mining loan on the combined Blackfoot and Goldback or Lone Jack Mining claims the former which I own and the latter Mrs. Louise E. Highes, mother of Dave Hughes. You remember Dave as he worked for you at the Producers while you were Supt. and he is now western representative for the Ingersoll-Rand Company. Our properties end-line and we have formed a syndicate to mutually work the properties. I have co per and lead and zinc and the Lone Jack is zinc and lead. The Lone Jack is a big ledge and mining men who have seen it think that it is a sure-fire thing. My Blackfoot is a good claim and all the ore shipped while I have owned it has paid. I am sure you remember where the claims are located and the adjoining property is producing a car of lead ore every week. This Manzanita side-lines my Blackfoot. I am sure you will give this your earnest consideration should it be turned over to you for perusal. Thanking you for any consideration you may give me, and with kind personal regards to you, I am

Sincerely

Harry C. J. Lennot.

Secretary Chloride Branch,
Arizona Small Mine Oper. Assoc.



U. S. Bureau of Mines Samples						
No.	Ft. Wid.	% Pb	% Zn	% Cu	oz. Au	oz. Ag
3271	5.0	0.1	0.3	0.30	.005	3.35
3272	5.5	5.2	5.3	0.17	Tr	2.30
3273	4.5	3.4	2.4	0.14	Tr	1.70
3274	5.5	4.0	3.6	0.21	Tr	2.00
3275	6.3	0.2	0.5	0.10	Tr	0.65
3276	5.2	4.5	3.0	0.13	Tr	1.75
3277	4.5	0.1	0.2	1.05	.020	5.35
3278	3.0	1.8	0.4	0.07	.006	1.45

Examined in September, 1943
when all workings as shown were accessible

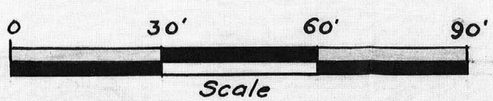


FIG. 6 - LONE JACK MINE, SECTION IN PLANE OF THE VEIN