State Department of Geology and Mineral Industries

702 Woodlark Building
Portland 5, Oregon

LUCKY BOY MINE (Gold, silver, copper, lead)

Blue River District
Lane County

Owner: Consolidated Lucky Boy Mines Company (1935), 213 American Bank Building, Portland, Oregon. Grant Phegley, president; J. E. Phegley, secretary, Morgan Building, Portland, Oregon

Location: Secs. 32 and 33, T. 15 S., R. 4 E., and secs. 4 and 5, T. 16 S., R. 4 E., about 4½ miles by road north of the town of Blue River, on the northeast side of Quartz Creek, a tributary of Blue River.

Area: Property consists of 14 patented claims as follows:

Lucky Boy group	Lucky Queen group	Others
Lucky Boy	Lucky Queen	Sure Winner
Lucky Boy fraction no. 1	Imperial	F.G.S.
Lucky Boy fraction no. 4	Majestic	
Louise	S.P.	
Louis	Boodle	
Confidence		
Gold Dollar		

History and production: The Lucky Boy mine was discovered in 1887, and a 15-stamp mill was built in 1898. In 1903 a 40-stamp mill was erected, together with a power plant on the McKenzie River and a transmission line to the mine. The mine closed down in 1912 and the equipment either has been taken away or is now in ruins. This mine has furnished nearly all the production of the Blue River district. The recorded production since 1902, which does not include a possible $50,000 to $100,000 prior to 1902 and which has a total value of approximately $174,000, is as follows:

Gold	7,737 oz.
Silver . . .	12,844 oz.
Copper . . .	4,257 lbs.
Lead	1,051 lbs.

Development: Most of the mining was done in the 5 upper levels which total more than 4,000 lineal feet of drifts, crosscuts, raises, and winzes. Two lower levels have been driven in recent years. No. 6 level explored the vein for more than 400 feet. No. 7 level crosscut driven 216 feet below No. 6 did not reach the vein.

Geology and ore deposits: The country rock is tuff and volcanic breccia, together with some labradorite andesite dikes. The main oreshoot occurred at or near the intersection of the Daisy Creek vein, which strikes from N. 45° W.

to west, and the Lucky Boy vein, which strikes N. 33° W. and dips 80° N.E. The Confidence vein is parallel to and about 200 feet southwest of the Lucky Boy. The Gold Dollar is shown on old maps as lying northwest of the Confidence, striking nearly north and as being explored by open cuts and a short drift. The Imperial vein is probably the gouge zone near the portal of the lowest or No. 7 crosscut. Sulphides from the vein in the next to lowest or No. 6 crosscut consist of chalcopyrite, galena, pyrite, and sphalerite in quartz. According to Callaghan and Buddington (1938:120) the vein on this level is as much as 25 feet thick, including masses of country rock, with lenses as much as 3 feet thick of silicified material and streaks of sulphides a few inches wide. A grab sample taken in 1941 from the waste dump at the No 5 crosscut assayed* 0.02 ounces of gold and 0.47 percent zinc. The oxidized zone extends to a depth of at least 150 feet.

Assays of picked samples supplied by the owners gave the following results (Callaghan and Buddington, 1938:120):

Gold (ounces)	Silver (ounces)	Lead (percent)	Zinc (percent)
0.03	19.77	71.52	0.8
0.07	18.50	65.1	0.9

References: Callaghan and Buddington, 1938:119-121
Parks and Swartley, 1916:69-70
Stafford, 1904

* Department sample.

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Oregon State Dept. of Geology and Mineral Industries Bulletin 14-D; Oregon Metal Mines Handbook, Northwestern Oregon, p. 48-49, 1951.

CONSOLIDATED LUCKY BOY MINES COMPANY
(Gold, copper and lead)

LANE COUNTY
BLUE RIVER DISTRICT

. . . . .

The ore deposits are of the fractured zone type, having a general strike of N. 45 to 50° W. and dipping to the southwest. It is probable that the mineralization was caused by rising solutions in fractured zones from the cooling intrusion of the granodiorite porphyry.

At the Lucky Boy mine the country rock is an andesitic breccia. The lode strikes N. 45° W., with a dip of 80° to the northeast. It has been traced for about 5000 feet, and has a maximum width of 45 feet. The oxidized zone extends to a depth of 150 feet. Below this the chief ore minerals are galena, sphalerite and chalcopyrite. The development work consists of 6 drifts and 1 crosscut tunnel. Considerable ground has been stoped. Mill consists of 40 stamps, 5 Wilfley tables and 5 vanners, and the new interests expect to install a flotation plant.

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Taken from Oregon Bureau of Mines and Geology "The Mineral Resources of Oregon, Volume 2, Number 4, December 1916, p. 70.

BLANK B—ANNUAL REPORT

This report must be properly executed and filed with the Corporation Commissioner on or before July 1, 1933, in order to entitle a corporation mining for any of the precious metals, coal, or prospecting or operating for oil, or operating an oil well, to pay a license fee of only $10. If not so filed, such corporation must pay the same license fees as are required to be paid by other corporations for gain.—Section 25-244, Oregon Code 1930.

ANNUAL REPORT TO THE CORPORATION DEPARTMENT

FOR THE YEAR ENDING JUNE 30, ~~1933~~ 1935

Of CONSOLIDATED LUCKY BOY MINES CO.
(Give legal name in full)

a corporation organized and existing under and pursuant to the laws of the State of Oregon.

The location of its principal office is at No. 213 American Bank Bldg. *Street, in the city of* Portland, *in the state of* Oregon

The names and addresses of principal officers, with the postoffice address of each are as follows:

NAMES	OFFICE	BUSINESS ADDRESS
Grant Phegley	President	Morgan Bldg., Portland, Ore.
J. E. Phegley	Secretary	do
do	Treasurer	do

The date of the annual election of officers is 1st Tuesday in February

The date of the annual election of directors is do

	Common With Par Value	Common No Par Value	Preferred
Amount of authorized capital stock	$1,000,000.	Shares	$
Number of shares of authorized capital stock . .	10,000		
Par value of each share	$1,000,000.	xxxxxx	$
Amount of capital stock subscribed	$1,000,000.	Shares	$
Amount of capital stock issued	$1,000,000.	Shares	$
Amount of capital stock paid up	$	Shares	$
Price at which no par value stock issued . . .	xxxxxx	$	xxxxxx

State amount of capital, represented by stock of no par value, *with which the corporation began business* . . . . . $ none

Total amount of its properties in Oregon (name of claims, lodes, or placers)
Lucky Boy Fraction No. 1, Lucky Boy, Lucky Boy Fraction No. 4, Louise, Louis, Confidence and Gold Dollar, comprising the Lucky Boy group; the Imperial, Majestic, Lucky Queen, S.P. and Boodle, comprising the Lucky Queen group, the Sure Winner, the F.C.S. claims

The location of its properties Blue river district, Lane County, Oregon

The amount of work done thereon and improvements made thereon since the time of filing last report $5,000.00

The amount of output or products of the mines or wells of such corporation from January 1, 1932, to December 31, 1932, inclusive, $125.00

The value of output or products of the mines or wells of such corporation from January 1, 1932, to December 31, 1932, $ 125.00

IN WITNESS WHEREOF, I, Grant Phegley, President *of said corporation, have signed this report, this* 27th *day of* May, *A. D. 193*5

[CORPORATE SEAL]

(signed) Grant Phegley

STATE OF OREGON,
County of } *ss.*

Blue River Dist.
Lane County

✓ FWL

LUCKY BOY MINE

Object: The visit was made by F. W. Libbey to get preliminary evidence on possible commercial occurrence of zinc.

Location: Parts of secs. 32 and 33, T. 15 S., R. 4 E. and secs. 4 and 5, T. 16 S., R. 4 E., largely on the east side of Quartz Creek, at elevations between 3000 and 4000 feet. The claims are in Lane County close to the Linn County line, about 5 miles north of the town of Blue River which is on the McKenzie Highway. There is a road from Blue River to the mine but only the first half of it may be travelled by an automobile; the last half has steep grades and is very rough.

The lowest cross cut tunnel was driven to supply a 40 stamp mill, some remains of which are still on the property. The mill was built early in the present century. The tunnel was never completed to the ore.

Next above is the no. 6 tunnel which is the lowest tunnel in ore on the Lucky Boy vein. Some quartz containing sulphides in the amount of 15-20 tons was piled on the dump. Sulphides consist of chalcopyrite, galena, pyrite and sphalerite. The ore was taken out about 5 or 6 years ago when a mill was built near the portal of the tunnel. Milling equipment consists of crusher, two ball mills, classifier and flotation cells. The project was operated but a short time and reported unprofitable.

Above No. 6 tunnel is No. 5 from which most of the ore was removed in the early operations at the mine. There are large waste dumps here and remains of an old 15-stamp mill. A grab from the waste dump assayed 0.02 oz. An and 0.47 Zn. There are remains of an old aerial tramway which transported ore down to the 40 stamp mill.

From the evidence seen it was concluded that prospects of mining zinc ore in any sizable quantity were rather faint.

F.W.L. May 1, 1941

Also see Callaghan, p. 119-121

Lucky Boy Mine
Lane County
Blue River

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

ASSAY REPORT

BG-423

Grants Pass, Oregon
Baker, Oregon

May 16 1941

Sample submitted by F. W. Libbey, Mining Engineer, State Dept. of Geology and Mineral Industries, Portland, Oregon

Sample description: Highly altered felsite containing a small amount of finely disseminated pyrite. 6 lbs. 2 inches and smaller. Panning showed only a trace of galena in the sample.

The assay results recorded below are made without charge as provided by Chapter 176, Section 10, Oregon Laws 1937, the sender having complied with the provisions thereof.

NOTICE: The assay results recorded below are from a sample furnished by the above named person. This Department had no part in the taking of the sample and assumes no responsibility, other than the accuracy of the assay of the material as furnished it by the sender.

	GOLD		SILVER		Zinc				
Sample Number	Ounces per ton	Value	Ounces per ton	Value	Percent	Value	Percent	Value	Total Value
	0.02	0.70	Trace		0.47				

Market Quotations:

Gold	$35.00	per oz.
Silver	$ .70	per oz.
	$	per lb.
	$	per lb.

STATE ASSAY LABORATORY

Albert A. Levin
Assayer

Lucky Boy Mine
Lane County
Blue River

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

BG-423

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	GOLD		SILVER		Zinc				
Sample Number	Ounces per ton	Value	Ounces per ton	Value	Percent	Value	Percent	Value	Total Value
	0.02	0.70	Trace		0.47				

Market Quotations:

Gold	$35.00	per oz.
Silver	$ .70	per oz.
	$	per lb.
	$	per lb.

STATE ASSAY LABORATORY

Albert A. Lewis
Assayer

Lucky Boy No. 1
Lake Co., Windy Holler
Sec. 15, T. 35 S.,
R. 23 E.

STATE DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES

ASSAY REPORT

BG-41

Grants Pass, Oregon
~~Baker, Oregon~~

February 17, 1941

Sample submitted by Stanley Gray, Box 377, Lakeview, Oregon

Sample description: Altered felsite containing a noticeable amount of cinnabar. 20 lbs. 6 inches and smaller.

The assay results recorded below are made without charge as provided by Chapter 176, Section 10, Oregon Laws 1937, the sender having complied with the provisions thereof.

NOTICE: The assay results recorded below are from a sample furnished by the above named person. This Department had no part in the taking of the sample and assumes no responsibility, other than the accuracy of the assay of the material as furnished it by the sender.

Qualitative

	GOLD		Tin ~~SILVER~~		Zinc		Mercury		
Sample Number	Ounces per ton	Value	Ounces per ton	Value	Percent	Value	Percent	Value	Total Value
			None		None		1.70	71.74	$71.74
					Nothing else of value.				

Market Quotations:

Gold	$	per oz.
Silver	$	per oz.
	$	per lb.
	$	per lb.

Mercury @ $160 per flask of 70 lbs.

STATE ASSAY LABORATORY

Assayer

State Department of Geology and Mineral Industries

702 Woodlark Building
Portland 5, Oregon

NOTES ON VISIT TO LUCKY BOY MINE

Blue River District, Lane County

The Lucky Boy mine was visited April 23 and 24, 1952. The operations are being conducted by the Lucky Boy Mining Company, P.O. Box 124, Blue River, Oregon, with Mr. George Marshall in charge. Mr. A. F. Lowes of Molalla, a logging contractor, is financing the work. Operations apparently began last July and have continued steadily since then. At the present time 25 men are employed and work is on a 3-shift basis. A steep and narrow road has been punched up to the No. 6 level and only 4-wheel drive vehicles can negotiate it at the present time. The No. 6 and 7 tunnels are being worked on. The No. 6 tunnel is badly caved a short distance in from the portal, and old maps indicate that 400 feet of the tunnel were timbered. Apparently this stretch of the tunnel is either partially or entirely caved. A great amount of water is coming out of the face and the tracks are submerged to a depth of about 4 inches. In the No. 7 level the face is now in over 1000 feet. Of this distance over 600 feet have been driven in the last year. At the time of the inspection the tunnel had been turned to the northwest after the crosscut had encountered a sheared zone. Water in the face at the end of the crosscut indicated that the hanging wall had apparently not yet been reached. No mineralization other than scattered pyrite was observed at any point in the tunnel, and Marshall was of the opinion that the vein had been intersected at a point occupied by a horse. The No. 7 portal has been enclosed by a substantial building which houses the compressor, generator, and other equipment. A small change house has also been constructed.

The company, according to Marshall, now controls approximately 3800 acres which is composed of 26 patented claims and about 175 unpatented claims. A surveying crew is tying in the various underground workings and two maps were obtained for the Department files. One map is a plan of the No. 7 level and the second is a plan showing the three levels, Nos. 5, 6, and 7.

RSM & DJW, April 25, 1952

STATE OF OREGON DEPARTMENT OF GEOLOGY AND MINERAL INDUSTRIES
ASSAY LABORATORY

REQUEST FOR SAMPLE INFORMATION

The State Law governing free analysis of samples sent to State Assay Laboratories requires that certain information be furnished the Laboratory regarding samples sent for assay or identification. A copy of the law will be found on the back of this blank. Please fill in the information called for as completely as possible, and submit it along with your sample. Keep a copy of the information on each sample for your own reference.

Your name in full R. S. Mason

Post office address

Are you a citizen of Oregon _____ Date on which sample is sent _____

Name (or names) of owners of the property

Name of claim sample obtained from Lucky Boy mine #6 level

Location of property or source of sample (describe as accurately as possible below):
(If legal description is not known, give location with reference to known geographical point.)

County Lane Mining district Blue River

Township 15 S Range 4 E Section 32 Quarter section

How far from passable road and name of road

	Channel (length)	Grab	Assay for	Description
Sample no. 1		x	Au, Ag, Cu, Pb, Zn	Mixed sulphides ON DUMP
Sample no. 2		x	" " " "	" " IN DRIFT

(Samples for assay should be at least 1 pound in weight; clay samples for ceramic testing, at least 5 pounds.)
IMPORTANT: A vein sample should be taken in an even channel across the vein from wall to wall. Location of sample in the workings, together with the width measured, should be recorded

(Signed)

DO NOT WRITE BELOW THIS LINE - FOR OFFICE USE ONLY - USE OTHER SIDE IF DESIRED

Description

Sample number	GOLD oz./T.	GOLD Value	SILVER oz./T.	SILVER Value	COPPER Cu	LEAD Pb	ZINC Zn	
P-12670	0.06	$2.10	4.00	$3.61	0.90%	5.11%	8.65%	- - - -
P-12689	0.06	$2.10	4.00	$3.61	1.60%	4.70%	11.74%	- - - -

Report issued _____ Card filed _____ Report mailed 5-8-52 Called for _____

SIR-5