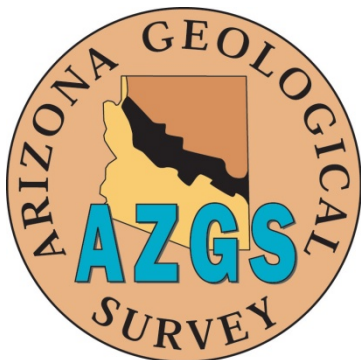




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Docket No. 110

C-ND-7543

~~Date Auth for Exam Rec'd.~~

May 28, 1943

Date of Exam

Date of Report.

Note: The applicant has been operating under a Preliminary Development Loan in the amount of \$5000 which was granted ~~to~~ in Oct. 1942. The loan fund has been ~~largely~~ expended and the borrower is requesting an additional loan for the purpose of further developing the project.

1 Name and address of Applicant

Name Paymaster Silver Lead Co. of Ariz.

Address: P.O. Box 2469

Tucson Arizona

Correspondent

W. T. Lawson

Same address

2 Character of Project

Develop of lead, copper, silver, gold deposit.

3 Location of mine

The mine is located in the T. 17 S., R. 12 E., Pima County. The nearest rail point is at Schuairita 18 miles east & by good dirt road from the mine. Tucson is 25 miles

will be built by the Eagle
Picher Mining Co. near Solomonsville. It
is expected that this mill will accept
copper ore from the district.

northeast by graded dirt road from the
mine. Twin Buttes and the district of that
name is several miles south of the
mine. ^{mine is accessible} ~~The road is accessible~~
at all seasons

Applicant

The applicant is a corporation the
chief interest in which is held by W.T.
Lawson and his brother. W.T. Lawson,
president of the Corporation directs the
affairs of the corporation. A Mr. Kemp
acts as consulting engineer for the
corporation. The Lawson brothers
and Mr. Kemp are all very old
men particularly W.T. Lawson, Mr.
Lawson, despite the fact that he
has spent considerable money on the
property in the past, does not appear
to have much knowledge of mining.

The work performed under the prelimi-
nary development loan consisted of:
retimbering and cleaning out the No. 4 1/2
shaft (see sketch), a small amount of
roughing around in the Beldam shaft,
sinking of the Linda shaft to a depth
of 68 feet with about 20 feet of drifting
at a depth of 58 feet, some clean out
work in the North shaft, some scattered
surface scratching. Work in the
No 4 1/2 shaft was abandoned when the

crosscut at the bottom was seen to be badly cored. The ^{1 1/2} compartment ~~shaft~~ ^{shaft} was sunk 60 feet away from the North shaft despite the fact that the ^{1 1/2} compartment ~~shaft~~ ^{shaft} was in good condition and needed only ladders to make its 60 Fts. level accessible. The fore of the workings at this level in the two shafts are only about 20 ft. apart.

The manner in which the work has been done and the claims regarding occurrences, projected development, etc. indicate a rather poor quality of management. This statement does not intend to imply a questioning of the sincerity or honesty of the parties concerned.

5 Loan Requested,
\$ 20,000

6 Description of Project

A. General Features

1. There are no mine workings, mill or other appurtenances which are not confined within the applicant's ownership.
2. The project would comply ~~with~~ ^{would} with State compensation and Safety First statutes.
3. There are no apparent legal discrepancies in the application.

4. There are no unpaved right-of-way facilities.
5. There is no likelihood of surface or sub-surface trespass during the project.

B. Existing Development

1. The property is developed by shafts
 - a. The sketches ^{which} accompany this report is made from the applicant's claim map supplemented by compass and tape survey of the more interesting portions of the accessible workings.
 - b. ^{rein} Samples were cut with pick and maul and gathered on canvas. Dump samples were taken from by shovel from pits and cuts on the top and on the edges of the dumps.
 - c. Most of the numerous and rather extensive workings were inaccessible.
 - d. General features of the deposit etc.

The mine is located on a desert mesa region at the north end of the Sierra mountains. The topograph is for the most part flat with occasional low gently rounded hills and shallow sand washes. The country rock in the immediate vicinity of the subject property is ~~country rock~~

granite which is intruded in places by andinite masses. The veins are quartz filled fractures and quartz breccia zones which strike approximately N-S and dip steeply toward the ^{east and} west. The veins vary in width from mere gouge seams to breccia zones 6 or more feet ^{wide.} ~~in width~~

The mine is credited with a past production of silver-copper-lead ore valued in excess of \$600,000. Practically all of this production was made some 50 years ago. More recent production has resulted from leaser operations and milling ~~under~~ of portions of the old dump, and from a ^{shaft} development project conducted by Mr. Lawson in 1927-28. Authentic records, ^{bulk of the} settlement sheets etc. covering the past production are lacking. ^{and only fragmentary records regarding recent production are available} The property is well known ^{known} and was ^{at one time worked} extensively, ~~worked~~ and undoubtedly ^{its} the production was quite large. ^{Silver accounted for} Apparently, the major part of the value of the production was ~~silver~~.

Following is a description of the principal workings and the sampling: (see accompanying sketch.)

The main vein and the one which which was most productive in the past was opened by three ^{vertical} shafts a short distance apart and by an incline shaft, all on the south half of the Paymaster claim. All these shafts are inaccessible.

assayed: oz Au oz Ag % Pb % Cu % Zn
 Sample mill No 13 72" .01 .01 1.01 Tr .90

vertical shaft is 11 feet deep with a cut in the vein leading down into it. The vein in it consists of broken white quartz with considerable yellow clay material in the seams. The applicant claimed assays of 15 and 30 oz per ton of the vein. Sample No 13 is silver argentiferous.

The most southerly shaft (No 1) is said to be 120 feet deep. Water ^{now} stands at 45 ~~th~~ feet in this shaft at present. Shafts No 2 and 3 ^{until of No 1,} are completely caved with only depressions in the dumps indicating their locations. ~~The~~ incline shaft (No 4) was sunk in the vein to a depth of about 300 feet. The collar and upper part of this shaft is in poor condition and the shaft is plugged at about 80 feet. Several years ago a California company built a small mill to work the dumps at these shafts. The operation was suspended after milling several hundred tons. Dump samples Nos 2, 3, and 4 were taken from those portions of the dumps, ~~for~~ ~~where~~ presumably the best parts, where material was removed during this mill's operation. The ~~dumps~~ show only a small amount of scattered sulphide material on the surface and the assays indicate ^{low} ~~fair~~ silver values and unimportant other metal content.

at about 205 feet from the incline shaft
 A vertical shaft, was sunk to a depth of 340 ft and crosscuts were driven toward the vein at 205, 270 and 330 feet. It is said that the ~~old workings~~ ^{the} 205 foot crosscut connects with the incline shaft workings and that one is exposed on this level and at several places on the 270 foot level. No assay ^{are available} ~~maps~~ ~~available~~ however to support these claims.

No 4 It is said that ~~another~~ a vein other than the main vein was cut in the crosscuts.
~~no access maps.~~

No 4 The shaft is in bad shape with a broad crater at the collar and a mat ~~out~~ of timber and mud at about 80 feet.
A ^{vertical} shaft (No 4 1/2) some 250 feet north of the ~~incline~~ main incline was sunk to a depth of 90 feet and a crosscut at its bottom connected into the vein and the workings of the incline shaft. The barrow recently timbered and repaired this shaft to ~~its~~ ^{its} bottom but found the crosscut badly cored, and abandoned the work.

Near the north end of the Paymaster claim the Beldame shaft is sunk to a depth of 51 feet and a crosscut has been driven ~~to~~ some 35 feet to the vein and 32 feet ~~beyond~~ into the foot wall beyond. The vein shows no ore and development on it at this level has been small. Two holes were broken thru ~~hollow~~ into a drift on the vein from No 5 shaft (hereafter described). The latter drift is 15 feet below ^{the} crosscut from the Beldame shaft and is cored out ~~generally~~ inaccessible in the northerly ^{portion} ~~direction~~. Toward the south an ~~old~~ ^a ~~stope~~ small stope is accessible and a little ^{chunk of sulphide} ~~one~~ was

It assayed:
 Sample ~~middle~~ ^{middle} of an ^{of} ^{of} 7. Pb 7. Cu 7. Zn
 No. 9 .01 23.4 17.11 1.49 10.50

~~encountered and mined out~~ ^{completely} ~~in one wall.~~
~~The ore amounting to a little over a ton.~~
 is piled at the shaft collar. Sample No. 6 ^{was} taken from this pile ^{and} indicates the type ^{and grade} of ore which was encountered in benches in the vein in this area.

No 5 shaft is located about 100 ft northeasterly from the Beldame shaft. The shaft was not accessible. It is sunk on the vein and inclines steeply (about 85°) toward the east. The size of the ^{shaft} dump ~~ke~~ suggests that the workings are fairly extensive, probably amounting to 1000 or more lineal feet. Mr. Sanson states that several hundred tons of ore were ^{shipped} ~~removed~~ from the workings this shaft. ~~The vein in the workings~~ ^{exposed} ~~in this shaft and at the end of the crosscut in the Beldame shaft~~ appears the vein which is exposed here and in the ~~front of the crosscut~~ ^{dips steeply east and} in the Beldame shaft, does not appear to be the same as that which was worked in the shafts on the south part of the claim.

→ Shaft No 6 is about 225 feet northwest from No 5. The work is very old and nothing is known concerning it. The size ^{and appearance} of the dump indicates that the work was not extensive or important. The shaft inclines steeply toward the

A surface cut some 60 to 70 feet long and 10 to 20 feet deep extends along the vein south of the shaft but does not connect with the workings below.

Shaft No. 5 1/2 (inaccessibly) is 125 feet west from No 5. It is 70 feet deep and the vein connects with No 5 shaft workings.

east.

A shaft known as the "North shaft" is located near the center of the Paymaster Clark claim. It is sunk to a depth of 74 feet on a poorly defined vein. The bottom 14 feet is filled with mud. At ~~least has been driven south at 60 feet a~~ a depth of 60 feet a ^{drift} ~~level~~ has been driven ~~some~~ 30 feet south on the vein. On the north the vein has been stoped from below for a distance of 25 feet from the shaft and to within 34 feet of the surface. Only the upper part of the stop was accessible, ~~where samples~~ Samples Nos 1 to 4 were cut in the vein in these workings. (see "A", ^{Stew. "A"} page 8A.)

The Linda shaft, 60 feet ^{to a depth of 60 feet} south from the "North shaft" was sunk on the vein which is opened in the "North shaft" and short drifts were driven in the vein at a depth of 58 feet. Samples Nos 7 and 8 were cut across the vein in the ends of the drifts. The vein ^{which} stands nearly vertical with a slight inclination toward the west, ~~lies somewhat~~ ^{is} ~~is~~ ^{apparently} parallel ^{to} and ~~south~~ somewhat westerly from the veins ^{in the shaft} described above.

An open cut about 80 west from the Linda shaft opens a ^{vein} parallel vein to the vein in the ~~shaft~~ ^{in the shaft} that shaft. The cut is ~~some~~ 18 feet long and about

Sample No 6 was taken from the dump and represents about 15 tons of material. It is a small amount of material. (see "A" page 8A.)

At the Linda shaft, the vein is open to the surface. The vein is open to the surface. The vein is open to the surface.

A

Mr. Lawson states that lessors shipped 3 carloads from this working place about 4 years ago, without his permission. The Settlements sheets for these shipments are not available and apparently no attempt has been made to obtain them from the smelter. It seems? doubtful, judging from the size of the opening, that 3 carloads of ore were removed from here.

(return to page 8)

5 feet deep. The dump shows a small amount of crushed quartz and a little green copper stain but nothing ~~interesting~~ of interest.

Near the ^{until} end of the Paymaster Clerk claim an old shaft and open cut ^{which strikes N-S and dips steeply east,} exposes a vein, ^{for a strike} ~~at least~~ of approximately 100 feet. The cut is sloughed in and the shaft is inaccessible. Its depth is not known but it can be seen that some ore was stoped on both sides of the shaft. Mr. Larson states that the shaft was a producer many years ago and that ^{recent} ~~leasers operation~~ ^{shipped} ~~product~~ about 75 tons of ore. No records are available however. The dump is not extensive and contains nothing of interest.

Equipment:

Equipment purchased under the loan consists of a 6 HP gas ^{line} ~~hoist~~ ^{hoist}, and a small pump, together with a few lengths of pipe and miscellaneous ^{hand} tools.

Proposed Development.

The applicant proposes to ^{continue} ~~sink~~ ^{of} the Linda shaft and the Oversight shaft, and to ^{explore} ~~develop~~ the vein at depth in these shafts.

Comments of Supervising Engineer

The mine is essentially a silver mine. There is no commercial ore exposed in the presently accessible workings nor on the dumps and there are no indications ~~that~~ which would justify the expectation that further development would make available a substantial amount of strategic metals.

T. P. Ha

Sup Eng.

Re. Paymaster Silver Lake
Docket. C-ND-7543

Tully

I am enclosing herewith my
Sup. Eng. report under the above
captioned docket

Very truly yours

T. P. Ha

Sup Eng.

Enclosure.

- 1 Sup. Eng. Report
- 1 Application for loan with supporting data
- 1 Sketch
- 1 Assay Cert.