UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES

Mining Division
Region IV

October 30, 1951

Memorandum

To: DMA Field Team, Region IV

From: Chief, Mining Division, Region IV

Subject: Final Report, DMA Docket 2023, M. L. Ferrick and Tom Pinnello, applicants, No Name Lead Copper Mine, Blake Mining District, Saguache County, Colorado.

The application of the subject docket was for an exploration loan of $15,700.00.

At the No Name Mine, galena Sphalerite and chalcopyrite, with included gold and silver values occur in a two-inch vein.

The total production during the period 1903-07 was 64 tons of ore with an average of 0.27 ounces gold and 10 ounces silver per ton, 46.2 percent lead and 3.0 percent copper. Measureable, inferred and indicated reserves are only 61 tons of similar grade.

Due to the small reserves, the examining team recommends that we deny the loan, with which we concur.

Paul T. Allsman

Paul T. Allsman

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF MINES
DENVER, COLORADO

Region IV

Building 20
Denver Federal Center
October 25, 1951

Mining Division
Date Rec'd.
OCT 26 1951
BUREAU OF MINES
Denver, Colorado

Memorandum

To: Chief, Mining Division, Region IV

From: Chief, Colorado Branch, Mining Division

Subject: DMA 2023, No Name Lead Mine, Saguache County, Colorado

Please find enclosed the original and seven copies of the "Summary, Conclusions, and Recommendations", by C. S. Robinson and C. M. Harrer, and the original and seven copies of Harrer's engineering report on the subject docket.

Obviously, 60 tons of measured, indicated, and inferred reserves, even though high grade, do not warrant consideration for a participating exploration loan, especially with mineralization confined to widths of 2 to 8 inches in discontinuous zones in the vein.

I concur with Harrer's recommendation that the loan be denied.

The "Review" and application as received from your office are also enclosed.

W. M. Traver, Jr.

W. M. Traver, Jr.

enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
DEFENSE MINERALS ADMINISTRATION
WASHINGTON 25, D. C.
200 New Customhouse
Denver 2, Colorado

October 22, 1951

Memorandum

To: DMA Field Team, Region IV

From: Ogden Tweto

Subject: DMA Docket 2023, No Name Lead Mine, Saguache County, Colorado

Attached are 8 copies of a geologic report on subject docket by C. S. Robinson of the U. S. Geological Survey. The No Name mine is on a small sulfide vein that shows no promise of widening appreciably along either strike or dip. Past production from the mine has been only 64 tons, and the reserves are negligible.

Mr. Robinson recommends that the application for an exploration loan of $18,300 be denied. I concur.

Ogden Tweto

Ogden Tweto, Alternate
Supervising Geologist
Colorado-Wyoming

Attachments (8)

UNITED STATES
DEPARTMENT OF THE INTERIOR
OSCAR L. CHAPMAN, SECRETARY

DEFENSE MINERALS ADMINISTRATION

REPORT OF EXAMINATION BY FIELD TEAM
REGION IV

DMA-2023, No Name Lead Mine, Blake Mining District

Saguache County, Colorado

Lead

C. S. Robinson, Geologist
U. S. Geological Survey

C. M. Harrer, Mining Engineer
Bureau of Mines

October 25, 1951

NO NAME LEAD MINE
BLAKE MINING DISTRICT
SAGUACHE COUNTY, COLORADO

Summary, Conclusions, and Recommendations

By C. S. Robinson
Geologist
U. S. Geological Survey

and

C. M. Harrer
Mining Engineer
Bureau of Mines

NO NAME LEAD MINE
BLAKE MINING DISTRICT
SAGUACHE COUNTY, COLORADO

SUMMARY, CONCLUSIONS, AND RECOMMENDATIONS

By C. S. Robinson and C. M. Harrer

The unpatented No Name No. 1 and 2 and Mountain Lion claims are in the Sangre de Cristo Range, Blake Mining District, Saguache County, Colo.

Galena, sphalerite, chalcopyrite, pyrite, gold, and silver occur discontinuously in very narrow veins between granite and schist walls. There is no evidence that would indicate that the vein would widen along its strike or dip.

Past production has been only 64 tons assaying 0.27 ounce of gold and 10 ounces of silver per ton, 46.2 percent lead, and 3 percent copper. Any ore reserves developed along this vein would be meager and would not justify the proposed exploration.

It is recommended that this request for an exploration loan of $15,700.00 and the amended estimate of $18,300.00 on the No Name Lead mine be denied.

NO NAME LEAD MINE

SAGUACHE COUNTY, COLORADO

DMA DOCKET 2023

by C. S. Robinson, Geologist
U. S. Geological Survey

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NO NAME LEAD MINE
SAGUACHE COUNTY, COLORADO

INTRODUCTION

The No Name Lead mine in Saguache County, Colorado, was visited on October 5, 1951, by C. M. Harrer of the U. S. Bureau of Mines and C. S. Robinson of the U. S. Geological Survey. Mr. M. L. Ferrick, partner in the mine, was met at the mine.

The No Name Lead mine is in Hayden Pass gulch about 6½ miles east of Villa Grove, Colorado. It is reached by going east from Villa Grove about 4 miles on a county road and 1 mile on a wagon track to Oak Springs, then 1½ miles on a horse trail up Hayden Pass gulch. The Hayden Pass trail crosses the Sangre de Cristo mountains in the San Isabel National Forest. The only map available of the area is the National Forest Service map of the San Isabel Forest.

The No Name mine is in the north end of the Blake Mining District, Saguache County, Colorado. There has been very little production reported from this district, and for what has been reported, the values have been primarily in gold.

GEOLOGY

The No Name vein is exposed for about 100 feet in the No Name No. 1 adit. The vein strikes N. 37° W. and dips 25°-45° east. As seen in the adit, the vein consists of from 1 to 8 inches of quartz with from 0 to 4 inches of sulfides. The vein averages about 4 inches wide with less

than 1 inch of sulfides. It is estimated that less than 10 per cent of the vein is sulfides. The main sulfide mineral is galena, and associated with it are minor amounts of sphalerite, pyrite, and chalcopyrite. Locally along the vein the ore has been oxidized and most of the sulfides removed. Ore assayed from the oxidized zones gave good values in gold. The country rock is quartz-hornblende schist and granite. The quartz-hornblende schist is the hangingwall of the vein, and the granite is the footwall. The vein cannot be traced on the surface.

CONCLUSIONS

Before any exploration or development work can be done on the No Name vein, about 1 mile of road through fluvial material and $1\frac{1}{4}$ miles of road through sliderock and bedrock must be built. It is unlikely that a vein averaging 1 inch of sulfide, which can only be followed for 100 feet, would produce enough tonnage of ore to make the building of the road worthwhile, much less to cover the cost of the exploration. In the writer's opinion, this property does not warrant a DMA exploration loan.

NO NAME LEAD MINE
BLAKE MINING DISTRICT
SAGUACHE COUNTY, COLORADO

Engineering Report

By C. M. Harrer
Mining Engineer
Bureau of Mines

NO NAME LEAD MINE
BLAKE MINING DISTRICT
SAGUACHE COUNTY, COLORADO

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NO NAME LEAD MINE
BLAKE MINING DISTRICT
SAGUACHE COUNTY, COLORADO

ENGINEERING REPORT

By

C. M. Harrer

INTRODUCTION

Examination of the No Name lead mine on Hayden Pass, Blake Mining District, Saguache County, Colo., was made at the request of M. L. Ferrick, of Villa Grove, and T. Pinello, of Colorado Springs, Colo., in connection with a proposed exploration loan of $15,700.00, under the Defense Production Act of 1950, Defense Minerals Administration Docket 2023, to explore a lead-copper-silver vein on the No Name No. 1 claim by drifting and winzing on ore exposures. The property was examined by the author and C. S. Robinson, of the U. S. Geological Survey, on October 4, 1951. M. L. Ferrick was contacted at the No Name No. 1 mine.

ACKNOWLEDGMENTS

A. D. Cooper, grocer at Villa Grove, kindly acted as guide to the foot of Hayden Pass and directed the examining team to the No Name mine. M. L. Ferrick guided the examiners over the property and discussed its early history. Production statistics were furnished by the Economics Branch of Region IV, Bureau of Mines, Denver, Colo.

LOCATION, TOPOGRAPHY, AND PHYSICAL FEATURES

The property is in sec. 3, T. 46 N., R. 10 W., and secs. 33 and 34, T. 47 N., R. 10 W., Blaks Mining District, San Isabel National Forest, Saguache County, Colo. (fig. 1), at altitudes ranging between 8,000 and 9,500 feet above sea level. It is six miles northeast of Villa Grove over a rough road which heads into Hayden Pass in the Sangre de Cristo Mountains. The terrain is flat between Villa Grove and the foot of the Sangre de Cristo Mountains at Oak Springs, 4 3/4 miles distant. From Oak Springs to the No Name No. 1 mine is 1 1/4 miles up Hayden Pass, now impassable to all but animal and foot travel because of encroaching talus. The terrain is very rough and rugged, with large accumulations of talus. There is ample timber for mining purposes and water is available in nearby Hayden Pass Creek. Ore would have to be hauled to Leadville for sale and smelting. Communication, supply, and transportation facilities would originate in the small town of Villa Grove, on U. S. Highway 285. The Rio Grande Western Railroad's broad gauge line passes through Salida and the narrow gauge formerly passing through Villa Grove between Salida and Hooper now terminates at Poncha Springs.

HISTORY AND PRODUCTION

Early history of the deposit is incomplete. Records of the U. S. Bureau of Mines indicate that this group of claims operated during the period 1903-07 as the Mountain Lion M., M., and P. Company with a yearly production of 10 to 28 tons. Total production was 64 tons, averaging 0.27 ounce gold and 10 ounces silver per ton, 46.2 percent lead, and 3.0 percent copper.

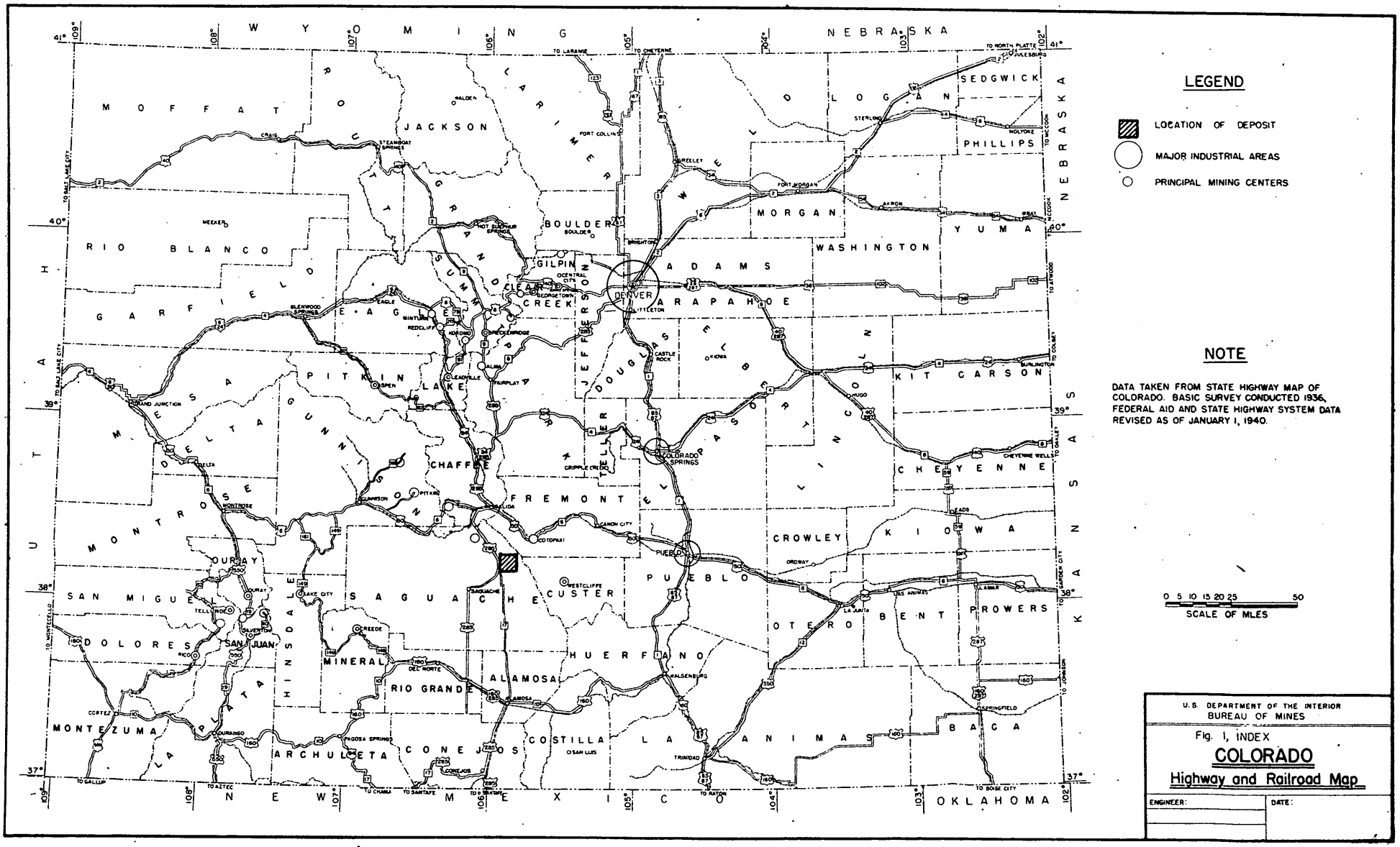

Fig.-1 NO NAME LEAD MINE, BLAKE MINING DISTRICT, SAGUACHE CO., COLO. D.M.A-2023

OWNERSHIP AND EXTENT

M. L. Ferrick, of Villa Grove, and T. Pinello, of Colorado Springs, Colo., applicants, own the three standard unpatented mining claims, No Name Nos. 1 and 2 and the Mountain Lion, situated in the Blake Mining District, Saguache County, Colo.

DESCRIPTION OF THE DEPOSITS

A narrow vein, two to eight inches wide, having one- to three-inch widths of good galena, sphalerite, and chalcopyrite with included gold and silver values in discontinuous zones, lies between hard granite and schist walls, and has been developed for 100 feet along the strike of S. 37° E. on the No Name No. 1 claim. The vein has been mined in two very small open stopes, one above and one below the adit level. Dips vary from 25° to 45° E.

MINABLE ORE RESERVES

The valuable portions of the vein appear fairly uniform in thickness and are not expected to average over two inches in thickness. Vein material would have to be hand cobbed, sacked, and shipped, intermittently.

Reserves and grade of hand-cobbed ore to be expected from this deposit are as follows:

		Ounces/ton		Percent		
Reserves	Tons	Au.	Ag.	Pb.	Zn.	Cu.
Measurable	1	0.27	10.0	46	5.0	3.0
Indicated	10	0.27	10.0	46	5.0	3.0
Inferred	50	0.27	10.0	46	5.0	3.0
Total	61	0.27	10.0	46	5.0	3.0

PRESENT STATUS

The No Name claim No. 1 has been developed by 100 feet of adit along the strike of the vein. It has been developed along the dip by two small open stopes for a length of about 30 feet. The adit was recently cleaned out.

There is no equipment on the property. Various other adits on this claim, the No Name No. 2 ,and the Mountain Lion were caved and covered by slide rock.

PROJECT PROPOSALS, WITH COSTS

M. L. Ferrick, of Villa Grove, and T. Pinello propose to explore the No Name No. 1 vein with 500 feet of drift and 100 feet of winze at a cost of $15,700.00. This is believed too low. It is estimated that the project will require at least $18,300.00 for completion.

CONCLUSIONS

Past production from this property and neighboring mines has been very small and encouraged only by its gold and silver content. The No Name No. 1 vein already developed by 100 feet of adit and two small stopes is very narrow with discontinuous mineralization, and all indications point towards a continuation of this feature. Ore reserves developed along the vein will be meager and do not justify the proposed further exploration.

RECOMMENDATIONS

It is recommended that this request for an exploration loan of $15,700.00 on the No Name lead mine, docket DMA-2023, be denied.