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ARIZONA DEPARTMENT OF MINES AND MINERAL RESOURCES AZMILS DATA

PRIMARY NAME: DORAN MINE

ALTERNATE NAMES:
BLUE MOUNTAIN

COCHISE COUNTY MILS NUMBER: 657

LOCATION: TOWNSHIP 16 S RANGE 31 E SECTION 29 QUARTER NW
LATITUDE: N 32DEG 00MIN 27SEC LONGITUDE: W 109DEG 11MIN 23SEC
TOPO MAP NAME: BLUE MOUNTAIN - 7.5 MIN

CURRENT STATUS: PAST PRODUCER

COMMODITY:
LEAD
ZINC
COPPER

BIBLIOGRAPHY:
USBM REPORT FILE NO 463.2/15130
USBM REPORT FILE NO 552 FOLDER 1601
ADMMR DORAN MINE FILE
USBM "U" FILE COCHISE Pb-30
USBM RI 5650, P. 132

Doran Mine
Cochise County
Arizona.

Memo.

The Doran mine, a property operated in the very early days with a considerable production of carbonate lead-zinc ores, is located about 5 miles southeast of the Hilltop mine, Hilltop, Arizona. Reached by graded highway, and desert road, from Rodeo, N.M. in about 18 miles.

Formation.

Limestone-quartzite-porphyry.

The vein, quite narrow, strikes about N 35°W and dips to SW at about 70°.

Developed by two short adits on vein, shaft and winzes to about 150 feet below outcrop.

Mine has been gutted and but remnants of ore deposits that "have been" remain. Indications for development of new ore with further work not favorable.

Samples.

Sample	Description	Gold	Silver	Lead	Zinc	Copper
		Oz. PerTon	Ozs. PerTon	%	%	%
1.	"Tail" in back of stoped ground from Winze #2, lower adit workings	Tr.	4.00	25.60	8.80	1.36
2.	Margin "scale" of ore pocket, showing chalcopryite stope Winze #2	Tr.	2.40	3.40	5.80	11.03
3.	Selected lead-zinc carbonate, on dump, lower adit	Tr.	0.60	2.00	27.70	4.30
4.	Assorted ore on dump lower adit	Tr.	2.00	14.00	10.90	2.66

Tucson, Arizona, June 17, 1938.
Doran mine visited March 21, 1938.


F.H. Lerchen

"Looked the Harris (Epley-Pederson) Property and the Ainsworth (adjoining) over Wednesday. Nothing startling \$500.00 is plenty high for 1/2 interest in the Harris group- and Ainsworth "interesting" and worth further attantion - nothing startling, however, - narrow bedded deposits carbonate of lead and zinc.

FHL.

Harris Group of Mines
Cochise County
Arizona.

Memo.

The Harris group of mines is located about 8 miles southeast of the Hilltop Mine, Hilltop, Arizona, and about 7 miles, northwest, from Paradise.

Owned by E. P. Epley, Paradise, Arizona.

Formation.

quartzite
Limestone/and porphyry -- probably diorite. Contact quartz, or quartzite, vein; footwall porphyry, hangingwall limestone. Vein strikes N 55° W and dips 57° S.W.

Development.

Incline shaft about 195 feet with level, and short drift to Nw at 165', with shallow winze, and short NW drift on bottom level.

Adit crosscut from south side of hill driven about 500 feet northerly to intersect shaft workings. Adit driven through limestone and quartzite to Limestone-Quartzite contact (where vein followed in incline shaft should have been cut at approximately 60 feet below shaft workings. Slight mineralization at contact in adit crosscut; adit extended 50 feet into porphyry footwall. Slight mineralization sulphides iron, lead, zinc and copper in limestone-quartzite before contact was cut.

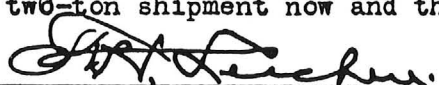
Samples.

Sample No.	Description	Gold Oz. PerTon	Silver Ozs. PerTon	Lead %	Zinc %	Zinc %
1.A	Collar 10' winze, hanging wall, 165' Lev.	Tr.	0.80	14.10	18.70	2.24
2.B	Back of stope, 10' above winze		5.20	9.00	4.90	5.38
2.	Selected from assorted base (sulphide) ore on dump 500-ft adit crosscut	Nil.	7.20	1.40	25.01	

Sample #2 showed trace of molybdenum.

The ores are base, showing high pyrite content, and occur in small lenses. Good looking prospect from which, with further development a small tonnage of ore can be expected, viz., a "ton- or two-ton shipment now and then".

Tucson, Arizona, June 17, 1938.
Harris Group visited March 30, 1938.


F.H. Lerchen.

EXCERPT FROM LETTER OF F.H. LERCCHEN, March 22, 1938

"I feel almost certain that we, Stone and myself, and the Mattox Brothers, cofered the Harris property yesterday,- which the Mattox Brothers have called the Doran or Dorin property. The property was located by Epley Jan.30, 1938, with Lewis Hicks (Lindenau's helper) witness. I failed to make note of the name under the location by Epley, but feel sure the Mattox Brothers said it was the "Harris". The location, with length of tunnel (250') and depth of incline winze (150') given by Pederson, "jibe" with the mine we examined. We made a quick, Brunton, survey, covered all the underground workings and surface. We failed, however, to find the "iron-porphyry" vein wall Pederson claims.

"The Doran property is a very preetty little thing -- nearly vertical vein striking across beds of limestone, and the latter enriched, or replæed with ore from the fi sure to a limited extent. Stopes indicate fairly large "pipe" deposits of lead and zinc carbonates, encasing galena. Took four samples which will go forwardto Ruby in the mail tomorrow, and when I have results will make further report on our findings. Just a small property that will probably produce a car-load or so of very good grade ore per month on a small operating basis."

FHL.