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REPORT ON

REDMOND CONSOLIDATED MINES

GOLD RANGE MINING DISTRICT

LUNING, MINERAL COUNTY, NEVADA.

Examined December 2, 1920.

Reported December 13, 1920.

By A. F. Carper.

## REPORT ON

### REDMOND CONSOLIDATED MINES

### GOLD RANGE MINING DISTRICT

### LUNING, MINERAL COUNTY, NEV.

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#### LOCATION

The Redmond Consolidated Mines is located on Baldy Peak about four miles southwest of the town of Luning, in the Gold Range Mining District, Mineral County, Nevada.

The town of Luning is on the Tonopah branch of the Southern Pacific Railroad and is the nearest postoffice and point for freight and supplies.

#### CLAIMS AND AREA

This property consists of eighteen claims known as the Blue Bird, Black Bird, Black Bird No. 1, Ida Tunnel No. 1, Tunnel No. 2, Tunnel No. 3, Tunnel No. 4, Tunnel No. 5, Tunnel No. 6, Tunnel No. 7, Tunnel No. 8, Tunnel No. 9, Tunnel No. 10, Tunnel No. 11, Tunnel No. 12, Tunnel No. 13 and Tunnel No. 14, covering about 360 acres.

#### OWNERSHIP AND TITLE

This property is owned by Mr. A. A. Redmond, of Goldfield, Nevada, whose title is possessory being by right of discovery and location.

#### HISTORY

What is now known as the Black Bird claim was in the early days known as the Lincoln claim, belonging to the old Garfield Company, who operated a mill at Garfield about eight miles south. This was one of the seven or eight properties worked by them in the early days of Nevada.

All of the development with the exception of a few feet done by the present owner was done by the Garfield Company, who mined all ore in sight to the 300 foot level then shut down the property.

#### FACILITIES

Transportation. A good road over an easy grade connects the property with Luning a distance of four and one-half miles.

Power. The nearest electric power is at Hawthorne, about twenty miles distant, where the Wonder line of the Nevada-California Power Company crosses. The only other power available is oil engines.

Water. There is no water on the property though water for camp and mill purposes could be developed in the flat country about one and one-half miles north.

Timber. Some small pine grows on these hills which would be suitable for small mining timber.

#### TOPOGRAPHY

The hills here are very steep and rise to a considerable height, in fact a tunnel 2000 feet in length would gain about 1500 feet of backs.

#### GEOLOGY

The rock formation consists of a series of sedimentaries folded in the mountains and intruded by later rhyolites and andesites. The sedimentaries strike about north and south and dip from 20 to 80 degrees to the West.

On the Black Bird claim there is a shale in which the ore veins are made. To the West, there is a bed of lime about 200 feet thick, lying on this unconformably is a very bouldery quartzite from 3 to 60 feet thick, this is again covered with lime. The series West consist of five beds of lime and four of quartzite. To the East lime covers the property to the sideline. Near the

center of the tunnel claims are intrusions of rhyolite which comes to the surface and makes the capping of Baldy Peak.

Ore Deposits. The ore deposits are quartz veins made in fault fissures in the shale and approximately parallel to the bedding. At the surface there are three veins one on the footwall, one near the center and one on the hanging wall. These veins are all small none reaching a greater width than 6 feet and averaging about 3 feet. The greatest length possibly being not to exceed 300 feet. As practically all of the old workings are caved, only the surface and stopes open to the surface could be inspected.

#### DEVELOPMENT

The development consists of a shaft 300 feet deep (caved). 50 foot level (adit) about 950 feet of drifting (practically all caved). 100 foot level 2800 feet of drifting on all three veins, connected to a crosscut tunnel 200 feet long. The tunnel and about 200 feet of drifts are open, showing no ore. The 200 foot level shows about 900 feet of drifting. The 300 foot level shows about 150 feet of drifting on the hanging wall vein.

#### EQUIPMENT

There is no equipment left on the property.

#### PRODUCTION

The production according to reports of the present owner has been approximately \$750,000. gross.

#### SAMPLING

Three samples were cut at points where the vein was exposed, the workings being so badly caved it was impossible to get more samples from the vein.

#### ORE RESERVES

The owner claims to have 65,000 tons of \$20.00 ore blocked, as the workings could not be inspected or sampled this estimate is of little value.

PRICES AND TERMS

The purchase price for this property is \$200,000.  
Terms, no cash down, \$50,000. at the end of six months, balance  
by the end of one year.

CONCLUSIONS

The purchase price is excessive as well as the  
terms.

The samples taken do not indicate a mine valuable  
enough to clean out the old workings to sample them.

The property is not worthy of further consideration.

Respectfully submitted,

*A. F. Carper*

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# SAMPLES.

<u>No.</u>	<u>Width</u>	<u>Ozs. Gold</u>	<u>Ozs. Silver</u>	<u>Description</u>
1	1.2	Tr.	9.36	Cut across vein face north drift 100 foot level, 15 feet north of crosscut tunnel.
2	2.2	Tr.	20.00	Cut across back east drift 50 foot level 10 feet north of winze.
3	0.7	.02	35.08	Cut across vein portal short tunnel middle vein by shaft. Quartz and limonite.
4	Grab	Tr.	15.60	Grab of ore lost while loading to ship to mill by old company.