

4410 0032

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*Gold Range Mining District*

208  
ITEM 35

This property is located in the ~~Douglas~~ Mining District, ~~Gold Range~~ Mountains, Esmeralda County, Nevada, about seven miles by good wagon road from Mina on S. P. R. R. to Tonopah. Elevation about 7000 ft.

The property consists of three claims 4100 feet in length by ~~600 feet in width~~, the main ore channel of the district passing through these claims, coursing Northeast by Southwest with a dip to the Southeast.

*Quartzite Breccia*

The vein is a contact between slate and porphyry with well defined walls. The width of the ledge on surface is about 8 inches but gradually widens to 5 feet at <sup>240</sup>250 feet, the deepest point reached in the development work.

DEVELOPMENT WORK.

Most of the development work has been done on the Fortuna Claim and consists of about 1000 feet of tunnels and shafts. The main tunnel has been run on the vein some 300 feet, the face being 130 feet from the surface; at this point a winze has been sunk on the ledge - - 140 feet deep - - below the tunnel level. About 200 feet Northeast of mouth of tunnel a shaft has been sunk on the vein 64 feet in depth; from this shaft drifts have been extended 100 feet. At 600 feet Northeast of this latter shaft and about 100 feet Northwest of the Fortuna vein, a two-compartment shaft has been sunk to a depth of 140 feet; drifts have been extended about 100 feet from this shaft, which was sunk on a parallel vein that lies about 100 feet Northwest of the Fortuna vein. This vein is about 12 feet

in width. A cross-cut has been started from this shaft to intercept the Fortuna vein.

#### CHARACTER OF ORE.

The ore is very free, amalgamating freely to about 90% of its assay value.

#### VALUES.

About 20 mill tests have been made from different portions of the mine and returned a value of \$30. per ton.

#### WATER.

Sufficient to operate a 20-stamp mill can be obtained about  $1\frac{1}{4}$  miles from the property, ~~and the water rights go with the property~~

RALPH L. READE E. M.  
STATE OF NEVADA LICENSE NO. 907  
NATIONAL SOCIETY P. E. 4455

WETHERN MINING PROPERTIES  
DOUGLASS DISTRICT  
MINERAL COUNTY  
NEVADA

CLAIMS ----- FORTUNA NO.1 & FORTUNA NO.2 ----- FORTUNA

Enclosed very old report-----Writer unknown,  
but data substantiated, as follows:--

VEINS----- (FORTUNA) Developed by drift 700 feet long.  
Inside shaft 100 feet deep, with 400 foot drift. Here the ore is blocked.  
Vein averages 3 feet in width, averaging \$20.00 in value per ton.  
The dump from the main drift will approximate 3000 tons, assaying \$10 to  
\$15 per ton. Outside shaft also was sunk to depth of 45 feet on the  
vein. Ore from this source gave \$19.00 per ton recovered by amalgamation  
The original and early miners, sought only hi-grade ores. The dumps  
comprise rejects from sorting. Hi-grade was shipped.

VEINS----- (CHUKAR) Developed by drift 800 feet long.  
Stoping backs range from about 30 feet at portal of drift, to 700 feet  
at face of drift. The ore is blocked and the overall average in value  
is claimed to be \$30 to \$35 per ton. Also, if selective mining is  
followed, the grade can be raised, to \$50.00 per ton.

Enclosed is photostat of results of mill runs made by Clarence  
H. Hill on dump ores from the Fortuna in 1934.


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Equipment Required to Place Mines in Operation

Mill-----Primary & secondary Crushers----150 H.P. Power Plant  
4x8 Amalgating Plate----Two 15Ft. Tables. Accessories.

Mine-----Compressor, Drills, Steel, on the property.

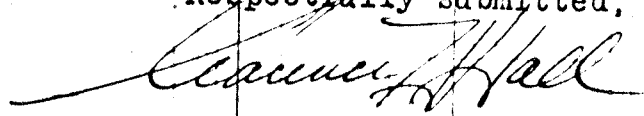
Water-----For expenditure of \$2500, ample water for 100 Ton plant can be  
developed.



FORTUNA MINE REPORT.  
ORE TONNAGE MINED & MILLED IN 1934.  
by C. H. Hall, Lessee.

ITEM	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER
Tons of ore mined & milled	102.00	127.67	163.89	44.69
Percent Moisture	---	5.5	5.5	8.
Dry tons milled	102.00	120.54	165.46	41.11
Average assay per ton	\$ 12.22	\$ 21.35	\$ 11.44	\$ 12.60
Average assay tailings	\$ 2.00	\$ 4.02	\$ 1.96	\$ 2.27
Gold recovered by assay	\$ 10.22	\$ 17.33	\$ 9.48	\$ 10.43
Total received from amalgam	\$ 671.99	\$ 1035.25	\$ 697.91	\$ 227.57
Total rec. from concentrate	\$ 370.11	\$ 571.09	\$ 500.79	\$ 132.56
Total gross returns	\$ 1042.10	\$ 1606.34	\$ 1198.70	\$ 360.13
Return per ton	\$ 10.21	\$ 13.33	\$ 7.24	\$ 8.76
Chgs. deductible before roy.				
Hauling @ \$1.50 per wet ton	\$ 153.00	\$ 191.50	\$ 260.83	\$ 67.04
Milling @ \$4.50 " dry "	\$ 459.00	\$ 542.61	\$ 744.57	\$ 185.01
Total deductible	\$ 612.00	\$ 734.11	\$ 1005.40	\$ 252.05
Total gross return	\$ 1042.10	\$ 1606.34	\$ 1198.70	\$ 360.13
Net return	\$ 430.10	\$ 872.23	\$ 193.30	\$ 108.08
Royalty paid or due @ 10%	\$ 43.01	\$ 87.22	\$ 19.33	\$ 10.81
TOTAL TONS MINED & MILLED IN 1934	-----	429.11		
" GROSS RETURN	" "	-----	\$ 4207.27	
" Deductible charges		-----	\$ 2603.56	
" NET RETURN		-----	\$ 1603.71	
" ROYALTY PAID OR DUE		-----	\$ 160.37	

Respectfully submitted,



Clarence H. Hall,  
January 30, 1935,  
Mina, Nevada.