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REPORT
ON THE
BUCKHORN MINE
OWNED BY
J. H. HALLARS
COALDALE , NEVADA .

BY
J. A. BURGESS
CHIEF ENGINEER THE TONOPAH
MINING COMPANY OF NEVADA .

TONOPAH, NEVADA,

FEBRUARY 6, 1911.

Mr. W. H. Blackburn, Superintendent,

The Tonopah Mining Company of Nevada,

Dear Sir:

In pursuance of your instructions I visited the property of Mr. J.H. Mallars at ~~Gay~~dale on February 3rd and 4th., and submit the following report on it.

The property consists of six claims, not patented, situated four miles north-easterly from Coal Dale, Nevada, in the ^{Mount} ~~Mon~~ Christo Mountains. The claims are covered by a belt of quartz veins most of which strike north and south, but the separate veins are not strong nor continuous, though in places they are four or five feet wide. Some of them lie across the direction of the general belt instead of parallel to it. They dip at various angles but most of them are rather flat. The separate veins are not close enough together to constitute a single lode, and the country is so volcanic that much faulting has probably occurred.

The veins are of quartz carrying argentiferous tetrahedrite. The values are not uniform in the vein but are generally concentrated near the footwall, and in the four foot vein on which the deepest shaft is sunk, they occupy a width of one foot nearest the foot wall. The property is not one in which it would pay our Company to interest itself.

I took the following samples:

M A I N S H A F T

	OZ. SILVER	WIDTH
At bottom	0.50	10 inches
10 ft above Bottom	6.80	2.9 ft
20 " " "	13.60	4.2 "
30 " " "	4.70	2.5 "
40 " " "	19.60	1.0 "
50 " " "	10.10	1.2 "
60 " " "	10.50	2.7 "
& 10 ft from surface)		


Some of the above samples were taken on the best part of vein, leaving the poorest part out .

SORTED ORE NEAR MAIN SHAFT	Oz Silver	96.56)
	" Gold	0.14)
IN SACKS :	" Copper	4.79)

SORTED ORE NEAR MAIN SHAFT	Oz Silver	32.50)
	" Gold	trace)
IN PILE:	" Copper	1.14)

INCLINE ON 35 DEG. VEIN:	Oz Silver	15.80	width	1.5 ft.
" " 45 " "	" "	4.80	"	1.5 "
OPEN CUT	" "	3.60	"	2.0 "
BLOW OUT OF QUARTZ	" "	3.00	"	8.0 "
INCLINE ON 10 DEG VEIN	" "	12.00	"	2.0 "
OPEN CUT	" "	11.50	"	4.0 "

Respectfully submitted


 Chief Engineer
 The Tonopah Mining Company
 of Nevada.

TONOPAH, NEVADA,

FEBRUARY 6th., 1911.