

REPORT
(based on conversations with Mr. Z. R. Stocker)

on the

STOCKER CLAIMS in the Consolidated
Montgomery mining district.

PARK COUNTY

By

W. H. Dwinell

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GENERAL REPORT ON THE STOCKER CLAIMS
ALMA, COLORADO

REPORT

The Stocker claims consist of four surveyed tracts, two of which are regulation size, the other two being smaller. The entire workings consist of seventy acres. These claims are located at an elevation of about 1300 feet and are approximately 11 or 12 miles by road from the town of Alma. They are in the Consolidated Montgomery District.

ROAD CONDITIONS

These claims are located about five miles off the State highway running from Alma To Breckenridge. It is possible to get to within three miles of the mine by auto but the remainder of the journey must be by pack train. A good road is needed to fully develop the claim and allow the working of the lower grade ores of which there seems to be an abundance.

GEOLOGY, SURFACE:

The surrounding peaks are rather heavily covered by slide rock. However, where the claims are located there is very little of this present, and the most prominent rock present is Pikes Peak Granite.

GEOLOGY, UNDERGROUND:

A short distance under the surface is found a limestone formation quite similar to the one found in the Leadville District. The fissure, or vein consists mainly of quartz with slight showings of this limestone formation. There is a small amount of iron visible in the mineralized rock, some of which is in rather large pieces. The ore also has the brown oxidized iron appearance in places. The basic rock in the underground workings is Pikes Peak granite.

UNDERGROUND WORKINGS AND ORE BODIES

There are two tunnels, one following the large vein and one following the small one. The tunnel on the small or four foot vein has gone in about 40 feet. It is estimated that it will take approximately 125 feet more of tunnel on this working to contact a large ore shute which shows on the surface.

The other tunnel has progressed about 30 feet alongside the large vein, which on a conservative estimate has a width of at least fifteen feet.

Chemical Assay Reports

The assay work done on ore from this mining project has all been done by Mr. J. E. Dollison, an assayer at Alma, and are as follows:

	Aug. 19, 1935	
Sample 1.	-----	5.46 oz. gold
	July 17, 1935	
Sample 1.	-----	0.16 oz. gold
	Aug. 17, 1934	
Sample 1.	-----	0.44 oz. gold
" 2.	-----	2.76 " "
	Aug. 4, 1934	
Sample 1.	-----	1.44 oz. gold
" 2.	-----	0.06 " "
	Sept. 16, 1933	
Sample 1.	-----	0.40 oz. gold
" 2.	-----	0.12 oz. gold
" 3.	-----	0.28 oz. gold
	Aug. 16, 1933	
Sample 1.	-----	0.28 oz. gold

These last two ore analysis came from the large ledge which runs 50 feet or better and has a visible width of nearly 50 feet at the top of the mountain. The remainder of the samples were taken as the miner struck rock of a little different nature during the progress of his work. The higher samples came from streaks in the smaller vein.

OTHER WORK DONE ON CLAIMS

There has been considerable prospecting work done on the parts of the vein or ledge that is exposed at the surface. Some of these samples have run fairly high. The owners have built a cabin on the slope across the gulch from the claims, and development work is being done on the mines each year as the weather will allow. Good fresh water is supplied to the cabin from the overflow from the large Wheeler lake. A man is kept at the mine during all of the working season which is necessarily short due to the extremely high altitude.

RECOMMENDATIONS

It is evident from the information I was able to gather that the mine has quite favorable prospects providing a road be built which would allow trucking of the ore. There seems to be a considerable amount of lower grade ore which is easily accessible and would probably make a paying proposition if transportation facilities were available.

Also with the completion of 125 feet more tunnel on the small vein it is possible to run into a much higher grade of ore when the large ore chute is contacted.

SUMMARY

The information contained in this report was obtained through the cooperation of Mr. Z. R. Stocker of Pueblo who is associated in this mining prospect with a Mr. Frank Conner. Also there is interested in these claims a Mr. L. M. Gentry.

This report was written from notes taken during an interview with Mr. Stocker and from assay reports which are in his possession.

Respectfully submitted

(Signed) Wm. H. Dwinell, Ch. E.
Field Investigator.

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