Tonopah Mining Co. of Nevada

Gentlemen:

Re: Rawhide Tungsten, Nevada

May 22, 1930.

On May 8th I wrote a letter about this property and stated I would write again when assays were received.

The two main samples taken on my examination were on the more unaltered garnet as from experience at El Diablo it was found the brown oxidized material was higher than the average. These ran 0.63 and 0.52 tungstic oxide, which is slightly below commercial value. Due to these results, the distance from water and fact that the property cannot be cheaply determined, I have told Mr. Johnson that I believe we should pass it up.

Yours very truly,

Henry C. Carlisle

ECC 190° C
Dear Sirs:

I made the trip to Rawhide, Nevada with Mr. Johnson to examine the new tungsten discovery.

The showing consists of two 8 foot prospect shafts about 50 feet apart both in a garnet contact material assaying 0.75% tungstic acid according to the four samples taken by Mr. Johnson. The present limits of the showing make an area on the surface 170 feet long and 50 feet wide. Within this area the material seems to be uniform and the 170 foot distance appears to be the width.

The footwall is diorite and hanging wall limestone. The reason for the short length of 50 feet is because the deposit is located at the edge of a wash on one end and on other end the hill raising causes the flat lying limestone to cover the surface a short distance up the hill. The possible extension under the limestone is the best chance and the geology indicated that it should continue under the lime capping. Under the wash it may go out some distance but there is rhyolite on the opposite bank 250 feet across with a probable fault under the wash so this side is not as live as the other up the hill.

The prospect has several good features and several things against it and it cannot be recommended if any money is necessary to the owner or for any considerable amount of development. It does justify a few days work if it can be done cheaply.

The things in its favor are first a surface showing 50 feet by 170 feet of a tungsten ore of possible value of 0.75%. If this can be made 140 by 100 feet deep by development there would be about 100,000 tons of an ore easily treated equal to $10.50 per ton. It would have to extend under the limestone to get this amount but about half this amount is indicated now.

Against the prospect is distance to water. The only known water is 4 miles down the canyon in a flat where one of the Rawhide mills was located on account of water. The tonnage would have to be large to justify the outlay necessary to bring the ore to the flat or the water to the property.

The development would not be as cheap as usual with such deposits because surface trenching will only show the values in the limited area. It will need prospect shafts through the limestone with crosscuts from the wash to really determine the property.
We took eight general samples which Mr. Johnson was to pan and test qualitatively before deciding which to have assayed. The most important were two showing the garnet rock over an area on the surface and these two panned well and we shall have assayed.

The owner did not get Mr. Johnson's letter and was not on the property so we could not get terms or price.

If no cash is required and the two samples are ore it would be worth doing as follows: Mr. Green, the foreman, who is now under salary in Tonopah could spend a month with one man and trench the known area and with a windlass shaft to determine if the ore is going under the limestone. This should not cost over $500 extra or more than Mr. Green is now receiving. It would be preliminary to some underground work to block out the tonnage.

When assays are received and Mr. Johnson finds out what the owner will do I shall write again.

Yours very truly,

Henry C. Garfield

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Tonopah Mining Co. of Nevada

Dear Sirs:

In the past two days Mr. Johnson has telephoned me twice from Tonopah about a new tungsten prospect he has examined and sampled within the past week. It was discovered about two weeks ago and is located near Rawhide, Nevada. He thinks it is something very important and that I should come over at once and look at it with him and that it should be optioned.

It is a contact deposit of garnet and epidote carrying tungsten as are most of the western tungsten deposits. There is considerable width and length of a uniform material of this kind and Mr. Johnson took four samples which he had assayed by Hanks and which ran from 0.5% to 0.9%. This is a good average for a milling operation and the grade we hoped would continue in depth at the El Diablo.

I tried to put it off until you could have a chance to authorize the trip but Mr. Johnson thinks it is too important so I am using the instructions given me to go at once if it seems best not to communicate with the office first. Shall start tonight and be away two days. I meet Mr. Johnson at 9:00 in the morning at Fallon and as he can only be away from Tonopah 24 hours he will return to Tonopah that night and I shall get on the train at Mina.

Yours very truly,

Henry O. Carlisle
Mr. W. L. Haehnlen, President,
The Tonopah Mining Company of Nevada,
570 Bullitt Building,

Dear Mr. Haehnlen;

Last week I visited a new tungsten discovery about 4 miles from Rawhide. Rawhide is about 30 miles from the S.P. station of Nolan on Walker Lake.

I found a very interesting condition and one that I think is worth while looking into. The formation is a limestone granite contact and which is favorable to tungsten deposits. The area between the lime and granite is from 150 to 300 feet wide. A hole about ten feet long had been dug along the lime and the enclosed assay sheet shows two samples from this hole. The first one was from the face about 4 feet wide and the second one a general grab from the entire muck from the hole. About 25 or 30 feet from this hole and towards the granite there is another hole of about the same size. The face of this hole across about 4 feet is shown in assay #3 and the grab sample from the dump is represented by sample #4. The material in the holes is soft and broken up. In walking towards I took several pieces of the surface rock and they all showed tungsten although I did not send them to be assayed.

The territory is entirely new. The man, J. G. Swan who owns the claims greed to give us first chance if we thought well of the ground. He did not have any idea what he would want and I told him if we did anything
it would have to be on a straight development basis. However, if after further consideration it would want to go ahead I think he will want a small payment. I am going to telephone Henry tonight and have him meet me to see what he thinks of the proposition.

The entire area between the lime and granite looks the same on the surface. The holes indicate a sure depth of ten feet and there is nothing to tell how deep the deposit may be. The length of the deposit, I was told is at least 1000 feet long although I did not verify this. Primarily I went to see another property and which I did not think very much of. I was told of the new place and it was quite late when I arrived there.

At the present tungsten is selling for $14 per unit or percent. Up to a few weeks ago the price was $18 per unit. A drawback to the deposit is the absence of water altho this may be obtained from the valley 3 or 4 miles away.

It looks like a big medium grade deposit of tungsten and the development work to prove it will be very small and inexpensive. The ground being soft trenching can be done very quickly and at a low cost.

Yours very truly,

[Signature]

Superintendent.
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**Abbot A. Hanks, Inc.**