
 LOCATION OF PROPERTY.

The property of the U.S.Asbestos Mining and Fiberizing Company is located on Casper Mountain about seven miles South of Casper the County seat of Natrona County State of Wyoming, and a division point on the Chicago and Northwestern R.R.

PROPERTY AND TITLE.

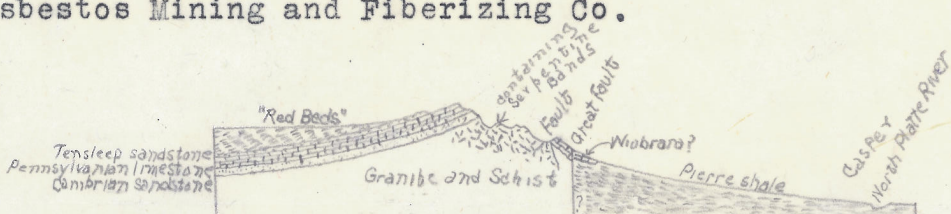
The property consists of Eighteen full size mining claims held by right of discovery and location under the United States and the State of Wyoming mining laws.

I found the claims all lawfully staked and in my judgment the required amount of annual assessment work has been performed on the property.

STRUCTURE OF CASPER MOUNTAIN.

which is the western end of the axis of the asbestos zone
 Casper Mountain may be regarded as the North West extremity of the Laramie Range. The Mountain is an Anticline with due East and West trend; broken by a great fault which extends parallel to the strike along the North front of the Mountain. The old formation South of the fault rises in great height forming Casper Mountain, and exposing a granite and schist core which is traversed by great bands of Serpentine Asbestos carrying rock.

The following sketch by N.H.Darton U.S.G.S. gives the cross section of the mountain South of Casper and through the property of the U.S.Asbestos Mining and Fiberizing Co.



The elevation of Casper mountain is about Three Thousand feet higher than the city of Casper and about Eight Thousand feet above sea level.

DEVELOPMENT WORK.

The property is developed by about thirty five pits, surface cross cuts and tunnels. I examined about twenty five of these workings and found chrysolite asbestos fibre in each. Their

This mineral is found in regular mineralized dikes or veins in the serpentine rock. The serpentine forming quite a large part of ^{this cone} of the mountain. The quality of the asbestos fibre found on this property is a very high grade cross fibre chrysolite, equal in my judgment to the canadia fibre mined at the same depth.

I noticed that as depth was gained on the veins the fibre became more silky and soft; this is due to the fact that asbestos has a certain per cent of combined water, and by being exposed to the elements for ages it loses some of its water and becomes a little harsh. The color of the fibre is of a greenish white.

LENGTH OF FIBRE.

The fibre of this property ranges in length from one sixteenth to one and one half inches, and in my opinion on many of the claims it composes from 10 per cent to 30 per cent of the vein matter mined. Some of these veins are from twenty to thirty feet wide and will probably prove in some instance to be ^{wider} ~~longer~~. I am of the opinion that about ten per cent of the fibre mined will go as No. 1 grade and bring a very high price, besides this you will have No. 2, 3, 4, and 5 grade which are very valuable.

RECOMMENDATIONS.

I would recommend, now that you have proven the existence of large bodies of high grade ore, by your surface developements, that you commence as soon as possible the systematic development of the property both by the quarry and ^{glory} ~~glanz~~ hole system, and by shafts and tunnels; this would enable you to mine asbestos the year around and in my opinion your deep fibre will be equal to any in the world.

I would also recommend that you build a mill as soon as possible and that this mill be erected at the foot of Casper Mountain on the Casper side: also that you erect an aerial tramway ~~XXX~~ ^{from} this mine to transport the ore and carry back supplies for the mine.

In my opinion this tramway would be a great saving over the wagon haul up and down the mountain.

I would further recommend that men trained in the mining, milling and fiberizing of asbestos be employed to superintend and direct your operations.

CONCLUSION.

I wish to say in conclusion that I ~~conclude~~ believe you have a property that will some day be one of the largest producers.

Under proper management this property should become immensely profitable to its owners.

Respectfully submitted,

Edwin Hall
State Geologist.

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