

REPORT ON A PORTION OF
THE HAPPY THOUGHT GROUP OF MINES.

A portion of the "Happy Thought" group herein referred to consists of the "Happy Thought," "Happy Thought No. 1," "Gillman", "Kinsman" and "Broughty Ferry" mining claims which, together with the balance of the group, are located on what is known as Mill Creek at a point about one-fourth of a mile distant from the railway station in the town of Dumont, Clear Creek County, Colorado.

FORMATION.

The formation is that of the regular metamorphic granites which constitute this region and which are more or less disturbed and broken through by igneous action.

PHYSICAL CONDITIONS.

The physical conditions are the most ideal to be found at any point in the State of Colorado for the successful, economic operation of a property.

The property is crossed by the stream mentioned, Mill Creek, which flows a large volume of water. One-fourth of a mile distant it makes its confluence with Clear Creek.

Fuel, mine timbers and other supplies are abundant at this point at the minimum rates.

VEINS AND STRUCTURE.

There are two veins upon this property which will be referred to particularly. First: the "Happy Thought" vein, having a general northerly and southerly course, is a large fissure, varying in width from three to five feet, soft and easily mined. So far it is a low grade, though, some considerable high grade material has been taken from the limited workings at present existing.

The character of the ore after passing beyond oxidized zone, is that of variegated sulphides.

DEVELOPMENT.

The development upon this vein consists of shaft 150 feet in depth; also an adit tunnel upon the vein 350 feet in length.

In the bottom of this shaft there is three feet and upwards of material which will run from six to eight dollars per ton, and is an excellent concentrating ore.

IMPROVEMENTS.

There exists in the way of improvements upon this portion of the property an excellent dwelling house containing four rooms, together with stable, one Upright boiler, one blacksmith shop, and track throughout the mine.

BROUGHTY FERRY VEIN.

The vein of the Broughty Ferry claim crosses or forms an intersection with that of the Happy Thought referred to. This property has been worked quite extensively upon the surface and large values have been taken from the oxidized or free milling material occurring there.

It is a large, well defined vein, varying in width from three to six feet, a general sampling of which in one of the most promising excavations showed a result of Sixteen dollars per ton in gold.

In time past a cross-cut tunnel was projected to intercept this lode which, at the present time, has reached a point 750 feet distant from its portal, and is now but 150 feet or whereabouts, distant from an intersection with the Happy Thought vein.

This vein, so far as development has been extended upon the same, promises to develop into one of the best properties in Clear Creek County, the location of its workings like that of the Happy Thought, an ideal, while it possesses the same advantages in other directions.

As a mining group this portion of the Happy Thought property alone presents features rendering it as worthy of consideration and to as great a degree assuring success upon development as any undeveloped property in Clear Creek County.

Summit Colo. Aug. 28th 1902

A. M. Miller & Co.