

Lucky Seven group

now

A, B, E, L. & Monti  
#1 & 2

group

1965

801424

This group is situated on the South West slope of Thornhill Mountain  
There are five Claims in the group as follows;

Lucky Seven	owned by A. Olsson
Beaver	owned by W. Dohl
Diamond,	
Ruby	
Pedro	owned jointly by Olsson and Dohl

These partners have owned these Claims for a number of years and certainly deserve credit for the exceptional amount of intelligent prospecting and exploration work which they have done.

On the Diamond claim they have opened up a small quartz vein lying in quartz diorite dyke. This vein where crossing a small creek shows a fault-throw of about 25 ft. horizontally and about 8 ft. vertically. It lies very flat, dipping about 20 degrees West and has a strike of North-East. The overlying diorite has been stripped off it for about 8 square feet, from which area of vein, two or three small pockets of free gold yielded \$300.00 by mortaring and panning.

The gold appears to assemble at points in the vein where small stringers of quartz join it from the country-rock. One patch of gold left in-place showed about six inches in diameter of solid gold in the quartz, and lying on the quartz were about 2 inches of iron oxide full of free gold. Associated with the free gold are sulphides of silver, mainly stephanite. I am reliably <sup>???</sup> informed that the owners, in further opening up this vein, took about \$4,000.00 in free gold in two weeks during the past summer. The elevation of this showing is at 3700 ft.

Farther down the creek, still on the Diamond Claim, a crosscut tunnel has been driven about 15 ft. into a small quartz vein showing on the surface and a drift about 20 ft. on the vein. The quartz is about 6 inches wide where struck by the crosscut, but pinches in the face to a mud-filled fissure. The quartz, decomposed and rusty carries some galena, a little chalcopyrite, and pyrite. A sample from the best of a small pile at the mouth of the tunnel gave assays as follows;

Gold ; trace. silver ; 4 oz/ton. Copper ; trace.

This vein strikes N 30 E., the tunnel is at elevation 3350 ft.

Clotthier cont'd  
~~Beaver~~

Lucky Seven (cont'd) Annual Mines report 1918

Still lower on the same creek <sup>and also on the "Diamond" claim</sup> another tunnel has been driven on the same vein for 18 ft., showing galena with considerable grey copper for a width of about 8 inches at the face. Brewer's sample of this gave 107 oz. in silver. samples of the grey copper from this tunnel assayed as high as 490 oz./ton in silver.

On the same Diamond Claim, about 250 ft. south of the above-mentioned vein is a parallel one (vein) with the same strike (N 30 E) and a dip of 53 degrees to the North-West. The quartz carries galena, chalcopyrite, pyrite, and a trace of tetrahedrite (grey copper) and follows a light colored dyke (acid dyke) which is traceable on the surface for several hundred feet along the creek.

A sample of the best ore assayed;

Gold \$2.40/ton. Silver 60 oz./ton. lead 25 %.

*20.50/oz = 0.117 g/ton*

<sup>"B"</sup> On the Beaver Claim, along the first creek West of the camp, a strong, well defined <sup>series of lenses</sup> quartz vein from 2 to 4 ft. in width <sup>and 10' - 50' long</sup> is exposed for a length of 500 ft. by seven open cuts. The creek swings away from the upper end of the vein and consequently has not been traced beyond that point because of the very heavy overburden. It strikes N 30. E. but dips in an opposite direction to other veins on the property. It dips at an angle of 35 degrees to the South. I had not the time to properly sample the vein but was informed by the owners that assays, after carefully sampling across the width of all open cuts, averaged value of \$10.00 per ton, of which \$7.50 was gold, balance was Lead, Silver and copper, The gold is free and would therefore be recovered by amalgamation while the metals could be tabled or floated. There is plenty of timber and power could be obtained from the creek running over the vein or increased from creeks a few hundred feet away.

In my judgement, this vein would warrant investigation for a small plant, keeping in mind that ore could be obtained for milling from the other veins on the property.

~~350 ft. below the showing on the Diamond Claim, an <sup>crosscut</sup> adit has been driven, at elevation 3350 ft., for a distance of 73 ft. to~~