

This group comprises the following Crown-granted mineral claims: "Donald," "Doubtful Fraction," "Herbert," "Imperial Fraction," "Magic Fraction," "Murial Fraction," "N. T. Fraction," "Phil," "Tyee," "Tony," "Thelma Fraction," and "X. L." lands, making a total of 340 acres approximately. They are situated on Mt. Sicker, 18 miles from Ladysmith, on the East Coast of Vancouver Island.

From 1899 till about 1904, these properties produced ore of the value of \$5,250,000.

During that time, only ore of fairly high-grade could be smelted profitably on account of the high zinc content and a barium gangue. Now, lower grade ore can be successfully treated by flotation concentration and yield even a higher profit. Much of this ore was left in the mines.

Mr. R. G. Mellin was Assistant Engineer during the last period that the Tyee Mine was worked; he advocates the operating of the Lenora, Tyee and Richard the Third under one management, whereby a considerable saving would result.

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PROPERTY FILE

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RPT BY PACIFIC TIDE WATER MINES 1928

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In the Minister of Mines Report for 1924 the following appears:

"After an examination of the underground workings, Mr. Mellin made an intensive study of the surface and started stripping between the west end of the Lenora stope and the boundary line between the Lenora and Tye mines.

"This stripping exposed a body of ore 60 feet long and 16 feet wide, carrying an average of 5.5 per cent. copper and about \$1.50 in gold and silver to the ton. An adit 142 feet long was then driven to intersect the ore exposed by the stripping at a depth of about 45 feet, which would correspond with the bottom of the west stope on the adjoining Tye mine.

"Another reason for reopening the old Lenora mine is because it is well known that there is on the Mount Sicker properties an ore-body known as the North ore-body that was never prospected to any extent on the Lenora, Tye or Richard the Third claims. The prospecting that had been done showed the ore only carried 2 per cent. copper, 7 per cent. zinc, and \$1.50 combined gold and silver values, which were the results obtained from systematic sampling of the ore-body on the Tye Copper Company's property before closing down.

"Twenty years ago such ore was too low-grade for profitable operation, especially when the zinc content is noted, on which a heavy penalty was charged by copper smelters. Today, with the oil-flotation process thoroughly perfected, and advancement in metallurgy with regard to zinc, and a good market demand for zinc concentrates, conditions have changed entirely, and ore carrying zinc in association with other metals is of some value.

"From Mellin's intimate knowledge of the probable dimensions of the North ore-body, also from information from Dick Bosence, the former foreman of the Tye mine, it is gathered that there are probably 50,000 tons in the North ore-body on the Lenora, 80,000 tons on the Tye, and an unknown quantity in the Richard the Third. All of this ore today is of commercial value, if concentrated."

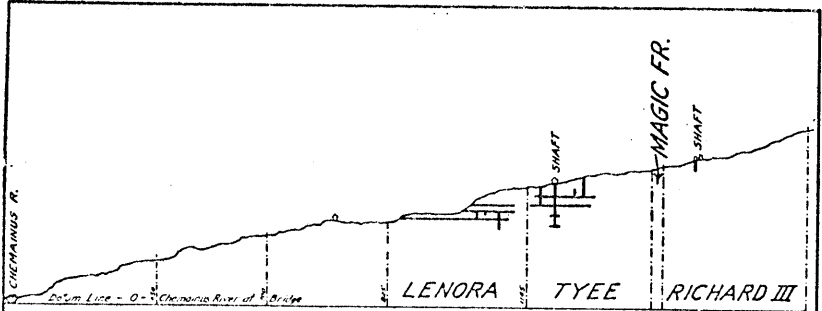
It has been estimated by Mr. Mellin that the ore on the Tye claim alone represents a probable return of over \$300,000, and this does not include any value for the barium in the ore, which averages 20 to 30%, and may become a considerable source of profit.

The vendors have also acquired a lease of the Lenora Mine adjoining the Tye, and during the last two years have done a large amount of work in opening up tunnels which it is proposed to continue into the workings of the Tye Mine.

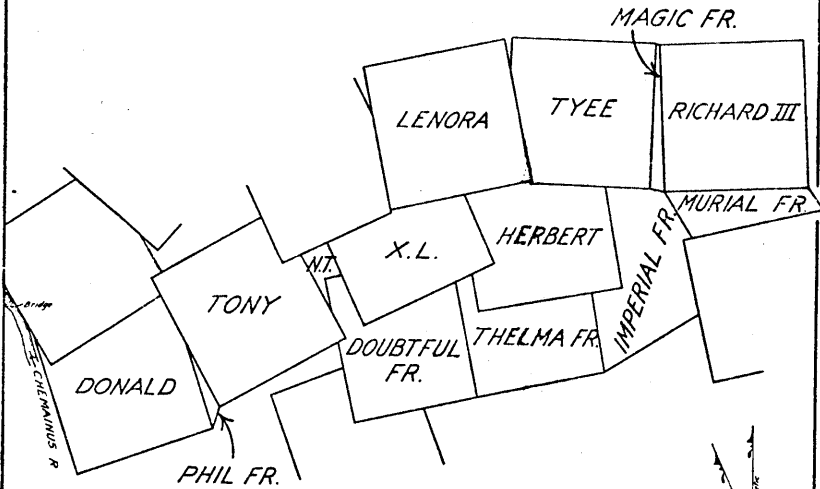
The connection of these two properties will considerably reduce the cost of operations. There is a body of ore in the Lenora Mine, the extent of which is not definitely known, but it is proposed to extract it under a royalty lease.

With the Tye Mine is included the following equipment, which has an estimated value of \$5,000.

One 10 drill Air Compressor, one Air Receiver, two Boilers, one Steam Engine, one Hoist, Air Drills, Air Drill Parts, Pumps, Fans, Mine Telephones, Ore Buckets, Mine Rails, Mine Cars, Blacksmith Outfit, Water Pipe, Pipe Dies, Pipe Fittings, Drill Steel, Pulleys, Shafting, Tools, Acetylene Generators, Camp Equipment, etc., etc., as per detailed schedule.

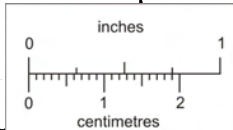
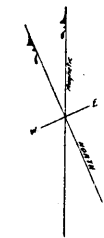
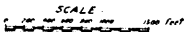


- PROFILE ALONG ZONE OF MINERALIZATION OF SCHISTS -



- SKETCH PLAN & PROFILE -
- OF -
- MT. SICKER CAMP -

- Elevations - Barometric -
- Distances - Approximated -



BRITISH COLUMBIA
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This reference scale bar has been added to the original image. It will scale at the same rate as the image, therefore it can be used as a reference for the original size.