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Property File

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REPORT ON THE
HUNDINGER * HUNKIDORA GROUP
CULTUS CREEK
NELSON MINING DIVISION, B. C.

To
Frank Eichelberger, Trustee.

By
Chas. C. Starr,
July 13, 1929.

INTRODUCTION: Only part of a day was spent on the property but all the known exposures were visited. In the present state of development it is impossible to learn very much about it.

LOCATION: The property lies in a low pass between Cultus and Canyon Creeks, nine miles from the mouth of Cultus Creek on Kootenay Lake, which is on the west side of the Lake eight miles north of Kootenay Landing. It is in the Nelson Mining Division.

PROPERTY: The property consists of five claims which are held by location, the Cultus Pass, Canyon Pass, Hamdinger, Hunkidora, and Copper Queen. The owners are H. B. Morrison, Roy Hunter, R. and K. Laib, and the Charles Woodrow Estate.

TRANSPORTATION: A good trail with a wagon-grade leads from the mouth of Cultus Creek to the property; six miles of this will be made into a road this year. At present C. P. Ry. boats call twice a week at Cultus Creek, and the railway now under construction, crosses the Creek at its mouth, and daily train service may be expected within two years.

GENERAL: There is considerable very good timber on the property, and also a heavy growth of brush.

Water is rather scarce on the property, but is ample for milling purposes within a mile. Nearby waterpowers have been taken up by the Consolidated M. & S. Co. who are developing the Ives Fern mine about two miles to the north.

The topography is comparatively smooth, the property lying in a low broad pass. The elevation at the

tunnel on the Humdinger claim is about 4400 feet (2600 feet above Kootenay Lake).

EQUIPMENT: None

DEVELOPMENT: One trench thirty feet long and two or three feet deep; one shallow tunnel about twenty feet long.

GEOLOGY: On account of the heavy covering of brush and soil no good idea of the geology could be obtained.

The host rock of the mineralization appears to be a silicified limestone, and there is a suggestion that it is accompanied by a felsitic dike. It is probable that there are granite intrusions in the vicinity.

MINERALIZATION: The trench on the Hunkidora claim extends across part of a sharp ridge which stands up some twenty feet above a small swamp. It shows thirty feet of more or less decomposed limestone, frequently altered to a mass of limonite and rock residue; the harder ribs show a little quartz with specks of pyrite, galena and sphalerite. Apparently neither wall of the mineralization is exposed. The strike is N 15° W and the dip nearly vertical. A sample across the best appearing of the hard ribs assayed as follows - width 6 inches, 6.02 Oz Gold, 2.2 Oz Silver, .19% Copper, 1.1% Lead, 4.3% zinc.

In the two hundred feet immediately north of this trench some half-dozen points of silicified limestone showing some mineralization project through the soil.

Near the south end-line of the Humdinger claim several feet of decomposed material showing some copper was exposed in digging the trail. A tunnel was started some

fifteen feet lower and shows about twenty feet of silicious limestone through which chalcopyrite, with traces of pyrite and sphalerite, is quite uniformly disseminated. The limestone in the tunnel is badly broken, the blocks being separated by seams and fractures having a general strike of N 15° W and which are filled with a soft red mass of iron oxide. No walls are in evidence. A sample obtained by chipping the coarse rock on the dump assayed 0.01 Oz gold, 2.1 Oz. silver, 1.70% copper. This is estimated as 30% to 50% higher than the average of the tunnel.

A sample of the red, oxidised material from the seams assayed 0.02 Oz gold, 1.8 oz silver, - other metals were not tried.

CONCLUSION: The showing is a very interesting one, but the exposures are so scanty that it is impossible to form much of an idea of the deposit. It is known to be at least thirty feet wide at both of the points where digging has been done, and neither limit of the mineralization is exposed. The value of the mineralized material that is now exposed is low, but some leaching has undoubtedly occurred which has reduced its metal content. On account of its size it is an unusually favorable prospect for further exploration and prospecting, but should have been further developed by the owners before it was offered for sale.

Respectfully submitted,

Chas. C. Starr

HUMDINGER & HUNKADORA.

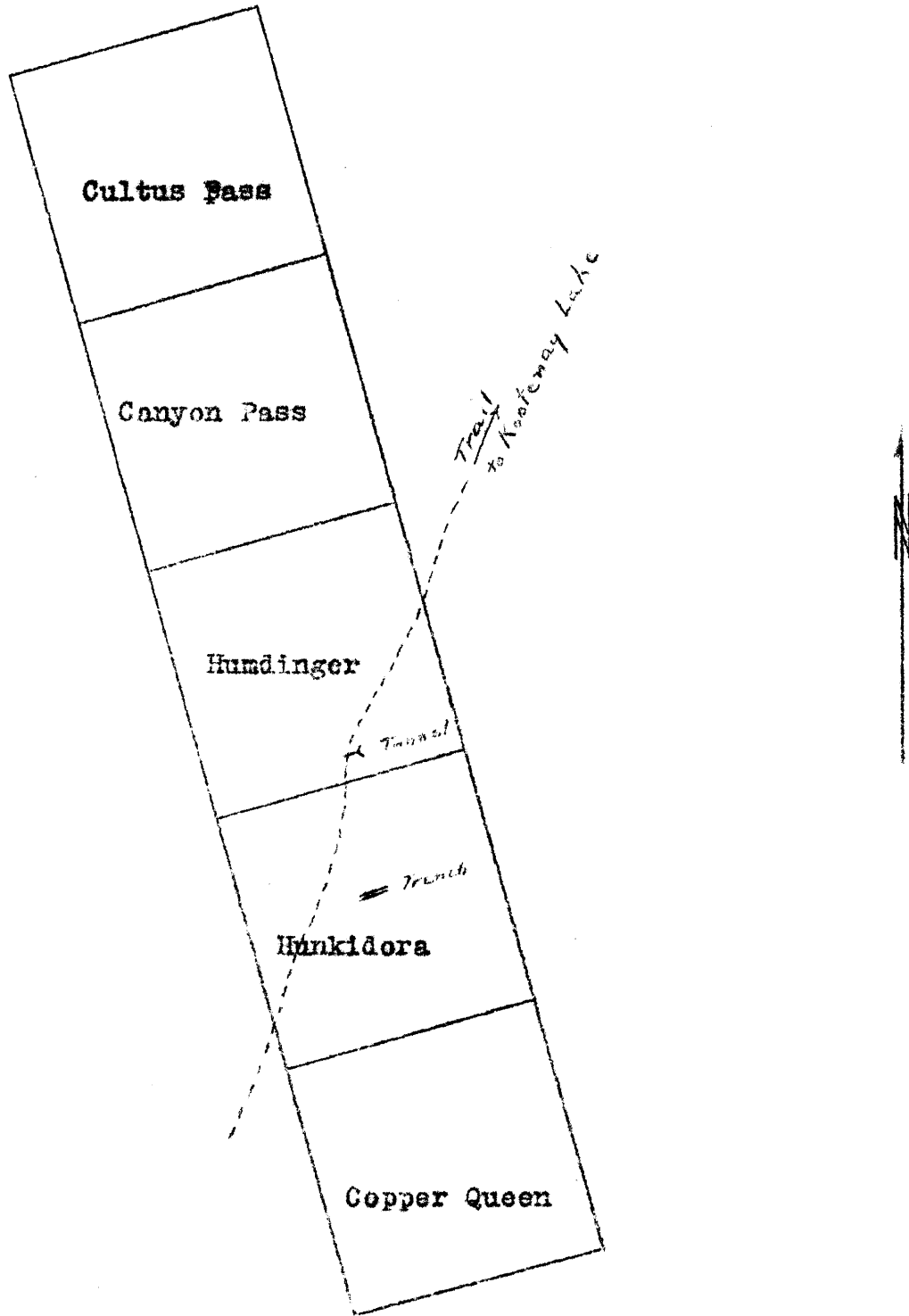
The following is from the Minister of Mines Report for 1927 (by E. T. O'Grady).

..... an open cut was made exposing a width of seven feet of chalcopyrite disseminated through a silicious and calcareous gangue. The mineralization is uniformly distributed throughout the showing. At the time of this examination neither wall was exposed and there was no indication of the limits of the deposit, which is along the general trend of the mineralized zone developed on the Cultus Creek Group described in the annual report for last year.

A grab sample from a pile of representative ore from the dump of the open cut assayed: Gold 0.06 Oz Silver 2.4 Oz., Copper 4.58%. An analysis of the gangue showed it to contain 60.6% silica, the balance being chiefly lime and alumina. No country rock exposures were visible and the small amount of digging was not sufficient to afford much indication as to the character of the deposit. The showing is attractive and its accidental discovery indicates the interesting prospecting possibilities of the area.

Note: The open cut referred to is either the exposure along the trail or a cut that was on the site of the tunnel which had not been driven at that time.

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HUMDINGER GROUP (Unsurveyed)

ON CULTUS CREEK, NELSON DISTRICT, B. C.