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The Granby Consolidated Mining, Smelting & Power Co. Ltd.,
G R A N D F O R K S, B. C.

Gentlemen:

I beg to submit a report on claims situated in
Deadwood Camp, British Columbia. The claims embodied in this
report are as follows: Ah There, Greyhound, Hard Scrabble,
Plute, Montrose, S.M. Johnson and Deadwood.

PHYSICAL FEATURES:

These claims occupy the flat north of the City of
Greenwood upon which the townsite of Deadwood is situated.
The surface is in small relief so that very little depth
could be gained by tunneling, consequently any mining here
must be done from a shaft. The Canadian Pacific Railway
and the electric power line cross these claims, which would
give transportation and ample power for any mining that might
be developed. A small stream called Copper Creek flows
through these claims and joins Boundary Creek at Greenwood.
In addition to this there are a number of small springs on
the Greyhound west of the shaft, which would be sufficient
for diamond drill operations. There is no timber of any
importance in this vicinity. With the exception of a narrow
strip along the contact there are few rock exposures,

and to the west on the Ah There and Pluto the drift would be probably be deep.

GEOLOGY:

The geology of this section is as follows:- A granodiorite base constitutes the intrusive rock of the district. Upon this have been deposited conglomerates, grits volcanic tuffs ~~etc.~~, which form the footwall of the mineralized zone. Superimposed upon this older series are the sediments which form the mineralized zone. The contact between the footwall and the mineralized zone appears east of the townsite of Deadwood striking, approximately, north and south and dipping sixty degrees west. There are some dykes cutting through the mineral zone as shown by some basic dyke rock on the Greyhound dump. As the Greyhound shaft was inaccessible and the surface covered with snow little can be said concerning this phase of the geology.

ORE BODY:

Under this heading the mineralized zone will be described as very little rock of commercial value was encountered. The ore body exposed in the Ah There shaft is pyritic with very little copper showing, while that of the Greyhound is lower in iron and carries more copper.

The granet and epidote rocks are very prominent as gangue.

DESCRIPTION OF CLAIMS:

At There- This claim irregular in shape is situated southwest of the Greyhound. A shaft is sunk on a narrow corner between the Greyhound and the S.M. Johnson for a depth of two hundred and forty feet. For the first eighty feet this shaft cuts the ore zone showing a high percentage of iron pyrites. At this depth the footwall is encountered dipping about sixty degrees west and striking north - south. At the fifty foot level a drift is driven forty feet to the east and is entirely in the mineral zone. Ten feet from the shaft a pocket of copper ore is cut which gives assay values as follows: Cu 1.4 Ag Trace Au Trace Si O₂ 23.4 Fe 27.3 CaO 8.8. A general sample of the remainder of the drift gives: Cu Trace Ag Nil Au Nil SiO₂ 46.9 Fe 13.7 CaO 14.2. At the eighty foot level a drift is driven twenty feet south along the contact giving assay values of: Cu 0.2 Ag Tr Au Tr SiO₂ 43.2 Fe 14.3 CaO 17.4. Below this level the shaft is full of water.

GREYHOUND:

A shaft two hundred feet, from which considerable

drifting has been done, is on this claim. This shaft was inaccessible on account of water but the workings were examined by Mr. C. M. Campbell in April, 1907. The greater part of the work was done towards the footwall and shows *low* values. Mr. McRae, who is familiar with the workings of the Greyhound, claims that just prior to the suspension of operations, a drift was driven west into the ore body for thirteen feet showing good copper ore. A sample taken from a heap of ore on the dump gives: Cu 2.1 Ag 0.5 Au Tr SiO₂ 35.6 Fe 10.9 CaO 19.3. A drift on the surface west of the shaft, is driven towards the footwall for a hundred feet, the last fifty feet of which shows copper ore. A general sample of this fifty feet of drift gives: Cu 0.6 Ag 0.1 Au Tr SiO₂ 46.6 Fe 10.7 CaO 14.6.

CONCLUSIONS:

The workings on these claims show, undoubtedly, a mineralized zone of large extent but of very low value. (See section). The work done proves but a very small portion of the mineralized zone, and the fact that some ore of commercial value was encountered in a zone so heavily mineralized, is a favorable indication that a large and valuable ore body

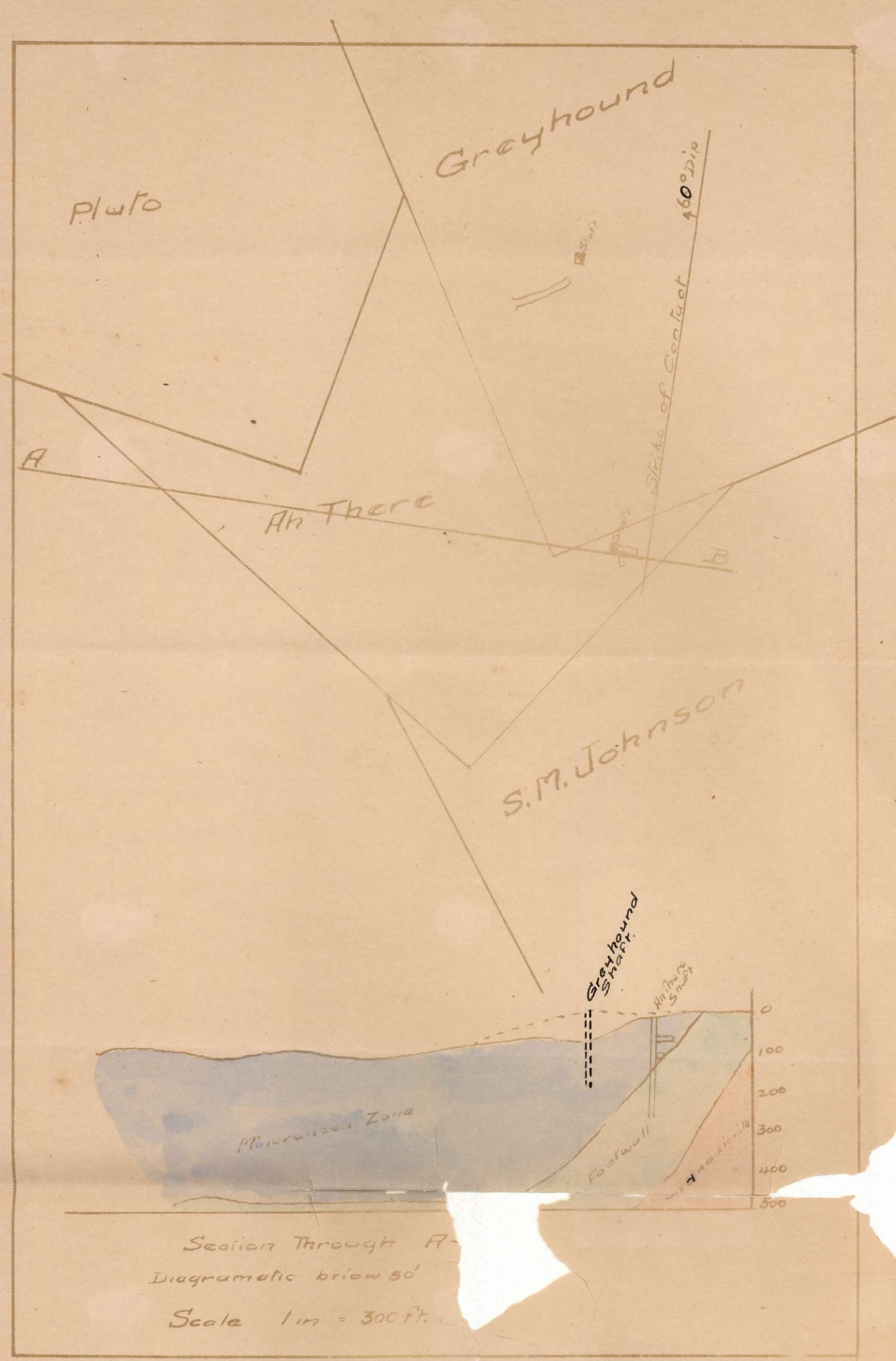
may exist. Considering the splendid opportunities for cheap prospecting, the writer would strongly recommend that a few thousand dollars be expended in testing these claims with a diamond drill. This would not necessitate deep drilling as it is not reasonable to expect a deposit of this nature to go to a great depth. An outfit for drilling up to five hundred feet would be suitable. A study of the diagramatic section will show the advisability of securing, if possible, the claims mentioned in the introduction to this report.

OWNERS OF CLAIMS AND ADDRESSES:

Ah There,	G. D. Leyson,	Greenwood, B. C.
S. M. Johnson,	do	do
Deadwood	do	do
Hard Scrabble,	Mr. Graham,	Deadwood, B. C.
Peacock,	Mrs Graham,	Imperial Hotel, Greenwood, B. C.
Pluto,	Mr. Keffer,	B. C. Copper Co., Greenwood, B. C.
Greyhound,	Mr. Wm. Price,	Quebec, P.Q.

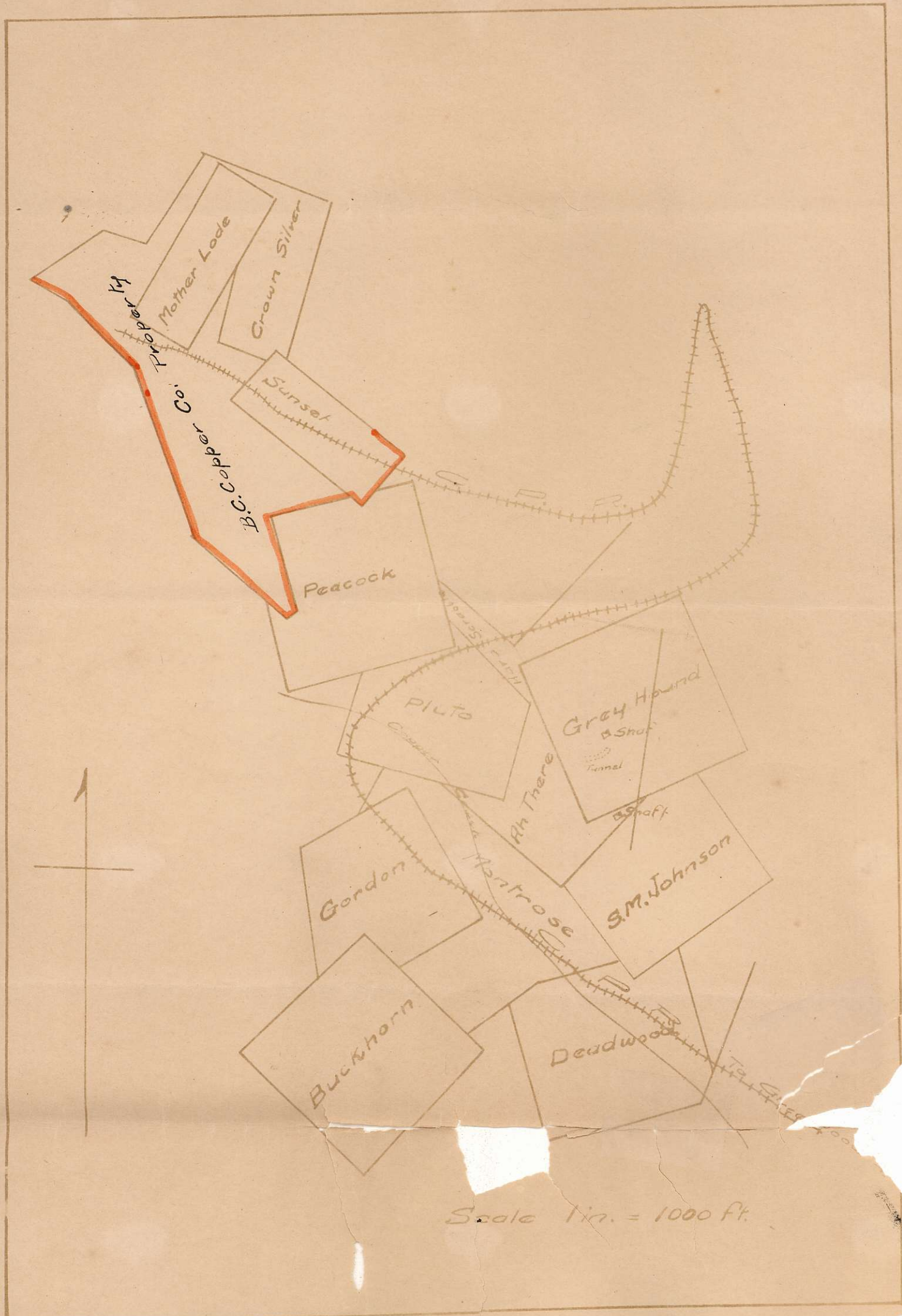
The whole respectfully submitted,

Phoenix, B. C.
Jany. 5, 1911.



Section Through A-B
 Diagrammatic view 80'

Scale 1 in = 300 ft.



Scale 1 in. = 1000 ft.

REPORT ON MINERAL CLAIMS

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DEADWOOD CAMP, B. C.

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January 5,

1911/