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*Starr*  
Property File

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REPORT  
of  
PRELIMINARY EXAMINATION  
OF THE  
BEAVER GROUP  
KASLO, B.C.

For The Goldfield Consolidatâ Mines Co.

By Chas. C. Starr,  
July 17, 1928.

**INTRODUCTION:** About four hours was spent on the property accompanied by the son of one of the owners, - he was not very familiar with the ground.

**LOCATION:** The property is situated near the summit at the head of Beaver Creek. It is reached by a fair trail six miles long, starting from the Kaslo-Nakusp branch of the Canadian Pacific Ry. at 14 miles out of Kaslo. It is in the eastern edge of the Slocan Mining Division.

**PROPERTY:** There are two claims in the group, the Beaver and the Lone Star, both Crown granted. These claims were located in the early days and are 1500 by 750 feet. Mr. J. M. Allen of Kaslo owns a one third interest.

**TERMS:** No definite terms were stated. The property can be obtained, however, at a comparatively low figure and with plenty of time for payments.

**TRANSPORTATION:** The present connection with the railroad is by trail which rises 4500 feet in about six miles. The mine could be connected with the railway by a tram of about four miles length.

**WOOD, WATER & POWER:** The present workings are just above timber-line. About 1000 feet below the workings there is a fair amount of good sized balsam timber. There is a spring about a thousand feet south of the mine and 500 feet lower. No water-power is available within three or four miles.

The camp, consisting of three good log cabins is situated about a thousand feet below the mine.

**TOPOGRAPHY:** The railway at the foot of Beaver Creek is at an elevation of 2900 feet; other elevations, by aneroid, are as follows: Camp 6400 feet, lower tunnel 7400 ft., upper tunnel 7490 ft., vein where it crosses the summit 7650 ft. The mine and camp are on the southwesterly slope which is steep but comparatively smooth; north of the summit the topography is extremely rough and steep.

**EQUIPMENT:** Equipment consists of three good, small cabins and a very limited amount of hand mining tools.

**HISTORY:** The property was one of the early locations of the district and all work to date has been done by the owners. No shipments of ore have been made.

**GEOLOGY:** The property is in about the center of a two mile belt of highly contorted and metamorphosed rocks of probable Ordovician age which are known as the Kaslo Volcanics. The vein crosscuts the formations which consist of highly altered talcose and chloritic schists, greenstones (in part diorite ?) and narrow bands of sheared

metamorphosed limestones. The rock contacts have a general east and west trend and dip about 60° to the south; the schistosity has the same strike but stands nearly vertical.

There is considerable small faulting nearly across the vein, throwing it to the right. Considerable time would be required to work out the geology in detail.

**DEVELOPMENT:** Development consists of two tunnels. The upper was 60 feet long, on the vein, and has caved.

The lower tunnel is mostly on the vein and is 450 feet long; there are five short crosscuts from it.

Four or five small open cuts have caved in.

**VEIN:** The vein strikes N 15° to 30° E and dips 70° east; it is from five to 15 feet in width and appears in general to be a replacement of the rock between two fairly defined walls, accompanied by a few small quartz seams parallel with the walls. The replacement minerals are quartz, pyrite, galena, and very little blende; generally oxidation has been quite complete. The replacement process has generally not gone far enough to make commercial ore, but at many points the appearance of the vein suggests that if a little more easily replaceable rock were encountered there would be commercial ore with it.

Three or four tons of galena ore has been saved from the entire tunnel, and was said to have occurred in small lenses. The upper tunnel has considerably more ore on the dump from its 60 feet of length, and is said to have shown a 4 foot face of good ore at one time.

At present nothing but specimens of ore are to be found in the mine.

**SAMPLES:** Two samples were taken, as follows:-  
#2113 Grab sample of galena ore from small pile on dump, also shows a little copper, Gold .04 Oz., Silver 25.0% Oz., Lead 49.2%, Zinc 0.9%  
#2114 Grab sample of best appearing parts of waste dump, iron oxides and traces of other metals, Gold .01 Oz., Silver 2.6 Oz.

**CONCLUSION:** The property is in an isolated location and difficult to work at all in the winter on account of snowslides.

The vein is large and strong but is insufficiently mineralized through lack of sufficient replacement; in more favorable rock it might make ore.

The formation is generally considered favorable for the formation of gold-silver ores, but not for lead.

The property cannot be recommended unless ore is found at a lower altitude in a more favorable formation; further development in the present formation, while not hopeless, is most likely futile.

Respectfully submitted,

*Chas. C. Starr*

# CERTIFICATE OF ASSAY

**G. H. GRIMWOOD**

PROVINCIAL ASSAYER AND CHEMIST

KASLO, B. C., July 19th 1928 192.....

*Beaver Mine  
- 14 mi. Kaslo Creek.*

C. C. Starr. Esq. Kaslo, B.C.

I HEREBY CERTIFY that the samples of Ore herein described and assayed gave the following results:

NO.	MARKED	GOLD Ounces per ton	SILVER Ounces per ton	LEAD Per Cent	ZINC Per Cent	IRON Per Cent	
	No. 2123	0.04	25.0	49.2	0.9		
	No. 2114	0.01	2.6				

Silver per oz. ....

Gold per oz. ....

Charges \$ 5.25

*G. H. Grimwood* Assayer

Beaver Grp.  
Kaslo Creek  
Kaslo Co.

July 17-28

Beaver Grp.

○ Camp 6400

○ Lower Turn Over 7350

○ Schist on top of back mt.  
29 W Vert ± Old chloritoid  
igneous?

○ Vn? on top N25 E &  
85 E

— Iron stain located &  
some spin. Rk 1/2 N?  
Vn summit 7650

Upper turn 7390

○ Up Turn 59 W - 53° to low turn  
guess 200' on slope  
Up Turn to camp about 545 E

○ Lower turn 7400  
guess 100' vert between

○ J. M. Allen

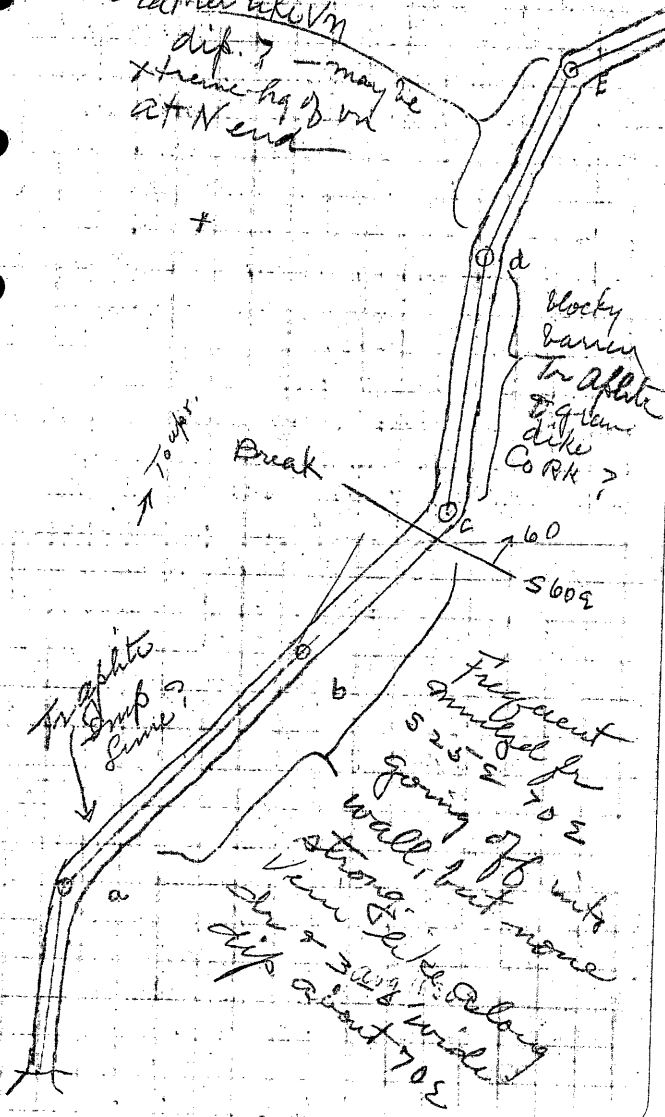
○

Survey Lower Turn  
Magnetic Bear

Partial	N 6 E	13 pc	a
a	N 44 E	23 pc	B
B	N 46 E	14 pc	C
C	N 7 E	18 pc	D
D	N 23 E	14 pc	E
E	N 67 E	17 pc	F
F	N 18 E	21 pc	G
F	N 18 E	10 pc	F <sub>1</sub>
F <sub>1</sub>	N 63 W	20 feet	face
G	N 69 E	6 pc	H
H	fit cones	15 feet ±	fc (filled)
H	N 31 E	8 pc	I
H	N 31 E	5 pc	H <sub>1</sub>
H <sub>1</sub>	S 63 E	20 feet	fc
I	N 27 E	12 pc	J
J	N 10 E	15 feet	fc
J	N 45 W	15 ft	fc

Beaver Dam July 17-28

rather like V  
 dip. 7 — may be  
 extreme high end  
 at N end



blocky barrier  
 to Aplate  
 3009  
 dike  
 Co Rk ?

To upper  
 Break

To upper  
 Break

Frequent  
 mudflow  
 3009  
 70° E

going off into  
 wall, but more  
 strong  
 3009  
 dip 3009 about 70°

3009

3009

a

b

c

d

e

July 17.

Went to mine with T. Allen  
son of one of owners.

Jack Allen Kaslo - past owner.  
Very early location.

Fair trail from 14 mi. on  
Kaslo Ry. alt Elev about  
2800. 3 good bulldges at  
camp - timber line  $\frac{1}{2}$  from  
camp to mine - no water at  
mine. Camp  $1\frac{1}{2}$  or 2 mi. fr  
mining trail.

Old upper tunnel caved  
- a few tons mxt ox & sulph  
are on dump.

At & beyond summit some  
rn shows nearly vert dip  
7 ft stain & Q & talc strgs  
then dips drops off abruptly  
to N.

Mine 6 mi. + fr by trail  
1/2 in 4-8' wide well altered Co  
rk with fine seams strgs  
etc. Qz & Fe ox & lead carb  
& galena. But lead very  
scarce. Many small  
cross breaks & top mtn very  
shattered. Good likely  
look sharp. Geol work  
rather difficult.

~~By~~ Contact's gendy



Beaver Mine

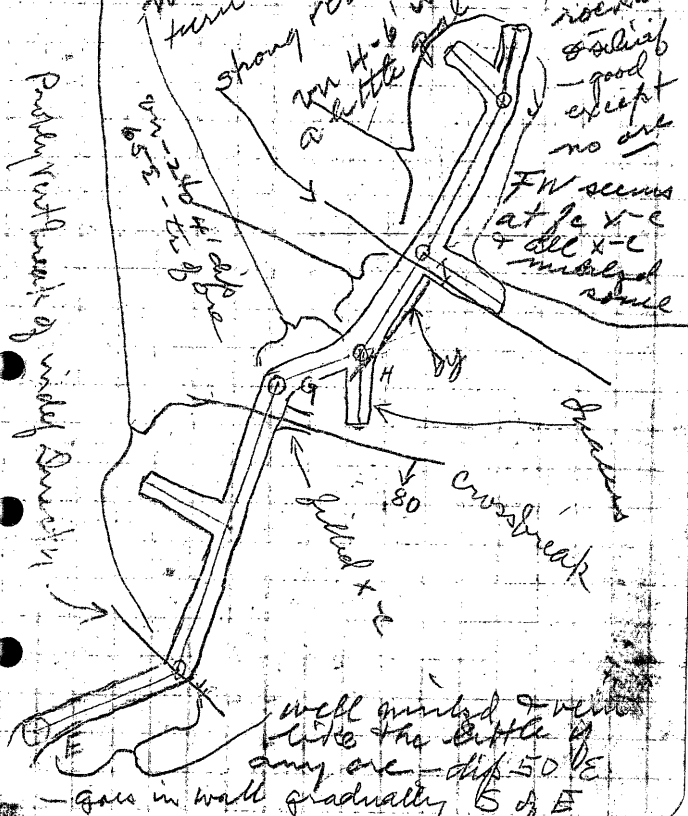
July 28

narrow gauge or  
vein 1/4 feet wide  
dips 65 E - rare galena  
along it. - rest x-c gray  
Greenstone at top N 100 E west W  
weakly mineralized.

no iron but fract of F-G seems to  
turn diag along this part  
strong vert cross fract - dip 65 E  
iron 4-6 inches walls - small  
a little iron both - all  
rock altered  
solid - good  
except  
no ore

FW seems  
at top x-c  
+ all x-c  
mineral  
some

Probably part of main of index structure



well mineralized & veins  
like the little of  
any ore - dip 50 E  
- gas in wall gradually S of E

seem? about EW & 60° S  
white shear vert.

Tr. granite - greenstone or  
chlorite & limy. Only metamorphic  
evidence of doubtful origin.  
Tr. of serpentine & some  
chlorite & granite also  
Camp.  
No. one shift.

Mine Beaver Mine No. 2113  
Claim or Working Lower level Level

Takin in \_\_\_\_\_ Tunnel—Drift—X Cut—Shaft  
Wz—Rz—Stope—Cut—Outcrop—Drill Hole At \_\_\_\_\_ Ft.  
To see what good  
from  
might in  
Width Sampled \_\_\_\_\_ Ft.

At Rt. Ang—Horiz.—Vert. Continuation of No. \_\_\_\_\_  
.04 Au 25.0 Ag 49.2 Pb 0.9 Zn  
Toward Foot—Hanging. Strike \_\_\_\_\_ Dip \_\_\_\_\_  
Material Galena 90% - 2 Cu 10% estimated Cu 2 1/2%

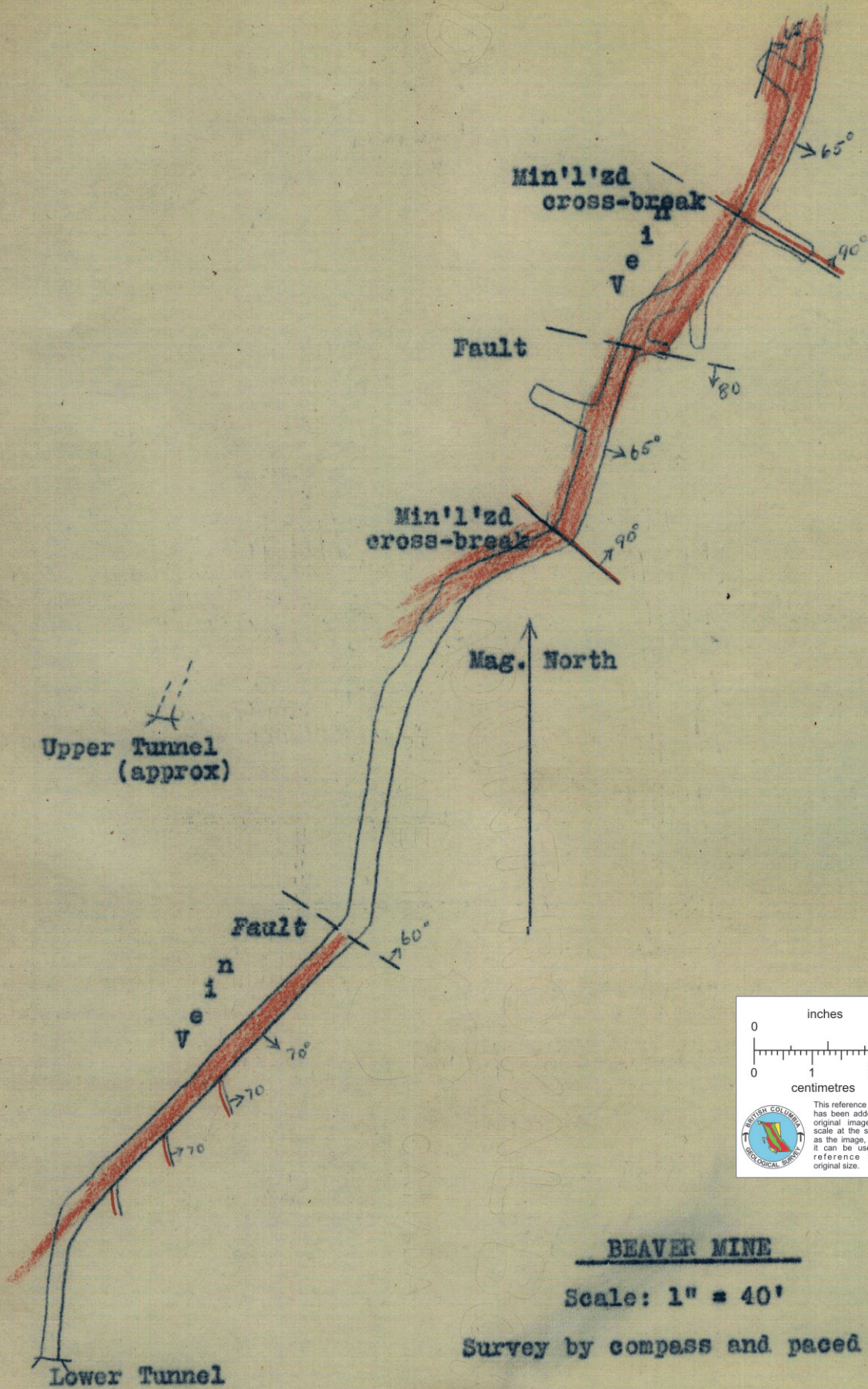
Remarks Pile of ore around  
R.R. shop - say 2 tons  
Best ore not picked -  
Taken by Starr Date July 17-25

Mine Beaver No. 2114  
Claim or Working Lower level Level

Takin in .01 Au 2.6 Ag. Tunnel—Drift—X Cut—Shaft  
Wz—Rz—Stope—Cut—Outcrop—Drill Hole At \_\_\_\_\_ Ft.  
To see if from ox lean  
on matter carries any  
Width Sampled \_\_\_\_\_ Ft.

At Rt. Ang—Horiz.—Vert. Continuation of No. \_\_\_\_\_  
Toward Foot—Hanging. Strike \_\_\_\_\_ Dip \_\_\_\_\_  
Material \_\_\_\_\_

Remarks Grab of best parts of top  
of waste dump - OX Fe  
etc & Mn & bit Cu  
Taken by Starr Date July 17-25



**BEAVER MINE**

Scale: 1" = 40'

Survey by compass and paced distances.

BEAVER CLAIM

Upper Tunnel

Lower Tunnel

LONE STAR CLAIM

Camp

Mag. North

SKETCH MAP OF BEAVER GROUP

Scale 1" = 500' approx.

