
PROPOSED EXPLORATION PROGRAM 1963.

INTRODUCTION.

The LAY property is close to Aiken Lake and as most of the work will be done there, it is proposed to set up a camp at the lake and use this as a base for the LAY and JIM programs and for the prospecting activities. The RUBY program, if done by the company, does not require constant supervision, once it has been laid out.

LAY GROUP.

It is proposed to fly a crew and outfit to Aiken Lake as soon as the ice is out, perhaps about May 20th or earlier if possible. They would put up a tent camp, clear a landing site for helicopter and cut out the trail to the LAY property. While this is being done, equipment and supplies for about 2 months would be flown to the lake and when everything is on hand and the LAY campsite clear of snow, a helicopter would move the outfit up to the LAY property. Tent camp would then be put up there, probably before June 10th and work would start.

This would consist of clearing the entry to the adit tunnel which is now covered by slide rock. Two or three sets of timber may be required. Accumulated muck in the tunnel would be removed with wheelbarrow. Sampling can then proceed.

On No.2 zone stripping will be done by hand to get as many exposures as possible, and at regular intervals cuts will be drilled and blasted across the zone, using a Cobra gasoline drill. The cuts will then be sampled. It is proposed to purchase a Packsack drill to be used for core sampling of the zone, either where stripping and blasting is not feasible or where outcrops are deeply oxidized. Some sampling of No.3 zone can also be done by the Packsack drill. The Packsack drilling depends on whether an experienced operator can be obtained.

It is doubtful if No.1 zone can be exposed by stripping or trenching because the slide deposits may be too deep and a Packsack drill can not handle much overburden. This zone would have to be diamond drilled with a standard rig and this could start as soon as the initial work is well under way, say by June 25th. The drilling equipment would be laid in at the lake camp and then moved up by helicopter, including fuel to do 3000 feet of drilling (about 700 gallons). It is difficult to say how deep the overburden might be, but it is proposed to blast pits in the talus slides and then use casing to bedrock. It is believed that at least three set-ups 100 feet apart can be provided this way, and two drill holes can

be bored from each setup, one flat and one steep angle. Each hole would probably be about 150 feet long, for a total of say 1000 feet on No.1 zone.

In the meantime drill setups would be prepared on No.2 zone and drilling commence there. It is proposed to space the holes at 200 feet intervals and five setups would test 800 feet length of the zone. The holes would be about 200 feet long, for a total of 2000 feet on No.2 zone. On a two-shift basis it is estimated that the 3000 feet of drilling should be completed by September 1st.

The initial phase of the work, not including diamond drilling, would require a crew of 6 consisting of 4 men, a cook and a junior geologist or engineer. The camp would be radio equipped for contact with Fort St. James and possibly B.C. Telephone at Prince George. It is proposed to have two packhorses available for occasional supplies and for prospecting.

The following cost estimates are based on a 3 month period from June 1st to September 1st.

Wages & salaries (incl. management)	11,500.
Board supplies	2,000.
Aircraft & helicopter time	2,650.
1- Cobra drill & drill steel	1,200.
1- Packsack drill & bits	1,230.
120 core trays @ 1.50	180.
Core splitter	31.
Explosives	120.
Mining tools	220.
Chainsaw	230.
Tents & tarps	500.
Camp equipment	210.
Radio equipment	224.
	<hr/>
	20,295.
Contingencies 10%	2,030.
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	22,325.
3000 feet of diamond drilling (all incl.) @ 9.-	27,000.
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	\$49,325.00

JIM GROUP.

It is proposed to put a team of two prospectors on the ground in June when the helicopter is at Aiken Lake for the LAY job. Costs are based on a 2 month period, after which the men can be employed for prospecting and assessment work elsewhere.

Cost estimate.

Wages 2 months	1,800.
Supplies	450.
Tents & equipment	300.
Aircraft & helicopter time	650.
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	3,200.
Contingencies	400.
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	\$3,600.00

RUBY GROUP.

The proposed program consist of trenching by bulldozer for a period of one month. This will call for renting of a suitable machine and moving it to the property. Two men should be able to complete this work after the trenches have been marked out by the engineer. It may be possible to get a grant of \$1000. or better from the Government to improve the road north of Uslika Lake, which the machine can conveniently do on the way up.

Cost estimate.

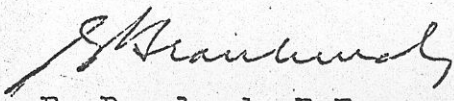
Wages (helper)	450.
Supervision	400.
Camp equipment & supplies	710.
Cat rental 240 hrs. @ 16.-	3,840.
Travelling time both ways, 100 hrs.	1,600.
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	7,000.
Contingencies	700.
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	\$7,700.00

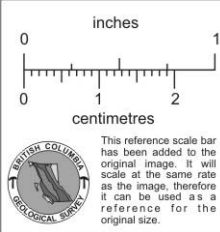
PROSPECTING.

Certain areas in the vicinity of the LAY property should be prospected this season and can best be done in connection with the LAY program. The following costs are based on a 2 month period:

Wages & salaries	2,800.
Aircraft & helicopter time	600.
Packhorses & packer	1,200.
Supplies & contingencies	400.
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	\$5,000.00

Vancouver, B.C.
April 2, 1963


E. Bronlund, P.Eng.



SHEET NO.

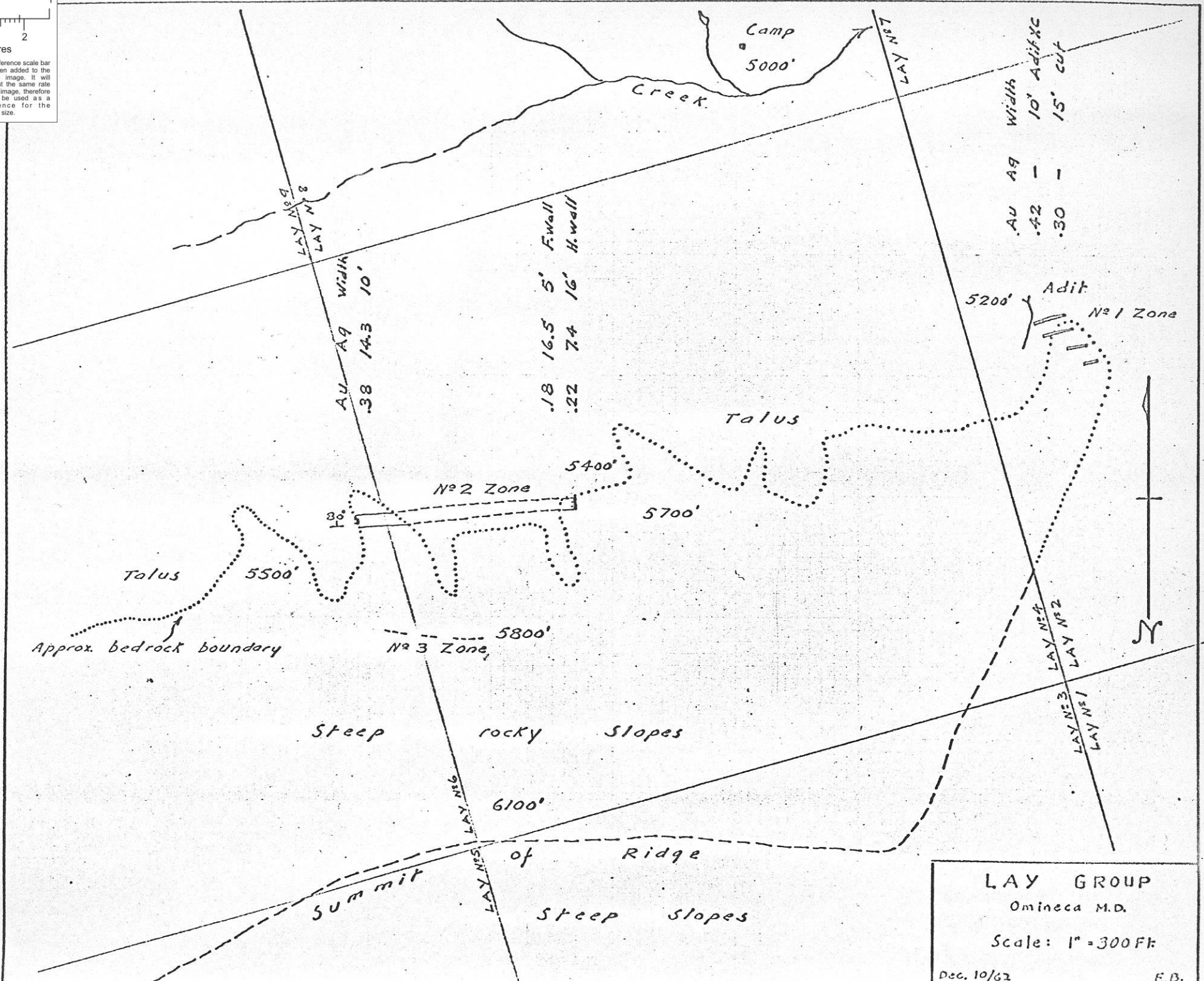
SUBJECT.....

DATE.....

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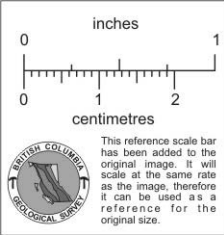


Width	10'	AditXC
A9	-	-
AU	.42	.30

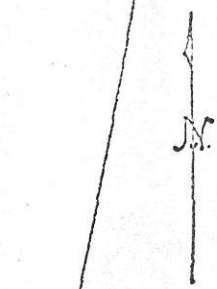
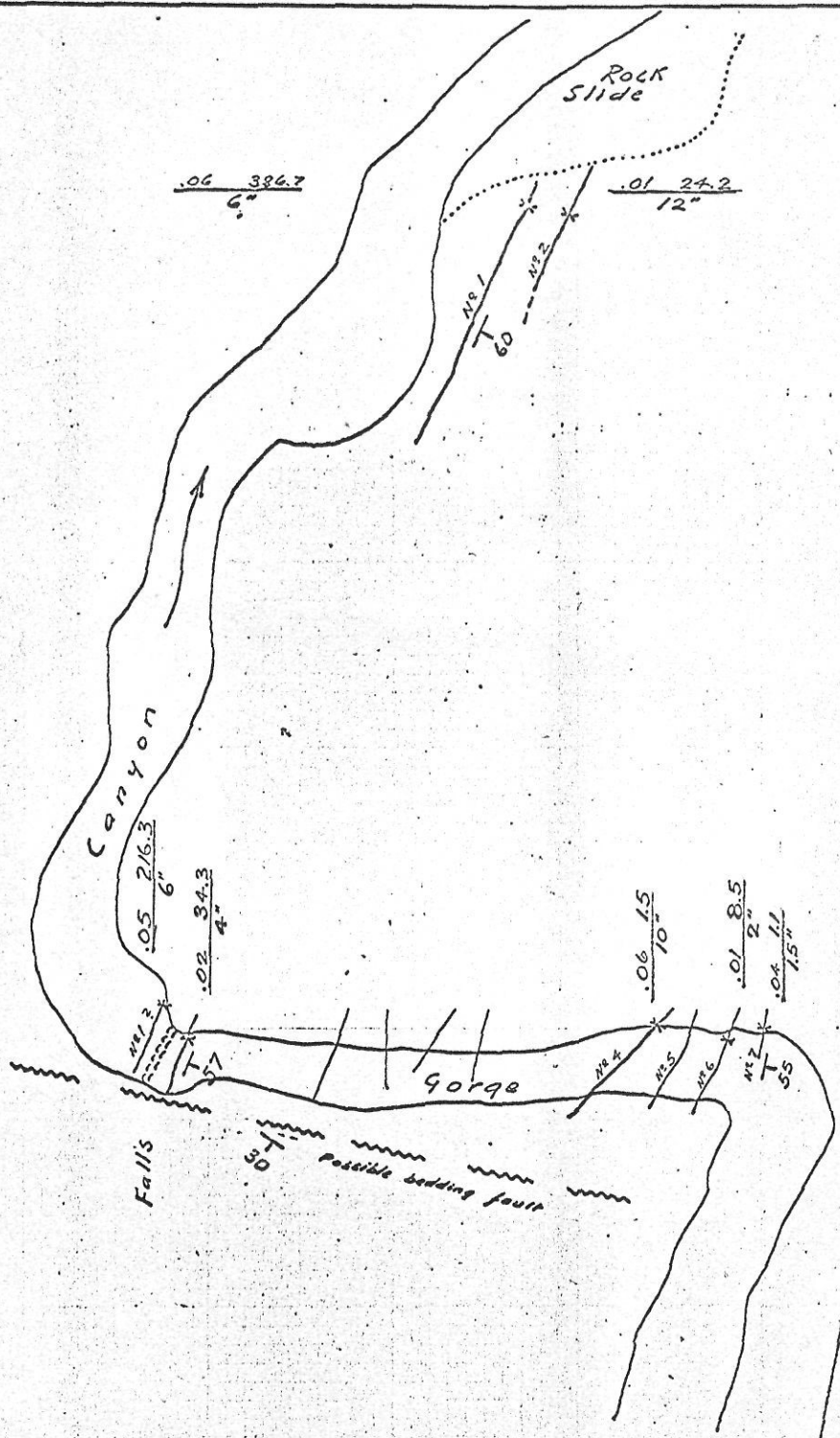
Width 10'
A9 14.3
AU .38

5' F.wall
16' H.wall
18
.22

LAY GROUP
Omineca M.D.
Scale: 1" = 300 Ft
Dec. 10/62
E.B.



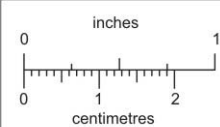
DATE _____ SUBJECT _____ SHEET NO. _____ OF _____
 BY _____ DATE _____ JOB NO. _____



JIM No 3
JIM No 4

Order of Assays: $\frac{AU, A9}{width}$

JIM GROUP
 Omineca M.D.
 Veins and Assays
 Scale: 1" = 40 Ft.
 Dec. 5/62 E.B.



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.



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NO.

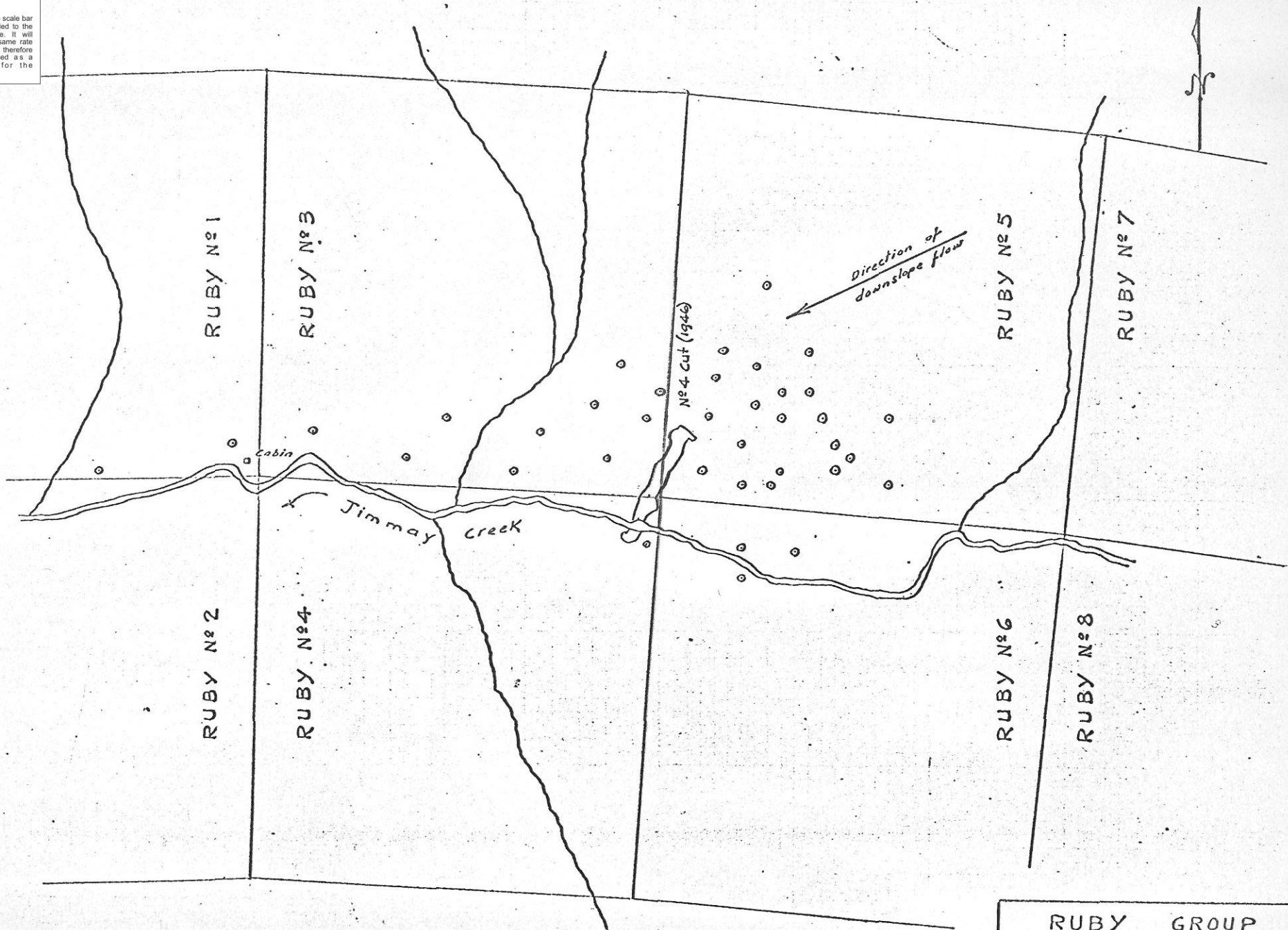
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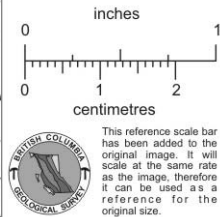
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Ore Float locations: ○

RUBY GROUP
 Omineca M. A.
 Float Pattern
 Scale: 1" = 500 Ft.
 Nov. 30/42 E.B.



VEIN ASSAYS

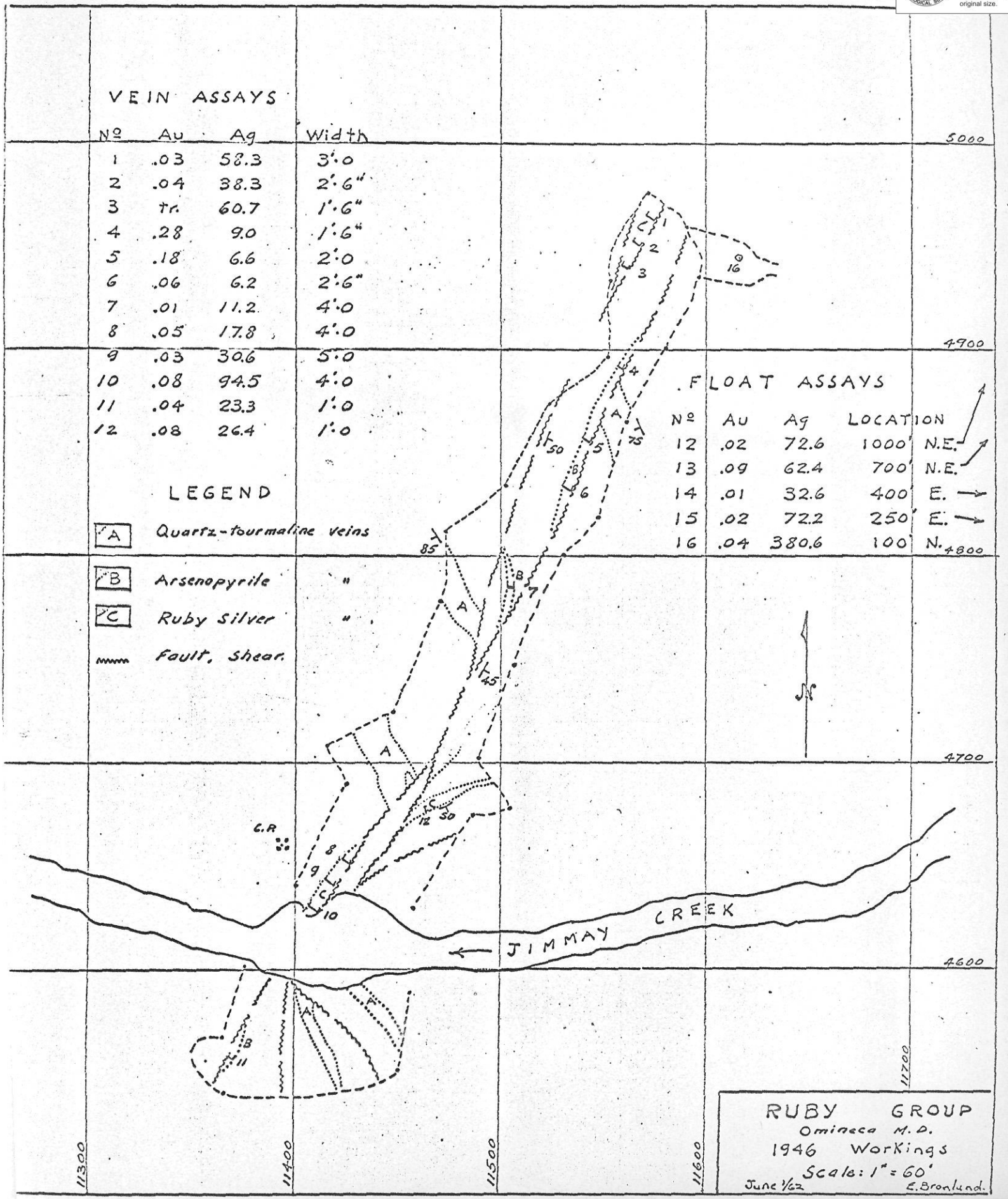
No	Au	Ag	Width
1	.03	58.3	3'0"
2	.04	38.3	2'6"
3	tr.	60.7	1'6"
4	.28	9.0	1'6"
5	.18	6.6	2'0"
6	.06	6.2	2'6"
7	.01	11.2	4'0"
8	.05	17.8	4'0"
9	.03	30.6	5'0"
10	.08	94.5	4'0"
11	.04	23.3	1'0"
12	.08	26.4	1'0"

LEGEND

- A Quartz-tourmaline veins
- B Arsenopyrite
- C Ruby Silver
- Fault, Shear.

FLLOAT ASSAYS

No	Au	Ag	LOCATION
12	.02	72.6	1000' N.E. ↗
13	.09	62.4	700' N.E. ↗
14	.01	32.6	400' E. →
15	.02	72.2	250' E. →
16	.04	380.6	100' N. ↑



RUBY GROUP
 Omineca M.D.
 1946 Workings
 Scale: 1" = 60'
 June 1/62 E. Bronlund.