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TO: W. M. SIROLA

FROM: J. C. LUND

Dec. 15/69

RE: ADAM THOMSON PROPERTY, AU GROUP OF CLAIMS,
FAIR HARBOUR, VANCOUVER ISLAND, B.C.

Between December 1st and December 6th, together with John Graham (prospector) and Adam Thomson (owner of the Au claims), I sampled along the mineralized fault in three different trenches on the Au claims. These trenches I have designated a) the main trench, b) the upper trench, and c) the lower trench (see fig. 1). In the main trench, six samples were taken. Method of sampling involved drilling with a Cobra drill and blasting off the surface rock. A second but lighter blast was used to shatter the rock wall to be sampled and this shattered rock was broken down onto a canvas and put into sacks. Fine material on the canvas was washed into the sample bag. Rock was sampled to a depth of about 4 to 6 inches. Large samples varied from #20 to #80. Two smaller samples were taken across the two main breaks.

The upper trench was blasted to fresh rock and a 10 lb. sample taken across the main two parallel faults as well as a small sample across a less prominent break, 30" to the east of the more easterly of the main faults.

The lower trench does not cut the main N20°E fault. Rocks exposed in this cut are well fractured in parallel northerly sets. Some of these fractures have dark chloritic slickensides. Many of

the fractures are filled with clay that has filtered down from the surface. In places clay filled fractures may be up to 1-foot wide. Two samples were taken here, one on a fault, the other from broken rock in the trench. Adam reports that he has crushed rock from the trench and panned free gold. Projecting the fault from the adit suggests the trench is displaced to the west by about 30 feet. This lower trench was extended eastward by 15 feet but we could not find the main break. To extend it another 15 feet required considerable powder, time and work.

Details of Sampling: (See Fig. 2 for location of samples)

1) Main Trench:

<u>S mple #</u>	<u>Width</u>	<u>Approx. Wt.</u>	<u>Au</u>	<u>Ag</u>
516	14" west side of fault	20#	0.61 oz	
517	14 - 44" west side of fault	35#	0.03 oz	
518	44" west side of fault	80#	0.02 oz	
520	6" fault material - main fault		0.13 oz	Tr.
521	6" - 30" west of main fault		Tr.	Tr.
522	30" east side of main fault	40#	0.005 oz	

2) Upper Trench:

519	21" across fault zone	10-15#	Tr	
523	1' taken 30" E of main fault zone		0.01	Tr.

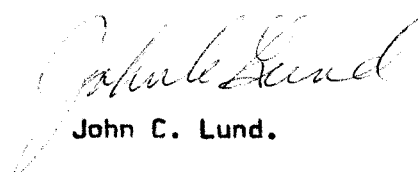
3) Lower Trench:

514	1' taken along northerly fault	Tr.	Tr.
515	picked sample from muck pile	Tr.	Tr.

General Comments & Conclusions:

Bulk sampling indicates: a) that gold values in the main trench are insufficient to support a 3-foot mining width, and b) values obtained in the main trench were not found in the upper trench 450 feet to the southwest. The lower trench is off strike of the main fault and samples taken may not be expected to respond favourably.

In view of the disappointing result from the bulk sampling, I recommend we take no further interest in the Au prospect and advise Mr. Thomson of this decision.



John C. Lund.

JCL/lk

Encl.

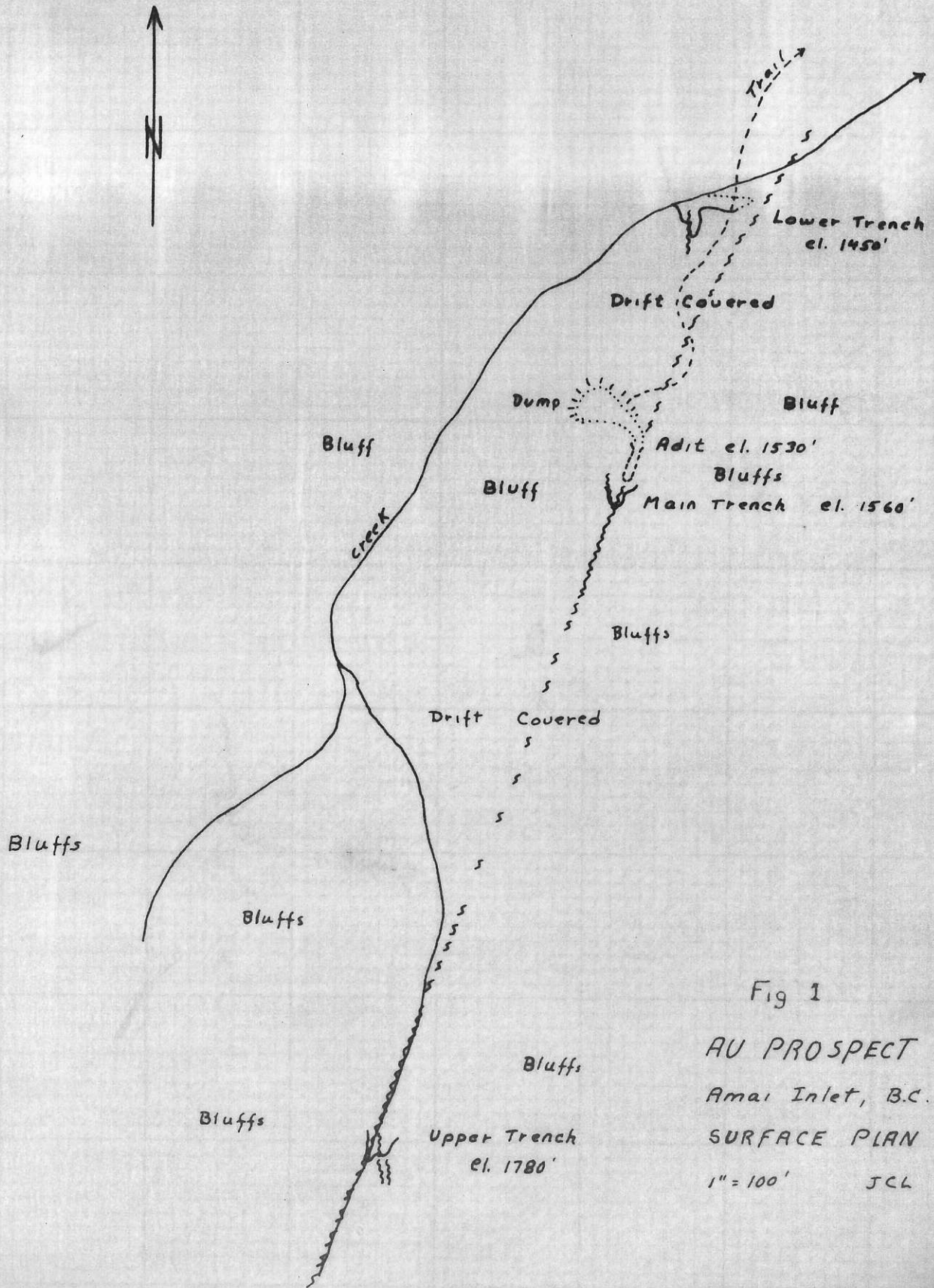
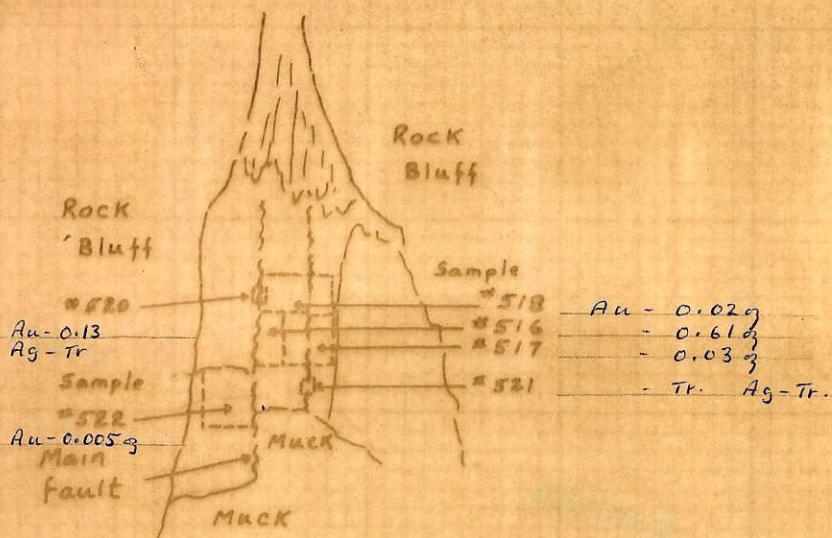


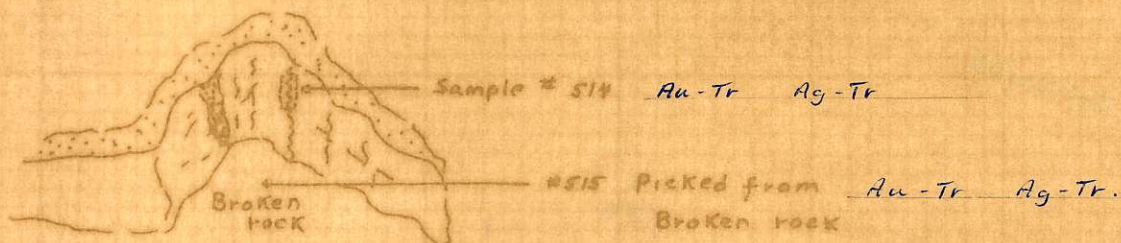
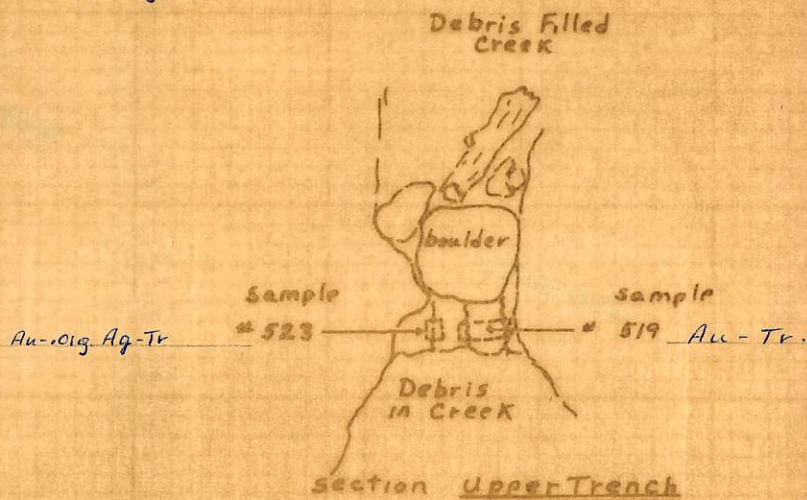
Fig 1
 AU PROSPECT
 Amai Inlet, B.C.
 SURFACE PLAN
 1" = 100' JCL



Section Main Trench
Showing Sampling
Pattern.

Scale 1" = 10'

Area Sampled



Section Lower Trench

Fig 2
AU PROSPECT
Amai Inlet, B.C.
Sampling Pattern

1" = 10'

JCL