

**TCHAIKAZAN EXPLORATION SERVICES LTD.**

P.O. BOX 41, TATLA LAKE, B.C. CANADA VOL 1V0 TEL: (604) 476-1104

managing the properties of **Ottarasko Mines Ltd.** Tel: 476-1180

092N 039

November 18, 1991

Mr. Larry D. Jones  
Senior Geologist  
Ministry of Energy, Mines  
and Petroleum Resources  
247 - 541 Superior Street  
Victoria, B.C.  
V8V1X4

Dear Larry,

I enclose an information package on ten showings which probably should be considered for inclusion in the Mineral Inventory File. These showings are all located on Ottarasko Mines' claims in map area 92N; since the Regional Geochemical Survey for 92N will be released next June, I imagine that you will be updating MINFILE for that area, so this would seem to be the right time to bring this stuff to your attention.

If you would like further details, hand samples or whatever before inclusion of any of these occurrences in the file, please let me know and I'll try to round up the required additional material.

Sincerely yours,



Louis M. Berniolles  
Ottarasko Mines Ltd.

LOG NO: 91126	84
ACTION:	
FILE NO:	

PROPOSED MINFILE ENTREES - MAP 92N

---

**General comments**

092N 0.39

Each entry indicates

- a) the name of the showing, discovery date
- b) description of outcrop and mineralization
- c) summary geology
- d) map area and claim name
- e) AR # if work was documented
- f) names of government or private industry geologists who visited the property

Seven of these showings are in a very specific geologic environment, ie. Rusmore's "Ottarasko Volcanics", described in Current Research Part E, G.S.C. Paper 88-1E, p. 185-190. These rocks had previously been mapped by H. W. Tipper (G.S.C. Paper 68-33) and Roddick & Tipper (G.S.C. Open File 1163).

---

**A) Champagne vein 1989**

- Sub-horizontal gold-bearing quartz vein, 150+ m strike length, 30 cm to 1 m wide. Best assay 24.1 gr/tonne Au across 30 cm. Gold is associated with arsenopyrite and minor zinc and cadmium values.

- located in Ottarasko volcanics above the Blackhorn Thrust fault system; a large dyke intrudes the volcanic package nearby.

- 92N/10E - claim HW3
- no published work
- Ron Wells (Placer Dome)

**B) Ridge showing 1990**

- Stockwork zone approximately 15 m x 75 m in outcrop. Float quartz blocks plucked and carried by two glaciers flowing from a ridge in the SE and SW directions indicate high grade values of gold associated with chalcopyrite and tellurium.

**I) Mt. Skinner: Victoria vein 1990**

092N 039

- Intrusive-hosted mesothermal gold vein system. Main showing: Victoria vein, strike length 110 m, open to the west and at depth. Best surface chip sample: 1.4 m of 1.69 oz/ton Au. Best drill intersect: 1 m of 1.82 oz/ton Au at depth of 32 m. Current indicated reserves 13,000 tons of .470 oz/ton Au. Two additional en-echelon veins in the system, 300 m and 600 m to the east of the Victoria.

- located in the eastern half of the Tatlayoko Intrusive, a few km to the SW of the Yalakom transcurrent fault.

- 92N/9W - SK3 claim

- AR21396

- T. Schroeter, R. Lane, R. Wells, J. Morin, D. Visagie, R. Kemp, G. Gill, D. Fleming.

**J) Mt. Skinner: Big Slide 1991**

- Gold vein system: sub-parallel, narrow, sheeted quartz veins in diorite stock. Best assay 55 gr/tonne Au across 15 cm. At least 12 veins in the system, outcropping over several hectares.

- located in the eastern section of the Tatlayoko Intrusive, just SW of the Yalakom fault.

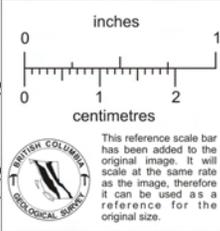
- 92N/9W - SKINNER 2 claim

- AR filed, number not assigned yet

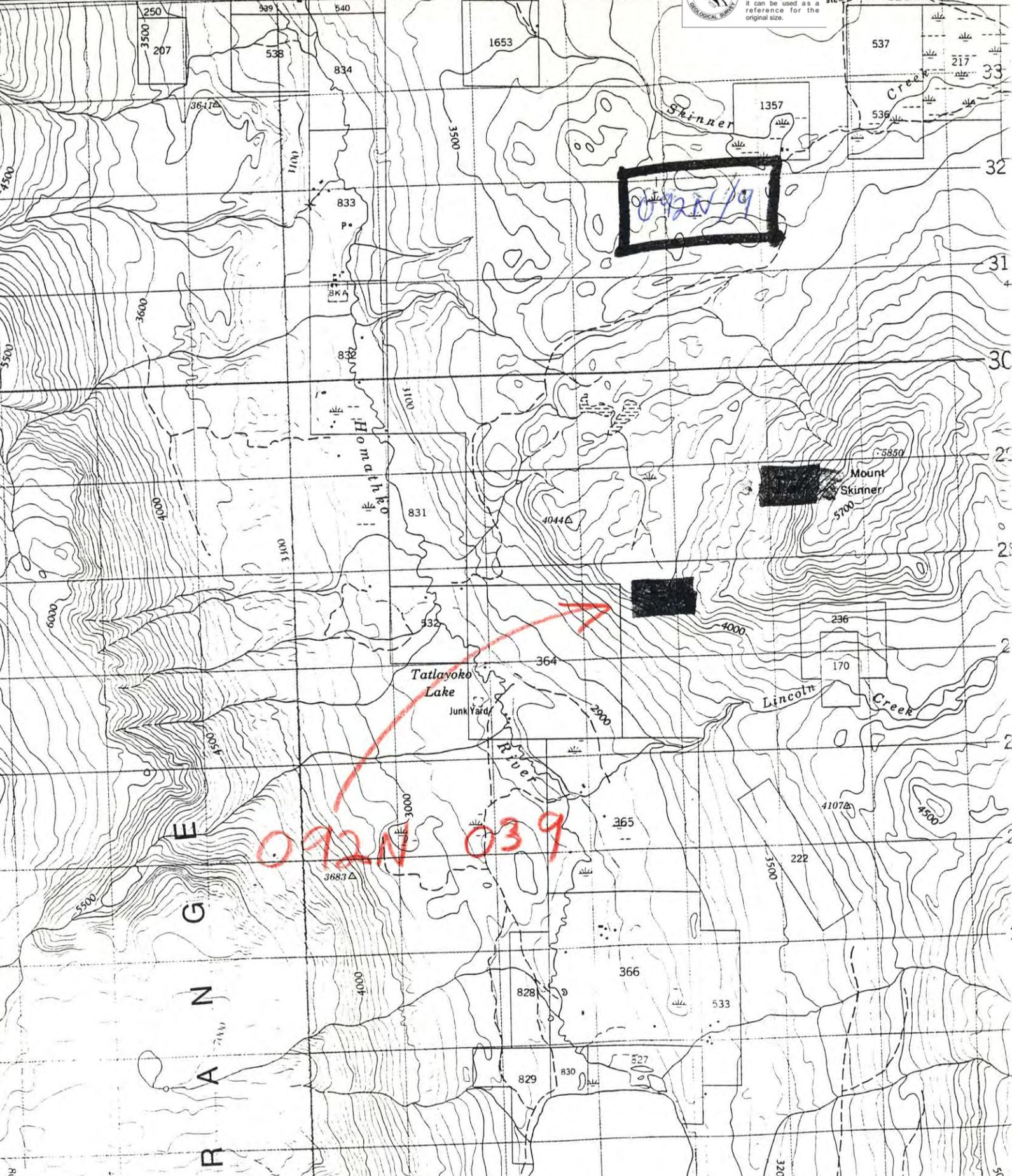
- no visit

1:50 000

Tatlayoko Lake 22 km



00m. E. 98 99 400 01 02 25' 03 04 06 07



092N/9

Mount Skinner

Lincoln Creek

Tatlayoko Lake

Junk Yard

River

092N 039

E  
G  
N  
R  
A  
N

November 27, 1991

Louis M. Berniolles  
Ottarasko Mines Ltd.  
c/o Tchaikazan Exploration Services Ltd.  
PO Box 41  
Tatla Lake, B.C.  
VOL 1V0

Dear Mr. Berniolles:

Re: Ten showings - Map Area 92N

Thank you for your information package covering ten showings on map area 92N.

This map sheet area is currently being updated by Chris Rees. I have forwarded your information to him for incorporation into our MINFILE database.

Upon completion of coding by Chris Rees, we would like to forward copies of these occurrences for your review. The MINFILE team appreciates your contributions to the project and we look forward to your comments. Thank you again.

Yours truly,

L. Jones  
Senior Geologist  
MINFILE

LD/ld