

Northern Lights  
886187

TBS → Northern  
Lights

**Schroeter, Tom EM:EX**

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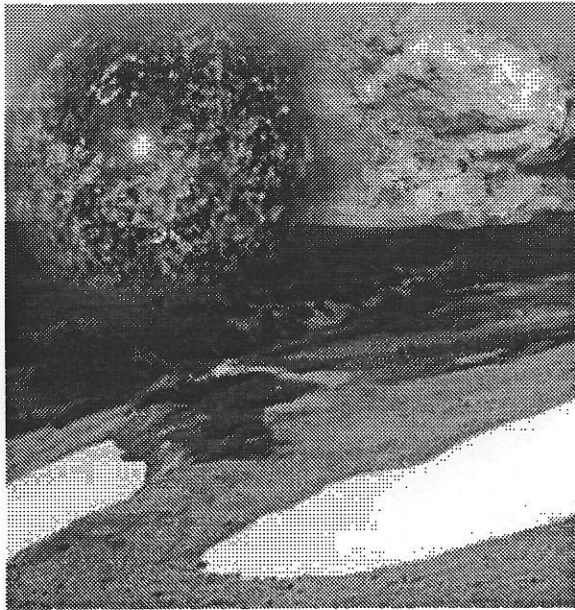
**From:** Randy Lord[SMTP:randylord@home.com]  
**Sent:** Sunday, February 27, 2000 10:07 PM  
**To:** Schroeter, Tom EM:EX  
**Subject:** Whitesail opal update

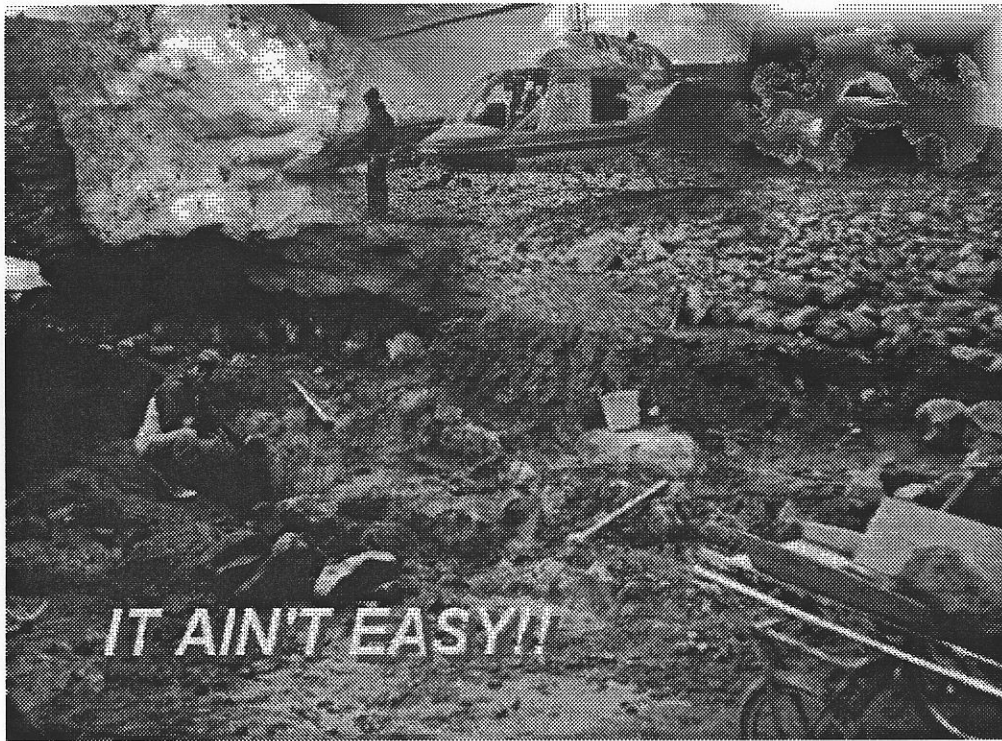
Howdy Tom

Just returned from 2 weeks of Tucson sunshine and growing webbed feet again. Our stabilized material was well recieved there and appears to be unique and desirable. The articles I forwarded awhile back are now on the net/in print and getting a good response. Put up a website at:  
[whitesailopal.com](http://whitesailopal.com)

Have a look, many photos and info that has been well recieved. Preparing to put up a special display at the BC Rock and Gem show March 31 in Abbotsford. The attached images are from a pal. A precious opal property we visited in southern Arizona for 3 days was good reminder of how nice we have it here, even if it rains a lot.

Cheers,  
Randy





TGS → Reg. M  
- Smithers

Schroeter, Tom EM:EX

**From:** Bergen, Wally EM:EX  
**Sent:** Friday, September 18, 1998 12:22 PM  
**To:** Beswick, Ed; Booth, Richard; Braidwood, Brian; Burchett, Esther; Carter, Tom; Cheetham, Pat; Daniel, Catherine; Ennis, Sandra; Errington, John; Finvers, Maija; Flynn, Doug; German, Gerald; Good, Bryan; Graff, Bruce; Hall, Ted; Hanson, Daryl; Hermann, Fred; Hesketh, Joan; Hoffman, Al; Kenschuh, Elaine; Malott, Mary Lou; Marsman, Talitha; McKillop, Greg; McLaren, Graeme; Meyers, Rick; Pardoe, Jill; Phelan, Bill; Price, Bill; Robertson, Sheila; Ross, Paul; Schroeter, Tom; Starkes, Terri; Stewart, Gregg; Stewart, Linda; Van Zalingen, Sylvia; Whale, Andrew; Wojdak, Paul  
**Subject:** NW Region Weekly Report to September 18, 1998

**MINES**

On Sunday, August 30 there was a failure in the backfill at Eskay Creek. Failure was attributed to poor quality fill placed in January of this year. There were no injuries or equipment damage. This is under investigation since stable backfill is key to the mines operation.

The Taku River Tlinglet First Nation has temporarily withdrawn from discussions regarding consultation and permitting of the Tulsequah Chief access road and mine permitting. The TRTFN representatives indicated that they need to have a full clan meeting to discuss the status of negotiations and to determine if and how to proceed.

The Silvertip EA review is commencing with a meeting to review the application a information needs scheduled for Smithers next week. Paul Wojdak has agree to help steer the project through the next stage by ensuring that all comments are in to the EAO in a timely fashion. Your assistance in providing any material to Paul in a timely manner would be appreciated.

**EXPLORATION**

PAP recipient Bruce Holden is hand quarrying precious opal to use as test marketing with opal carvers, buyers, etc. The opal is excellent quality with little tendency to "craze". The PAP program has made the difference in keeping this program going.

Exploration drilling of the Grizzly zone at Golden Bear has been completed. Results to be evaluated. Preparation for mining the Ursa zone is complete and gives financial momentum for next year. Mining of the Kodiak pit is going well. Detoxification of the heap leach has started. About 35,000 ounces of ore has been loaded onto the pad in preparation for next years leaching operation.

"Alteration - Guide to ore+" course given by Smithers Exploration Group drew 21 participants with an equal mix of prospectors and geologists. Field trip to Huckleberry also well attended. The follow-up golf tournament had 68 players with 98 attendees at the annual banquet. Although numbers were down slightly, seems to have been well received. Special thanks to Smithers MEM staff who helped to make the event a success.

**LAND USE PLANNING**

Considerable discussion regarding the rate of progress and presentation of a mines perspective in the Cassiar Iskut/Stikine LRMP. Discussions to be held in coming week to seek to resolve concerns with Victoria MEM staff, LUCO, table coordinator and regional staff.

**ADMINISTRATION**

Nancy Bachaund and Rod Johnston have been in region updating our computers and software. When they leave we hope to be humming right along. Thanks of the ongoing help and problem solving!

Northern Lights  
OPAL

## Schroeter, Tom EM:EX

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**From:** Wojdak, Paul EI:A1  
**Sent:** Wednesday, August 26, 1998 10:05 AM  
**To:** Flynn, Doug EM:A1; Bergen, Wally EM:EX  
**Cc:** lefebure@mp.gsb.empr.gov.bc.ca; Anderson, Duane EM:EX; Lane, Bob A EI:A1; Cathro, Mike EI:A1; Pinsent, Robert EM:EX; Schroeter, Tom EM:EX  
**Subject:** Weekly Report, Aug 28

Golden Bear update: Mining of the Kodiak pit is going well. Mining will be completed for the season and detoxification will start about Sept 7. Stripping of the Ursa zone will allow mining in 1999 to begin in ore. About 30,000 oz of gold is loaded on the leach pad now, the expected total is 35,000 oz. Exploration drilling on the Grizzly zone is going slower than expected. This is a deep hole with directional drilling and then wedging for a second or third cut at the zone. The hole has not reached target yet.

Visited PAP recipient Bruce Holden at his Northern Lights precious opal prospect in the Whitesail Range 90 km south of Houston. Georges Simandl (GSB gemstone/industrial mineral specialist) was there too. Precious opal occurs as matrix filling in Ootsa Lake lahar and as vesicle filling in flows. Excellent quality opal, with little tendency to "craze" (disintegration- a common problem with precious opal) has been found and test marketing with opal carvers, buyers etc. has been positive. The objective is to bring out enough material for a serious sales program. All work is being done by hand. The PAP grant is making a big difference to this shoe-string budget program which aims to put B.C. on the world map for precious opal.

Del Santo drilling is completed (4 holes) and I re-visited the property. Three of the holes did not intersect sulphides-magnetite-chert such as in the trenches, implying structural complexity. One possibility, after seeing an isoclinal fold closure, is that the trenches represent a plunging synclinal keel. Some possible felsic volcanics found near trenches and short interval of rhyolite in the core.

Examined RDN property near BobQuinn with Dave Caulfield (Equity Engineering) and Georgina Price (consultant). The Equity team aims to become a publicly traded company (Rimfire) using this property as its principal asset. Georgina will write a VSE qualifying report. RDN comprises Eskay Creek correlative stratigraphy with a large sea-floor epithermal vent exposed over a 50 x 200 m area. The vent area is a chalcedonic quartz-marcasite-pyrobitumen stockwork cutting K-spar altered dacite(?) which shows excellent reaction features with adjoining limy siltstone (ie pepperite). Rare baby belemnite fossils are have coronas of radiating marcasite!! (obviously died from acute sulphide overdose) The best geochem signature (200 gm Ag, base metals to 1000 ppm) is developed in a weaker stockwork nearby. Vent material is present in overlying sediments (a thin unit) and then capped by pillow basalt. One mudstone bed in the basalt contains 1100 ppb Hg. Along