

**J.C. STEPHEN EXPLORATIONS LTD.**  
**746 Regal Crescent, North Vancouver, B.C. V7K 2X8**  
**Phone + Fax 604 988 1545**

**MEMO # 3 October 18, 2003**

**KWANIKA CREEK AREA (SALT GROUP) NTS 93N-11W**  
**GEOLOGY AND AEROMAGNETICS**

**Introduction :-**

N.B.C. Syndicate, managed by Bacon & Crowhurst Ltd., operated in the Omenica from 1968 to 1970. L.U.C. Syndicate, under the same management, operated in the same area, plus the Babine Lake area, during the period 1971 to 1973.

On Twin Creek, north of Kwanika Creek, NBC Syndicate staked the 'Twin' claim group. A significant pyritic gossan occurs south of the headwaters of Twin Creek. Copper mineralization was found in volcanics north of the headwaters of Twin Creek and the property was optioned, for a short time, to Falconbridge. A small amount of diamond drilling was carried out.

Later operators carried out exploration on these showings and located a significant gold showing lower down along Twin Creek. Twin Creek has a history of small placer gold recovery.

Prospecting within the Hogen Batholith, northwest of the Twin Group, was done by LUC Syndicate in 1971. Anomalous values for copper were encountered although no substantial mineral showing was located. Some check prospecting, done during 1972, failed to improve the picture.

None of the syndicate programs carried out geochemical surveys or analysis capable of detecting gold. The altered and fractured nature of the rocks in the 'Salt' Group area has stuck in my mind as worthy of more detailed prospecting and geochemical investigation.

As shown on the 1 inch : ½ mile map 93N/11W, the anomalous area far exceeds the area of the small 'Salt' claim group.

**Data Provided with this Memo :-**

~~Photocopy of~~ Page 5 of the LUC Syndicate report for 1971.

1" : ½ mile print of topographic map 93N/11W, with geological and geochemical prospecting results.

BCDM Publication and Map No. 19 "Geology of Germansen Lake Area" by H.D. Meade  
 May 1975.

Photocopy of "Geological Fieldwork 1990, Paper 1991 - 1, "Regional Geological Mapping near the Mount Milligan Copper - Gold Deposit" (93K/16, 93N/1)

G.S.C. Geological Maps 1 inch : 4 miles;  
TAKLA Map 844A and MANSON CREEK Map 876A

Aeromagnetic Map 7228G; 1" : 4 miles; Manson River 93N

Map 5247G, 1" : 1 mile; Kwanika 93 N/11

Air Photos BC 2056 88, 90. Only have every second photo.

BC 2059 4, to 10, 40 to 46

And --- For Your Files (I have two copies)

LUC Syndicate, Burn Group Geology - 1975 by J.W. Mustard

**Comments :**

This is my only copy of air mag map 93N/11 and it is terrible in the area of interest. I have numerous copies of all the surrounding maps. Sorry for the lack of quality.

There is little I can add in the way of data for this area. After all these years the 'Salt' claim group sticks in my mind as not having been thoroughly prospected in view of the widely scattered anomalous copper results and the potential for gold as evidenced by gold values to the southeast on Twin Creek.

The observation, noted on page 5 of the 1971 report, "*by addition of pink feldspar ..... similar to the Duckling Creek area.*" may be worthy of note.

The text of reports submitted by Bacon & Crowhurst was exceedingly brief. I am not ~~aware of~~ any more detailed data on hand at the present time.

Regards,