

680350

TO VICTOR JONES

Sept. 28, 1995

FROM BERT REEVE

Memo to : Bert Reeve
From: Alvin Jackson

4 PAGES.

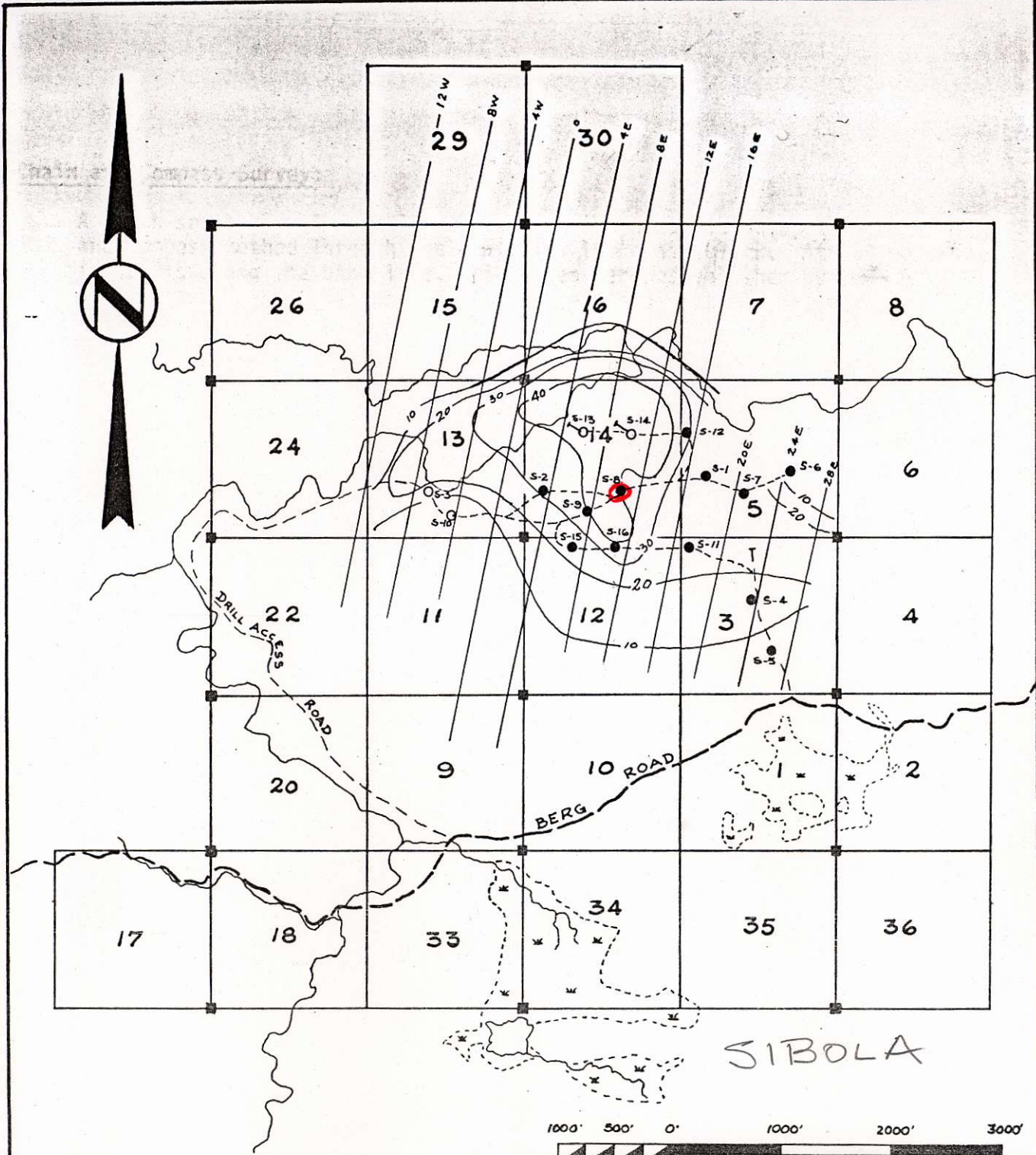
Re: Sibola and Twinkle Lake Copper Properties

As requested, I have reviewed the data provided on both of the above properties. Previous work by HBOG in the 1970's indicated porphyry style copper mineralization on both properties, with the best drill hole intersection being hole # S - 8. This hole was on the Sibola property, also known as the Sylvania prospect. The hole averaged 3350 ppm Cu and 206 ppm Mo over 207 feet from bedrock surface. It was located towards the south end of the strongest portion of the I.P. chargeability anomaly. Two holes were later attempted to the north within the stronger part of the anomaly but were lost in overburden at 70 feet. The mineralization intersected in S - 8 remains open to the north - northwest. Although it is also potentially open to the east, holes S - 1 and S - 11 restrict the potential somewhat, being 200 metres apart and returning values in the 300 - 450 ppm Cu range. The contact area of the intrusive is of interest further to the east however, as indicated by the rock sample of 4159 ppm Cu from an outcrop along the creek.

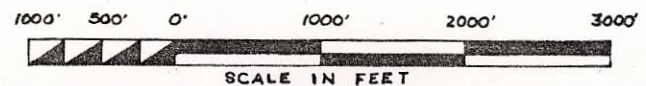
In order to evaluate the overall system it would be preferable to complete a limited amount of I.P. surveying before conducting further drilling. This could be done on relatively widely spaced lines, with most at 500 metre intervals. This would involve approximately 7- 8 line km. of surveying. Upon completion of this survey three or four drill sites would be selected which would test the potential of the system. If the I.P. survey is impractical due to time constraints, I would recommend drilling the chargeability anomaly outlined by HBOG north of S - 8 between the attempted holes S - 13 and S - 14. I would also recommend a hole towards the centre of the arcuate target outlined by Kingsvale and another towards the east end, near the creek.

Work to date on the Twinkle Lake property has indicated the presence of a low grade porphyry system which appears to be rather limited in potential size. Although there is an indication of a central potassic core area which has not been drilled, the zone has been bracketed on three sides, with generally low values in those holes. It may represent a somewhat deeper porphyry target however, as evidenced by the "bullseye" I.P. anomaly and the overall alteration package. I would rate the target as a lower priority, but it may warrant a single drill hole to test the centre of the "potassic" core. This should be at least 150 metres deep.





- S-2 Vertical percussion drill hole
- Claim post
- S-10 Vertical percussion drill hole in overburden
- - - Drill access road
- Proposed diamond drill hole
- 20
4W Chargeability contour in mv/volt
- /// Flagged grid for I.P. survey



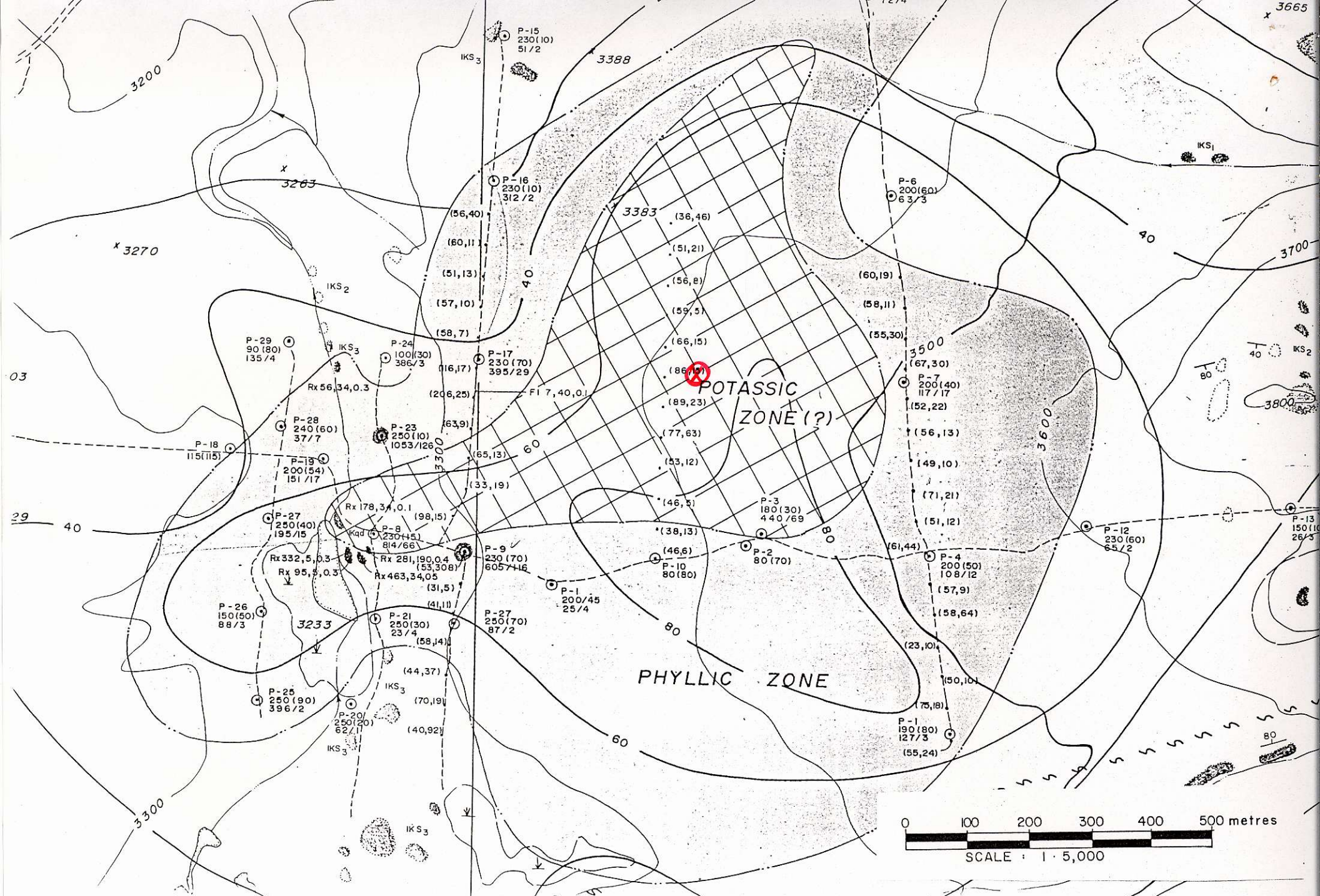
Hudson's Bay Oil and Gas Company Limited
 MINERALS EXPLORATION
 VANCOUVER BRITISH COLUMBIA

TAHTSA PROJECT
 SYLVIA CLAIMS

**INDUCED POLARIZATION
 CHARGEABILITY CONTOUR MAP**

MAP	DATE	BY	SCALE	N.T.S.
Fig. 15	Nov. '75	JMSB	1" = 1/4 mile	93E/14

-to accompany 1978 Budget Proposal-
 VANCAL



TWINKLE LAKE