Note: Ph. convers w R.J.T. on March 21/66 - he notes Ike, Bern suggest A.C. Skerl look over work to date on Roscoe Lake from point of view of his gen. experience in Hyld Vally (Bornex, Skeena, Northlode, T.C. Explor., etc)

Note J. W. notes Phil [illegible] + leave org'n + work of electrode crew to others.

March 16, 1966

801518

President and Directors
Stellako Mining Co. Ltd. (N.P.L.)
716 - 602 West Hastings Street
Vancouver 2, B.C.

Attention: Mr. J.R. Trepanier
Managing Director

Noranda start prodn w start DDH #1 on Sept 21/65

* SUMMARY REPORT

Roscoe Lake Exploration Program
Highland Valley Area, B.C.

Gentlemen:

SUMMARY and RECOMMENDATIONS

Exploration to date has indicated a low-grade but fairly extensive zone of mineralization (DDH's S-16, S-5, S-13, S-14) between sections 6 + 00S and 12 + 00S of the central zone and over widths of approximately 200 feet. Drilling below the high-grade discovery section on the central zone indicated a maximum depth extent of roughly 100 feet.

(margin: south central zone) (margin: Work this year on part of central zone ab. 7<10% of whole strike length)

Diamond drilling of the 4-S, westerly and ON - easterly I.P. anomalies has encountered only minor mineralization, in insufficient amounts to substantiate the target anomalies. To date coordinated trenching and diamond drilling have been relatively more successful than other exploration techniques employed.

(margin: Complete uncovering by 'dozer stripping etc.)

As only a small fraction of the property has been adequately tested , recommendations for future exploration include:

1.	Extended soil-sample surveys + prospecting for float occurrences	$ 1,500
2.	Follow-up I.P. surveys over potential areas disclosed by Item 1 - partic w Pres group for [illegible]	3,000
3.	Bulldozer stripping of concurrently-anomalous areas indicated by Items 1 and 2, with geological mapping and surface sampling ...	7,500
4.	Follow-up diamond drilling within proved or markedly potential zones of mineralization	40,000
	Estimated total cost, or provision ...	$52,000

PRELIMINARY REMARKS

The preliminary examination of the property was made during May 31 - June 1, 1965. This disclosed a notable concentration of relatively fresh and weathered chalcopyrite - bornite bearing siliceous float. The typically sharp or angular shapes of most fragments suggested a local bedrock source of considerable extent. Stellako Mining Co. Ltd. quickly optioned the Yubet group, commenced bulldozer stripping and trenching within the initial prospect zone on Yubet #7 M.C., and exposed a 200' x 50' surface section of high-grade copper mineralization during the first half of June. With this negotiations for the acquisition of ground surrounding the 8-claim Yubet group were commenced. The consolidated property consists of 98 claims and fractions.

By September 6th, the new Skuhun Creek access road, preliminary camp construction and drill core facilities were completed. Continued bulldozer stripping had exposed the central zone of alteration - mineralization over a N-S length of 1400 feet. Diamond drilling — commencing with DDH #S-1 of the high-grade discovery zone, started on September 7, 1965. Noranda Exploration Co. Ltd.'s participation in the proposed general exploration program commenced at this time. Exploration results are summarized in the following sections.

Exploration Control Grid:

E - W cross-lines at 400-foot reconnaissance spacing and locally 200-foot detail spacing, cover a N - S strike - length of 11,200 feet and E - W width of 3000 feet to, locally, 8000 feet. This basic grid covers less than one-half of the Stellako property. Exploration to date has been accomplished over about one-half of the total grid. - and most of this on a reconn. basis only

Soil Sampling:

This covers an area of the grid bounded by the 0 - W to 30W and 20E lines from 8-N to 24-S, and the 20-E grid from 24-N to 44-N. In addition, previous reconnaissance sampling on drainage courses west of the 30-W base-line covered a 1600' by 3200' area. Four large geochemically-anomalous areas occur within the grid, and major anomalies occur within the westerly drainage area. Detailed soil sampling covers less than one-quarter of the existing grid.

Magnetometer Survey:

This was done over a small part of the total grid between 0-W, 30-W, and 20-E over grid lines 8-N to 2-S inclusive. A number of small negatively-anomalous areas were disclosed, but this phase of the general investigation was stopped because of increasingly adverse winter weather and the pressure of the concurrent I.P. and drilling programs.

Induced Polarization Surveys:

W. anom.

Under the first I.P. contract, terminating at the end of December, 9.54 and 1.34 miles of reconnaissance and detailed survey, respectively, were completed. Major anomalies roughly centering about 4-S, 26-W and 0-N, 12 E were indicated. In addition, two anomalies of intermediate importance, and several minor indications were suggested. Necessary check- and detail-work was hindered by generally inadequate I.P. equipment and organization.

The second contract, employing different personnel and equipment, was carried out during January - February, 1966. This phase of the investigation was efficiently conducted, producing superior definition of anomalous zones previously indicated. It covered 28,000 line-feet of reconnaissance, and 10,000 line-feet of detail survey — principally on checks and extensions of anomalies indicated on the first contract.

5½ mi 1.9 mi

DIAMOND DRILLING:

A total of 7910 feet of diamond drilling, on 23 holes, was done on two successive contracts — the former with BX -, and the latter with BQ wire-line equipment. The latter contract provided satisfactory progress and core-recovery. Core and sludge sampling of mineralized intervals was done on most holes — the latter being essential in poorly-coring sections. The following briefly summarizes appreciably-mineralized sections — assays for copper content only:

Hole #S-1; on Sec. 0+00N - central zone; 100' - 109' @ 0.26%; 160' - 190' @ 0.19%;

S-2; on Sec. 0+50S - central zone; 60' - 110' @ 1.44%; 110 - 160' @ 0.15%.

S-3; on Sec. 1+50S - central zone; 80' - 92' @ 0.87%.

S-4; on Sec. 2+00N - central zone; 130' - 200' @ 0.09%; 200' - 240' @ 0.12%; 240' - 249.5' @ 0.10%.

S-5; on Sec. 9+50S - central zone; 140' - 190' @ 0.27%; 280' - 290' @ 0.85%; 330' - 340' @ 1.06%; 340' - 400' @ 0.10%.

Hole #S-6; on Sec. 2+50S - central zone; 245' - 246' @ 0.36%, generally highly altered but barren.

S-7; on Sec. 0+50S - @ depth on central zone; barren, not sampled.

S-8; on 'preliminary' 0-N east I.P. anomaly; barren, not sampled.

S-9; on (preliminary' 4-S, 4-W I.P. anomaly; 16.5' - 30.0' @ 2.31%.

S-10; Sec. 3-N, central zone N. extension; 190' - 220' @ 0.07%.

S-11; Sec. 2+50S central zone; 120' - 130' @ 0.10%; 140' - 180' @ 0.10%.

S-12; Supplementary to S-8 @ 200' west; minor mineralization.

S-13; Sec. 11+00S - central zone; 30' - 60' @ 0.06%; 80' - 110' @ 0.09%; 110' - 140' @ 0.18%; 150' - 250' @ 0.35%; 250' - 300' @ 0.66%; 300' - 350' @ 0.27%; 350' - 400' @ 0.24%; 400' - 450' @ 0.19%.

S-14; Sec. 11+75S - central zone; 80' - 120' @ 0.19%; 130' - 160' @ 0.15%.

S-15; Sec. 7+50S - east edge central zone; 10' - 140' with minor (0.04%) copper only.

S-16; Sec. 6+50S, - central zone; 130' - 150' @ 0.08%; 150' - 170' @ 0.29%; 170' - 190' @ 0.07%; 190' - 230' @ 0.39%; 270' - 300' @ 0.16%; 380' - 390' @ 0.23%.

S-17; Sec. 3+00 N - central zone, supplementary to #S-10; 60' - 70' @ 0.07%; remainder trace mineralization only.

S-18; S-19; S-20 on 45 - West I.P. anomaly; minor copper sulphides and carbonates only — strong talc — chlorite — Kaolin alteration throughout.

S-21; Sec. 4+00S - central zone; several mineralized quartz veinlets and minor stockworks — assays pending.

S-22; Sec. 6S - 8S, west flank of central zone, minor mineralization reported — log and assays pending.

Respectfully submitted,

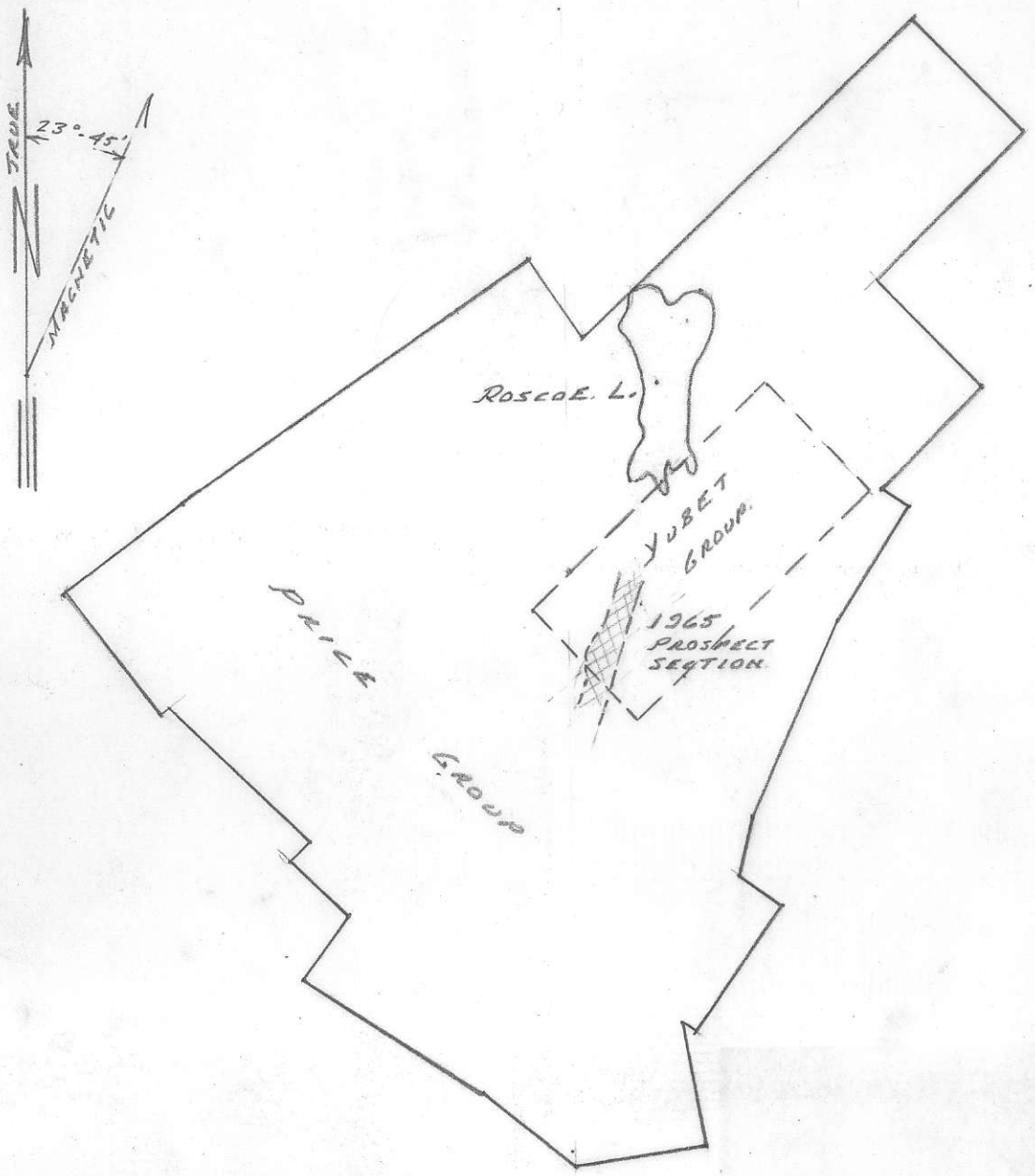
W.M. Sharp, P.Eng.

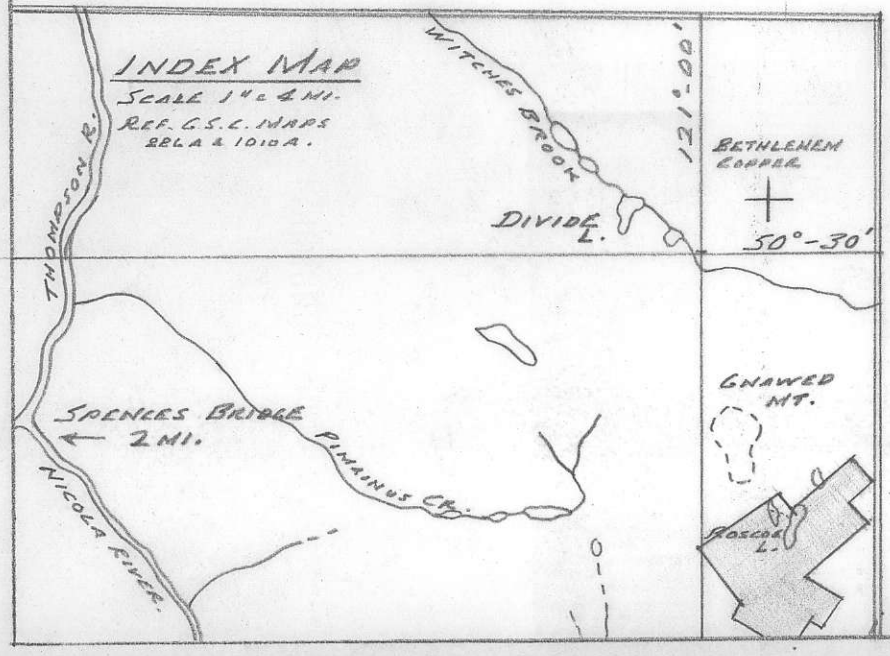
WMS/hb

Revised per March 16 Assay Report:

Hole #S-16; 20' - 30' @ 0.15%; 70' - 80' @ 0.13%;
100' - 150' @ 0.08%; 150' - 170' @ 0.29%;
170' - 188' @ 0.07%; 188' - 230' @ 0.65%;
230 - 260' @ 0.04%; 278 - 291' @ 0.13%;
330 - 340' @ 0.16%; 380 - 384' @ 0.20%.

S-21 40' - 60' @ 1.60%.





PROPERTY MAP

ROSCOE LAKE GROUP.

STELLAKO MINING CO. LTD.

SCALE 1" = 3/8 MI.

DRAWN. MARCH 16, 1966

REF. CLAIM MAP: 1" = 1/2 MI.

W.M.S.