

STELLAKO MINES PROPERTY

ROSCOE LAKE

PROGRESS REPORT TO NOVEMBER 19th, 1965

Mr. S. Coffey

801525

GEOLOGY MAP:

Geology map not completed. There are tentative ones for parts or all of the trenches. These are being plotted on the 50 scale base map of the trenches. The outcrop and float is being plotted on 1,000 scale.

DRILLING - PRESENT:

D. D. H. #8:

Three shifts are on the drill. The drill is at a depth of 285 feet, at this depth the drill should have intersected the anomaly, but to date there is no indication as to what caused the anomaly.

D. D. H. #9:

One shift is on the drill. Four feet of heavy chalcopryite in quartz from 17 to 21 feet. Two hundred feet of fresh Bethsaida followed, and at 275 feet, a 4 foot unmineralized shear zone was encountered. At present the drill is at 280 feet and will probably be stopped at 300 feet this afternoon.

DRILLING - PAST:

Mineralization in D. D. H. #2 directly below Pit #1 was not picked up in D. D. H. #7. D. D. H. #6 and #7 have been logged and forwarded to Toronto along with colored sections of D. D. H. #1 through #7.

ROCK TYPES:

Three rock types have been logged to the present time.

1. Bethsaida - and altered phases, gradational - *oldest*
2. Stellako - or metasomatic alteration of Bethsaida ✓
3. Aplite - Feldspar Porphyry - medium grained granitic phase (?).

There will undoubtedly be revisions and/or changes in the future.

BETHSAIDA - OLDEST:

Introduction of Stellako and alteration of Bethsaida and faulting.

Introduction of Aplite, and related phases and faulting.

Closing of previous fracture nets previous to mineralization (certain portions intricately fractured but compressed to a rigid structure).

Faulting, fracturing, introduction of quartz into fractures and faults and emplacement of bornite - chalcopyrite.

Chalcopyrite and bornite restricted to association with quartz except where locally disseminated, (e.g. D. D. H. S-2). 5-5 ?

I. P. SURVEY:

I. P. results to date consist of 4 lines approximately 5 miles with detailed I. P. being carried out on anomalous areas and over the mineralized showing (0 + 00). The contractor has been extremely slow with this survey. Equipment breakdowns have been excessive.

FUTURE DRILLING:

D. D. H. #S-10:

Approximate set up on the road 400 feet north of 0 + 00 close to base line drilling east, southeast. 578E e - 55°

SUMMARY:

The results from D. D. H. #7 point to a mineralized zone at shallow depth. No large tonnage of disseminated mineralization and adjacent to, or associated with, quartz veining has been noted.

NOTE:

Corrections and true locations of D. D. H. S-5 to S-9 from those on logs sent to Toronto.

<u>S-5:</u> N 19,048.2	<u>S-7:</u> N 19,897.7	<u>S-9:</u> N 19,600)	Approx.
E 19,603.5	E 19,799.0	E 19,600)	
<u>S-6:</u> N 19,751.3	<u>S-8:</u> N 20,021.6		
E 19,694.2	E 21,244.8		

Dr. Ken Germundson,
Jim Knauer,
November 19th, 1965.