

800802

SUMMARY, RECOMMENDATIONS and ESTIMATED COSTS

The Hope group, comprising one block of 11 contiguous claims, has been located to cover probable local strike and dip extensions of the known mineralized zone and possible similar parallel zones which may occur within the 6000 by 4500 foot claims area. The present group covers ground formerly comprising the original Iona, and subsequent Silver Plate - Silver Cup groups.

The Hope group is situated 34 miles N.N.W. of Terrace, B.C. in the Skeena Mining Division; locally it lies midway between Sand Lake and the north fork of the Cedar River. The property lies at an elevation of, roughly, 1250 feet; it is easily accessible via 39 miles of road -- including Highway 16 for four miles west of Terrace, and 35 miles northward along main and branch logging roads in the Celgar Forest Management area. Gentle topography and low relief comprise favourable factors relating to rapid exploration of the general property.

The present showings were originally staked in 1913. Since that time only a minor amount of exploratory work has been accomplished. A small tonnage of high-grade silver-lead-zinc shipping ore has accrued from earlier development work.

Mineralization occurs within a composite shear vein and breccia structure, presumably striking at about N 70° W, and dipping moderately to steeply southward. Exploratory work accomplished to date suggests that the structure and mineralization are best developed where it traverses brittle argillaceous bedding units, and weakens within softer, less friable tuff-graywacke sections. The quartz veins and intervening quartz-argillite breccia are variably mineralized by sphalerite, chalcopyrite, galena, and tetrahedrite. A representative sample of the shaft open cut mineralization, taken by G.S.C. examining personnel in 1953, assayed Au, 0.01 oz./ton; Ag, 28.14 oz./ton; Cu, 4.14 percent; Pb, 3.8 percent; Zn, 19.69 per cent.

The writer infers a fair geological potential for a moderate tonnage of good-grade milling ore within the Hope claim group, and submits the following recommendations for exploration of the ground:

Approved: W.M. Sharp, P. Eng.

Dec. 2, 1968

<u>Stage I</u>	Grid Preparation, 10 miles @ \$100	\$ 1,000
	Soil Sampling, 1 month, labour	1,200
	Geochemical analyses, Pb-Ag,	2,000
	Vehicle Operation, supplies	300
	General provision, extras and contingencies	<u>500</u>
	TOTAL, Stage I	<u>\$ 6,000</u>
<u>Stage II</u>	E.M. Survey, 10 miles @ \$150	\$ 1,500
	Stripping, Trenching, clean-up	5,000
	Provision for sampling, engineering	1,500
	Provision for extras and contingencies	<u>1,000</u>
	TOTAL, Stage II	<u>\$ 7,500</u>
<u>Stage III</u>	Diamond Drilling 2000 l.f. @ \$10	\$20,000
	Provision, extras and contingencies	<u>2,000</u>
	TOTAL, Stage III	<u>\$22,000</u>

Respectfully submitted,

W.M. Sharp, P.Eng.

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