

811234

TITLE: BUSTER LAKE PROSPECT
BOSS MOUNTAIN AREA, BRITISH COLUMBIA

ESTIMATED COST:

	Previously Approved A.F.E.'s	Total Expenditures to 12/31/70	Proposed Revision of A.F.E.	Revised Total Estimated Expenditures to 12/31/71
Acquisition	8,300	9,000	1,500	10,500
Salaries & Wages	8,850	4,100	- -	4,100
Surveying & Mapping	5,000	28,200	- -	28,200
Geophysics	19,400	13,200	- -	13,200
Geochemistry	12,780	14,500	- -	14,500
Outside Contract Services	17,800	7,200	- -	7,200
Drilling (Percussion)	50,000	- -	- -	- -
Excavation	5,000	1,200	- -	1,200
Assaying & Sampling	5,440	50	- -	50
Air Charter		700	- -	700
Travel	4,390	4,850	- -	4,850
Equipment		1,750	- -	1,750
Miscellaneous	2,390	1,350	500	1,850
	139,350	86,100	2,000	88,100

PROJECT DESCRIPTION:

The "J" claims adjoin and surround on three sides Noranda's Boss Mountain molybdenum mine property and extend northwest along the contact of the Takomkane Batholith with older volcanics. The prospect consists of 220 full and fractional claims, and is wholly owned by Cyprus. The mineralization at Boss Mountain Mine consists of molybdenite occurring along quartz-filled fractures in granodiorite country rock, intruded by a younger quartz monzonite plug known as the Boss Mountain stock.

Work carried out in 1969 on CMC's claims consisted of a reconnaissance geological mapping program and reconnaissance silt sampling with magnetic profiles along claim lines. During 1970, in addition to the completion of access roads, detailed silt sampling and grid soil sampling was carried out over the whole property. While not revealing any magnetic low features of the type associated with the Boss Mountain Stock, the survey aided the compilation of a geologic map; the area generally lacking outcrop. The staking of 13 new claims near the Noranda border secured all intervening ground.

Two molybdenum silt anomalies were sampled in more detail. The first of these situated near Buster Lake and remote from Boss Mountain Mine, proved spurious, and results could not be repeated. A second area adjacent to Noranda's claims showed up well in detailed silt and soil sampling, and may represent a separate smaller anomaly partly masked by a downhill dispersion anomaly from Boss Mountain complicated by the presence of side hill swamps forming local concentrations of molybdenum. Mercury values for two lines over this area showed highly anomalous values not directly associated with molybdenum highs.

WORK
PROGRAM:


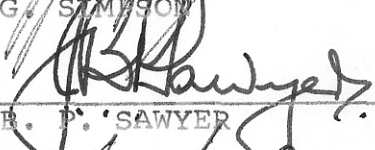
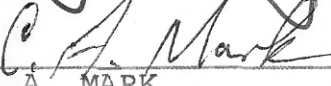

As a result of the 1970 work, three years' assessment can be filed on each of 88 claims covering the main area of interest adjacent to Boss Mountain Mine. It has been learned that Noranda will carry out step-out drilling from their known orebodies in 1971, and it is suggested that the previously proposed work program for 1971 which included profile auger testing of the sub-anomalous zone, tractor trenching and possibly rotary drilling to test bedrock be postponed until 1972. This will allow Cyprus to take advantage of any developments made by Noranda's work and allow concentration on more promising targets made available in 1971 by the present favourable climate for acquisition.

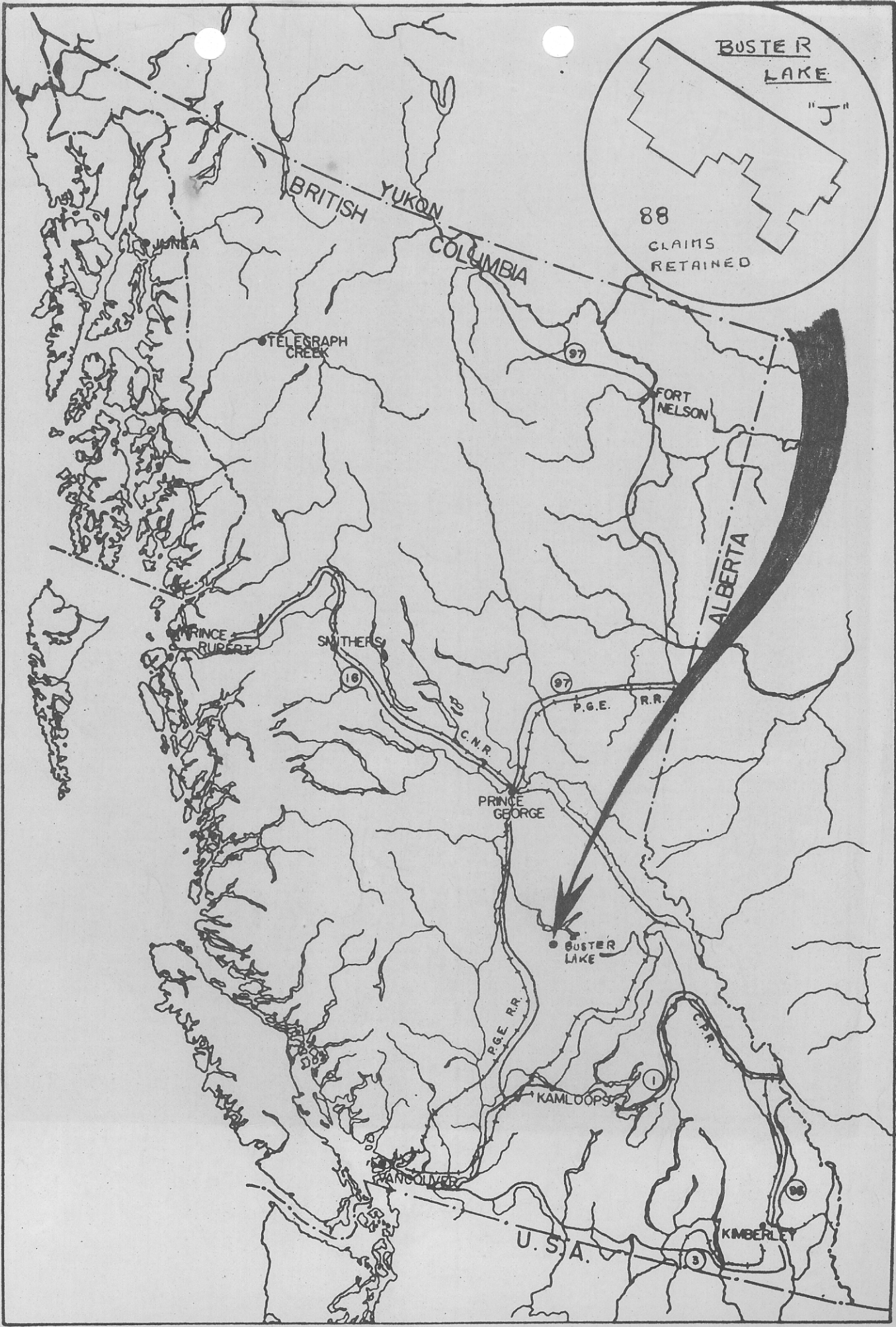
JUSTIFICATION:

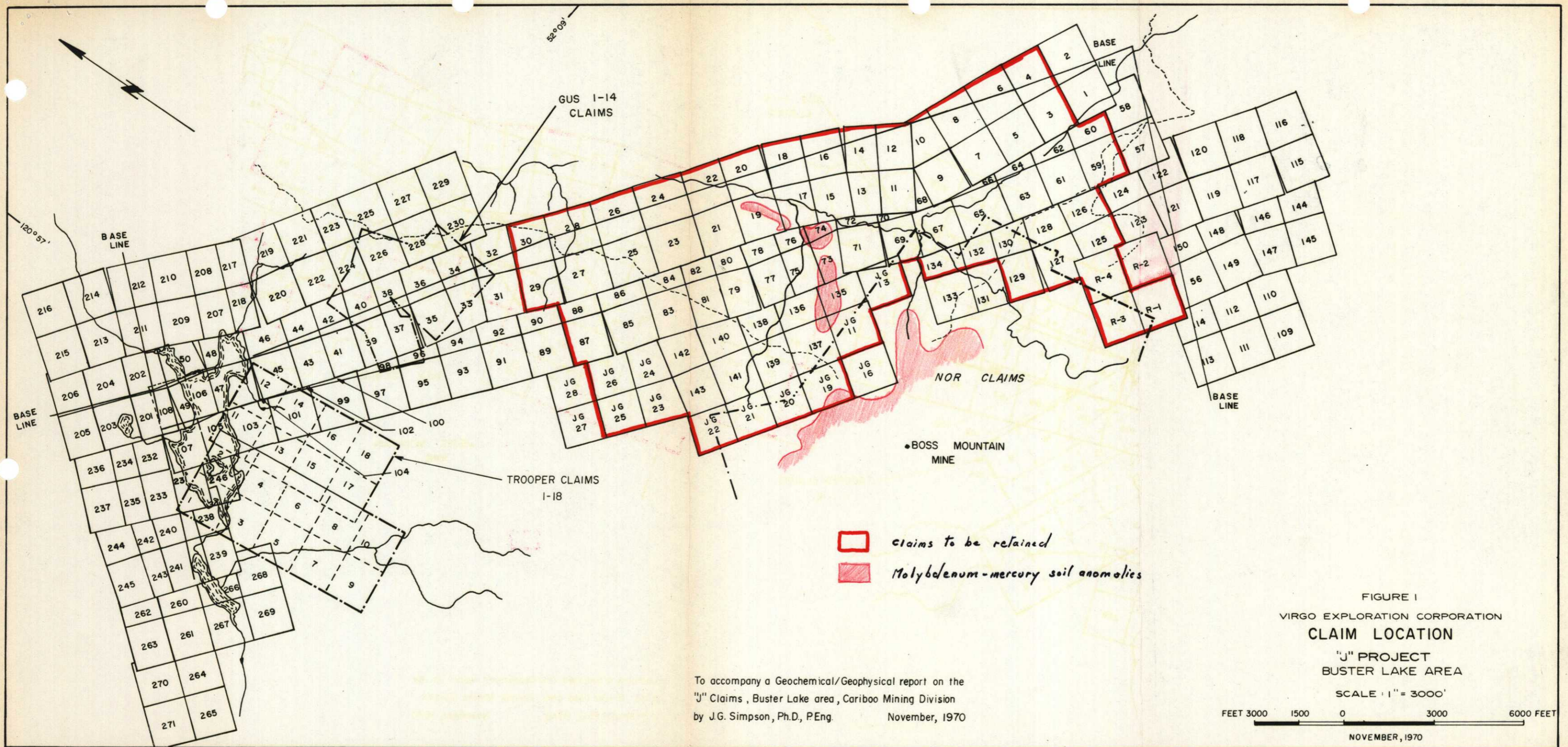
The results of work to date justifies retention of 88 claims on which further work might best be carried out during the 1972 season in view of developments on bordering mine property and the need for funds at other locations.

APPROVAL:

DATE:

 _____ J. G. SIMPSON	_____ 19 MAR 71
 _____ J. R. P. SAWYER	_____ 19.3.71.
 _____ C. A. MARK	_____ March 26 1971
 _____ J. G. HANSEN	_____ 4-1-71
_____ K. LIEBER	_____





GUS 1-14 CLAIMS

TROOPER CLAIMS 1-18

NOR CLAIMS

• BOSS MOUNTAIN MINE

- claims to be retained
- Molybdenum-mercury soil anomalies

To accompany a Geochemical/Geophysical report on the "J" Claims, Buster Lake area, Cariboo Mining Division by J.G. Simpson, Ph.D., PEng. November, 1970

FIGURE 1
 VIRGO EXPLORATION CORPORATION
 CLAIM LOCATION
 "J" PROJECT
 BUSTER LAKE AREA

SCALE: 1" = 3000'
 FEET 3000 1500 0 3000 6000 FEET
 NOVEMBER, 1970