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J.C. STEPHEN EXPLORATIONS LTD.

TARGET PROJECT

FIRST QUARTER REPORT

JANUARY 1 - MARCH 31, 1981

861811

April 10, 1981

J.C. STEPHEN EXPLORATIONS LTD.

1458 Rupert Street, North Vancouver, British Columbia V7J 1G1

(604) 988-1545

April 13, 1981

Mr. G.S.W. Bruce,
Dome Exploration (Canada) Ltd.
P.O. Box 270,
1 First Canadian Place,
Toronto, Ontario.
M5X 1H1

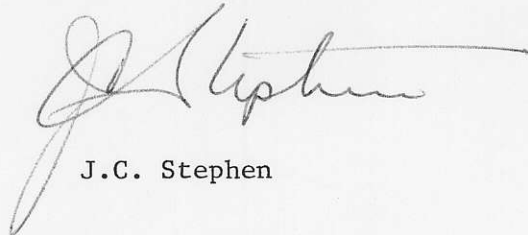
RE: TARGET PROJECT # 117

Dear Mr. Bruce,

The first quarter report is enclosed. It is quite brief as little research time has been spent on the project. An initial timetable and proposed budget distribution is included. Emphasis will be primarily on precious metals exploration.

Yours very truly,

J.C. Stephen Explorations Ltd.



J.C. Stephen

JCS/ms

Encl.

GSWB	LBH	DRS	EAP
PROJECT _____			
F	APR 22 1981		LE
<input type="checkbox"/>	PROPER Y		
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<input type="checkbox"/>	Y/NR		

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TARGET PROJECT

FIRST QUARTER REPORT

January 1 - March 31, 1981

J.C. STEPHEN EXPLORATIONS LTD.

April 6, 1981

TARGET PROJECT

FIRST QUARTER REPORT

The Annual Report covering 1980 operation of the Target Project was completed and submitted in early January 1981. Aspects of this program were discussed with G.S.W. Bruce and D.K. Watson on January 26.

It had been proposed that the main anomaly on SWAB Group be drilled early in 1981 but review of the Uranium Moratorium Regulation indicates that there would be a high risk of the operation being closed down if even isolated values of 0.05% U₃O₈ were encountered.

Request was made to transfer the \$19,000.00 allocated to SWAB to precious metals exploration.

PROGRAM BUDGET

The Target program, and distribution of budget for 1981 is as follows: -

<u>Operations</u>	<u>Budget Proposed in Annual Report</u>	<u>Budget Proposed at Present</u>
(1) Percussion drilling on SWAB	\$ 19,000.00	nil
(2) Detail mapping and rock geochemistry on BRAN 93F/14E for Ag Au	8,000.00	\$ 10,000.00
(3) Further prospecting SE and NW of BRAN group for Ag and Au	7,000.00	8,000.00
(4) Additional prospecting on the 340 ppb and 160 ppb Au kicks NE of Binta Lake	3,500.00	5,000.00
(5) Prospecting in the Ominicetla - Silver - Kwanika Creek area for Au	7,500.00	15,000.00
(6) Examination of HALO magnetic anomalies and reconnaissance of Wolverine Complex using logging roads.	5,000.00	5,000.00
(7) Investigation of developments in the Boulder Creek - Manson Creek area or for use on any area showing positive results		7,000.00
	<hr/>	<hr/>
Total Budget	\$ 50,000.00	\$ 50,000.00

BOULDER CREEK - MANSON CREEK

A claim group, the OPEC, has been staked in the Boulder Creek area 93N/9W, 10E by Amax. Exploration has been done here previously for molybdenum and placer gold operations have been conducted at various times on Boulder Creek. Panning has shown native copper and, reportedly, native silver. Cassiterite was reported in 1980.

On Granite Creek niobium and uranium minerals have been reported. It is proposed these occurrences be examined and some exploration be done for niobium and tantalum in this region.

A few references regarding these occurrences are provided together with portions of the geological maps.

TIMETABLE

Jean Pautler, Laurentian University 1980, who worked on our gold project last year, will be scheduled to start on BRAN group May 16 and will be joined by a new graduate from Queens together with three undergraduate assistants. Prospecting and sampling will be done primarily along the creek where silver bearing float was found in 1980. The general property geology will be mapped and prospected and some soil sampling done.

A crew of three, including Mike Hughes, who worked on D.C. Syndicate last year, will carry out additional sampling and prospecting on the anomalous sites north east of BINTA Lake starting about May 15.

Dave Ferguson (Target and D.C. Syndicate 1980), with a third year University of Toronto student, will prospect north west of

Anzus Lake on strike with the apparent shear zone on BRAN group starting May 15.

Scott Angus, who has fairly extensive prospecting experience, with a third year Queens student will commence prospecting in the Boulder Creek - Manson Creek area or in the Silver Creek - Vital Creek area depending on condition of access roads May 16.

These crews will attempt to get as much preliminary information as possible in the period May 15 to June 3. Stephen will work with these crews during this period. They will then be transferred to operations in northern B.C. and southern Yukon.

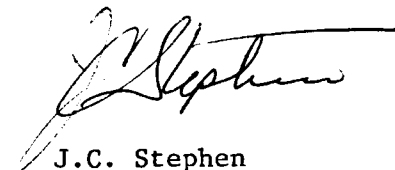
When geochemical results are available Stephen intends to spend a portion of his time examining anomalous areas before further prospecting is done.

A statement of expenditures incurred in the quarter follows this report. An invoice in the amount of \$20,000.00 was submitted at the end of March. Those funds will be used to commence the operations described above.

Chemex Labs have advised us that their storage facilities are being overtaxed and that they would like us to take delivery of substantial quantities of our older samples. Changes in sample preparation procedures requiring storage of larger quantities of sifted and or pulverized material has effectively doubled the space required to store a given number of geochemical samples. Since our practice had always been to store all the -40 mesh our samples have been particularly bulky.

We have advised them that we do not have adequate space available at present but that we will make some arrangement at the end of the season. Warehouse storage is renting at about \$4.00 per square foot in the vicinity.

Respectfully submitted,
J.C. Stephen Explorations Ltd.



J.C. Stephen

JCS/ms

LONNIE - 1954 - 8 claims on the SE side Granite Creek 1½ miles from the Ft. St. James-Manson Creek Rd. The niobium and uranium minerals are within a band of carbonate rocks flanked by hornblende gneiss of the Wolverine complex. Width of 50' indicated. Average assay of 5 specimens 0.60 niobium pentoxide.

1955 p.29 - Each trench from SW to NE exposes hornblende gneiss marble & syenite. Mineralization consists of niobium and uranium bearing minerals, ilmenorutile, columbite and uranium pyrochlore in a marble zone.

Niobium is present in the minerals ilmenorutile and columbite... very largely confined to the white syenite, or in pyrochlore which was observed only in the marble. Niobium content highest in syenite, low in marble.

55° 124° NE

93N/10

FLOYD - 1962, p.16 - 24 claims Troy 1-20 & Glo 1-4 optioned by Southwest Potash. The showing is about 2 miles SE of Manson Creek P.O. Scheelite bearing quartz veins lie in the Manson Creek fault zone - trenching, sampling and mapping.

55° 124° NE

GRUBSTAKE NOTES - 1964 p.A73 - A great deal of prospecting was done fairly close to the Manson River about 20 miles south of Manson Creek, where fairly good mineralization of moly and narrow quartz veining containing chalco has been discovered.

Some mineralization was seen on Boulder Creek. Near Gillis Mountain, granodiorite and quartzite showing some moly and galena was reported.

TARGET PROJECT

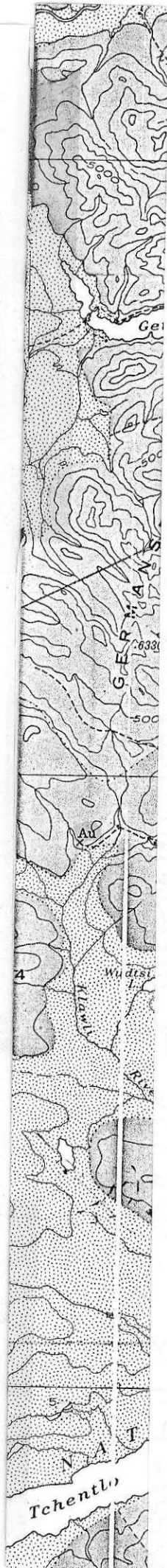
FINANCIAL REPORT

January 1 - March 31, 1981

<u>Item</u>	<u>Year to date</u>
CASUAL LABOUR	\$ 139.75
BLUEPRINTING, DRAFTING SUPPLIES	215.24
TELEPHONE	94.71
SERVICES	358.33
INTEREST AND BANK CHARGES	<u>2.00</u>
Owing to J.C. Stephen Explorations Ltd.	\$ 810.03

BLACKJACK - 1965 p.106 - 46 claims at headwaters of Manson River about 8 miles south of Manson Creek. Showings at 4000' in drift covered country, the eastern showing few hundred feet north of hay meadows at the divide between Manson River and Boulder Creek. Quartz veins in grey granodiorite with moly in veins.

Central showing on steep eastern bank of Manson River less than one mile to the west SW of the eastern showing. Showing to south of central showing is about 1000' upstream. A western showing is more than one mile from the central one and is on the west bank of a tributary of Manson River.



LEGEND

Quaternary (Alluvium, colluvium, and recent deposits)	Q	CENOZOIC
Recent alluvium and recent deposits	Qr	
Upper Tertiary and Lower Cretaceous (Cretaceous, Paleogene, Neogene)	T	MESOZOIC
Upper Tertiary and Lower Cretaceous (Cretaceous, Paleogene, Neogene)	T1	
Upper Tertiary and Lower Cretaceous (Cretaceous, Paleogene, Neogene)	T2	
Upper Tertiary and Lower Cretaceous (Cretaceous, Paleogene, Neogene)	T3	
Carboniferous and Permian (Carboniferous, Permian)	C	PALAEZOIC
Carboniferous and Permian (Carboniferous, Permian)	C1	
Carboniferous and Permian (Carboniferous, Permian)	C2	
Carboniferous and Permian (Carboniferous, Permian)	C3	
Devonian (Devonian)	D	PALAEZOIC
Devonian (Devonian)	D1	
Silurian (Silurian)	S	PALAEZOIC
Silurian (Silurian)	S1	
Ordovician (Ordovician)	O	PALAEZOIC
Ordovician (Ordovician)	O1	
Pre-Cambrian (Pre-Cambrian)	P	PALAEZOIC
Pre-Cambrian (Pre-Cambrian)	P1	

J.C. STEPHEN EXPLORATIONS LTD.

TARGET PROJECT

GEOLOGY

VITAL - SILVER CREEK AND
GRANITE - BOULDER CREEK AREAS

LEGEND

- CRETACEOUS**
UPPER CRETACEOUS
SUSTUT GROUP
- 7 Conglomerate, shale, greywacke, tuff
- JURASSIC OR CRETACEOUS**
UPPER JURASSIC OR LOWER CRETACEOUS
OMINECA INTRUSIONS
- 6 Granodiorite, quartz diorite, diorite; minor granite, syenite, gabbro, pyroxenite
- TRIASSIC AND JURASSIC**
UPPER TRIASSIC AND LATER
TAKLA GROUP
- 4 Upper Triassic: shale, greywacke, conglomerate, tuff, and limestone
5 Upper Triassic and Jurassic: andesitic and basaltic flows; tuffs, breccias, and agglomerates; interbedded conglomerate, shale, greywacke, limestone, and coal
- PERMIAN AND (?) EARLIER**
CACHE CREEK GROUP
- 3 Greenstone (andesitic flows, tuffs, and breccias with minor basic intrusive rocks), chlorite and hornblende schists; minor argillite and chert. May include some Takla group (5)
- 2 Argillaceous quartzite, chert, argillite, slate, greywacke, conglomerate; minor greenstone and limestone; related schists. In part older than 1
- 1 Massive limestone; minor argillaceous and cherty sedimentary rocks, and greenstone
- 8 Peridotite, pyroxenite, dunite, serpentine, gabbro, and carbonatized alteration products. Age uncertain, may be pre-Jurassic

MERCURY MINES AND PROSPECTS

- Bralorne BB and related groups... 1
Snell Group... 2
Lil Group... 3
Bralorne Takla Mercury Mine... 4
Bron Group... 5
Don Group... 6
Kwanika Group... 7
Bowleg Group... 8
Victory Group... 9
Indata Lake Mercury Showing... 10
Indata Group... 11
Tchentlo Group... 12

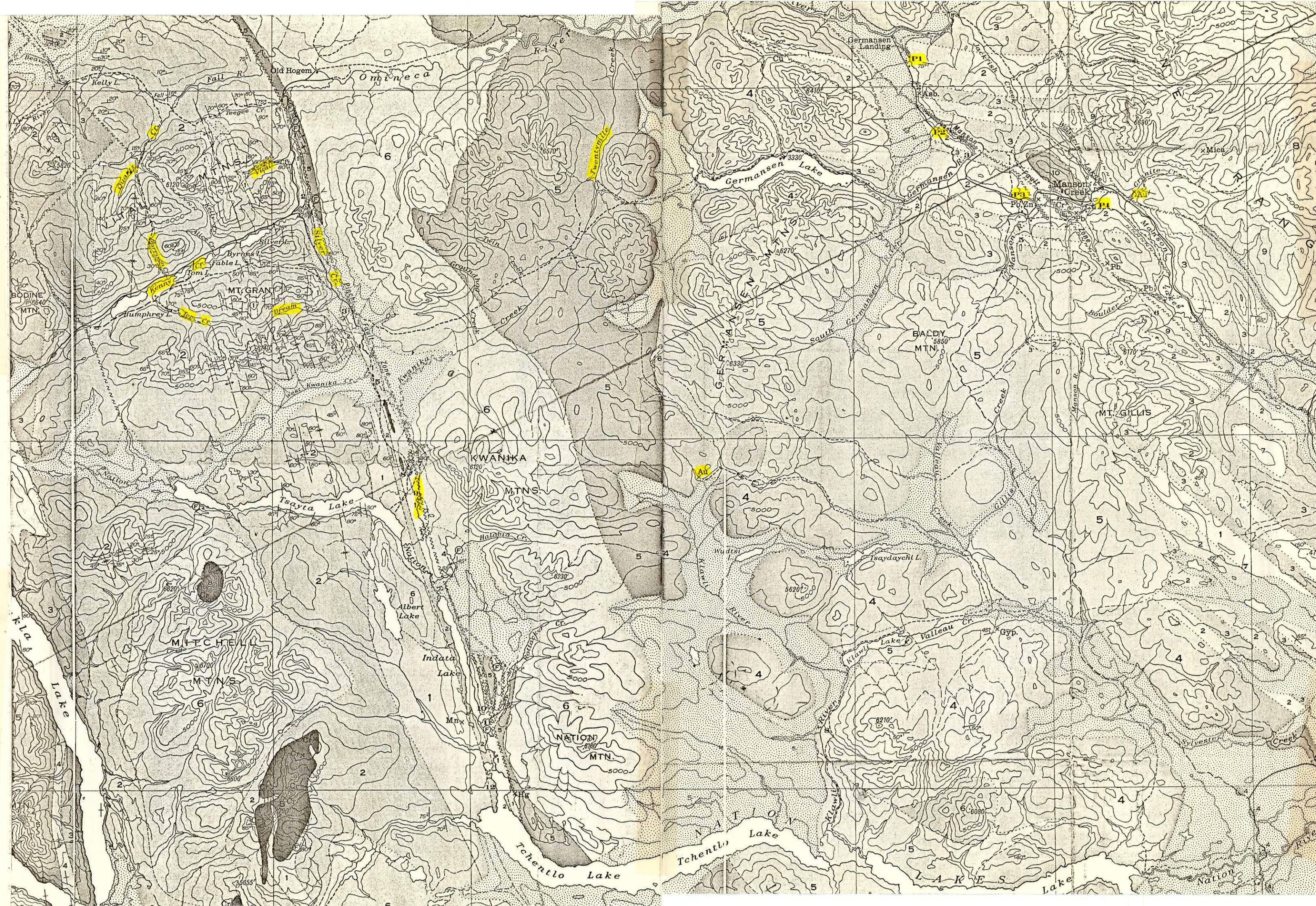
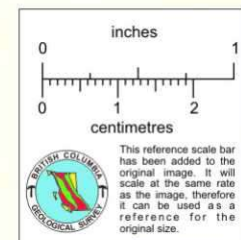
PLACER GOLD CREEKS

- Dream, Harrison, Kenny, Kwanika, Quartz, Silver, Tom, Twenty-mile, Vital

MINERAL OCCURRENCES

- Mercury... Hg
Manganese... Mn
Copper... Cu
Chromium... Cr
Coal... C

NOTE: For detailed description of mercury deposits see Geological Survey Papers 42-11 and 44-5.



LEGEND

- TERTIARY (?)**
- 7 Trachytic and andesitic flows, dykes and sills
- JURASSIC OR LATER**
- 6 Syenite
- UPPER JURASSIC OR LOWER CRETACEOUS**
OMINECA INTRUSIONS
- 5 Granodiorite, quartz diorite, diorite, and granite
- TRIASSIC AND JURASSIC**
UPPER TRIASSIC AND LATER
TAKLA GROUP
- 4 Andesitic and basaltic flows, tuffs, breccias and agglomerates; minor argillite and conglomerate
- CARBONIFEROUS AND LATER**
PENNSYLVANIAN AND PERMIAN
CACHE CREEK GROUP
- 3 Greenstone (andesitic flows and tuffs); minor argillite, chert, limestone, and serpentine. In part older than 1 and 2
- 2 Argillite, slate; minor greenstone, chert, and limestone. In part older than 1
- 1 Massive limestone; minor argillite, slate, chert, and greenstone
- 10 Altered diorite
- WOLVERINE COMPLEX**
- 9 Micaceous, chloritic, and garnetiferous schists; quartzite, limestone; minor granitic gneiss and pegmatite
- 8 Granitoid gneiss, quartzite, pegmatite; minor schists

PROSPECTS

- Nina Copper Showing... 1
Farrell Group... 2
Flagstaff and Mother Lode... 3
Fairview Group... 4
Black Hawk Group... 5
Berthold Property... 6
Blackburn Property... 7
Kohse Copper Property... 8
Chuchi Tungsten Showing... 9

PLACER MINES

- Huffman Placers... P1
Germansen Mines, Limited... P2
Consolidated Mining and Smelting Co., Ltd... P3
Lost Creek Placer Gold, Limited... P4