

670081

**J.C. STEPHEN
EXPLORATIONS LTD.**

WEEKLY CAMP REPORT

Silver creek Area.

PROJECT TARGET

CAMP NAME ALPHA
S. ANGUS, J. PAUTLER.

NTS MAP SHEET 93N/12E + 11W

DATES SEPT. 16 TO 21 1981

AIR PHOTOS _____

LAT. & LONG. _____

SILT SAMPLE SERIES _____

SOIL SAMPLE SERIES 91-TA-A-117 TO 132

ROCK SPECIMEN NUMBERS 28338 B TO 28350 B
28226 B TO 28231 B
28186 B TO 28189 B

Silver creek Prospecting area

INTRODUCTION:

Prospecting was conducted on several mountains around the Silver creek area, in an attempt to find a source of the placer gold in the numerous creeks of the area.

Cold weather and snowfall restricted us to a shorter stay than we anticipated in the area. The creeks we managed to cover were Harrison, Alice, Kelly, Vital, & Kenny.

The Omineca mountains in this area are very steep and range in elevation from 3500 to 6000 feet. Access into these mountains was limited. Those roads that did follow the creeks were blocked up by unfriendly placer miners.

The ~~vegetation~~ vegetation in the area consists of thick buck-brush and alders within a forest of spruce, pine, and balsam.

We camped in a vacant outfitters cabin on Fabre Lake. Other campsites are located at the northeast end of Silver Lake and on Humphrey Lake.

The road in this area, which goes westward to TAKLA LANDING, was slightly muddy and requires a four wheel drive vehicle. This road is probably only passable in the drier summer months. Spare Jerry cans are also recommended while working in this area.

Prospecting & Geology:

The areas prospected mainly consisted of highly sheared and folded schistose sedimentary rocks, silicified limestones and greenstone. Minor chert, jasper and argillite beds were present within the folded sedimentary unit. Abundant quartz veining was evident in all the units.

Mineralization consisted of minor pyrite in the greenstone of Mt. Silver. (Sample # 28226 & 28227). On Mt. Alice very minor mineralization was noted. This consisted of very small amounts of sulfides in the silicified limestone. (Sample # 28339 & 28340).

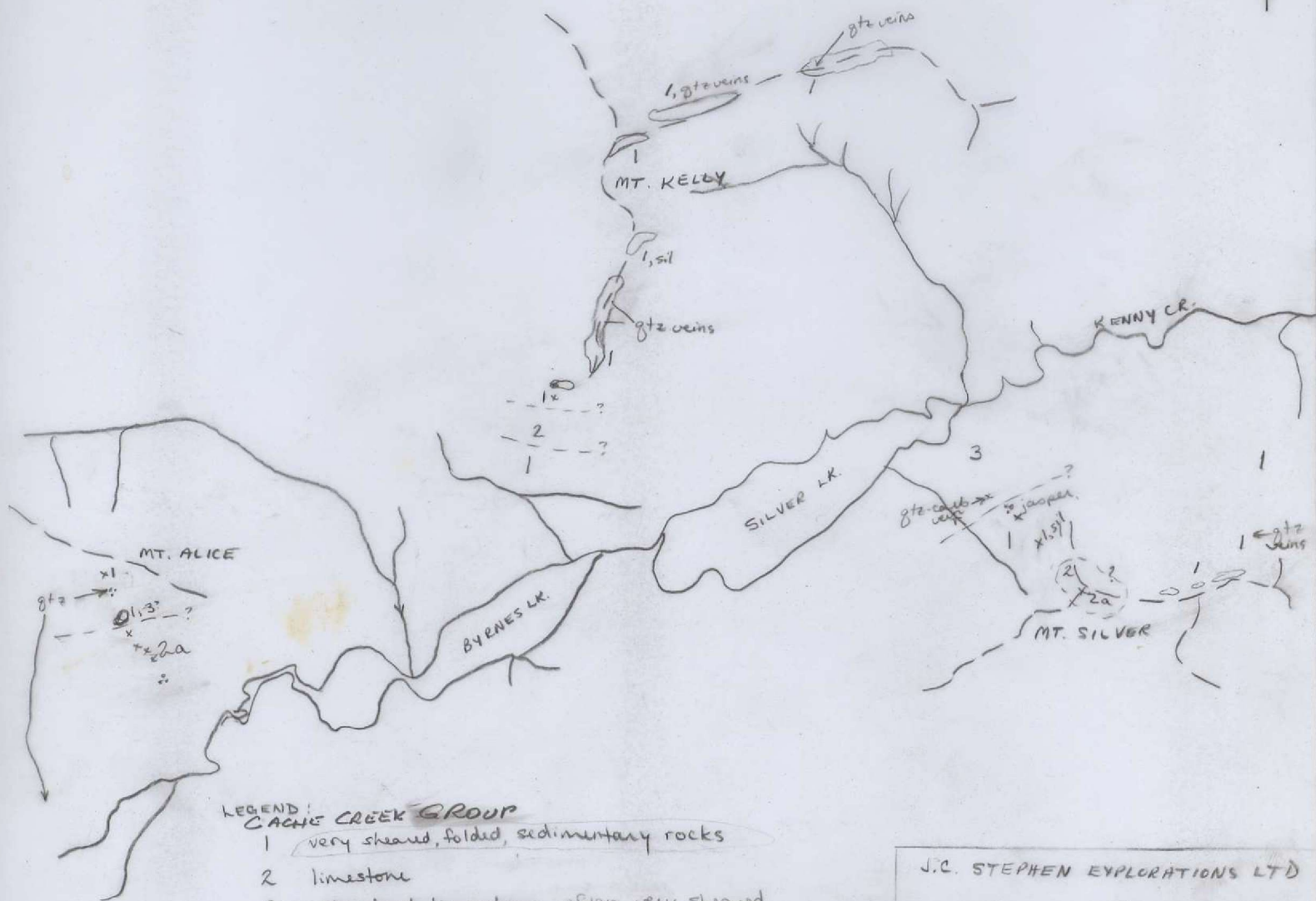
Investigation of the elapsed mineral claims on the top of Mt. Kelly revealed abundant barren milky quartz veins, some being very rusty with no visible mineralization. These ranged up to $\frac{1}{2}$ meter in width and cut through the highly sheared and folded sedimentary rocks. (Sample # 28344 & 28346)

On Mt. Silver an area of highly sheared jasper was found in outcrop as well as abundant massive jasper float with quartz veining throughout. (Sample # 28228 & 28229).

Abundant quartz ~~float~~ and silicified limestone float was observed in most of the creeks in the area.

Conclusions

In the event that geochem results are anomalous on any of the silicified samples taken, further detailed prospecting would be warranted and should include the areas of Mt. Grant, Mt. Tom and Quartzite creek. Flycuming is recommended to investigate these targets because of limited road access.



- LEGEND:
CACHE CREEK GROUP
- 1 very sheared, folded, sedimentary rocks
 - 2 limestone
 - 2a silicified limestone, often very sheared
 - 3 greenstone
 - ∴ float
 - outcrop
 - x small outcrop
 - gtz quartz
 - carb carbonate

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TARGET SYNDICATE

SILVER CREEK PROSPECTING
AREA

GEOLOGY

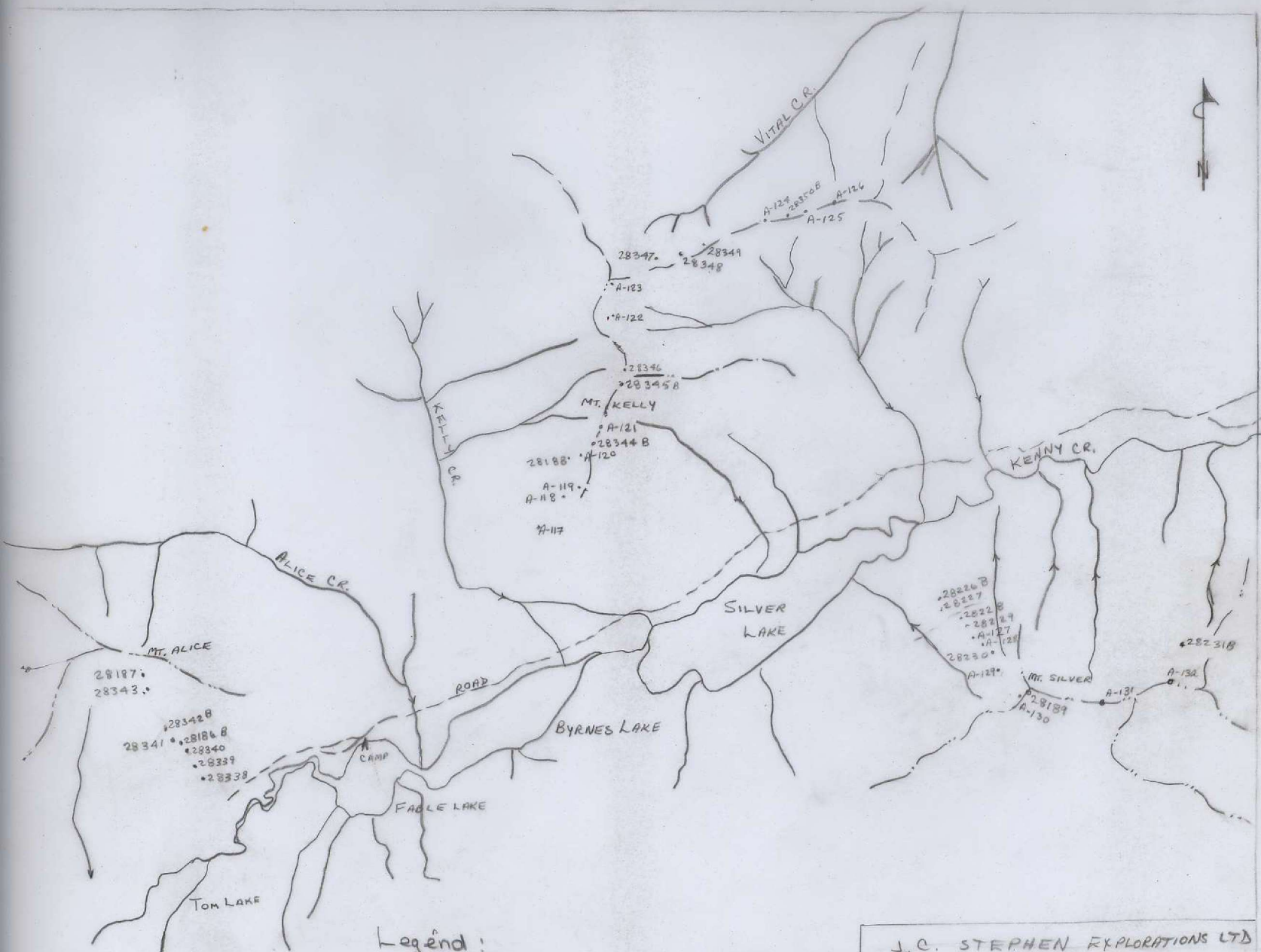
NTS 93N/12E, 11W

Date: SEPT. 1981

Work by: S.A. J.P.

Scale: 1:50,000

FIG 2



Legend:

28341 rock geochemistry sample

A-127 soil geochemistry sample

ppb ppmppm

28341 - 20, 2, 15 RocksAMPLE Au Ag As

A-127. 15 1 12 SOIL SAMPLE Au Ag As

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TARGET PROJECT
SILVER CREEK AREA
NTS 93N/11W, 12E

GEOCHEMISTRY

NTS

Work by S.A. JP

Scale 1:50,000

SEPT 1981

FIGURE

SAMPLER S. ANGUS.
DATE SEPT 18 TO 21

PROJECT TARGET

NTS 93 N / 11 W & 12 E
LINE _____
AIR PHOTO NO. _____

SAMPLE NO.	LOCATION	Depth CM	Horiz	DESCRIPTION				SLOPE	VEG.	ADDITIONAL OBSERVATIONS OR REMARKS	ASSAYS						
				Colour	Part Size	% ORG.	Ph				Ag	As	Au				
81-TA																	
A-117	MT. KELLY	20	B	Buff	med.	LOW	-	STEEP	forest	limestone o.c. in area.	0.2	14	<10				
A-118	"	"	"	orange brown	fine	"	-	MOD	"	just below highly sheared sed. o.c.	0.4	12	<10				
119	"	"	"	"	"	"	-	STEEP	"	"	0.1	24	<10				
120	"	"	"	"	"	"	-	"	alpine scrub	S.W. of peak, sheared folded sed.	0.1	5	<10				
121	"	"	"	Brown	med	"	-	flat	"	top of ridge	0.2	11	<10				
122	"	"	"	D. Brown	med	"	-	slight	grass	flat rolling ridge	0.1	7	40				
123	"	"	"	Brown	fine	"	-	steep	"	Qtz. flt.	0.1	12	<10				
124	"	"	"	light brown	course	"	-	slight	small trees	"	0.2	15	<10				
125	"	"	"	"	med	"	-	"	"	top of ridge.	0.1	29	<10				
126	"	"	"	Brown	course	"	-	mod	moss	near peak on hill, sheared sed. o.c.	0.2	14	<10				
A-127	MT. SILVER	"	"	Brown	course	"	-	steep	small trees & brush	Area of Jasper o.c. and float.	0.1	10	<10				
128	"	"	"	"	"	"	-	"	"	west side of creek gully.	0.1	7	<10				
129	"	"	"	rusty brown	med	"	-	slight	small trees	small plateau before top of hill.	0.2	9	<10				
130	"	"	"	"	"	"	-	mod- steep	grass	top of hill.	0.2	7	20				
131	"	"	"	"	course	"	-	steep	alpine scrub.	top edge of steep cirque	0.1	22	<10				
132	"	"	"	"	med	"	-	"	"	"	0.1	4	<10				

