

E 445

July 22, 1976.

5 Saugum Cr. (square  
just lake)

w. Ed Frost on his  
VAN # 1 claim

- road traverse up through  
Fort Steele quartzite  
background averages  
 $\pm 150$  cps. - alternating  
bands of quartzite.

(unit is thought to be  
deltaic - older than  
Aldridge).

- on claim traversed down  
to canyon <sup>some</sup> E of veined  
boulder of granitic  
float gave 800 cps.

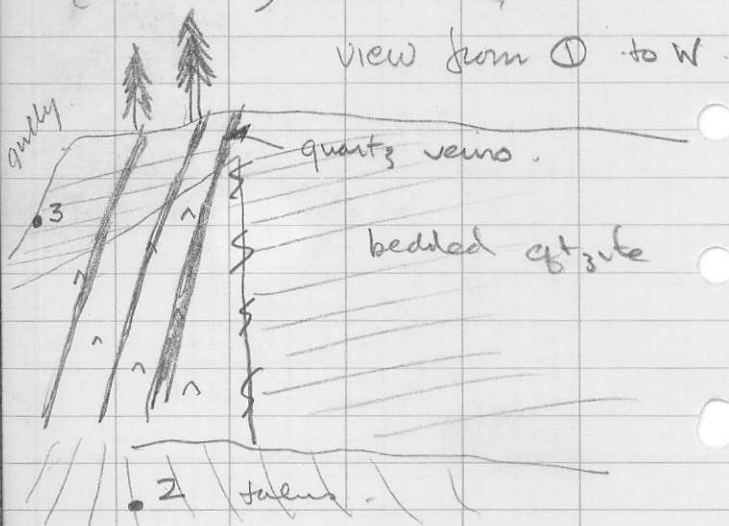
(5) - 2217 - 1

on W. side found  
another boulder w.  
pinkish alteration  $\rightarrow 700$   
cps (5) 2217. 2

⑤ - 22-7-3 on  
Cliff face - 2 patches  
with slightly higher  
than average readings  
just above granite  
contact

sample of tiny  
pink veinlet through  
qtzite which gave  
900 cps.

- couldn't sample 1200  
cps Fe stain area  
( $\approx 1\%$ )

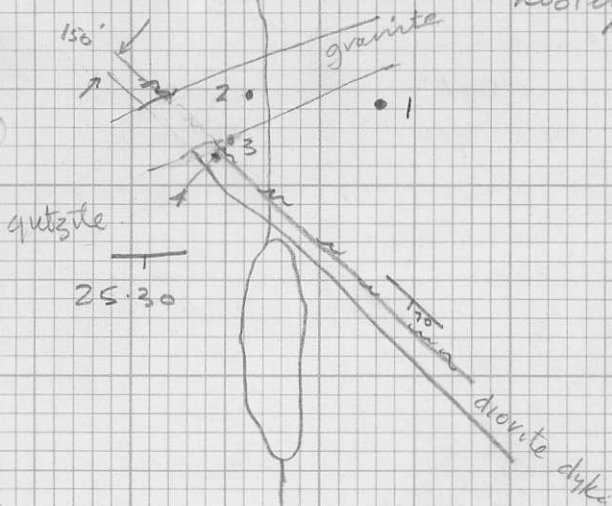


82G 12/E 1/2



8 mi NW of Ft. Stale

3 mi in road  
E line from  
Kootenay  
R.



~~qtz~~ veins are diorite  
as well as granite

- (4) diorite duffe  
contains qtz veins w  
pink & spar - probably  
generated from granite  
∴ diorite earlier  
than granite  
- critical area covered  
though so granite  
- diorite contacts can't  
be seen.

- (5) # from highest readings  
in diorite ~ 300 cps  
in pink & veined  
areas w. sulphide  
tr. Cu Pb

July 22, 1976.

REPORT ON PROPERTY EXAMINATION

841807

Claim Name: Van #1 (1 unit)  
Owner: E. Frost, Fort Steele, B. C.  
Location and Access: NTS 82G/12E, 8 mi NNE of Fort Steele.  
Access is gained via gravel road to the claim.  
A location map (1" = 2 mi) is attached.

Description:

Fort Steele formation quartzite has been cut by a NE trending diabase dyke which was in turn cut by granitic rocks. A very steep sided N - S valley exposes the rocks examined and this may be the surface expression of a large N - S fault.

A scintillometer (BGS - 1SL) was carried over the area with values as follows:

	<u>Rock Type</u>	<u>C.P.S.</u>	<u>ppm U</u>
1)	Pinkish altered granite (in float)	800	140
2)	as above	700	600
3)	pink veinlet in quartzite (just above granite contact)	900	165
4)	diorite	300	48

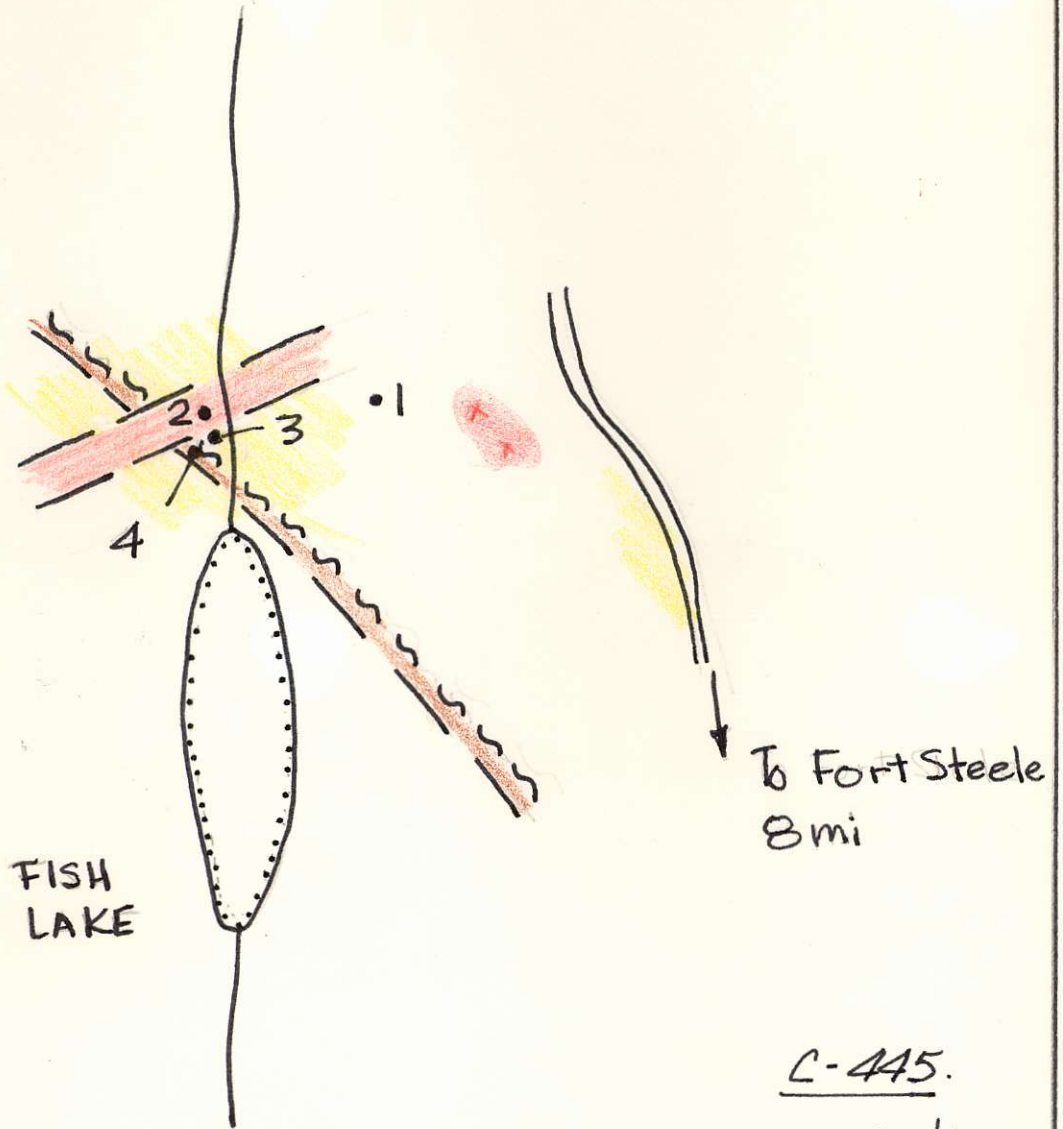
Summary:

The very best samples that could be found with the scintillometer were selected for rock geochemistry. No areas were discovered of sufficient size to be even moderately interesting. The low values obtained geochemically also indicate the low potential of the property. One concern remains however and that is the possibility of fault controlled mineralization in the main N - S structure. This is judged to be a long shot however and the only possible test would be diamond drilling.

Recommendation:

No further work





  
J.W. SIMPSON



C-445.

NTS 82G/12E

LEGEND

-  LOWER PORCELL METASEDIMENTS  
(INCLUDES FORT STEELE QUARTZITE)
-  GRANITIC ROCKS
-  DIORITE DYKE
-  SAMPLE SITE

SCALE

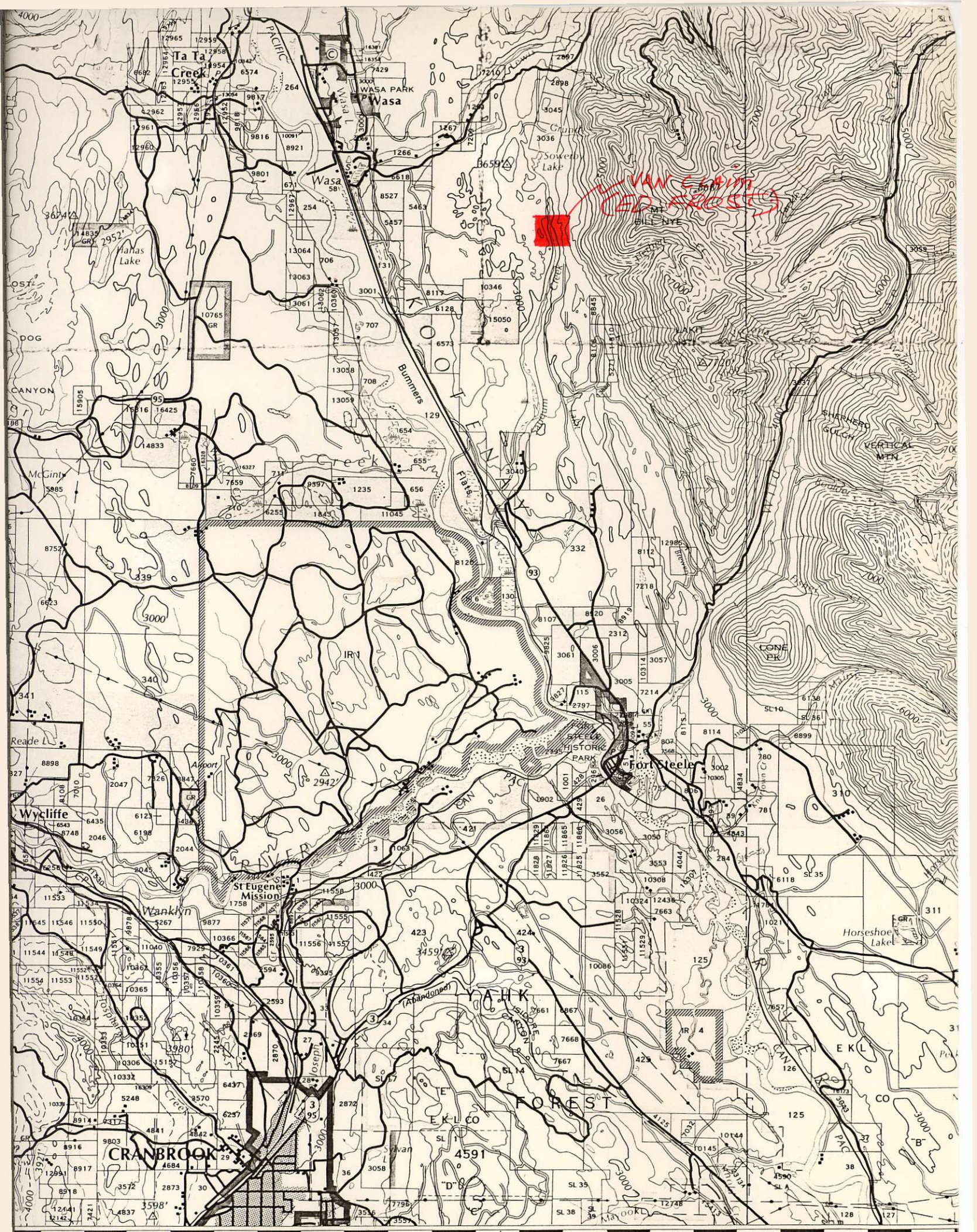
APPROX 1" = 200'

CHEVRON STANDARD LTD.

GEOLOGICAL SKETCH  
"VAN CLAIM"  
FORT STEELE AREA, B.C.

JWS.

AUG 76



To Moyie To Yahk - 38 miles 45' To Elko - 28 miles To Bull River 30

REFERENCE

- RESERVED LANDS**  
 Boundaries: Park (Less than 10 acres ▲)  
 Forest  
 Tree Farm Licence  
 Water Supply  
 Other Government Reserves
- SURVEYED LANDS**  
 Vacant Crown Land  
 Alienated or covered by application under the Land Act  
 Flooded areas which are Crown Granted  
 Timber or Pulp Lease, Licence, or Timber Berth  
 Indian Reserve  
 International or Interprovincial Boundary and Monument  
 Land District Boundary  
 Municipal Boundary  
 Campground (Government)  
 Mine (Operating)  
 Historic Monument



**VAN CLAIM**

**LOCATION MAP.**

1" = 2 mi