



→ WJMK FYI

October 18, 1989

92F 120

Mr. N.O. von Fersen  
Falconbridge Limited  
202 - 856 Homer Street  
Vancouver, B.C.  
V6B 2W2

Dear Nils:

The following are the X-Ray data for the samples we submitted from Catface deposit:

1. 89AP-02 - Irishman River patchy alteration in basaltic country rock. Green-pink patches, mainly epidote with albite and small amount of hydrogrossularite.
2. 89AP-7B - Imm veinlet in volcanics around 1000 feet in adit; fluorescent - scheelite.
3. 89WJMc-C1 - fibrous to platy clear crystals on fracture in biotite hornfels - stilbite.
4. 89WJMc-C2 - chalky white fracture coatings in quartz diorite - laumontite.
5. 89WJMc-C3 - fluorescent blue grains in quartz diorite - scheelite, probably solid solution series with powellite.

We had a number of specimens cut for thin sections but due to other time commitments no one has had a chance to look at them; perhaps someday.

Sorry it's taken this long to get back to you. Both Bill and I assumed the other guy was going to do it.

It was good to see you and have dinner with you during the Sicker workshop.

My best regards.

Yours sincerely,

A. Panteleyev  
Senior Project Geologist  
Mineral Deposits  
Geological Survey Branch

AP/bm

cc WJMK

MINISTRY OF ENERGY, MINES AND  
PETROLEUM RESOURCES

To: *WJMc*

Date:

From: *ap*

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|---|--|
| <input type="checkbox"/> For your approval.               | <input type="checkbox"/> Prepare reply for my signature. |
| <input checked="" type="checkbox"/> For your information. | <input type="checkbox"/> Prepare draft of reply.         |
| <input type="checkbox"/> For necessary action.            | <input type="checkbox"/> Return to me.                   |
| <input type="checkbox"/> Send me copy of reply.           | <input type="checkbox"/> File.                           |
| <input type="checkbox"/> For your comments.               | <input type="checkbox"/> For signature.                  |
| <input type="checkbox"/> Wish to discuss.                 |  |

*XRD results from  
CATTACE samples*



# CATFACE

# ANALYTICAL SERVICES REQUEST

Submitter A. Panteleyev

Date submitted

June 27/89

Date started

Number of samples 6

Date required

Date reported

Special instructions XRD Mineral identification samples

Semiquant spec. only if needed for solid solution series resolution

Project Catface deposit

Area Tofino

Priority

Chief Analyst 11/4

Air photo -

Card 1 of 1

PRINT CLEARLY (use dark pen or pencil)

150-68

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80
NTS	FLD				NOZ																UTM	E	UTM	N	R	X	Y	A	G	S	PROPERTY																COMMENTS																																
1	92E/F	89AP-02	LAB	NOOX	IDES	SPEC	XRD	MIN	PR	PA	U	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																	pink pervasive altn & mass epidote in basalt	albite																																					
38671	C	P	SQ	Q	SEP																																	Epidote, albite, hydrogrossularite (?)																1																									
2	89AP-7B	LAB	NOOX	IDES	SPEC	XRD	MIN	PR	PA	U	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																	1 Red pen-mark - yellow fluorescence - powellite?	2 main veinlet material - blue fluorescence - scheelite?	scheelite	2																																				
38672	C	P	SQ	Q	SEP																																	scheelite																2																									
3	89MC-C1	LAB	NOOX	IDES	SPEC	XRD	MIN	PR	PA	U	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																	fibrous clear plates on fracture - zeolite?	stilbite	3																																					
38673	C	P	SQ	Q	SEP																																	stilbite																3																									
4	89MC-C2	LAB	NOOX	IDES	SPEC	XRD	MIN	PR	PA	U	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																	chalky white on fracture - zeolite?	Laumontite	4																																					
38674	C	P	SQ	Q	SEP																																	Laumontite																4																									
5	89MC-C3	LAB	NOOX	IDES	SPEC	XRD	MIN	PR	PA	U	Ag	Cu	Pb	Zn	Co	Ni	Mo	Cr	Hg	As	Sb	Ba	Sr																	fluorescent (blue) grains (marked) - scheelite	Scheelite (powellite?)	5																																					
38675	C	P	SQ	Q	SEP																																	Scheelite (powellite?)																5																									