

MEMORANDUM

TO: M. Hampton

FROM: U. Jansons, D. Jennings

DATE: December 16, 1971

SUBJECT: ATTENDANCE OF SYMPOSIUM ON "FAULTS, FRACTURES, LINEAMENTS AND RELATED MINERALIZATION IN THE CANADIAN CORDILLERA"

The above titled symposium is to be held in Vancouver B.C. on the 4<sup>th</sup> and 5<sup>th</sup> of February, 1972. These talks and presentations are of interest to Anvil because they hopefully will put Anvil's orebodies in the overall regional geological setting and discuss in detail other mineral deposits similar to Anvil's. It is proposed that these be attended by Anvil geologists with the expenses paid by the Company.

Fresh concepts and ideas which may be useful to exploration work and geology may be gained by attending this symposium. A copy of the first circular is attached, in which the general program is outlined. Usually the most up to date unpublished information of the Geological Survey of Canada is presented at this meeting. Because the Geological Survey of Canada has had extensive field investigations in the Yukon new information may be presented regarding regional geology and the position and nature of the regional mineralization (including those at Anvil).

At the time of the symposium some time could be spent in obtaining information from Dynasty's and Cyprus's 1971 exploration in the Anvil area. Verbal invitations have been extended by both of these companies to share their exploration information.

Also, library research could be conducted at the Univ. of British Columbia library to obtain additional information useful for studying origin and nature of the Anvil orebodies.

*Udo Jansons*  
U. Jansons  
Chief Exploration Geologist

*D. Jennings*  
D. Jennings  
Research Geologist

First Circular

GEOLOGICAL ASSOCIATION OF CANADA

CORDILLERAN SECTION

SYMPOSIUM

"Faults, Fractures, Lineaments and Related Mineralization  
in the Canadian Cordillera"

4th and 5th February, 1972

at

BAYSHORE INN, VANCOUVER, B.C.

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The third annual symposium on the geology of the Canadian Cordillera will follow on from the themes of plate tectonics and metamorphism discussed in the first and second symposia with an updated look at faulting, fracturing, lineaments and brecciation and their relation to known mineralization. The presentation of facts will be accompanied by generous helpings of concepts and ideas to carry us beyond the hard data and hopefully stimulate discussion on the presentations.

A new tectonic map of the Canadian Cordillera is being compiled for presentation at the Symposium as an opening format. The speakers will discuss their contributions within this format; proceeding from regional aspects, through frameworks controlling mineral districts to detailed relationships of tectonics to specific ore deposits.

Because the theme of this third symposium is obviously more directly related to mineralization than were the first two themes the content of references to ore deposits has naturally increased in the third symposium; however, the dominant subject is still the tectonic fabric of the Canadian, and adjacent U.S., Cordillera. The basic purpose of the symposium is to contribute to the present published knowledge of the Cordilleran tectonics.

The symposium will again occupy two days, (Friday and Saturday), and will generally proceed from the general to the particular; however, presentations of local geology will directly follow presentations on regions or districts within which the local occurrences fall. Theoretical discussions on tectonic genesis, patterns, etc. in the Cordillera will precede those presentations to which they most relate. The

71-212 (cont)

488-500 12' core

( 210 sericite schist

25° @ 493

F<sub>0</sub> 10° @ 498

( B<sub>1</sub> 20° 496 } in a 1" core  
frag

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PROPERTY NAME .....

HOLE NO. 70-11

SCALE OF LOG .....

ROCK TYPES AND ALTERATION	MINERALIZATION AND STRUCTURES	FOOTAGE BLOCKS	% RECOVERY	SAMPLE NO.	INTERVAL		Pb	Zn	Fe
					FROM	TO			
220									
230			C						
235-239.5 - QTZ. SER. SCHIST, CLAYEY.		233	C						
239.5-240 - MYLONITIZED LAYER.		251.5							
240-241.5 - QTZ. SER. SCHIST. CLAYEY.	241.5-252 - BANDED SULPHIDES. 0.1" - 1.0" THICK. VUGGY AT TOP BECOMMING LESS GOING DOWN THE SECTION.		10	9413	238	242	.15	Te	6.8
				9414	242	247	0.5	23	24.2
250		248							
	252-258 - MASSIVE SULPHIDES THINNING OUT TOWARDS 258'.	253.5	S	9415	247	252	2.8	4.8	23.6
			C	9416	252	257	5.3	10.8	25.6
260	258-265 - BANDED SULPHIDES VERTICAL MASSIVE VUGGY LAYER.	258							
		262	C	9417	257	262	0.6	6.5	19.7
	265-266 - MASSIVE SULPHIDES; VUGGY. 266-284 - MASSIVE SULPHIDES.		C	9418	262	267	1.0	8.1	19.6
270									
		273		9419	267	272	1.4	8.7	18.3
			C	9420	272	277	2.7	7.5	24.4
280									
		283		9421	277	282	1.4	6.0	20.3
	284-294.5 - MASSIVE SULPHIDES VUGGY CONTACT AT 284.4. HORIZONTAL INCIPIENT LAYERING IN DISSEMINATED SULPHIDES.		C	9422	282	287	1.6	3.7	34.0
290		288							







ROCK TYPES AND ALTERATION	MINERALIZATION AND STRUCTURES		FOOTAGE BLOCKS	% RECOVERY	SAMPLE NO.	INTERVAL		Pb	Zn	Fe
						FROM	TO			
500					9465	497	502	5.0	12.4	36.1
				c	9466	502	507	7.1	7.6	37.7
510										
			512		9467	507	512	6.6	10.7	35.7
			515	c	9468	512	517	6.1	11.8	36.0
520				c						
			524		9469	517	522	3.4	5.2	40.8
				c	9470	522	527	2.1	2.1	41.3
530			529	c						
			533		9471	527	532	3.4	6.1	40.3
				c	9472	532	537	2.1	4.6	42.1
540			538							
		540-541 - MASSIVE SULPHIDES WITH FOLIATION CONCORDANT WITH UNDERLYING LAYERS VUGGY.			9473	537	541	5.7	10.1	39.7
541-562 - QTZ. SER. SHIST.		541-562 - FOLIATION 80°-90° / QTZ DISSEMINATED SULPHIDES FINELY LAMINATED.		c	9474	541	545	1.4	3.4	9.7
550			548							
				c						
560			558	c						
			562							

CC 1704 - Wase  
File Pelly River

TO	
RETURN TO	
AUG 27 1969	
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M E M O R A N D U M

August 26, 1969

TO : R. L. Cook  
FROM: Gerald G. Kelly  
MUSICK, PEELER & GARRETT  
RE : Pelly River Mines Limited (N.P.L.)

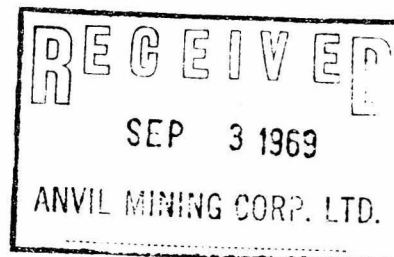
As you requested, following is the list of  
the shareholders of Pelly River Mines Limited:

Dickson-Yukon Syndicate	500,000 shares
Anvil Mining Corporation Limited	999,999 "
Dynasty Explorations Limited	100,000 "
Cyprus Mines Corporation	150,000 "
Kenneth Lieber	1 "

*Wase*

LEC:bjd

cc : Mr. Mudd  
Mr. Sabini  
Mr. Lieber  
Mr. Thurmond



INITIAL LIST OF SHAREHOLDERS OF ROSE CREEK VANGORDA MINES LIMITED

July 28, 1969

INCORPORATED AS A PRIVATE COMPANY UNDER THE CORPORATIONS ACT OF ONTARIO  
WITH AUTHORIZED CAPITAL OF 200,000 SHARES, WITHOUT PAR VALUE, AND 106,009 SHARES ISSUED

No. of Shares

9 Directors with one share each:

9

W. F. Walthall	United States Smelting	Ste.827, 20 King St.W., Tor.105, Ont.
W. C. Martin	Westfield Minerals Limited	Ste.3100, 25 King St.W., " " "
J. E. Rockingham	Union Carbide Canada	123 Eglinton Ave.E., Toronto 12, "
D. Kraft	Sudbury Contact Mines Ltd.	365 Bay St., Toronto 105, Ontario
Ralph Salter	Salter Reilly Jamieson & Apple	302 Bay St., Toronto 105, Ontario
H. B. Hicks	Consolidated Canadian Faraday	1600-100 Adelaide St.W., Tor.105, Ont.
A. White	Kam Kotia Mines	25 Adelaide St.W., Toronto 105, Ont.
L. G. White	Bechtel Overseas Corp.	220 Bush St., San Francisco, Cal.94114
R. P. Havelock	Jefferson Lake Petrochemicals	550 Sixth Ave., Ste.1000, Calgary, Alta.

Managers of Former Dickson-Yukon Syndicate:

W. C. Martin	Westfield Minerals Limited, Suite 3100, 25 King St.W., Toronto, Ontario	6,000
Gordon H. Gibbs	Room 509, 100 Adelaide Street West, Toronto, Ontario	3,000
Velma K. Blue	Apt. 506, 263 Dixon Rd., Weston, Ontario	1,000

Subscribers of Dickson-Yukon Prospecting Syndicate:

Westfield Minerals Limited	Suite 3100, 25 King St.W., Toronto 105, Ontario	8,000
Northfield Mines Inc.	Suite 1545, 230 Park Ave., New York, N.Y. 10017	2,000
Jefferson Lake Petrochemicals	Suite 1000, 550 Sixth Ave., Calgary, Alberta	10,000
Consolidated Canadian Faraday	Suite 1600, 100 Adelaide St.W., Toronto 105, Ont.	10,000
East Harling Investments	c/o E.H. Pooler & Co., 302 Bay St., Toronto 105, Ont.	800
Estate of K.H. McVittie	c/o Ricketts Farley & Lowndes, Suite 1400, Sterling Tower, 372 Bay Street, Toronto 105, Ontario	1,600
Denison Denny	117 Highbourne Road, Toronto 7, Ontario	1,560
Mooshla Gold Mines	" " " " " " "	1,080
Destorbelle Mines Limited	365 Bay Street, Toronto 105, Ontario	1,080
Sudbury Contact Mines Ltd.	" " " " " " "	9,600
J. G. Pierdon	20 Ridgemoor Avenue, Scarborough, Ontario	960
P. A. Chubb	P.O. Box 201, Whitby, Ontario	720
Kam Kotia Mines Limited	25 Adelaide St. West, Toronto 105, Ontario	5,000
United States Smelting	Suite 827, 20 King St. W., Toronto 105, Ontario	10,000
Estate J. Dumaresq Smith	c/o R.A. Nelson, Province of Ontario Savings Bank, Queens' Park, Toronto, Ontario	1,600
Estate W. S. Hargraft	c/o W. D. Hargraft, Apt. 506, 1545 MacGregor Ave., Montreal, Quebec	1,000
Bechtel Overseas Corp.	220 Bush Street, San Francisco, Cal. 94114, U.S.A.	15,000
E. H. P. Hamilton	c/o General Engineering Co.Ltd., 100 Adelaide St.W., Toronto 105, Ontario	1,000
Northwest Explorers (1967)	Ste.208, 10355 Jasper Ave., Edmonton, Alberta	5,000
Union Carbide Canada	123 Eglinton Ave. E., Toronto 12, Ontario	10,000

Total 106,009

M E M O R A N D U M

TO: R. E. Thurmond  
FROM: Uldis Jansons  
DATE: November 29, 1971  
SUBJECT: SUMMARY DRILL LOG OF HOLE 71-211  
Location Faro Grid, 52W, 2700 North

<u>Interval</u>	<u>Material</u>
0-92	Overburden
92-213	Biotite Muscovite Schist
213-216.5	Gouge
216.5-219	Biotite Monzonite Dike
219-221	Gouge + Breccia
221-224	Biotite Muscovite Schist
224-226	Gouge + Breccia
226-233	Biotite Muscovite Schist
233-235	Gouge + Breccia
235-377	Quartz Feldspar Porphyry
377-379	Gouge
379-381	Graphitic Biotite Muscovite Schist
381-383	Gouge
383-385.5	Graphitic Gouge
385.5-501	
TD - 501	

" EMC

TO: W. JANSSEN

FROM: J. GARDI

WASHED CUTTINGS IN THE CORE SHACK.

71-112	—	40-50 & 60-70.	144	—	0-10; 20-70; 80-180;
113	—	50-70.	147	—	0-60;
114	—	0-30.	149	—	0-20; 30-40;
115	—	160-180.	150	—	0-30;
116	—	130-140.	151	—	0-40;
117	—	20-30	152	—	10-30; 40-45;
118	—	0-10 & 60-70.	153	—	0-30;
119	—	40-70.	154	—	0-30;
120	—	0-30	157	—	10-30;
121	—	60-70.	158	—	10-20;
122	—	120-130 & 140-150	159	—	80-90;
123	—	NIL	160	—	60-80;
124	—	160-180.	161	—	20-40;
128	—	0-30	165	—	10-20;
129	—	0-30	167	—	10-30;
130	—	0-30	169	—	0-30;
131	—	0-30	162	—	0-50;
132	—	<del>0-30</del> 0-30;	163	—	30-50;
133	—	0-30	170	—	10-30;
134	—	0-30	171	—	10-30;
135	—	0-50	173	—	20-30;
136	—	0-35	172	—	0-30;
137	—	0-80	174	—	10-30;
138	—	0-30	175	—	10-30;
139	—	0-30	176	—	10-30;
140	—	0-30	177	—	10-20; 30-40;
141	—	0-40; 50-60;	168	—	10-30;
142	—	0-45;	178	—	30-60; 70-80;
143	—	0-50;	179	—	20-40;
			180	—	50-80;

WASHED CUTTINGS IN THE CORE SHACK.

- 181 - 0-30;
- 182 - 10-30;
- 183 - 10-40;
- 184 - 10-30;
- 185 - 30-40; 40-45;
- 186 - 10-20;
- 187 - 10-40;
- 188 - 10-30;
- 189 - 0-40;
- 190 - 50-60; 70-80; 390-400;
- 191 - 90-100; 100-105;
- 193A - 50-60;
- 195A - 30-40; 40-50;
- 196 - 50-100; 110-120; 130-170;





71-212

250 $\frac{1}{2}$  - 257 7' core Fo ~ 25° @ ~ 255  
Chlorite Schist

257 - 264 Bio Ser. Chl Qtz Schist

257 - 264 7.5' core Fo ~ 8° @ 258  
264 - 279 $\frac{1}{2}$  Chl Ser Bio(?) Sch  
264 - 269 5' core  
Chl Bio graph to Bio Ser chl Qtz Sch.

269 - 274 4.8' core

274 - 279 $\frac{1}{2}$  5 $\frac{1}{2}$ ' core Fo 5-10° @ 279  
avg ~ 8°

279 $\frac{1}{2}$  - 302 Bio seric Qtz chl schist

279 $\frac{1}{2}$  - 289 11' core Fo 15° @ 289

289 - 303 12.2' core Fo ~ 12° @ 303

302 - 305 3' core  
Chl Bio Ser Sch.

305 - 357 Bio Seric Qtz chl schist

305 - 313 8.8' core Fo 5° @ 313

313 - 324 11.6' core Fo 20°-30° @ 320

324 - 337 12.2' core Fo 25° @ 336

337 - 357 20' core Fo 10°-20° @ 357  
avg ~ 15°

71-212 (cont)

357 - 435 $\frac{1}{2}$  Bio Seric Qtz Schist

357 - 372 16.6' core Fo 10° @ 372

372 - 388 15.4' core Fo 15° @ 388

388 - 407 15 $\frac{1}{2}$ ' core Fo 10° @

407 - 423 ~ 19' core Fo ~ 15° @ 417

Fo ~ 10-15 @ 427

423 - 435 $\frac{1}{2}$  11.3' core Fo = 10° @ 435

435 $\frac{1}{2}$  - 446 11.8' core  
chl  
Bio Qtz Seric Schist  
Qtz Seric some punky seric @  
~ 440-442

446 - 442 $\frac{1}{2}$  16 $\frac{1}{2}$ ' core recovered  
Bio Ser Qtz Schist  
Fo 5° @ 461

462 $\frac{1}{2}$  - 488 27 $\frac{1}{2}$ ' core  
Seric Chl Qtz graph schist  
Punky @ 464-465 mainly seric  
@ 468-470 seric chlorite

Graphitic 471-472

Fo 25-30° @ 472

10° @ 482

71-212 (cont)

488 - 500 12' core

Bio seric Qtz schist

25° @ 493

Fo 10° @ 498

Bi 20° 496 } in a 1" core  
frag

71-212

0 -

OB

- 30 Qtz Hblenidite

Recovery 28-37 - 4' core

30-39 1/2 Fraggs of pure to chloritic qtzite

Good qtzite @ 137

38 1/2 - 43 ~ 3 1/2' core

Chl. Seric Schist - olive green color

43 - 44 Banded qtzite & graphitic

PHYLLITE

Sulf ~ 10% all py, non mag.

Fo = 12° @

44-48 ~ 2.5-3' core

Graph. Qtz phyll grading to  
bio schist.

Sulfides not noted.

48 - 55

Banded Blk-Bn qtz graphitic (S) (bio?)

phyllite

Fo 30° @ 55'

48-51 2' core

51-53 1.8' "

53-55 6.5' core

71-212

59-118

Banded Bio Graph <sup>qtz</sup> Schist

59-62 2.5' core strong Graph Fo 15° @ 62'

62-67 4.5' core  
4" andalusite qtz band @ 66'

67-73 4.4' core  
3" Andel band @ 69'

73-78 2' core

78-81 2' core

1/2" qtz w/ ~ 5% Py @ 80

81-85 5.1' core

85-88 3' core highly graphitic

Fo 10° @ 87 1/2

88-93 2.3' core

93-97 2.8' core highly graph @  
w/ 92-94

97-101 1/2 5 1/2' core

101 1/2 - 107 5 1/2' core  
4" qtzite @ 105'  
@ 108'

107-112 1/2 5 1/2' core strong graph

112 1/2 - 116 3 1/2' core  
Fo = 15° @ 115'

118 - 120 1.7' core

Qtzitic graph schist

Qtz bxa @ 119-120

71-212

120-137 1/2

GRAPHITIC BIOTITE Qtz Sch

120-124 2 1/2' core

124-126 1/2 1.7' core

126 1/2 - 128 1/2 1.8' core

128 1/2 - 131 1.5' core

131 - 137 1/2 6.2' core Fo 15° @ 137

137 1/2 - 203

Bio Qtz Schist

qtz sections to 0.5' randomly scattered thru  
sections (w/ traces  
of sulfides)

137 1/2 - 141 1/2 3.6' core

141 1/2 - 146 1/2 5' core

0.5' qtzite @ 142 1/2

0.5' qtzite @ 143 1/2

Fo 35° @ 145

146 1/2 - 151 5' core

151 - 156 3.8' core Fo 15° @ 155

3" qtzite andalusite @ 154

156 - 161 1/2 5.3' core

3" andal qtz @ 156

161 1/2 - 167 4.5' core

167 - 171 1/2 5.7' core

171 1/2 - 177 5.5' core Fo 13° @ 177

177 - 183 5.2' "

183 - 188 5.4' "

188 - 192 1/2 5' core

192 1/2 - 198 6.5' core

198 - 203 3.4' core

71-212 (cont)

203 - 231

Bio Serie Qtz Schist  
Section more readily broken along Fo than  
previous section  
203-205 ~4.2' core  
graphitic along saw  
fract. - Fo planes Fo @

208-212 1.5' core Fo 20° @ 212

212-217 5.5' core

217-220 2' core

220-223 3.5' core

223-227 3.5' core

227-231 5.2' core  
Ser Bio Qtz Sch @ 229-231

231 - 250

Quartz Bio Serie Sch.

231-239 1.2' core

233-234½ ~2' core Fo 15° @ ~234

234½-235 0.3' core  
Qtz Veinlet

235-239 3.8' core

239-243 3.9' core  
Qtz section controlled by mica leaf  
Fo highly var. to ~70° in section

243-245 2.2' core Fo 25° @ 244

245-250 4.6' core  
Bio Actinolite etc Schist

71-212

250½-257 7' core Fo ~25° @ ~255

Chlorite Schist

257-264

Bio Ser Chl Qtz Schist

257-264 7.5' core Fo ~8° @ 258

264-279½ Chl Ser Bio(?) Sch

264-269 5' core  
Chl Bio granitic Bio Ser Qtz Sch.

269-274 4.8' core

274-279½ 5½' core Fo 5-10° @ 279  
avg ~8°

279½-302

Bio serie qtz chl schist

279½-289 11' core Fo 15° @ 289

289-302 12.2' core Fo ~12° @ 295

302-305 3' core

Chl Bio Ser Sch.

305-357

Bio Serie qtz chl schist

305-313 8.5' core Fo 5° @ 313

313-324 11.6' core Fo 20-30° @ 320

324-337 13.2' core Fo 25° @ 336

337-357 20' core Fo 10-20° @ 357  
avg ~15°

71-212 (cont)

357-435½

Bio Ser Qtz Schist

357-372 16.6' core Fo 10° @ 372

372-388 15.4' core Fo 15° @ 388

388-403 15½' core Fo 10° @

403-423 ~19' core Fo ~15° @ 413  
Fo ~10-15° @ 423

423-435½ 12.5' core Fo = 10° @ 435

435½-446 11.8' core

Chl Schist  
Bio Qtz Serie

Qtz Serie some punky serie @  
~440-442

446-462½ 16½' core recovered

Bio Ser Qtz Schist

Fo 5° @ 461

462½-488 24½' core

Serie Chl qtz graph schist

Punky @ 464-465 mainly serie  
@ 468-470 ser chlorite

Graphitic 471-472

Fo 25-30° @ 472

10° @ 482