

**BONDAR-CLEGG & COMPANY LTD.**

Santa Maria 801269

geologists • geochemists • analysts • assayers

1500 PEMBERTON AVENUE, NORTH VANCOUVER, B.C.

Phone 988-5315

**CERTIFICATE OF ASSAY**

TO **Pathfinder Resources Ltd.,**  
 .....  
**617 - 789 W. Pender St.,**  
 .....  
**Vancouver, B.C.      Att: Mr. G.L. Oates**  
 .....

**Report No.: A20 - 820**  
**Samples Rec'd: November 17, 1970**  
**Results Completed: November 19, 1970**  
**c.c. to Mr. P. Ziebart**  
**c.c. to Mr. W. Sharpe**

I hereby certify that the following are the results of assays made by us upon the herein described **Core, Sludge** samples.

MARKED	GOLD		SILVER	Cu	Percent	Percent	Percent	Percent	Percent	Percent	TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent							
<b>Cores P-2 90246</b> 222-229'			trace	.10							
" " <b>90247</b> 234'-237'			.07	.19							
" " <b>90248</b> 243-258'			.02	.14							
" " <b>90249</b> 258'-264'		5.5'	.08	.42							
" " <b>90250</b> 264-269'			.05	.13							
" " <b>69251</b> 269-274'			.07	.12							
" " <b>69252</b> 274-279'		5.0'	.13	.39							
" " <b>69253</b> 294-300'		6.0'	.09	.40							
<b>Sludge P-2 69254</b> 223-228'			.09	.05							
" " <b>69255</b> 243-248'			.08	.02							
" " <b>69256</b> 248-253'			.08	.09							
" " <b>69257</b> 253-258'			.10	.07							
<b>Cores P-3 69258</b> 80-85'		5.5'	.30	.44							
<b>Sludges P-3 69259</b> 80-85'			.25	.40							
<b>Cores P-3 69260</b> 85'-88'			.10	.05							
" " <b>69261</b> 88-92'			.05	.03							
<b>Sludges P-3 69262</b> 85-90'			.15	.09							
<b>Cores N-5 69263</b> 72'-75'			.25	.53							
" " <b>69264</b> 75'-76'			1.00	3.52							
" " <b>69265</b> 76'-78'			3.5	9.65	(B1)						
" " <b>69266</b> 78-79'			0.45	0.43							

**NOTE:**  
 Rejects retained two weeks  
 Pulps retained three months  
 unless otherwise arranged.

Gold & Silver values reported on these sheets  
 have not been adjusted to compensate losses and  
 gains inherent in fire assay methods.

Gold calculated at \$.....per ounce

*Peter Kemp*  
 .....

Registered Assayer, Province of British Columbia

**CERTIFICATE OF ASSAY**

I hereby certify that the following are the results of assays made by us upon the herein described **Core, Sludge** samples.

MARKED	GOLD		SILVER	Cu							TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent		
<b>Cores N-5 69266 78'-79'</b>			.45	.43							
<b>CORE P-4 69267 82-89'</b>			.08	.02							
" " <b>69268 89-91½</b>			.05	.03							
" " <b>69269 91½-96</b>			.45	.80							
" " <b>69270 96-99½</b>			.10	.09							
<b>Sludges P-4 69271 80-85</b>			.03	.01							
" " <b>69272 85-90</b>			trace	.01							
" " <b>69273 90-95</b>			.15	.20							
" " <b>69274 95-100</b>			trace	.16							
<b>CORES-P4 69275 15-21</b>			0.04	0.07							
" " <b>69276 21-25'</b>			0.08	0.10							
" " <b>69277 25-31'</b>			0.12	0.40							
" " <b>69278 31-36'</b>			0.18	0.17							
<b>SLUDGE P4 69279 18-15'</b>			0.02	0.11							
" " <b>69280 15-20'</b>			0.02	0.21							
" " <b>69281 20-25'</b>			0.02	0.15							
" " <b>69282 25-30'</b>			0.04	0.24							
" " <b>69283 30-35'</b>			0.05	0.22							
" " <b>69284 35-40'</b>			0.02	0.10							
<b>CORE P-6 69285 26-30</b>			1.40	5.12							
" " <b>69286 30-36</b>			0.09	0.24							
" " <b>69287 36-39</b>			0.14	0.23							
" " <b>69288 39-46</b>			0.98	4.06							
<b>SLUDGE P-6 69289 20-25'</b>			TR.	0.02							
" " <b>69290 25-30'</b>			0.08	2.61							
" " <b>69291 30-35'</b>			0.50	2.40							
" " <b>69292 35-40'</b>			0.40	0.62							
" " <b>69293 40-45'</b>			0.03	0.14							
" " <b>69294 45-50'</b>			0.02	0.16							
<b>CORE P-6 69295 74-82</b>			0.65	2.28							
" " <b>69296 82-85½</b>			0.30	0.90							

*p-4A to check record @ p-4 collar site*

*No record of any core prior to this -- ??*

*salt*

*split up*

*Peter Kemp*

Rec'd Nov. 11/70 mail.



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D.D.H. # P-2

## CERTIFICATE OF ASSAY

TO Pathfinder Resources Ltd.,  
617 - 789 W. Pender St.,  
Vancouver, B.C. Att: Mr. G.L. Oates

Report No.: A20 - 785  
 Samples Rec'd: November 3, 1970  
 Results Completed: November 6, 1970  
 c.c. to Mr. W. Sharp  
 c.c. to Mr. P. Ziebart

I hereby certify that the following are the results of assays made by us upon the herein described Core samples.

MARKED	GOLD		SILVER	Cu							TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent		
<i>D.D.H. # P-2</i> Cores	90226	130-132	1--2.0'	.04	.04						
	90227	132-137	1--5.0'	.03	.07						
	90228	137-142	1--5.0'	trace	.07						
	90229	142-147	1--5.0'	.03	.06						
	90230	147-152	1--5.0'	.04	.07						
	90231	152-157	1--5.0'	.02	.10						
	90232	157-162	1--5.0'	.06	.15						
	90233	162-167	1--5.0'	.05	.21						
	90234	167-172	1--5.0'	.02	.07						
	90235	172-179	--7.0'	.08	.22						

NOTE:  
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 Pulps retained three months  
 unless otherwise arranged.

Gold & Silver values reported on these sheets  
 have not been adjusted to compensate losses and  
 gains inherent in fire assay methods.

Gold calculated at \$.....per ounce

*Peter Kempe*  
 Registered Assayer, Province of British Columbia

Rec'd Nov 11/70 mail



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Phone 988-5315

CERTIFICATE OF ASSAY

TO Pathfinder Resources Ltd.,
617 - 789 W. Pender St.,
Vancouver, B.C. Att: Mr. G.L. Oates

Report No.: A20 - 790
Samples Rec'd: November 3, 1970
Results Completed: November 6, 1970
c.c. to Mr. W. Sharp,
c.c. to Mr. P. Ziebart

I hereby certify that the following are the results of assays made by us upon the herein described Sludge samples.

Table with columns: MARKED, GOLD (Ounces per Ton, Value per Ton), SILVER (Ounces per Ton), Cu (Percent), and TOTAL VALUE PER TON (2000 LBS.). Rows include sample numbers 90236 through 90245.

NOTE: Rejects retained two weeks
Pulps retained three months
unless otherwise arranged.

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gains inherent in fire assay methods.

Gold calculated at \$.....per ounce

Signature: Peter Kempa
Registered Assayer, Province of British Columbia

*Rec'd Nov 27/70*



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Phone 988-5315

**CERTIFICATE OF ASSAY**

TO Pathfinder Resources Ltd.  
617-789 W. Pender  
Vancouver, B.C. Att: Mr. G.L. Oates

Report No: A20-829  
Samples Received: November 20, 1970  
Results Completed: November 25, 1970  
c.c. P. Ziebart  
W.M. Sharp

I hereby certify that the following are the results of assays made by us upon the herein described Sludge samples.

MARKED	GOLD		SILVER	Cu							TOTAL VALUE PER TON (2000 LBS.)
	Ounces per Ton	Value per Ton	Ounces per Ton	Percent	Percent	Percent	Percent	Percent	Percent		
Sludge											
69279			.02	.11							
69280			.02	.21							
69281			.02	.15							
69282			.04	.24							
69283			.05	.22							
69284			.02	.10							
69289			Trace	.02							
69290			.08	2.61							
69291			.50	2.40							
69292			.40	.62							
69293			.03	.14							
69294			.02	.16							

*all checked against planned assays ✓*

*Applied to assay Report A20-820*

NOTE: Rejects retained two weeks  
Pulps retained three months  
unless otherwise arranged.

Gold & Silver values reported on these sheets have not been adjusted to compensate losses and gains inherent in fire assay methods.

Gold calculated at \$.....per ounce

*Peter Kemp*  
Registered Assayer, Province of British Columbia

Rec'd Nov. 25/70



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CERTIFICATE OF ASSAY

TO Pathfinder Resources Ltd.
617-789 W. Pender,
Vancouver, B.C. Att: Mr. G.L. Oates

Report No: A20-826
Samples Received November 20, 1970
Results Completed: November 24, 1970
c.c. Wm Sharp
P. Ziebart

I hereby certify that the following are the results of assays made by us upon the herein described core samples.

Table with columns: MARKED, GOLD (Ounces per Ton, Value per Ton), SILVER (Ounces per Ton), Cu (Percent), and TOTAL VALUE PER TON (2000 LBS.). Rows include sample numbers 69275 through 69296.

Applied to assay report A20-820
all checked against original assays

NOTE: Rejects retained two weeks Pulp retained three months unless otherwise arranged.

Gold & Silver values reported on these sheets have not been adjusted to compensate losses and gains inherent in fire assay methods. Gold calculated at \$.....per ounce

Peter Keup
Registered Assayer, Province of British Columbia



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CERTIFICATE OF ASSAY

TO Pathfinder Resources Ltd.
617-789 W. Pender
Vancouver, B.C. Att: Mr. G.L. Oates

Report No: A20-840
Samples Received: November 25, 1970
Results Completed: November 30, 1970

c.c. Mr. W. M. Sharp
Mr. P. Ziebart

I hereby certify that the following are the results of assays made by us upon the herein described sludge, core samples.

Table with columns: MARKED, GOLD (Ounces per Ton, Value per Ton), SILVER (Ounces per Ton), Cu (Percent), and TOTAL VALUE PER TON (2000 LBS.). Rows include sample numbers 69297-69315 with associated assay values for Silver and Copper.

NOTE: Rejects retained two weeks
Pulps retained three months
unless otherwise arranged.

Gold & Silver values reported on these sheets
have not been adjusted to compensate losses and
gains inherent in fire assay methods.

Gold calculated at \$..... per ounce

Peter Kump
Registered Assayer, Province of British Columbia