

KERR ADDISON MINES LIMITED

SUITE 405 - 1112 WEST PENDER STREET
VANCOUVER 1, B.C.
PHONE 682-7401

019112

12th February 1976

TO: JOHN CARRINGTON
FROM: W. M. SIROLA
CC: G.M. HOGG - M.D. ROWSWELL
SUBJECT: GRUM DEPOSIT - CHECK ANALYSES

In response to your question regarding the need for sending samples to the Loring Laboratories for additional check analyses, I have the following comments:

1. A total of 70 samples assayed in the Whitehorse lab were sent to Loring in 1975, for check analyses. The results were as follows:

	<u>Whitehorse</u>	<u>Loring</u>
% Pb	4.20	4.07
% Zn	6.09	5.58
Oz Ag	1.72	1.91

The average analysis of the 70 samples by Whitehorse was 0.13 higher in Pb and 0.51 higher in Zn, and 0.19 oz lower in Ag.

2. Of the total of 70 samples submitted to Loring, 25 samples, or 35.7% were in excess of 10% combined PbZn. These were totalled and averaged with the following results:

	<u>Whitehorse</u>	<u>Loring</u>
%Pb	6.52	6.29
%Zn	9.64	9.26
Oz Ag	2.65	2.81

In this range then, the Whitehorse average analyses were 0.23 higher in Pb, 0.38 higher in Zn and 0.16 lower in Ag. Please note that these figures are simply subtractions of one average from another, and not percentage variations as such.

3. Since the Whitehorse lab appears, as usual, to be doing very good work, it should only be necessary to submit a few samples from time to time. I would suggest that you send to Loring a total of perhaps 10 samples which would be in the 10, 12, 14, 16, 18 and 20 per cent ranges, in as much as this would be the spectrum in which first production (if any) would occur.

Bice

W. M. Sirola

WMS:1mp

enc:

Locals

Whorse Lab.

Assay Comparison

Pb	Zn	Ag
5.01	6.05	2.28
4.95	6.48	2.44
4.85	10.09	2.46
5.15	9.72	2.38
3.85	6.50	1.58
5.94	7.90	2.52
2.71	8.30	1.78
7.11	12.50	3.10
10.32	5.64	3.26
4.20	6.07	2.64
3.57	9.98	1.57
5.01	8.17	2.38
4.95	5.94	2.11
12.10	8.59	3.49
8.75	14.45	4.10
7.10	7.58	2.44
11.88	10.05	4.50
3.59	9.27	2.10
8.85	13.92	4.17
9.21	12.43	4.73
3.90	8.57	2.04
7.79	13.44	4.60
7.97	14.26	3.36
4.71	9.66	2.63
4.02	6.21	1.73
<u>157.43</u>	<u>231.71</u>	<u>70.33</u>

Pb	Zn	Ag
4.92	6.35	2.12
5.25	6.96	1.91
4.65	10.07	2.79
5.03	9.84	2.35
3.75	6.76	1.50
5.78	8.10	2.12
2.93	8.52	1.71
7.50	12.32	2.94
10.80	5.88	3.15
4.43	6.21	2.27
3.60	10.82	1.47
4.99	8.76	2.06
4.95	6.36	1.73
12.75	9.23	3.00
8.72	14.83	3.68
7.21	8.22	2.18
12.52	10.53	4.18
3.60	9.54	1.94
8.86	14.93	3.74
9.34	13.23	4.12
3.90	9.08	1.88
8.70	13.84	4.23
8.84	14.83	3.09
5.45	9.85	2.38
4.55	6.00	1.71
<u>163.02</u>	<u>241.06</u>	<u>66.25</u>

25 Samples

Averages

6.29	9.76	2.81	6.52	9.64	2.65
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Whorse Av. analysis 0.23% higher in Pb; 0.38% higher in Zn & 0.16% lower in Ag.

Wm. Sirolo
Feb. 11, 1976

Ag Loring
3298.75
23

= 143.42 g/mt

Pb Loring
199.69
23

= 8.68%

Zn Loring
392.77
23

= 17.08%

White horse.

(Ag)
3149.14
23

= 136.91 g/mt

(Pb)
212.97
23

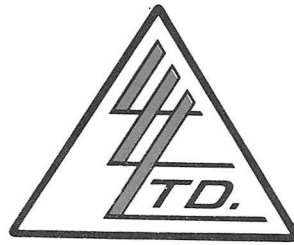
= 9.26%

(Zn)
391.44
23

= 17.02%

To: KERR-ADDISON MINES LIMITED,
 405, 1112 West Pender St.,
 Vancouver, B.C.
 ATTN: W. Sirola

File No. 11080
 Date February 24, 1976
 Samples Sample Pulps



Certificate of
 ASSAY of

LORING LABORATORIES LTD.

C.C. J. Paxton
 Kerr-Addison (Toronto)
 Whitehorse Assay Office

PAGE # 1

SAMPLE No.	gms/METRIC TON SILVER			% Pb		% Zn	
	<u>CONTROL ANALYSIS</u>						
U-1106	3.77	156.00	129.25	8.67	9.26	14.77	15.0
U-1108	3.24	150.50	111.09	8.01	8.50	17.25	17.22
U-1110	3.38	119.00	115.89	7.86	8.15	15.11	14.81
U-1114	3.77	132.50	129.25	6.59	8.85	14.77	14.60
U-1129	4.62	158.00	158.40	9.48	10.08	19.21	19.27
U-1148	3.79	132.25	129.94	7.96	8.17	20.59	21.13
U-1151	4.47	148.00	153.26	9.78	10.31	17.84	17.51
U-1152	4.21	152.50	144.34	9.43	9.81	17.54	17.25
U-1160	6.18	211.00	211.89	13.01	13.55	25.70	26.10
U-1161	5.15	177.00	176.57	10.78	11.34	22.46	22.17
U-1165	3.94	147.25	135.09	8.01	8.60	15.78	15.52
U-1169	3.74	135.75	128.23	7.04	7.39	12.84	12.72

I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE
 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

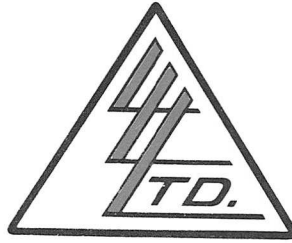
Rejects Retained one month.
 Pulps Retained one month
 unless specific arrangements
 made in advance.

W. Sirola

Licensed Assayer of British Columbia

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 405, 1112 West Pender Street,
 Vancouver, B.C.
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Certificate of
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LORING LABORATORIES LTD.

PAGE # 2

SAMPLE No.	gms/METRIC TON SILVER			% Pb		% Zn	
	<u>CONTROL ANALYSIS</u>						
U-1176	3.09	109.00	105.94	7.55	8.37	16.61	16.26
U-1177	3.09	107.50	105.94	6.03	6.54	12.83	12.95
U-1208	4.68	192.00	160.46	11.49	11.69	16.17	15.98
U-1213	4.12	144.75	141.26	8.77	9.17	15.93	16.09
U-1214	3.71	130.00	127.20	6.64	7.17	20.59	20.51
U-1216	3.15	129.50	108.00	8.06	8.29	15.92	15.96
U-1246	3.82	150.50	130.97	9.53	10.03	15.06	14.69
U-1257	4.41	142.25	151.20	10.37	11.06	17.30	17.37
U-1329	3.82	125.00	130.97	7.55	8.22	15.35	15.35
U-1335	4.26	135.50	146.06	8.21	8.92	14.87	15.05
U-1346	3.44	113.00	117.94	8.87	9.50	18.28	17.93

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