

KERR ADDISON MINES LIMITED

(FOR INTER-OFFICE USE ONLY)

019602

To John Carrington From W. M. Sirola

Subject GRUM PROJECT - CHECK ANALYSES Date 9th June 1976

cc: D.A. Lowrie - M.D. Rowsell


In the light of Bud Rowsell's concern over some recent high drilling results, we sent 15 sample pulps to Loring Laboratories in Calgary. A copy of these results, together with the corresponding Whitehorse Lab results, is enclosed.

These results are summarised as follows:

	<u>% Pb</u>	<u>% Zn</u>	<u>Gms/MT</u>
Loring	6.58	10.80	102.66
Whitehorse	6.83	10.98	98.59

The silver assays bounce around quite a bit, but the average is 4 gms per metric ton lower in the Whitehorse Lab, and I would sooner see it this way than the other way around. The discrepancies in lead and zinc contents are negligible.

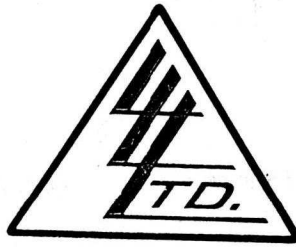
These comparisons are consistent with previous check analyses made at the Loring Labs.


W. M. Sirola

WMS:1mp

enc:

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



File No. 11427
 Date May 27, 1976
 Samples Control Pulps

cc: Kerr-Addison Faro Y.T.
 Kerr-Addison Toronto
 Whitehorse Assay Office

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 ASSAY of

LORING LABORATORIES LTD.

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JUN-8 1976
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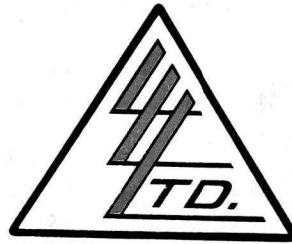
PER _____

SAMPLE No.	GRAMS PER METRIC TON		%		%	
	SILVER		Pb		Zn	
<u>CONTROL ANALYSIS</u>						
9459-70 2187	111.09	113.0	8.33	8.21	13.80	13.95
9459-70 2191	77.83	106.0	4.98	4.64	10.85	10.83
9459-70 2198	20.57	81.0	5.15	4.59	5.05	5.71
9459-70 2206	69.43	71.0	4.98	5.43	9.08	9.18
9459-70 2210	153.34	162.0	11.26	10.75	19.08	19.25
9465-34 2364	77.20	77.0	4.58	5.29	10.20	10.17
9465-34 2365	75.77	79.0	4.38	4.20	4.70	5.01
9465-34 2371	186.57	183.0	15.28	14.23	8.98	9.14
9468-49 2430	65.09	100.0	3.43	2.91	8.12	8.10
9468-49 2435	80.57	84.0	5.95	5.73	22.18	21.90
9472-40 2444	50.40	76.0	3.55	3.41	5.83	6.08
9472-40 2447	133.13	128.0	10.48	10.01	19.40	19.34
9472-40 2450	105.94	101.0	6.77	6.37	13.07	13.32
9472-40 2457	66.57	59.0	4.25	4.10	6.62	6.88
9472-40 2458	130.97	120.0	9.15	8.83	16.71	16.26
TOTALS	1478.88	1540.0	102.52	98.70	160.13	161.94
AVERAGE	98.59	102.66	6.83	6.58	10.98	10.80
<p>I Hereby Certify THAT THE ABOVE RESULTS ARE THOSE ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES</p>						

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

_____ *A. L. McFadden* _____
 Licensed Assayer of British Columbia

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



File No. 11427
 Date May 27, 1976
 Samples Control Pulps

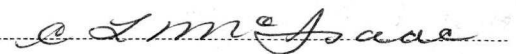
cc: Kerr-Addison Faro Y.T.
 Kerr-Addison Toronto
 Whitehorse Assay Office

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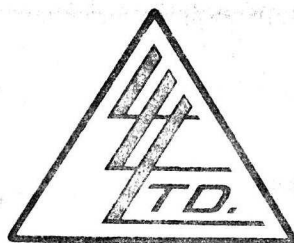
SAMPLE No.	GRAMS PER METRIC TON SILVER		%		%	
			Pb		Zn	
CONTROL ANALYSIS						
9459-70 2187	u-58	113.0	111.09	8.21	8.33	13.95 13.80
9459-70 2191		106.0	77.83	4.64	4.98	10.83 10.85
9459-70 2198		81.0	80.57	4.59	5.15	5.71 5.05
9459-70 2206	u-59	71.0	69.60	5.43	4.98	9.18 9.08
9459-70 2210		162.0	163.54	10.75	11.26	19.25 19.08
9465-34 2364	u-65	77.0	79.20	5.29	4.58	10.17 10.20
9465-34 2365		79.0	75.77	4.20	4.38	5.01 4.70
9465-34 2371		183.0	188.57	14.23	15.28	9.14 8.98
9468-49 2430	u-67	100.0	65.49	2.91	3.43	8.10 8.12
9468-49 2435		84.0	80.57	5.73	5.95	21.90 22.18
9472-40 2444		76.0	50.40	3.41	3.55	6.08 5.83
9472-40 2447		128.0	133.03	10.01	10.48	19.34 19.44
9472-40 2450		101.0	105.94	6.37	6.77	13.32 13.09
9472-40 2457		59.0	66.51	4.10	4.25	6.88 6.62
9472-40 2458		120.0	130.97	8.83	9.15	16.26 16.71

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 ASSAYS MADE BY ME UPON THE HEREIN DESCRIBED SAMPLES

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 Pulps Retained one month
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 Licensed Assayer of British Columbia

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

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

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LORING LABORATORIES LTD.

PAGE # 1

SAMPLE No.	gms/METRIC TON SILVER			% Pb		% Zn	
<u>CONTROL ANALYSIS</u>							
U-1106	3.77	156.00	129.25	8.67	7.26	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

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

[Signature]
 Licensed Assayer of British Columbia

KERR ADDISON MINES LIMITED

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

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.

Bill

W. M. Sirola

WMS:1mp

enc:

LORING

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	14.42	4.10
7.10	7.58	2.44
11.88	10.05	4.50
3.59	9.27	2.18
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
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157.43	231.71	70.33

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	5.00
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
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163.02	241.06	66.25

25 Samples

Averages

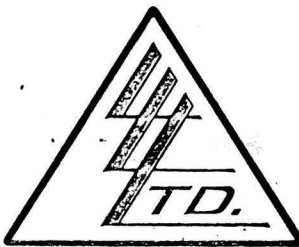
6.29 9.76 2.81

6.52 9.64 2.65

Whorse Av. Analysis 0.23% higher in Pb; 0.38% higher in Zn & 0.16% lower in Ag.

Wm. Sirolo
Feb. 11, 1976

To: ~~KERR-ADDISON MINES,~~
 405-1112 West Pender Street,
 Vancouver, B.C.
 V6E 2S1



File No. 9985
 Date July 1, 1975
 Samples Control Pulps

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PAGE # 1

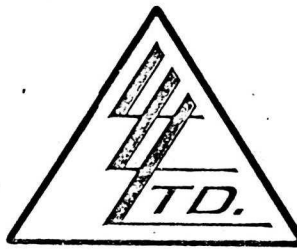
SAMPLE No.	OZ./TON		%		%	
	SILVER		Pb		Zn	
<u>CONTROL ANALYSIS</u>						
1461	.76	.59	1.52	1.53	1.49	1.40
1471	.97	1.00	3.17	3.23	3.12	3.18
1489	1.26	1.09	3.01	3.08	2.86	2.94
1557	2.10	1.94	3.59	3.60	9.27	9.54
1566	4.17	3.74	8.85	8.86	13.92	14.93
1577	1.13	1.15	2.86	2.40	6.83	7.02
1586	2.00	1.53	3.63	3.75	5.30	5.28
1590	4.73	4.12	9.21	9.34	12.43	13.23
1600	1.75	1.53	4.35	4.35	3.92	4.44
1653	1.18	.91	2.35	2.18	5.85	5.88
1664	2.04	1.88	3.90	3.90	8.51	9.08
	22.09	19.48	46.44	46.22	73.50	76.92
	13.4% higher		.4% higher		4.7% lower	
total page 1 & 2: Loring grades	47.92	44.72	111.55	113.42	153.76	161.39
	- 7.1% higher		1.7% lower		5.0% lower	
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.

[Signature]
 Licensed Assayer of British Columbia

To: ~~KEER~~-ADDISON MINES,
 405-1112 West Pender Street,
 Vancouver, B.C.,
 V6E 2S1
 ATTN: W. Sirola

File No. 9985
 Date July 1, 1975
 Samples Control Pulps



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PAGE # 2

SAMPLE No.	OZ./TON SILVER		% Pb		% Zn	
	Whitehorse	Whitehorse	Whitehorse	Whitehorse	Whitehorse	Whitehorse
<u>CONTROL ANALYSIS</u>						
1673	1.51	1.47	3.51	3.60	9.98	10.82
1681	2.38	2.06	5.01	4.99	8.17	8.76
1691	2.11	1.73	4.95	4.95	5.94	6.36
1694	3.49	5.00	12.10	12.75	8.59	9.23
1707	4.10	3.68	8.75	8.72	14.45	14.23
1911	1.44	1.12	2.50	2.78	3.52	3.78
1917	1.35	1.32	3.09	3.30	5.09	5.46
1927	1.75	1.76	4.35	4.50	5.06	5.28
1937	2.44	2.18	7.10	7.21	7.58	8.22
2007	4.50	4.18	11.88	12.52	10.05	10.53
2017	.76	.74	1.87	1.88	1.83	1.80
	25.83	25.24	65.11	67.2	80.26	84.47
	Loring grades — 2.3% higher		3.2% lower		5.2% lower	
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