

020476



Curragh
Resources

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11 February 1987

Mr. B. Lendrum
Yukon Territory Water Board
Suite 200
4114 Fourth Avenue
Whitehorse, Yukon
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Dear Mr. Lendrum:

I enclose the water sample data for January.

Pit dewatering was again intermittent. Because of this there was only one sample taken at X1 and two samples taken at X22.

Everything else falls within normal patterns except the cyanide reading at X5 on January 15. At 0.10 mg/L it is twice the acceptable limit. This is greater than 10 times the level the week before and 5 times greater than the following week. Since there is no indication of high cyanide at X4 previous to this, there is reason to speculate that this is an erroneous reading. But, since the analysis is still being done by a commercial lab, we did not get results quickly to allow resampling to prove or disprove this speculation.

Yours truly,

David E. Wright
Chief Assayer
Curragh Resources

DEW:cc

Enclosure

CURRAGH RESOURCES

WATER ANALYSIS - MONTHLY MEAN

Sample Period *January 1987*

Sample Point	X1	X2 *	X3 *	X4	X5	X6 *	X7 *	X9	X10 *	X11	X12	X13	X14 *	X22	X23
pH	7.11	7.54	7.73	7.15	7.96	7.24	7.08	9.11	7.95	7.53	7.72	7.56	7.67	7.11	7.00
Temp °C	1	2	2	2	2	3	2	10	2	4	2	3	2	2	3
Suspended Solids mg/L	57	1	<1	3	1	26	448	174,000	<1	2	2	2	2	5	3
Flows m3/min								30.28		0.75	0.41	5.84		7.73	
Ammonia mg/L	0.32	<0.01	<0.01	0.62	0.71	1.17	0.40	0.58	<0.01	0.46	0.26	0.26	0.29	0.24	0.54
Copper mg/L	0.01	<0.01	<0.01	0.01	0.03	<0.01	0.18	0.05	<0.01	<0.01	<0.01	<0.01	0.04	<0.01	0.02
Lead mg/L	0.19	<0.01	<0.01	0.12	0.06	<0.01	7.32	0.30	0.02	<0.01	<0.01	<0.01	0.05	0.03	0.02
Zinc mg/L	56.8	0.05	0.01	0.18	0.11	0.14	43.00	0.16	0.02	0.01	<0.01	0.02	0.09	34.4	31.6
Cyanide mg/L	<0.01	<0.01	<0.01	0.02	0.04	<0.01	<0.01	0.05	0.03	0.03	<0.01	0.03	<0.01	0.01	0.01
Manganese mg/L	8.75	0.11	0.04	0.99	1.05	9.60	7.57	0.04	<0.01	2.85	0.60	2.69	1.23	2.68	9.44
Sodium mg/L	30.0	3.1	2.0	70.2	67.5	59.0	2.7	79.3	1.9	62.75	34.9	58.0	63.0	15.5	30.4
Sulfate mg/L	1205	11	12	643	630	240	800	471	12	493	309	446	567	510	1153
* sampled once monthly															