



March 12th, 1987

Yukon Territory Water Board,  
Suite 200 - 4114 Fourth Avenue,  
Whitehorse, Yukon,  
Y1A 4N7  
Attention: Mr. R.A. Steers

Dear Mr. Steers:

I enclose the water sample data for February. Again, this month there was intermittent flow at X22 and no flow at X1.

Seepage at X11 showed high cyanide readings for the first three weeks of February. This is probably associated with the high cyanide which showed in the X5 decant on January 15th. Due to the dilution from other seepage the cyanide level at X13 went up to 0.05ug/mL on February 24th but did not exceed that limit. The first sample in March shows both X11 and X13 down to normal cyanide levels.

Ammonia levels at X22 and X23 were up for the last two weeks of February. This may be due to ammonia in the sludge in the #1 pit. Suspended solids also went up as pumping in #1 was completed. These high ammonia readings may also be from water coming through freshly blasted material. Earlier samples would have been diluted by the water in #1 pit which should have contained low ammonia. If this ammonia is sludge related those readings should drop again; if it is related to recent blasting, the readings will probably stabilize at a higher level than previous.

Most other analysis remain in a normal range.

Yours truly,

David E. Wright  
Chief Assayer

DEW/nn

CURRAGH RESOURCES

WATER ANALYSIS - MONTHLY MEAN

Sample Period February 1987

| Sample Point           | X1 | X2 *  | X3 *  | X4   | X5   | X6 *  | X7 *  | X9      | X10 * | X11   | X12   | X13   | X14 * | X22   | X23  |
|------------------------|----|-------|-------|------|------|-------|-------|---------|-------|-------|-------|-------|-------|-------|------|
| pH                     |    | 7.20  | 7.25  | 8.30 | 7.93 | 7.12  | 7.36  | 9.46    | 8.06  | 7.52  | 7.63  | 7.47  | 7.60  | 7.09  | 6.92 |
| Temp °C                |    | 1     | 2     | 2    | 2    | 2     | 1     | 12      | 3     | 3     | 3     | 3     | 1     | 1     | 3    |
| Suspended Solids mg/L  |    | 2     | <1    | 4    | 1    | 40    | 102   | 160,500 | <1    | 2     | 1     | 2     | 1     | 21    | 3    |
| Flows m3/min           | 0  |       |       |      |      |       |       | 30.28   |       | 0.82  | 0.33  | 5.94  |       | 2.64  |      |
| Ammonia mg/L           |    | 0.20  | <0.01 | 0.60 | 0.42 | 0.58  | 0.50  | 0.76    | 0.24  | 0.60  | 0.14  | 0.21  | <0.01 | 2.65  | 2.10 |
| Copper mg/L            |    | <0.01 | <0.01 | 0.02 | 0.03 | <0.01 | 0.01  | 0.11    | <0.01 | <0.01 | <0.01 | <0.01 | 0.02  | <0.01 | 0.01 |
| Lead mg/L              |    | <0.01 | <0.01 | 0.06 | 0.04 | <0.01 | 0.22  | 0.11    | <0.01 | <0.01 | <0.01 | <0.01 | 0.02  | 0.06  | 0.02 |
| Zinc mg/L              |    | 0.07  | 0.71  | 0.09 | 0.09 | 0.21  | 17.0  | 0.05    | 0.02  | <0.01 | <0.01 | 0.01  | 0.07  | 17.2  | 19.4 |
| Cyanide mg/L           |    | <0.01 | <0.01 | 0.01 | 0.01 | <0.01 | <0.01 | 0.02    | <0.01 | 0.05  | <0.01 | 0.03  | <0.01 | <0.01 | 0.01 |
| Manganese mg/L         |    | 0.13  | 0.54  | 0.82 | 1.09 | 10.4  | 7.41  | 0.03    | <0.01 | 3.43  | 0.66  | 3.05  | 19.1  | 1.76  | 6.00 |
| Sodium mg/L            |    | 3.3   | 2.1   | 78.8 | 71.0 | 61.0  | 24.0  | 165.5   | 1.8   | 62.1  | 39.4  | 59.0  | 57.0  | 14.2  | 22.8 |
| Sulfate mg/L           |    | 15    | 33    | 934  | 731  | 273   | 1060  | 653     | 19    | 535   | 385   | 493   | 549   | 381   | 836  |
|                        |    |       |       |      |      |       |       |         |       |       |       |       |       |       |      |
| * sampled once monthly |    |       |       |      |      |       |       |         |       |       |       |       |       |       |      |