Barrick Gold Inc.

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March 31, 2005

Mr. Philippe di Pizzo
Executive Director,
Nunavut Water Board
P. O. Box 119
Gjoa Haven, Nunavut
X0B 1J0

Dear Mr. di Pizzo:

Pursuant to Part B, Articles 4 and 9 of Water License NWB1CUL0207, please find appended 2 paper copies of the Annual Water License Report 2004 for our Cullaton Lake property. A third electronic copy has been e-mailed to you concurrent with this release.

If you have any questions or wish to discuss this matter further, please do not hesitate to contact me.

Sincerely,

Paul Brugger

Paul Brugger
Site Manager, Cullaton Lake

CULLATON LAKE GOLD MINES LTD.

WATER LICENSE NWB1CUL0207

ANNUAL WATER LICENSE REPORT 2004

PREPARED BY:
BARRICK GOLD INC.
Suite 3700, 161 Bay Street, P. O. 212
Toronto, ON
M5J 2S1

MARCH 2005

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ᐅᓐᓂ 2004-ᒥ ᐊᐅᓕᑦᓯᔨᖅᓴᕐᑐᑐᖅ ᑭᓯᐊᓂ ᐊᓯᐊᓂ ᐊᐅᓕᑦᓯᔨᖅᑲᔨᖅ ᐊᖏᕐᒧᒍᒪᔭᖅ ᖃᐅᔨᒪᔭᖅᑕᐅᓐᓕᒍᑐᑦ ᖃᐅᔨᒪᔭᖅᑕᐅᑎᓕᑦᑐᑦ, ᐃᒥᖏᖅ ᖃᐅᔨᒪᔭᖅᓯᑎᖅ ᐊᒻᒪᓗ ᓄᓇᐅᑦ ᐅᓇᖏᓕᖅᓂᓂᓂᖅ ᓂᐅᓕᓇᖏᓕᖅᓂᓂᖅ ᐊᒻᒪᓗ ᐅᓴᖅᑭᓚᐅᒥᓂᑦ ᐊᐳᑕᑯᑦ ᐃᓂᒥᓂᑦ ᑯᑐᓴᑯᒥ ᖃᐅᔨᒪᔭᖅᑕᐅᓕᓕᒍᑐᖅ ᒪᓕᓴᓯᑎᖅ ᒪᓕᑐᖅᑎᒧᑦ ᐃᒪᓕᕆᔨᐸᑎᓂᖅ ᓕᐃᓴᓂᖅ ᐃᓕᓴᕐᑕ NWB1CUL0207. ᑕᒪᐅᑯᐊ ᐊᐅᓕᑕᐅᔨᓪᓕ ᔨᓕᐃ 7, 2004-ᒥ.

ᐅᓂᐅᑲᑦ ᓇᐃᓐᓇᖅᓯᒪᔪᓪᓕ, ᑭᖓᓴᖅᓄᒧᑦ ᖃᐅᔨᒪᔭᖅᑕᐅᓂᑯᑦ ᐊᒻᒪᓗ ᒥᐊᓂᕆᔨᖅ ᖃᐅᓂᖅ ᓯᔅᑐᒪᖏᓐᓄᑕ ᒪᑯᑦ:

- ᐃᒥᖅ ᑕᐃᒪᐃᑦᑐᕿᓇᖅ ᓯᓚ ᒪᓕᓐᓴᐅᑦ ᐊᑐᑕᐅᔭᑯᓯᐅᒪᔪᓂᖅ ᐃᒪᓕᕆᔨᐸᑎᓐᓄᑯᑦ ᓕᓴᖃᖅᓯᓚᐅᖅ.

- ᐅᓴᖅᑭᕆᐊᒥᐅᓂᑦ ᐊᐳᑕᑯᑦ ᐃᓂᒥᓂᑦ ᓯᓚ ᑕᐃᒪᐃᓕᓐᓄᓪᓕᑦ ᐃᓂᓕᓐᓂᑦᑕᓂᑦ ᐊᐳᑕᓇᖅᑎᑦᑐᑦ.

- ᐱᓴᕆᐊᑐᖅᑎᑦᑐᑦ ᐊᑦᑭᑎᐊᖅᑕᐅᔭᑦᓯᑎᓐᓄᑦ ᓴᓇᓴᐅᑎᐊᖅᑕᐅᔭᖅᑐᑦ, ᓄᓇ ᐱᑕᖅᓛᐅᓯᓱᖅ ᐊᑦᑭᑎᐊᖅᑕᐅᔭᑦᓯᑎᓂᓂ ᐃᓚᒪᓂᖅᓴᐅᓕᖅᑐᖅ ᐱᑕᓕᓂᖅ ᐃᒪᒋᐊᐃᓂᑐᖅᑕᓕᓐᓂ ᐊᐳᑕᑯᓂᖅ ᐅᓴᖅᑲᓂᖅ ᐃbᓂ Shear Lake-ᒥ, ᐅᓴᖅᑭᕆᐊᒥᐅᓂᖅᑕᓕᓐᓂ ᐅᓐᓂ ᑕᓯᖅ No. 1-ᒥ ᐊᖏᑯᑎᓴᒥᑦ ᑯᐳᓛᓴᖅ ᐊᑦᑭᑎᐊᖅᑕᐅᔭᑦᓯᑎᓂᓂ ᐊᒻᒪᓗ ᓄᓇ ᓇᓕᒧᓕᖅᑕᐅᔭᑦᓯᑎᓂᓂ ᐅᓴᖅᑲᓂᖅ ᐱᓕᕆᓚᓛᓂᖅ ᓄᓇᒥ ᐃᑎᖅᓴᖅ ᐊᐳᑕᑯᑕᓕᒥ ᓴᐅᓯᒪᔪᖅ.

ᐱᓴᓱᖅᑕᐅᔪᒪᖖᓂᐊᖅᑐᑦ ᖁᑯᓕᓂᑦ ᐊᐅᓴᖅ ᔫᓕᐃ 2005-ᒥ ᐊᖏᕐᒧᒍᒪᔭᕆᐊᑯᑦ ᖃᐅᔨᒪᔭᖅᑕᐅᔪᓴᖅᑭᑦ.

EXECUTIVE SUMMARY

The Cullaton Lake Gold mine is a recognized closed mine site located in the southern part of the District of Keewatin in the Nunavut Territory. The property is 250 km west of Arviat, Nunavut, 400 km northwest of Churchill, Manitoba, and 645 km north of Thompson, Manitoba.

During 2004 there were no activities at the site other than conducting the annual site inspection, water quality and thermistor monitoring and the tailings dam geotechnical inspection required pursuant to Water License No. NWB1CUL0207. These activities occurred on July 7, 2004.

Summarized, the results of the inspections and monitoring indicate that:

- Water quality continues to remain with the guidelines specified in the water license.
- The tailings storage facility continues to remain stable.
- A minor amount of maintenance work is required, in the form of vegetation enhancement on the encapsulated waste rock at Shear Lake, Tailings Pond No. 1 spillway repair and re-contouring to cover minor settlement in the quarry pit waste disposal area cover.

It is intended to complete the above maintenance work during the July 2005 annual inspection.

1.0 SITE LOCATION AND HISTORY

Cullaton Lake Gold Mines Ltd. is a wholly owned subsidiary of Barrick Gold Inc. (Barrick) which in turn is a wholly owned subsidiary of Barrick Gold Corporation.

The Cullaton Lake Gold mine is a recognized closed mine site located in the southern part of the District of Keewatin in the Nunavut Territory. The property is 250 km west of Arviat, Nunavut, 400 km northwest of Churchill, Manitoba, and 645 km north of Thompson, Manitoba (see figure 1).

The mine was in operation for four years from 1981 to 1985. Following operation, the mine was in a care and maintenance mode from 1985 to 1991.

Decommissioning was initiated in 1991 with the rehabilitation of Tailings Pond No. 1, which included construction of a spillway in the dam and the covering of exposed tailings with water or till/mine rock. In addition, the water level in Tailings Pond No. 2 (the polishing pond) was lowered by partial removal of the dam (see figures 2 and 3 for site features).

Between 1991 and 1993, the fresh water intake, pump house and pipelines at the old diamond drill camp on the Kognak River were dismantled and removed. In 1995 and 1996 the mill buildings were dismantled. Some of the inert, non-salvageable material was crushed and placed in the quarry pit. In 1997, additional cover material was placed over the tailings area and the area was seeded and fertilized with a special arctic seed mix, as was the former mill site. During the winter of 1998/99 some salvageable equipment and material was removed from the property.

During the summer of 2001, all remaining inert material was placed in the former quarry pit and covered with 2 meters of till. All waste oils and hydraulic fluids, as well as tires and batteries were removed from equipment prior to burial and subsequently airlifted to Thompson, Manitoba for proper disposal. In addition, waste rock at the Shear Lake Portal area, which had been determined to be acid generating, was collected and encapsulated in till adjacent to the portal.

In 2003, pursuant to a condition of the existing water license, an attempt was made to install thermistors in the encapsulated waste rock at Shear Lake. The attempt failed and as a result a request as been submitted to remove this condition from the license.

Since 2003, the only site activity has been annual monitoring pursuant to the Water License.

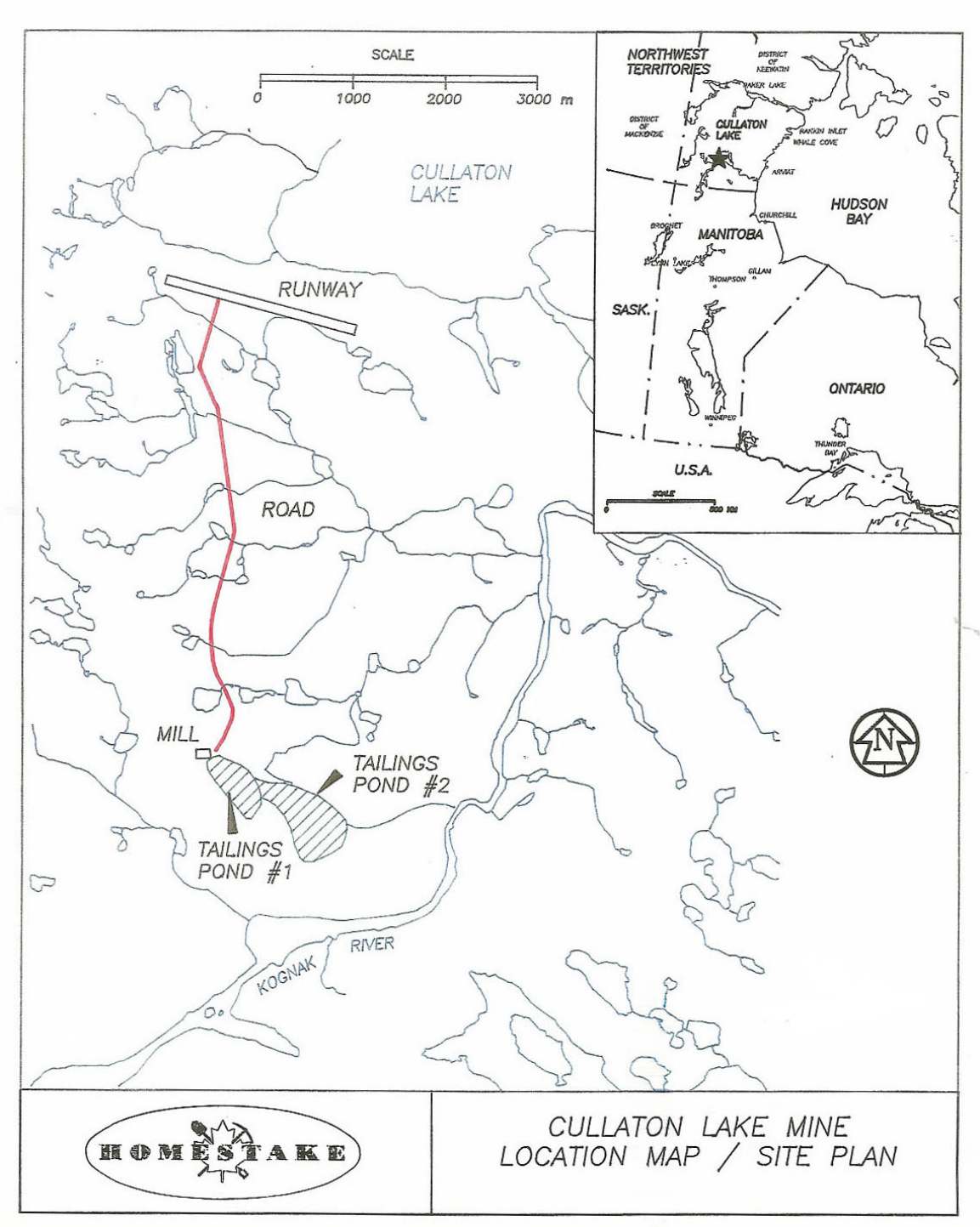
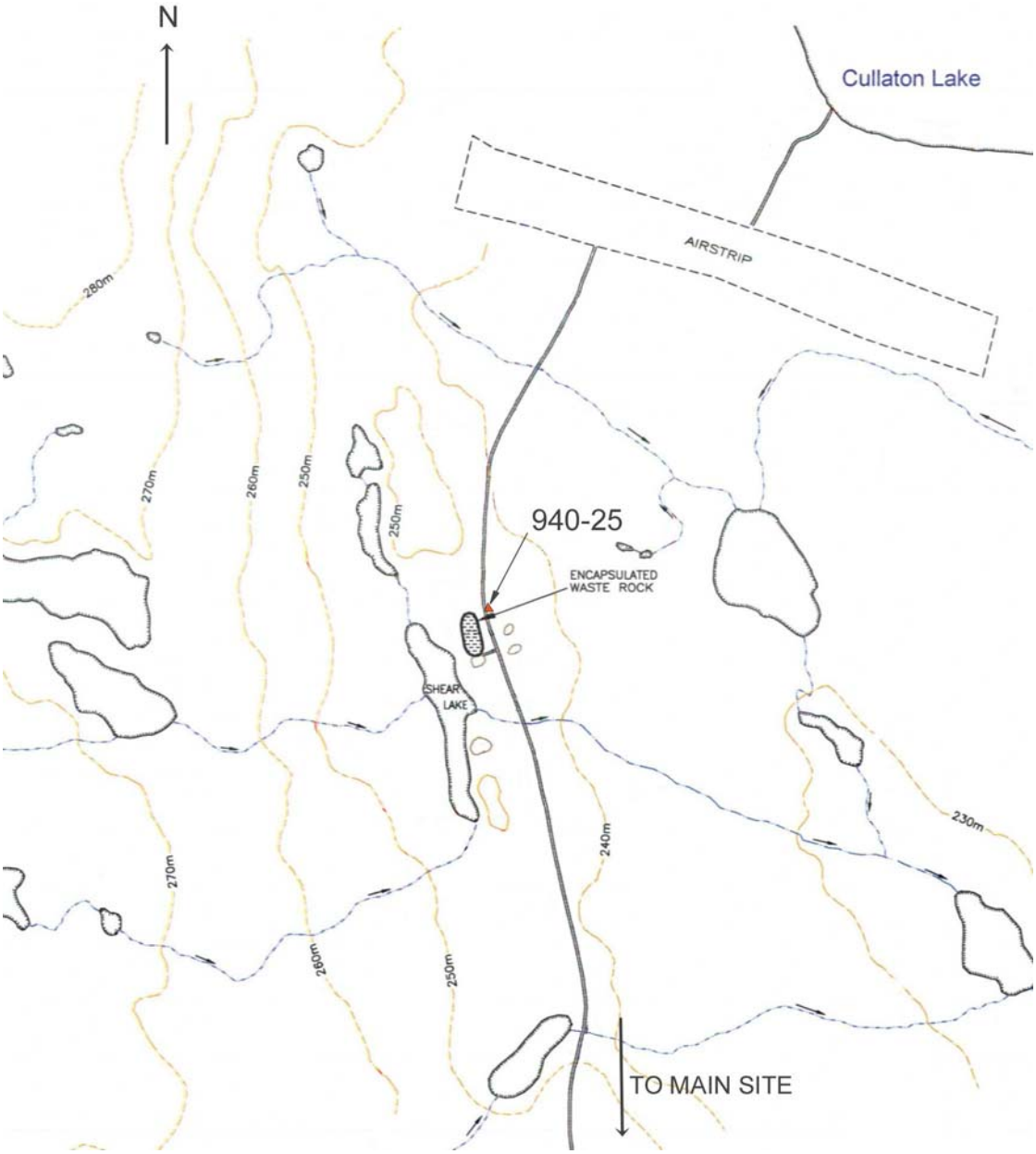
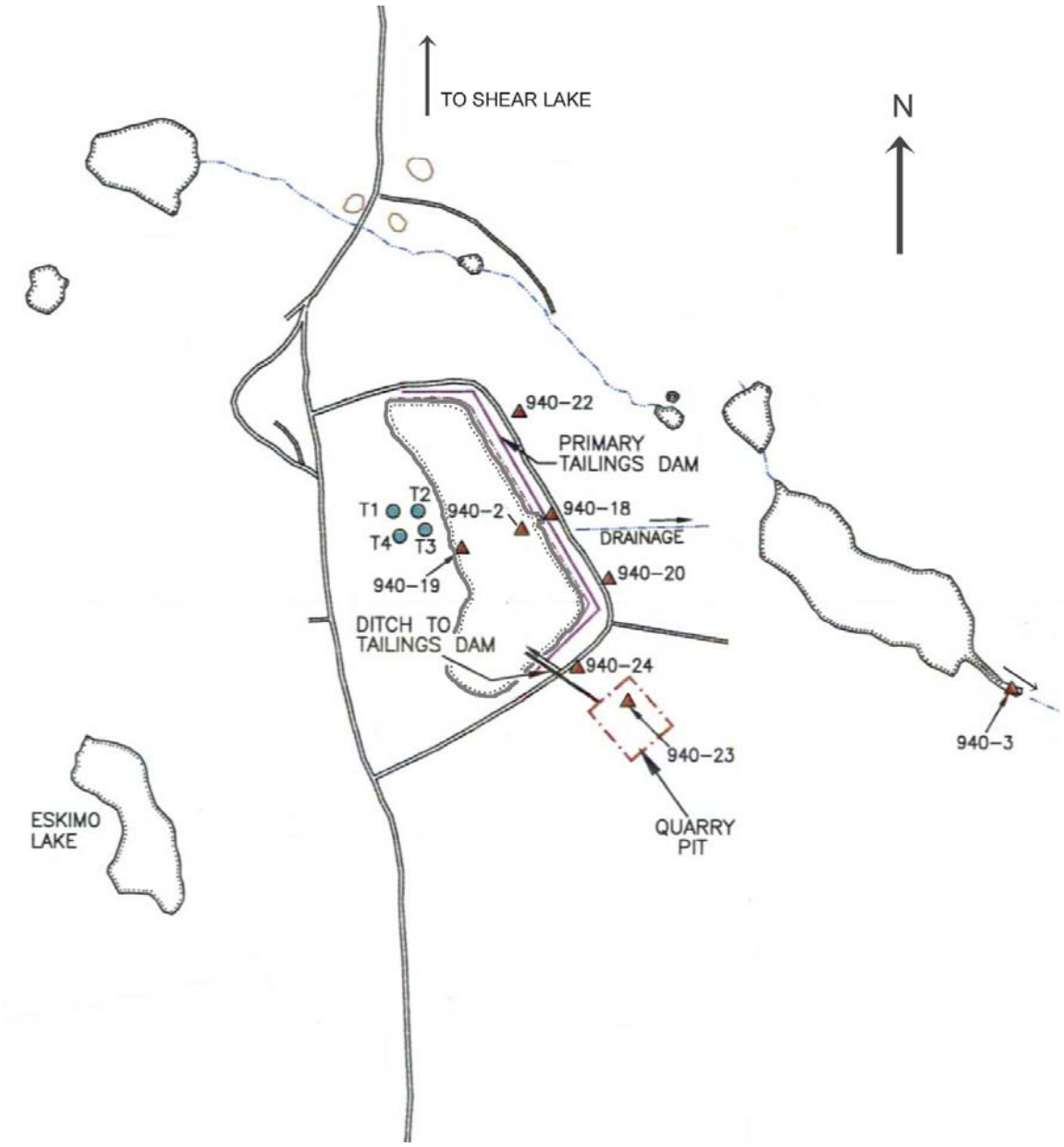


Figure 1: Cullaton Lake Mine location and general site layout



Legend:
940-25: Water sample station

Figure 2: Cullaton Lake Shear Lake site showing features and water sampling station (not to scale).



Legend:
T1: Thermistor station
940-2: Water sample station

Figure 3: Cullaton Lake main site showing features, water sampling and thermistor stations (not to scale).

2.0 2004 ACTIVITIES

A site inspection of the closed Cullaton Lake Gold Mine (Cullaton Lake) was conducted on July 7, 2004. Due to management reorganization earlier in 2004, additional personnel attended during this inspection for orientation purposes. These included:

Barrick Personnel:

John Martschuk, Director, Environmental Services, Canada
John Meyer, Manager, Geotechnical Engineering
Paul Brugger, Closed Properties Manager, Eastern Canada, future site manager

Hemmera Envirochem Inc.:

Vernon Betts, Senior Environmental Manager, former site manager

Trow Associates Inc.:

Demetri Georgiou, Principle, qualified geotechnical engineer

Access to the site was via a chartered aircraft from Thompson, Manitoba and approximately 7 hours were spent on site.

During this inspection, water samples required pursuant to Water License NWB1CUL0207 were collected. In addition, visual inspections were conducted of the quarry pit, tailings area and dams, encapsulated waste rock near Shear Lake and the site in general. There were no weather related or other issues affecting the inspection.

There were no other activities carried out at the Cullaton Lake site in 2004.

3.0 WATER LICENSE NWB1CUL0207 SUPPLEMENTAL CONDITIONS AND NOTES

Management of Cullaton Lake is conducted pursuant to Water License NWB1CUL0207, which was issued on October 2, 2002 and will expire on September 30, 2007.

On November 13, 2003, application was made to the Nunavut Water Board to change the name on License NWB1CUL0207 from Homestake Canada Inc. to Barrick Gold Inc. to reflect changes resulting from the 2001 merger of Barrick Gold Corporation and Homestake Mining Company.

Water License NWB1CUL0207 required the installation of thermistors in the encapsulated waste rock at Shear Lake. An unsuccessful attempt was made to do this in July 2003. Subsequently, a report was submitted to the Nunavut Water Board on November 25, 2003 detailing this attempt and requesting that this requirement be removed from the License.

Part F, Article 5 of the License required submission of an application for amendment to the approved Abandonment and Restoration Plan by January 1, 2003 (subsequently extended to March 31, 2003) for the new waste rock disposal area on the shores of Shear Lake. The application for amendment with supporting documentation was submitted to the Nunavut Water Board on March 31, 2003.

Part G, Article 4a of the License required submission to the Board of a Site Map of the Project Environmental Impact Area with active Surveillance Network Program (SNP) Stations within 60 days of issuance of the License. The required site map was submitted to the Nunavut Water Board on December 16, 2002.

Part G, Article 4b of the License required submission of GPS coordinates of all surface and subsurface sampling points. The required GPS coordinates were submitted to the Nunavut Water Board on August 29, 2003.

On October 20, 2004, the NWB requested in their review letter that 2003 laboratory Quality Control (QC) data, omitted in the 2003 Annual water License report, be included as an addendum in this report. The required QC data is included with this report as Addendum 1.

4.0 SITE INSPECTION

An inspection was performed during the 2004 visit to assess general site conditions and identify any areas of concern. In general, the site was found in good condition. Select photos are included in Appendix 1. Some minor maintenance issues were identified. These are as follows:

Shear Lake:
A minor amount of seepage was noted flowing into grassland across the access road northeast of the encapsulated waste rock (see photo 2, Appendix 1). It is felt that the seepage was due to spring run-off infiltrating the waste rock cover, in turn due to lack of an established vegetative cover. No damage to the receiving grassland was observed.

No 1 Pond Spillway:
A portion of the liner in the No.1 pond spillway is exposed. According to the geotechnical engineer, this issue was noted in the 1996 geotechnical inspection but was apparently never addressed.

Quarry Pit:
A minor amount of settlement is present in one location on the quarry pit landfill cover (see photo 3, Appendix 1).

5.0 WATER QUALITY MONITORING

Duplicate water sampling was completed on July 7, 2004 at 7 of the 9 stations identified in the water license (see Figures 2 and 3 for locations). The following is a brief description of the sampling activities. Sampling and QC results are included in Appendix 2. Recent historic results are also included for comparison.

Station 940-2 (Tailings Pond No. 1 at discharge to Tailings Pond No. 2) – Duplicate water samples were collected on July 7. All parameters were below the limits prescribed in the Water License.

Station 940-3 (Tailings Pond No. 2) – Duplicate water samples were collected on July 7. All parameters were below the limits prescribed in the Water License**.**

Station 940-18 (Tailings Pond No. 1 spillway) – Duplicate water samples were collected on July 7. All parameters were below the limits prescribed in the Water License.

Station 940-19 (Tailings Pond No. 1 at piezometer) – Duplicate water samples were collected on July 7. All parameters were below the limits prescribed in the Water License.

Station 940-20 (Tailings Pond No. 1 seepage at east side) – Duplicate water samples were collected on July 7. All parameters were below the limits prescribed in the Water License.

Station 940-22 (Tailings Pond No. 1 seepage at northeast corner) – As in past years, there was no seepage at this location on July 7 and, consequently no samples were collected.

Station 940-23 (Quarry Pit) – Duplicate water samples were collected on July 7. All parameters were below the limits prescribed in the Water License. In addition there was no visible sheen indicating the presence of oil /grease.

Station 940-24 (Quarry Pit flow to Tailings Pond No. 1) - There was no flow from the Quarry Pit to Tailings Pond No. 1 on July 7 and, consequently no samples were collected.

Station 940-25 (Seepage from Shear Lake Encapsulated Waste Rock) - Duplicate water samples were collected on July 7 from minor seepage flowing into grassland on the east side of the structure (i.e. the seepage was not reporting to Shear Lake). All parameters were below the limits prescribed in the Water License with the exception of field measured pH. However, laboratory pH returned a value within the limits prescribed in the Water License. It is felt that the discrepancy is due to field equipment accuracy. A more accurate unit will be used in future programs.

6.0 THERMISTOR MONITORING

6.1 Tailings Thermistors

Thermistor readings for Station 940-21 are provided in Appendix 3. Recent historic readings are also provided for comparison.

6.2 Shear Lake Encapsulated Waste Rock Thermistors

As discussed in Section 1.0, Water License NWB1CUL0207 required the installation of thermistors in the encapsulated waste rock at Shear Lake. An unsuccessful attempt was made to complete this installation in July 2003. Subsequently, a report was submitted to the Nunavut Water Board detailing this attempt and requesting that this requirement be removed from the License.

7.0 GEOTECHNICAL INSPECTION

Demetri Georgiou, Trow Associates, performed the geotechnical inspection on July 7, pursuant to Part C, Article 1d of the Water License. John Meyer, Manager, Geotechnical Engineering for Barrick accompanied Mr. Georgiou during the inspection and provided input. Barrick did not receive a draft copy of the inspection report within the time limit required by the License and in fact did not receive a draft copy until mid February 2005. As a result the report has been forwarded concurrent with this document. Barrick apologizes for any inconvenience this may have caused.

In summary the report indicates that the tailings dam remains stable. The report also recommends that minor spillway repair is required as noted in the site inspection section. It is intended to implement this recommendation in 2005 (see Section 11 below).

8.0 ANNUAL REVIEW OF SPILL RESPONSE PLAN

Pursuant to Part E of the Water License, a review and update of the Spill Response Plan was conducted in February 2005. An updated version is included as Appendix 4

9.0 ANNUAL REVIEW OF ABANDONMENT AND RESTORATION PLAN

Pursuant to Part F, Article 4 of the Water License, an annual review of the Abandonment and Restoration Plan was completed in February 2005. There were no changes to the plan subsequent to the approved amendments listed in Article1.

In anticipation of receiving approval for the disposal method used for the Shear Lake waste rock and the completion of minor maintenance as outlined below, no further restoration work is planned for the Cullaton Lake site.

10.0 ANNUAL REVIEW OF QUALITY ASSURANCE / QUALTY CONTROL

Pursuant to Part G, Article 3, an annual review of the approved quality assurance / quality control plan (QA/QC) was conducted. No changes were deemed necessary. QA/QC control is provided by a contract laboratory, ALS Environmental, according to its standard quality assurance/quality control plan. This includes the supply of sample containers and supplies, and laboratory quality assurance/quality control. It also includes duplicate analysis of one sample from each sampling program. ALS Environmental QC results are included in Appendix 2.

11.0 2005 PROPOSED PROGRAM

The 2005 program will consist of a site inspection, water quality and thermistor monitoring and tailings dam geotechnical inspection. During this trip minor deficiencies noted during the 2004 annual inspection will be corrected. This will include the following:

- Shear Lake Encapsulated Waste Rock:

  Although Barrick acknowledges that artificially introducing vegetation is not required pursuant to the Final Abandonment and Restoration Plan, it is felt that establishing a healthy vegetative cover earlier than natural infestation will create the desired conditions for containing the waste rock sooner. This should reduce the observed seepage substantially if not totally. The arctic seed mix previously recommended by the NWB will be used.

- Tailings No. 1 Pond Spillway:

  Minor rip-rap repair will be completed to cover the exposed liner.

- Quarry Pit Cover:

  Minor ground settlement will be repaired on the quarry pit cover.

The above work is expected to take one to two days.

Appendix 1
Cullaton Lake Site Photos
July 7, 2004

Photo 1: Cullaton Lake site, looking northwest, July 7, 2004

Photo 2: Area of seepage at northeast corner of encapsulated waste rock, July 7, 2004

Photo 3: Minor settlement in quarry pit cover, July 7, 2004

Photo 4: Flooded portion of Quarry Pit, looking southeast, July 7, 2004

Photo 5: Flooded portion of Tailings No.1 Pond, looking northwest from spillway, July 7, 2004

Photo 6: Flooded portion of former polishing pond, looking west from spillway, July 7, 2004

Photo 7: Former Shear Lake Portal, July 7, 2004

Photo 8: Former B Zone Portal, July 7, 2004

Photo 9: Former Fresh Air Raise, July 7, 2004

Appendix 2
July 7, 2004
Water Quality Monitoring Results

Cullaton Lake
Water Quality Monitoring Results
July 7, 2004

Location	Sample Number	Field PH	Temperature °C	Lab PH	Suspended Solids mg/L	Total Cyanide mg/L	Total Arsenic mg/L	Total Copper mg/L	Total Lead mg/L	Total Mercury mg/L	Total Nickel mg/L	Total Zinc mg/L
Tailings Pond No. 1	940-2A	7.5	15.3	7.77	<3.0	<0.0050	0.00159	0.0014	<0.0010	<0.000050	<0.020	<0.0050
(at discharge)	940-2B			7.78	<3.0	0.0064	0.00139	0.0013	<0.0010	<0.000050	<0.020	<0.0050
Tailings Pond No. 2	940-3A	7.6	19.3	7.96	<3.0	0.0072	0.00305	0.0043	<0.0010	<0.000050	<0.020	<0.0050
	940-3B			7.90	<3.0	0.0126	0.00308	0.0044	<0.0010	<0.000050	<0.020	<0.0050
Tailings Pond No. 1	940-18A	7.9	18.5	7.89	<3.0	0.0096	0.00165	0.0018	<0.0010	<0.000050	<0.020	<0.0050
(spillway)	940-18B			7.88	<3.0	0.0100	0.00177	0.0017	<0.0010	<0.000050	<0.020	<0.0050
Tailings Pond No. 1	940-19A	7.3	16.3	7.69	<3.0	0.0074	0.00209	0.0015	<0.0010	<0.000050	<0.020	<0.0050
(at piezometer)	940-19B			7.85	<3.0	0.0104	0.00191	0.0015	<0.0010	<0.000050	<0.020	<0.0050
Tailings Pond No. 1	940-20A	7.3	21.3	8.13	<3.0	0.0104	0.00297	0.0041	<0.0010	<0.000050	<0.020	<0.0050
(seepage at east side)	940-20B			8.16	3.4	0.0190	0.00302	0.0041	<0.0010	<0.000050	<0.020	<0.0050
Tailings Pond No. 1	940-22	Dry										
(seepage at northeast corner)												
Quarry Pit	940-23A	7.9	15.7	7.56	<3.0	<0.0050	0.00096	<0.0010	<0.0010	<0.000050	<0.020	0.0087
	940-23B			7.65	<3.0	<0.0050	0.00096	<0.0010	<0.0010	<0.000050	<0.020	0.0081
Quarry Pit	940-24	Dry										
(flow to Tailings Pond No. 1)												
Seepage from Shear Lake	940-25A	5.4	22.5	6.71	<3.0	0.0220	0.00181	0.0074	0.0085	<0.000050	<0.020	0.0484
Encapsulated Waste Rock	940-25B			6.72	<3.0	0.0166	0.00195	0.0074	0.0078	<0.000050	<0.020	0.0476

Cullaton Lake
Water Quality Monitoring
July 7, 2004
Quality Control Results

Parameter	Sample 940-3A	Replicate (1)	Sample 940-20B	Replicate (2)	Detection Limit
Lab pH	7.96	7.96	8.16	8.18	0.01
Total Suspended Solids mg/l	<3.0	N/A	3.4	N/A	3
Total Cyanide mg/l	0.0072	N/A	0.0190	N/A	0.0050
Total Arsenic mg/l	0.00305	0.00305	0.00302	0.00302	0.00010
Total Copper mg/l	0.0043	0.0042	0.0041	0.0041	0.0010
Total Lead mg/l	<0.0010	<0.0010	<0.0010	<0.0010	0.0010
Total Mercury mg/l	<0.000050	<0.000050	<0.000050	<0.000050	0.000050
Total Nickel mg/l	<0.020	<0.020	<0.020	<0.020	0.020
Total Zinc mg/l	<0.0050	<0.0050	<0.0050	<0.0050	0.0050

Notes:
(1) ALS Environmental QC # 394800
(2) ALS Environmental QC # 394801
N/A – not analyzed

CULLATON LAKE GOLD MINES LTD.

CULLATON LAKE MINE

WATER MONITORING RESULTS 2001 - 2004

STATION 940-02A - TAILNGS POND NO. 1 DISCHARGE

Physical and General	Units	Water License	July 26 2001	July 3 2002	July 29 2003	July 7 2004	MINIMUM	MAXIMUM	AVERAGE
pH (lab)	units	**6.0 - 9.5**	8.00	7.81	8.07	7.77	7.77	8.07	7.91
Temperature	^{o}C		21.6	14.1	21.0	15.3	14.1	21.6	18.0
Conductivity (lab)	uS/cm					479	479	479	479
Suspended Solids (105^{o}C)	mg/L	**25.0**	4	< 3	< 3	< 3	< 3	4	< 3
Total Cyanide	mg/L		0.015	0.009	< 0.005	< 0.0050	< 0.005	0.015	< 0.009
Minor Cations									
Arsenic	mg/L	**0.300**	0.0025	0.0022	0.0025	0.00159	0.00159	0.00250	0.00220
Copper	mg/L	**0.200**	0.002	0.002	0.002	0.0014	0.0014	0.0020	0.0019
Lead	mg/L	**0.200**	0.001	< 0.001	< 0.001	< 0.0010	< 0.001	< 0.0010	< 0.0010
Mercury	mg/L		< 0.00005	< 0.00005	< 0.00005	< 0.000050	< 0.00005	< 0.00005	< 0.00005
Nickel	mg/L	**0.300**	< 0.02	0.003	0.001	< 0.020	0.001	< 0.020	< 0.011
Zinc	mg/L	**0.300**	< 0.005	< 0.005	< 0.005	< 0.0050	< 0.005	< 0.005	< 0.005

Notes:
D: Dry
ND: None detected

CULLATON LAKE GOLD MINES LTD.

CULLATON LAKE MINE

WATER MONITORING RESULTS 2001 - 2004

STATION 940-03A - TAILNGS POND NO. 2 DISCHARGE

Physical and General	Units	Water License	July 26 2001	July 3 2002	July 29 2003	July 7 2004	MINIMUM	MAXIMUM	AVERAGE
pH (lab)	units	**6.0 - 9.5**	8.29	8.05	8.07	7.96	7.96	8.29	8.09
Temperature	^{o}C		21.6	15.7	20.8	19.3	15.7	21.6	19.4
Conductivity (lab)	uS/cm					214	214	214	214
Suspended Solids (105^{o}C)	mg/L	**25.0**	< 3	< 3	5	< 3	< 3	5	< 4
Total Cyanide	mg/L		0.035	0.010	0.010	0.0072	0.0072	0.035	0.016
Minor Cations									
Arsenic	mg/L	**0.300**	0.0042	0.0032	0.0059	0.00305	0.00305	0.00590	0.00409
Copper	mg/L	**0.200**	0.003	0.003	0.003	0.0043	0.0030	0.0043	0.0033
Lead	mg/L	**0.200**	< 0.001	< 0.001	< 0.001	< 0.0010	< 0.001	< 0.0010	< 0.0010
Mercury	mg/L		< 0.00005	< 0.00005	< 0.00005	< 0.000050	< 0.00005	< 0.00005	< 0.00005
Nickel	mg/L	**0.300**	< 0.02	0.003	0.004	< 0.020	0.003	< 0.020	< 0.012
Zinc	mg/L	**0.300**	< 0.005	< 0.005	< 0.005	< 0.0050	< 0.005	< 0.005	< 0.005

Notes:
D: Dry
ND: None detected

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CULLATON LAKE MINE

WATER MONITORING RESULTS 2001 - 2004

STATION 940-18A - TAILNGS POND NO. 1 SPILLWAY DISCHARGE

Physical and General	Units	Water License	July 26 2001	July 3 2002	July 29 2003	July 7 2004	MINIMUM	MAXIMUM	AVERAGE
pH (lab)	units	**6.0 - 9.5**	8.10	7.86	8.87	7.89	7.86	8.87	8.18
Temperature	^{o}C		21.5	14.2	20.5	18.5	14.2	21.5	18.7
Conductivity (lab)	uS/cm					521	521	521	521
Suspended Solids (105^{o}C)	mg/L	**25.0**	< 3	< 3	4	< 3	< 3	4	< 3
Total Cyanide	mg/L		0.009	0.008	0.009	0.0096	0.008	0.010	0.009
Minor Cations									
Arsenic	mg/L	**0.300**	0.0023	0.0021	0.0029	0.00165	0.00165	0.0029	0.0022
Copper	mg/L	**0.200**	0.002	0.001	0.002	0.0018	0.001	0.002	0.0017
Lead	mg/L	**0.200**	< 0.001	< 0.001	< 0.001	< 0.0010	< 0.001	< 0.001	< 0.001
Mercury	mg/L		< 0.00005	< 0.00005	< 0.00005	< 0.000050	< 0.00005	< 0.00005	< 0.00005
Nickel	mg/L	**0.300**	< 0.02	0.002	0.001	< 0.020	0.001	< 0.020	< 0.011
Zinc	mg/L	**0.300**	< 0.005	< 0.005	< 0.005	< 0.0050	< 0.005	< 0.005	< 0.005

Notes:
D: Dry
ND: None detected

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CULLATON LAKE MINE

WATER MONITORING RESULTS 2001 - 2004

STATION 940-19A - TAILNGS POND NO. 1 PIEZOMETER

Physical and General	Units	Water License	July 26 2001	July 3 2002	July 29 2003	July 7 2004	MINIMUM	MAXIMUM	AVERAGE
pH (lab)	units	**6.0 - 9.5**	8.11	7.89	8.08	7.69	7.69	8.11	7.94
Temperature	^{o}C		22.0	12.7	20.8	16.3	12.7	22.0	18.0
Conductivity (lab)	uS/cm					511	511	511	511
Suspended Solids (105^{o}C)	mg/L	**25.0**	< 3	< 3	8	< 3	< 3	8	< 4
Total Cyanide	mg/L		0.010	0.012	< 0.005	0.0074	< 0.005	0.012	< 0.009
Minor Cations									
Arsenic	mg/L	**0.300**	0.0024	0.0030	0.0036	0.00209	0.00209	0.0036	0.0028
Copper	mg/L	**0.200**	0.002	0.002	0.002	0.0015	0.0015	0.002	0.0019
Lead	mg/L	**0.200**	< 0.001	0.001	< 0.001	< 0.0010	< 0.001	< 0.001	< 0.001
Mercury	mg/L		< 0.00005	< 0.00005	< 0.00005	< 0.000050	< 0.00005	< 0.00005	< 0.00005
Nickel	mg/L	**0.300**	< 0.02	0.003	0.002	< 0.020	0.002	< 0.020	< 0.011
Zinc	mg/L	**0.300**	< 0.005	< 0.005	< 0.005	< 0.0050	< 0.005	< 0.005	< 0.005

Notes:
D: Dry
ND: None detected

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CULLATON LAKE MINE

WATER MONITORING RESULTS 2001 - 2004

STATION 940-20A - TAILNGS POND NO. 1 EAST SIDE SEEPAGE

Physical and General	Units	Water License	July 26 2001	July 3 2002	July 29 2003	July 7 2004	MINIMUM	MAXIMUM	AVERAGE
pH (lab)	units	**6.0 - 9.5**	8.43	D	D	8.13	0	8.43	4.14
Temperature	^{o}C		24.3	D	D	21.3	0	24.3	11.4
Conductivity (lab)	uS/cm		NA	D	D	642	0	642	161
Suspended Solids (105^{o}C)	mg/L	**25.0**	5	D	D	< 3	0	5	< 2
Total Cyanide	mg/L		0.019	D	D	0.0104	0	0.019	0.007
Minor Cations									
Arsenic	mg/L	**0.300**	0.0028	D	D	0.00297	0	0.00297	0.0014
Copper	mg/L	**0.200**	0.005	D	D	0.0041	0	0.005	0.0023
Lead	mg/L	**0.200**	< 0.001	D	D	< 0.0010	0	< 0.001	< 0.0005
Mercury	mg/L		< 0.00005	D	D	< 0.000050	0	< 0.00005	< 0.00003
Nickel	mg/L	**0.300**	< 0.02	D	D	< 0.020	0	< 0.020	< 0.010
Zinc	mg/L	**0.300**	< 0.005	D	D	< 0.0050	0	< 0.005	< 0.003

Notes:
D: Dry
NA: Not analyzed
ND: None detected

CULLATON LAKE GOLD MINES LTD.

CULLATON LAKE MINE

WATER MONITORING RESULTS 2001 - 2004

STATION 940-22A - TAILNGS POND NO. 1 NORTH EAST CORNER SEEPAGE

Physical and General	Units	Water License	July 26 2001	July 3 2002	July 29 2003	July 7 2004
pH (lab)	units	**6.0 - 9.5**	D	D	D	D
Temperature	^{o}C		D	D	D	D
Conductivity (lab)	uS/cm		D	D	D	D
Suspended Solids (105^{o}C)	mg/L	**25.0**	D	D	D	D
Total Cyanide	mg/L		D	D	D	D
Minor Cations						
Arsenic	mg/L	**0.300**	D	D	D	D
Copper	mg/L	**0.200**	D	D	D	D
Lead	mg/L	**0.200**	D	D	D	D
Mercury	mg/L		D	D	D	D
Nickel	mg/L	**0.300**	D	D	D	D
Zinc	mg/L	**0.300**	D	D	D	D

Notes:
D: Dry
ND: None detected

CULLATON LAKE GOLD MINES LTD.

CULLATON LAKE MINE

WATER MONITORING RESULTS 2001 - 2004

STATION 940-23A - QUARRY PIT

Physical and General	Units	Water License	July 26 2001	July 3 2002	July 29 2003	July 7 2004	MINIMUM	MAXIMUM	AVERAGE
pH (lab)	units	**6.0 - 9.5**	D	7.82	8.07	7.56	0	8.07	5.86
Temperature	^{o}C		D	12.7	20.7	15.7	0	20.7	12.3
Conductivity (lab)	uS/cm		D			83.7	0	84	42
Suspended Solids (105^{o}C)	mg/L	**25.0**	D	< 3	10	< 3	0	10	< 4
Total Cyanide	mg/L		D	< 0.005	0.006	< 0.0050	0	< 0.006	< 0.004
Minor Cations									
Arsenic	mg/L	**0.300**	D	0.0020	0.0019	0.00096	0	0.0020	0.0012
Copper	mg/L	**0.200**	D	0.003	0.002	< 0.0010	0	0.003	< 0.0015
Lead	mg/L	**0.200**	D	< 0.001	< 0.001	< 0.0010	0	< 0.0010	< 0.0008
Mercury	mg/L		D	< 0.00005	< 0.00005	< 0.000050	0	< 0.00005	< 0.00004
Nickel	mg/L	**0.300**	D	0.003	0.002	< 0.020	0	< 0.020	< 0.006
Zinc	mg/L	**0.300**	D	0.008	0.007	0.0087	0	0.0087	0.0059

Notes:
D: Dry
ND: None detected

CULLATON LAKE GOLD MINES LTD.

CULLATON LAKE MINE

WATER MONITORING RESULTS 2001 - 2004

STATION 940-24A - QUARRY PIT SEEPAGE TO TAILINGS POND NO.1

Physical and General	Units	Water License	July 26 2001	July 3 2002	July 29 2003	July 7 2004
pH (lab)	units	**6.0 - 9.5**	D	D	D	D
Temperature	^{o}C		D	D	D	D
Conductivity (lab)	uS/cm		D	D	D	D
Suspended Solids (105^{o}C)	mg/L	**25.0**	D	D	D	D
Total Cyanide	mg/L		D	D	D	D
Oil and Grease	mg/L	**If visible**	D	D	D	D
Minor Cations						
Arsenic	mg/L	**0.300**	D	D	D	D
Copper	mg/L	**0.200**	D	D	D	D
Lead	mg/L	**0.200**	D	D	D	D
Mercury	mg/L		D	D	D	D
Nickel	mg/L	**0.300**	D	D	D	D
Zinc	mg/L	**0.300**	D	D	D	D

Notes:
D: Dry
ND: None detected

CULLATON LAKE GOLD MINES LTD.

CULLATON LAKE MINE

WATER MONITORING RESULTS 2001 - 2004

STATION 940-25A - SEEPAGE FROM WASTE ROCK DUMP TO SHEAR LAKE

Physical and General	Units	Water License	July 26 2001	July 3 2002	July 29 2003	July 7 (1) 2004
pH (lab)	units	**6.0 - 9.5**	D	D	D	6.71
Temperature	^{o}C		D	D	D	22.5
Conductivity (lab)	uS/cm		D	D	D	88.7
Suspended Solids (105^{o}C)	mg/L	**25.0**	D	D	D	< 3
Total Cyanide	mg/L		D	D	D	< 0.0220
Minor Cations						
Arsenic	mg/L	**0.300**	D	D	D	0.00181
Copper	mg/L	**0.200**	D	D	D	0.0074
Lead	mg/L	**0.200**	D	D	D	0.0085
Mercury	mg/L		D	D	D	< 0.000050
Nickel	mg/L	**0.300**	D	D	D	< 0.020
Zinc	mg/L	**0.300**	D	D	D	0.0484

Notes:
D: Dry
ND: None detected
(1) The seepage analyzed was not reporting to Shear Lake. It was flowing east into grasslands.

Cullaton Lake
Water Quality Monitoring Results
2001- 2004

Appendix 3
July 7, 2004
Thermistor Monitoring Results

THERMISTOR MONITORING RESULTS
Station 940-21
Temperature °C

July 7, 2004

Depth	T1	T2	T3	T4
0.3m	25.46	22.43	26.91	24.99
0.8m	9.69	8.12	21.26	8.89
1.3m	2.76	3.48	10.54	2.76
1.8m	-0.66	0.16	2.62	-0.66
2.3m	-2.10	-0.55	-0.78	-2.21
2.8m	-3.23	-1.67	No reading	-1.89

July 29, 2003

Depth	T1	T2	T3	T4
0.3m	20.8	19.1	20.8	17.5
0.8m	17.2	15.1	20.7	15.1
1.3m	9.9	10.3	17.2	10.3
1.8m	6.15	7.9	9.7	3
2.3m	1.68	5.8	5.8	-2.7
2.8m	0.28	No reading	No reading	-2.9

July 3, 2002

Depth	T1	T2	T3	T4
0.3m	17.5	19.12	No reading	20.83
0.8m	4.53	6.15	No reading	7.93
1.3m	1.68	1.68	No reading	4.53
1.8m	-3.91	0.41	No reading	1.68
2.3m	-5.72	-0.78	No reading	0.41
2.8m	-3.91	-2.42	No reading	4.1

July 26, 2001

Depth	T1	T2	T3	T4
1	25.46	18.13	21.65	20.89
2	12.58	3.33	13.83	4.84
3	-2.52	1.94	4.84	3.05
4	-2.73	-1.45	-0.66	-2.52
5	-3.13	-5.37	-3.72	-7.2
6	-3.72	-5.55	-4.29	-7.2

Appendix 4
2005 Spill Response Plan

CULLATON LAKE
ENVIRONMENTAL SPILL RESPONSE PLAN

COMPANY INFORMATION

Cullaton Lake Gold Mines Ltd. is wholly owned by Barrick Gold Inc. The Barrick head office responsible for the site is located at:

Barrick Gold Inc.
BCE Place, Canada Trust Tower, Suite 3700
161 Bay Street, P.O. Box 212
Toronto, Ontario
M5J 2S1

The site manager is:

Paul Brugger,
Phone: 807-964-1657 (Thunder Bay, Ontario)
Cell: 807-473-7947

SITE LOCATION:

The Cullaton Lake property is located in the southern part of the District of Keewatin in the Nunavut Territory. The property is 250 km west of Arviat, NU, 400 km northwest of Churchill, Manitoba and 645 km north of Thompson, Manitoba.

FACILITY:

Cullaton Lake operated as an underground gold mine for four years from 1981 to 1985. Decommissioning and reclamation began in 1991 and was completed in 2001. By the end of 2001, all mine buildings had been removed, roads were decommissioned and the tailings impoundment area was reclaimed. No chemicals, fuels or reagents remain on site.

Remaining activities on the site consist of a one-day annual visit for inspection and monitoring purposes. The site is dormant and uninhabited for the remainder of the year.

SPILL CONTROL AND REPORTING PROCEDURES:

Should it be necessary to mobilize contractors to the site for any reason in the future, the contractor will be required to supply spill control and clean up materials, have a spill control plan and train personnel in spill response procedures.

Upon discovery of a spill, the person discovering the spill will take the following actions:

INITIAL ACTIONS:

a. Stop the flow if possible.
b. Eliminate open flame ignition sources (i.e. extinguish cigarettes, shut off motors (from a remote location if surrounded by vapours).
c. Contain flow of fuel by dyking, barricading or blocking flow by any means available. Use earth-moving equipment if available. A dam made of earth or other available fill can be quickly constructed to contain and prevent a spill from spreading. If the ground is permeable, it may be necessary to excavate a shallow depression and line it with plastic to prevent the oil from seeping away.

ACTION IN CASE OF FIRE:

a. Use $C0_2$, dry chemical, foam or water spray (fog), although water may spread the fire.
b. Use jet streams to wash away burning gasoline.
c. Use fog streams to protect any rescue team and trapped people.
d. Use water to cool surface of tanks.
e. Divert the oil or gasoline to an open area and let it burn off under control. If the fire is put out before all the fuel is consumed, beware of re-ignition. Rubber tires are almost impossible to extinguish after involvement with a fire. Have vehicles with burning tires removed from the danger area.

RECOVERY PROCEDURE:

a. Unburned oil or gasoline can be soaked up by sand and peat moss, or by commercial absorbents such as Graboil.
b. If necessary, contaminated soil should be excavated and disposed of as per the following section.
c. Fuel entering the ground can be recovered by digging sumps or trenches.

DISPOSAL:

a. Evaporation may be used if appropriate.
b. Disposal as per the approved Abandonment and Restoration (1996) Plan.

REPORTING:

An individual discovering a spill must report it as soon as possible to the 24 hour Spill Report Line by calling:

(867) 920-8130

(1) A person reporting a spill shall give as much of the following information as possible:

- date and time of spill
- location of spill
- direction spill is moving
- name and phone number of a contact person close to the location of the spill
- type and description of contaminant spilled including an estimate of the quantity
- cause of spill
- status of spill (i.e. continuing or stopped)
- action taken to contain, recover, clean-up, and dispose of contaminant
- name, address and phone number of person reporting the spill
- name of owner, or person in charge or control of contaminant at time of spill

(2) No person shall delay reporting a spill because of lack of knowledge of the factors listed in subsection (1).

(3) The person reporting the spill shall also contact Barrick Gold Inc. to report the spill and the clean-up and disposal actions. The contact person is:

Paul Brugger,
Site Manager
Phone: 807-964-1657
Cell: 807-473-7947

Alternate:
Bill Ferdinand
Director, Environment, Health and Safety,
North American Region
Phone: 801-990-3746
Cell: 801-244-3540

Addendum 1
2003 Laboratory Quality Control Results

Cullaton Lake Water Sampling
Water License NWB1CUL0207
July 29, 2003
Quality Control Results

Parameter	Sample 940-2B	Replicate (1)	Detection Limit
Lab pH	8.02	8.06	0.01
Total Suspended Solids mg/l	<3	<3	3
Total Cyanide mg/l	<0.005	N/A	0.005
Total Arsenic mg/l	0.0023	0.0024	0.0001
Total Copper mg/l	0.002	0.002	0.001
Total Lead mg/l	<0.001	<0.001	0.001
Total Mercury mg/l	<0.00005	<0.00005	0.00005
Total Nickel mg/l	0.002	0.002	0.001
Total Zinc mg/l	<0.005	<0.005	0.0050

Notes:
(1) ALS Environmental QC # 347790
N/A – not analyzed