

Toronto, 6 March 2005


Nunavut Water Board  
c/o Manager of Licensing  
P.O. Box 119  
Gjoa Haven, Nunavut  
X0B 1J0  
Tel: 867-360-6338  
Fax: 867-360-6369

Dear Ms. Beaulieu,

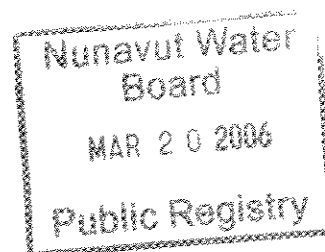
Please find enclosed the Maze Lake 2005 Annual Summary Report and the NWB Excel spreadsheet. There was no exploration program carried at Maze Lake in 2005 so activities were very limited.

If you have any question, comment or require any further information, please don't hesitate to contact me.

Respectfully submitted,



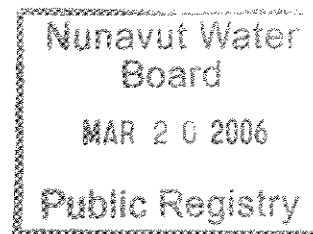
Jacques Simoneau, P. Geo  
Senior Project Geologist



# PLACER DOME (CLA) LIMITED

Suite 3201 – 130 Adelaide Street West  
Toronto, Ontario, Canada M5H 3P5

**2005 Annual Summary Report  
for  
Maze Lake Project Water Use and Waste Disposal  
License # NWB2MZE0406 Type B**



**Prepared by  
Nathalie Prud'homme, P.Geo  
Consulting Geologist  
2 March 2006**

**Maze Lake Project  
Water License 2005 Annual Report  
Placer Dome (CLA) Limited**

## **1. Introduction**

License NWB2MZE0406-Type B was issued on June 11, 2004 by NWB with a two years term, expiring on December 31, 2006. The license allows for the use of water and disposal of waste for the project's camp and exploration drilling operations. The quantity of water to be used is not to exceed 50 cubic metres daily obtained from nearby lakes. This report states the amount of water used, disposal activities that have been carried and reclamation work undertaken in 2005.

## **2. Exploration Activities in 2005**

A work plan was submitted in mid-March 2005 to carry a drill program but the exploration program was cancelled by Placer Dome in late June 2005. The only activities to have taken place in 2005 are the following:

- Demobilizing the drill rig, left on site after completing the 2004 drill program, back to Rankin Inlet. The work was carried by Kowmuk Freight of Rankin Inlet between February 22 and March 4 2005.
- Moving 200 drums of diesel and 140 drums of Jet A from Churchill, Manitoba, to the camp's fuel cache. The work was carried by M&T Enterprises from Rankin Inlet using Challengers in April 2005.
- A camp and fuel cache inspection was carried on May 18, 2005. The camp incinerator ashes were taken back to the Whale Cove municipal discharge.
- A camp and fuel cache inspection was carried between September 13-15, 2005. Tents were secured for the winter. Empty fuel drums were packed and secured to be ready for removal in 2006. All garbage was burned and ashes packed to be removed along with empty fuel drums. The latrine pit and the kitchen/bathroom sump were back-filled and leveled. A few leaking fuel drum seals were changed and the spill cleaned up.

## **3. Water use and waste disposal activities**

Water was used in one occasion, during the camp inspection carried between September 13-15, 2005. No pump was used. Water was withdrawn using plastic buckets. A total of 30 gallons (0.11 cubic metre) of water was used at this occasion for

domestic use. No water has been used for drilling or other activities. Location of water intake site is given in Table 1.

Waste was generated only during the September camp inspection. Camp waste (mainly kitchen refusal, cardboard boxes, plastic containers and papers were burned on site in a covered incinerator. Ashes were sealed into an empty drum to be taken to a municipal discharge in 2006. Metallic objects were packed separately in another drum to be taken out of site at the same occasion.

Kitchen greywaters produced during the September camp inspection were discharged in the covered sump used in 2004. Sewage went into the 2004 camp's pit latrine. Both sumps were back-filled and leveled before leaving the site. No waste was generated by drilling activities. Location of the waste disposal sites are given in table 1.

**Table 1: Location of water intake and discharge sites**

Site	Easting		Northing	
	Long-Lat	UTM NAD 83	Long-lat	UTM NAD 83
Camp water intake	93° 37' 54"	467199	62° 15' 46"	6903607
Camp greywaters	93° 37' 37"	467428	62° 15' 47'	6903653
Camp latrine	93° 37' 36"	467461	62° 15' 47'	6903645

#### **4. Unauthorized discharged and follow-up actions**

One fuel cache was used in 2005. It was located behind the camp (93° 37' 39"E, 62° 15' 52"N, UTM: 467418E 6903801N). Drums have been laid on their side, in rows with a maximum of 20 drums and at least 2 metres between each row. Bungs have been aligned horizontally. Each drum was inspected during the September visit and a total of 7 motive diesel drums were found to have leaked. Four of them had traces of fuel around the lid but no fuel was found on the ground. Two drums had leaked between 1 to 3 litres and one drum had leaked approximately 80 litres. Some of the drums delivered to site, including the leaking drums, were older that what had been ordered and their rubber seal was dry. It is suspected that the fuel has leaked through the seal during the hotter days of July. No drums were leaking at the time of the visit. The faulty seals were changed and bungs were tightened. Contaminated soil was removed, packed and sealed in empty drums to be taken out of site and holes filled back with clean sand. The spill site is on top of a flat sandy esker with sparse vegetation. Spills were contained in a small area underneath the drums. The spill was reported to the Spill Hot line on September 19, 2005.

Spill location: UTM NAD 83 Zone 15: Easting: 467437, Northing: 6903782

#### **5. The Spill Contingency Plan and Abandonment and Restoration Plan**

Both plans have not been revised since no exploration work was undertaken in 2005 and no work plan has been submitted yet for 2006.

#### **6. Reclamation work undertaken**

The drill rig and all ancillary equipment were removed from the property at the end of February 2005. The latrine and greywater sumps at camp were back-filled back and leveled. All garbage drums (ashes and metallic objects) and empty drums were packed and secured in one area near camp to be removed during 2006.

During the site visit in September, two drill sites from the 2004 exploration program were monitored to see if the reclamation work done in 2004 had been successful. It was found out that vegetation was not growing back. As the ground was already frozen and a new attempt would have likely failed it was decided to postpone the work in 2006.

The camp has been left standing until a decision about the project is reached.

## NWB Annual Report

Year being reported: 2005 ▼

License No: NWB2MZE0406 Issued Date: June 11, 2004  
 Expiry Date: Dec 31 2006

Project Name: Maze Lake

Licensee: Placer Dome (CLA) LTD

Mailing Address: 130 Adelaide Street West, Suite 3201, Toronto, Ontario. M5H 3P5

Name of Company filing Annual Report (if different from Name of Licensee please clarify relationship between the two entities, if applicable):

## General Background Information on the Project (\*optional):

Gold exploration project. Mapping, geophysical and drilling activities carried in 2004. No exploration program carried in 2005.

Licence Requirements: the licensee must provide the following information in accordance with

Part B ▼ Item 2 ▼

A summary report of water use and waste disposal activities, including, but not limited to: methods of obtaining water; sewage and greywater management; drill waste management; solid and hazardous waste management.

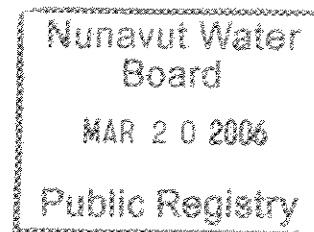
Water Source(s):	Lake nearby camp and lakes near drill sites	
Water Quantity:	10 cu.m /day	Quantity Allowable Domestic (cu.m)
	0.11 cu.m	Actual Quantity Used Domestic (cu.m)
	40 cu.m/day	Quantity Allowable Drilling (cu.m)
	0 cu.m	Total Quantity Used Drilling (cu.m)

## Waste Management and/or Disposal

- ☒ Solid Waste Disposal  
☒ Sewage  
☐ Drill Waste  
☒ Greywater  
☐ Hazardous  
☐ Other:

## Additional Details:

Solid waste (kitchen refusal, paper, cardboard, wood) was burned in the camp incinerator. Sewage was contained in the camp latrine. Greywaters were discharged in the greywater sump.



A list of unauthorized discharges and a summary of follow-up actions taken.

Spill No.:  (as reported to the Spill Hot-line)

Date of Spill:

Date of Notification to an Inspector:

Additional Details: (impacts to water, mitigation measures, short/long term monitoring, etc)

No impact on water. Spill was cleaned upon discovery. More details in the attached report.

#### Revisions to the Spill Contingency Plan

SCP submitted and approved - no revision required or proposed ▼

Additional Details:

SCP has not been revised since last submission as no work has been carried in 2005 and no work plan has been submitted yet for 2006.

#### Revisions to the Abandonment and Restoration Plan

AR plan submitted and approved - no revision required or proposed ▼

Additional Details:

AR has not been revised since last submission as no work has been carried in 2005 and no work plan has been submitted yet for 2006.

#### Progressive Reclamation Work Undertaken

Additional Details (i.e., work completed and future works proposed)

During a camp inspection in September 2005, the latrine pit and the greywater kitchen/bathroom sump were filled back. More details in the attached report.

#### Results of the Monitoring Program including:

**The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where sources of water are utilized;**

Details attached ▼

Additional Details:

See attached report

**The GPS Co-ordinates (in degrees, minutes and seconds of latitude and longitude) of each location where wastes associated with the licence are deposited;**

Details attached ▼

Additional Details:

See attached report

**Results of any additional sampling and/or analysis that was requested by an Inspector**

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (date of request, analysis of results, data attached, etc)

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**Any other details on water use or waste disposal requested by the Board by November 1 of the year being reported.**

No additional sampling requested by an Inspector or the Board ▼

Additional Details: (Attached or provided below)

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**Any responses or follow-up actions on inspection/compliance reports**

No inspection and/or compliance report issued by INAC ▼

Additional Details: (Dates of Report, Follow-up by the Licensee)

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**Any additional comments or information for the Board to consider**

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Date Submitted:

March 3, 2006

Submitted/Prepared by:

Nathalie Prud'homme

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