



HOPE BAY JOINT VENTURE

Miramar Mining Corporation - Cambiex Exploration Inc.

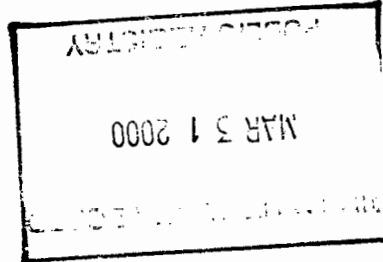
311 West First Street, North Vancouver, B.C. V7M 1B5 Canada

Phone 604-985-2572 Fax 604-980-0731

VIA COURIER

March 27, 2000

Mr. Philippe di Pizzo
Executive Director
Nunavut Water Board
P.O. Box 119
Gjoa Haven NT X0E 1J0



INTERNAL	
PO	SK
LA	Apr 31/00
OM	
TA	Com 9C
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CEB	
BRD	
Panel	24/04/00
EC	
BYD	
NWB	

Re: 1999 Annual Fees and Reports to Nunavut Water Board for permits
NWB1BOS9801 (Boston Site and Bulk Sample)
NWB2WIN9800 (Windy Camp and Drill Sites in Hope Bay Belt)
NWB2WOL9800 (Wolverine Camp) and
NWB4WEI9799 (Stickleback Weir)

Dear Mr. di Pizzo;

Please find enclosed our cheque in the amount of \$120.00 payable to the Receiver General to cover the \$30.00 annual fee for each of the above noted permits. Also find enclosed Annual Reports (in triplicate) for the Boston, Windy and Wolverine water permits. The terms and conditions of the Stickleback Weir water permit do not require submission of an annual report.

All four permits lie within the Hope Bay Project which was purchased on December 16, 1999 by Cambiex Exploration Inc. and Miramar Hope Bay Limited (the Hope Bay Joint Venture "HB JV"). The HB JV is submitting these reports using data provided by BHP Diamonds Inc.

If you have any questions please do not hesitate to contact the undersigned.

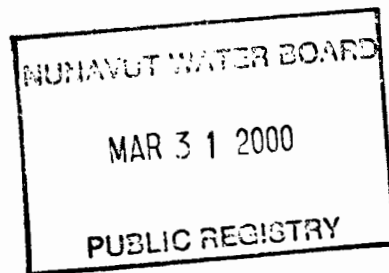
On behalf of the
Hope Bay Joint Venture

Jane M. Howe, P. Geo
Consultant

1999 Annual Report to the Nunavut Water Board

Water License NWB1BOS9801

Boston Camp and Underground Bulk Sample Activities



INTERVAL	
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LA	
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Hand copy 96 DGP NWB	

Submitted by the

Hope Bay Joint Venture

March 27, 2000

Cambiex Exploration Inc.
850-800 Rene Levesque Blvd West
Montreal, QC, H3B 1X9

Miramar Hope Bay Ltd.
311 West First Street
North Vancouver, BC, V7M 1B5

- Beyond routine maintenance no major modifications were made to either the water or waste systems.

e) Tabulated summaries of all data generated under the Surveillance Network Program:

1999 Water Analysis Results

	SNP # 1652-1		SNP# 1652-3	SNP# 1652-4	SNP# 1652-5	SNP# 1652-1		SNP# 1652-3	SNP# 1652-4	SNP# 1652-5	
Parameters	Pump Intake	Kitchen Tap	Sewage End of Pipe	Receiving Spyder L.	Receiving Spyder L.	Pump Intake	Kitchen Tap	Sewage End of Pipe	Receiving Spyder L.	Receiving Spyder L.	
	Mar-99	Mar-99	Mar-99	Mar-99	Mar-99	Apr-99	Apr-99	Apr-99	Apr-99	Apr-99	
Physical Tests			✓ Sewage Disposal System not yet operational. All sewage was incinerated.	Spyder Lake was frozen, no sample collected.	Spyder Lake was frozen, no sample collected.				✓ Spyder Lake was frozen, no sample collected.	✓ Spyder Lake was frozen, no sample collected.	
Colour		15				12	14	✓			136
Hardness		6.01					20.4				
pH	8.8	6.01				6.95	6.95	✓			7.35
Total Susp.Solids	3	0				N/A	N/A				N/A
Turbidity	1 + < <	2.4				5.6	1.5				50.9
Bacteriological Tests						Samples were contaminated					
Fecal Coliform	<1	<1									
Total Metals											
Aluminum		0.012									
Arsenic		0.0006									
Barium		0.011									
Boron		<0.05									
Cadmium		0.0003									
Chromium		<0.001									
Copper		1.54									
Iron		0.07									
Lead		0.009									
Magnesium		2.37									
Manganese		0.025									
Mercury		<0.00005									
Potassium		1.16									
Selenium		<0.001									
Sodium		6.65									
Zinc		0.76									
Extractables											
Oil and Grease	<5	<5									
Organic Parameters											
BOD-5		<5									

	SNP # 1652-1	SNP # 1652-1	-	-	-
Parameters	Pump Intake	Pump Intake Replicate	Middle of Aimaoktak Lake	Middle of Lake Replicate	Trip Blank Sample
	Jul. 99	Jul. 99	Jul. 99	Jul. 99	Jul. 99
Physical Tests					
Conductivity	45	44	74	41	<2
Total Dis. Solids	26	26	57	21	<10
Hardness	11.8	11.4	10.9	10.8	<0.05
pH	6.71	6.73	6.52	6.67	6.05
Total Susp.Solids	11	8	<3	<3	<3

Bacteriological Tests					
Fecal Coliform	<1	<1	<1	<1	<1
Nutrients					
Ammonia	<0.02	<0.02	<0.02	<0.02	<0.02
Nitrate Nitrogen	<0.005	<0.005	<0.005	<0.005	<0.005
Total Metals					
Aluminum	0.74	0.068	0.026	0.023	<0.001
Arsenic	0.0003	0.0003	0.0001	0.0001	<0.0001
Barium	0.00611	0.00501	0.00210	0.00206	0.00005
Boron	0.003	0.003	0.003	0.003	<0.001
Cadmium	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Chromium	<0.0005	<0.0005	<0.0005	<0.0005	<0.0005
Copper	0.0010	0.0010	0.0009	0.0009	<0.0001
Iron	0.25	0.25	0.11	0.12	<0.03
Lead	0.00022	0.00021	0.00008	0.00007	<0.00005
Magnesium	1.4	1.4	1.4	1.3	<0.1
Manganese	0.0179	0.0163	0.0107	0.0107	<0.00005
Mercury	<0.00005	<0.00005	<0.00005	<0.00005	<0.00005
Potassium	<2	<2	<2	<2	<2
Selenium	<0.001	<0.001	<0.001	<0.001	<0.001
Sodium	4	4	4	4	<2
Zinc	0.001	0.001	<0.001	<0.001	<0.001
Extractables					
Oil and Grease	<0.1	<0.1	<0.1	<0.1	<0.1

- f) *A summary of exploration and development activities as they relate to water use and waste disposal;*

Boston Camp was used to accommodate crews while they conducted site cleanup and a small diamond drilling program on nearby claims. The underground facilities were opened briefly to allow due diligence tours for prospective buyers. There were no underground mining or surface crushing activities.

- g) *A summary of any abandonment and restoration work undertaken during the year and an outline of any work anticipated for the next year;*

- The current footprint of the Boston site is 5.3 hectares.
- Rehabilitation of spill 98-115, which resulted from leaking barrel bungs in the old fuel cache continued. Work completed by Rescan indicated the hydrocarbon content of 1999 soil samples were below the NWT standard for industrial sites. Accordingly, the HBJV will request inspection and closure of this site in 2000.
- Rehabilitation work for spills 98-092, 98-102, and 98-103 continued. Final remedial work will be done during the 2000 season and will be subject to inspection by KIA and/ or DIAND.
- On going remediation of small spills continued.
- 85 barrels which contained hydrocarbon contaminated soil were assessed and sampled to determine if the material is in excess of GNWT-RWED guidelines for industrial sites. Barrels were marked for future shipment to an approved disposal site.
- Soil samples were collected and analyzed from various sites to evaluate degree of contamination.
- Two wind-damaged Weatherhaven tents were dismantled and stored in the crusher shed. The tent floors were stacked near their original position.
- Empty fuel drums in good condition that could be re-filled with bulk fuel were mustered near the bulk tank.
- Full diesel drums were mustered between the crusher shed and the Procon office.

- Full gasoline and jet B drums were assembled beside the bulk fuel tank near the helipad.
- Scattered propane cylinders were collected on pallets outside the bear fence gate beside the office.
- Scrap metal and irreparable equipment was palletized and placed with other backhaul debris. Palletized drums of ash and metal scrap at the airstrip were moved to the area of backhaul materials.
- Wood scrap was collected and burned in the southern sludge pit.
- The overall site was cleaned and organized to the extent that manpower and equipment permitted.
- No significant new spills were detected.

h) A summary of any studies requested by the Board that relate to waste disposal, water use, or reclamation, and a brief description of any future studies planned;

- *Acid Rock Drainage Characterization Boston Property (Waste Rock) – Final Report* was submitted to the NWB in February 1999.
- *1999 Environmental Site Assessment Report* was submitted to the NWB in October 1999.

i) A list of any unauthorized discharges;

- There were no unauthorized discharges at the Boston site in 1999. These are summarized as follows:

j) An outline of any spill training or communication exercises carried out.

- This information is not available.

k) Any revisions to the approved Contingency Plan, QA/QC Plan, Waste Rock Disposal Plan and A&R Plan.

- The names and contact information for members of the Spill Response Team were updated on March 25, 1999 and submitted to NWB.

l) A brief description of follow-up actions taken to address concerns detailed in inspection and compliance reports prepared by an inspector.

- A letter report which detailed follow-up actions to the July 13, 1999 site inspection report by KIA was submitted to KIA and NWB in September 1999.
- There was no inspection of the Boston site conducted during 1999 by an NWB /DIAND Inspector.
- The August 19, 1998 NWB/DIAND inspection notice was received on January 29, 1999. There were no concerns identified.

m) A public consultation/participation report describing consultation with local organizations and the residents of the nearby communities.

- Throughout 1999 the Boston Project was on a "care and maintenance budget". Accordingly, BHP held no public consultations during this time.

- n) *Any other details on water use or waste disposal requested by the Board by November 1st of the year being reported, and*
 - There were no requests for other information.
- o) *An executive summary in terms understandable to the general public translated into Inuktitut of all plans, reports or studies conducted under this License.*