

teckcominco

March 22, 2003

Mr. Thomas Kudloo
 Chairman, Nunavut Water Board,
 P.O. Box 119,
 Gjoa Haven, NU.
 X0E 1J0

Fax: 867-360-6369

COPY

Dear Mr. Kudloo:

Re: **Surveillance Network Program - Cominco Mining Partnership, Polaris Operations Water License No: N4L2 - 0262**

Attached, please find the results from Teck Cominco Polaris' Surveillance Network Program for the months of January and February 2003. These same results have also been emailed to rbecker@polarnet.ca on March 22, 2003.

Due to poor ice conditions and survey instrument problems, the last depth sounding measurements were taken on June 12, 2002. Tailings have not been deposited into Garrow Lake since production shutdown on September 3, 2002 and no future tailings will be discharged into Garrow Lake. A detailed bathymetry survey will be conducted during the scheduled closure as part of Teck Cominco's Decommissioning and Reclamation Plan.

If you have any questions, please do not hesitate to contact me at 867-253-2237 or at trevor.feduniak@teckcominco.com.

Yours truly,

COMINCO MINING PARTNERSHIP

Trevor Feduniak, P.Eng.
 Civil/Mining/Demolition Supervisor
 Polaris Operations

/attachments

c.c. Bruce Donald, Reclamation Manager, Teck Cominco Ltd.
 John Knapp, Site Manager, Polaris Operations
 David Milburn, DIAND, Yellowknife - fax - 867-979-8446
 Central Files - Kim Kring

OM	
TA	
BS	
ST	
ED	
CEO	
BRD	
EXT	

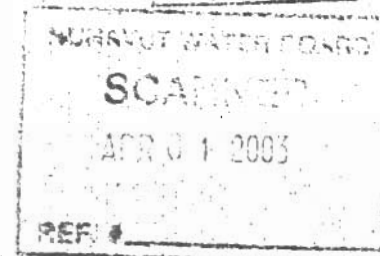


Table III(a) WATER LICENCE Part B, Item 3 (c)
 SNP Part B, Item 3.

WATER SAMPLES

STATION 262-3: Garrow Lake at centre.

DEPTH (meters)	MID WINTER 4-Feb-03			MAXIMUM ICE			MAXIMUM MELT		
	PB (mg/L)	ZN (mg/L)	SULPHIDE (ppm)	PB (mg/L)	ZN (mg/L)	SULPHIDE (ppm)	PB (mg/L)	ZN (mg/L)	SULPHIDE (ppm)
Blenk	<0.001	<0.02	0.3						
0									
1.5									
3	0.004	0.25							
10	0.003	0.60							
11	0.004	1.4							
12	0.018	0.58	9.9						
13	0.010	0.70	9.6						
14	0.013	0.52	12.8						
15	0.009	0.44	12.2						
16	0.003	0.44	12.2						
17	0.003	0.44	12.5						
18	0.003	0.44	12.2						
19	0.018	0.45	12.5						
20	0.017	0.46	12.8						
22	<0.001	0.46	12.8						
30									
35									
40	<0.001	0.07	13.1						

Table III(b) WATER LICENCE Part B, Item 3 (c)
SNP Part B, Item 3.

FIELD QUALITY ASSURANCE
STATION 262-3

Analytical results from triplicate samples: Blanks, Surface Layer 3m, Halocline 14m, Bottom Layer 22m.

Depth (meters)	MID WINTER : 4-Feb-03					
	BC RESEARCH				POLARIS	
	Total Metal (ppm)				Sulphide	Mean $\pm$ std. dev
	Zn	Mean $\pm$ std. dev	Pb	Mean $\pm$ std. dev		
Blank	<0.02		<0.001			
Blank	<0.02	<0.02 $\pm$ 0.000	<0.001	<0.001 $\pm$ 0.000		
Blank	<0.02		<0.001			
3	0.24		0.006			
3	0.25	0.25 $\pm$ 0.006	0.002	0.004 $\pm$ 0.002		
3	0.25		0.004			
14	0.52		0.013			
14	0.52	0.52 $\pm$ 0.000	0.005	0.010 $\pm$ 0.005		
14	0.52		0.013			
22	0.46		<0.001		12.8	
22	0.46	0.46 $\pm$ 0.000	<0.001	<0.001 $\pm$ 0.000	13.5	
22	0.46		<0.001		13.1	13.1 $\pm$ 0.351
Ref. 3	0.24		<0.001			
Ref. 3	0.23	0.24 $\pm$ 0.006	<0.001	<0.001 $\pm$ 0.000		
Ref. 3	0.24		<0.001			
Ref. 15	1.9		0.170			
Ref. 15	1.9	1.9 $\pm$ 0.000	0.180	0.177 $\pm$ 0.006		
Ref. 15	1.9		0.180			

Table III(b) WATER LICENCE Part B, Item 3 (c)
 SNP Part B, Item 3.

FIELD QUALITY ASSURANCE
 STATION 262-3

Analytical results from triplicate samples: Blanks, Surface Layer 3m, Halocline 14m, Bottom Layer 22m.

MAXIMUM ICE:

Depth (meters)	BC RESEARCH Total Metal (ppm)				POLARIS Sulphide (ppm)	
	Zn	Mean $\pm$ std. dev	Pb	Mean $\pm$ std. dev	Sulphide	Mean $\pm$ std. dev
Blank						
Blank		$\pm$		$\pm$		
Blank						
3						
3		$\pm$		$\pm$		
3						
14						
14		$\pm$		$\pm$		
14						
22						
22		$\pm$		$\pm$		
22						$\pm$
Ref. 3						
Ref. 3		$\pm$		$\pm$		
Ref. 3						
Ref. 15						
Ref. 15		$\pm$		$\pm$		
Ref. 15						

Table III(b) WATER LICENCE Part B, Item 3 (c)
SNP Part B, Item 3.

FIELD QUALITY ASSURANCE
STATION 262-3

Analytical results from triplicate samples: Blanks, Surface Layer 3m, Halocline 14m, Bottom Layer 22m.

MAXIMUM MELT:

Depth (meters)	BC RESEARCH Total Metal (ppm)				POLARIS Sulphide (ppm)	
	Zn	Mean $\pm$ std. dev	Pb	Mean $\pm$ std. dev	Sulphide	Mean $\pm$ std. dev
Blank Blank Blank		$\pm$		$\pm$		
3		$\pm$		$\pm$		
3		$\pm$		$\pm$		
3		$\pm$		$\pm$		
14						
14		$\pm$		$\pm$		
14		$\pm$		$\pm$		
22						
22		$\pm$		$\pm$		+
22		$\pm$		$\pm$		
Ref. 3						
Ref. 3		$\pm$		$\pm$		
Ref. 3		$\pm$		$\pm$		
Ref. 15						
Ref. 15		$\pm$		$\pm$		
Ref. 15		$\pm$		$\pm$		

Table III(c)

WATER LICENCE Part B, Item 3 (c)

SNP Part B, Item 3.

Table III(c)

WATER LICENCE P

SNP Part B, Item 3.

B.C. RESEARCH QUALITY ASSURANCE

B.C. RESEARCH QUALITY ASSURANCE

MID WINTER: 18-Jan-02											MAXIMUM ICE: 13-Mar-02										
QUALITY ASSURANCE / QUALITY CONTROL ANALYSIS											QUALITY ASSURANCE										
SAMPLE		TOTAL METALS (mg/L)							TOT CN (mg/L)	SAMPLE											
		Pb	Zn	As	Cu	Ni	Sb	Cd						Pb							
Environment Canada (TMDA 53.2)		True Found	0.360 0.370							Environment Canada (TMDA 52.2)	True Found										
TMDA 52.2		True Found	n/a n/a	n/a n/a			0.0157 0.016	n/a n/a		Environment Canada (TMDA 53.2)	True Found										
Nass		True Found	0.005 0.004	0.0012 0.0013						QC3437	True Found										
QC 3437		True Found	0.040 0.039	0.0087 0.009	n/a n/a	0.029 0.032		0.0038 0.005		QC Caecal	True Found										
QC Caecal		True Found	0.048 0.050	0.0400 0.03						QC SpecTYCN	True Found										
QC SpecTYCN		True Found						0.900 0.840													

SAMPLE		TOT MTLS (mg/L)						SAMPLE	
		Cu	Pb	Ni	Cd	Sb	As		
262-3	3a	As is + 2 ppb Pb + 2 ppb Cu + 2 ppb Ni	0.005 0.0085	0.003				262-3	3a As is + 2 ppb Pb + 2 ppb Cu + 2 ppb Ni
262-3	10m	As is + 4 ppb Sb + 2 ppb Cd + 1 ppb As			<0.002 0.0026	<0.002 0.0044	<0.001 0.0016	262-3	10m As is + 4 ppb Sb + 2 ppb Cd + 1 ppb As
								Nass 5	TRUE (ppb) Found (mg/L)

Part B, Item 3 (c)

Table III(c)

WATER LICENCE Part B, Item 5
SNP Part B, Item 3.

B.C. RESEARCH QUALITY ASSURANCE

MAXIMUM MELT: 13-Mar-02

E / QUALITY CONTROL ANALYSIS						QUALITY ASSURANCE / QUALITY CONTROL ANALYSIS										
TOTAL METALS (mg/L)						TOT CN (mg/L)	SAMPLE	TOTAL METALS (mg/L)							TOT CN (mg/L)	
Zn	As	Cu	Ni	Sb	Cd			Pb	Zn	As	Cu	Ni	Sb	Cd		
							TMDA 52.2	True Found								
							TMDA 53.2	True Found								
							QC3437	True Found								
							Nass	True Found								
							QC 2-4 (Caal)	True Found								

Y ANALYSIS

SPIKE AND RECOVERY ANALYSIS

	TOT MTLS (mg/L)						SAMPLE	TOT MTLS (mg/L)					
	Cu	Pb	Ni	Cd	Sb	As		Cu	Pb	Ni	Cd	Sb	As
							262-3						
							3m						
							As is						
							+ 2 ppb Pb						
							+ 2 ppb Cu						
							+ 2 ppb Ni						
							10m						
							As is						
							+ 4 ppb Sb						
							+ 2 ppb Cd						
							+ 1 ppb As						
							262-3						

Table III(c) WATER LICENCE Part B, Item 3(c)
SNP Part B, Item 3

TEMPERATURE, pH, and CONDUCTIVITY PROFILES
STATION 262-3: Garrow Lake

DEPTH (meters)	Mid-Winter 4-Feb-03				Maximum Ice				Maximum Melt			
	Temp. (C)	pH	Cond. (uS/cm)	Dis. O2 (mg/l)	Temp. (C)	pH	Cond (uS/cm)	Dis. O2 (mg/l)	Temp. (C)	pH	Cond. (uS/cm)	is. O2 mg/l)
1.0	-0.2	7.7	12,852	18.6								
2.0												
3.0												
4.0	3.8	7.7	14,280	17.2								
5.0	3.8	7.7	14,280	17.0								
6.0	3.8	7.7	14,280	16.8								
7.0	3.8	7.7	14,280	16.5								
8.0	3.8	7.7	14,399	16.0								
9.0	3.9	7.7	15,113	14.1								
10.0	5.0	7.5	20,706	9.3								
11.0	6.3	7.0	64,260	0.8								
12.0	7.2	6.8	92,344	0.3								
13.0	7.9	6.8	92,582	0.3								
14.0	8.2	6.8	92,701	0.3								
15.0	8.3	6.8	92,820	0.3								
16.0	8.4	6.8	92,939	0.3								
17.0	8.4	6.8	92,939	0.3								
18.0	8.4	6.8	92,939	0.3								

19.0	8.4	6.8	92,939	0.3
20.0	8.4	6.8	92,939	0.3
21.0	8.4	6.8	92,939	0.3
22.0	8.4	6.8	92,939	0.3
23.0	8.4	6.8	92,939	0.3
24.0	8.4	6.8	92,939	0.3
25.0	8.4	6.8	92,939	0.3
26.0	8.4	6.8	92,939	0.3
27.0	8.4	6.7	92,939	0.3
28.0	8.4	6.7	92,939	0.3
29.0	8.4	6.7	92,939	0.3
30.0	8.4	6.7	93,058	0.3
31.0	8.4	6.7	92,939	0.3
32.0	8.4	6.7	92,939	0.3
33.0	8.4	6.7	93,058	0.3
34.0	8.4	6.7	93,058	0.3
35.0	8.4	6.6	93,058	0.3
36.0	8.4	6.6	92,939	0.3
37.0	8.4	6.6	93,177	0.3
38.0	8.4	6.6	93,177	0.3
39.0	8.4	6.6	93,177	0.3
40.0	8.4	6.6	93,177	0.3

FRESH WATER USAGE 2002

MONTH	MILL (m ³)	MINE (m ³)	DOMESTIC (m ³)	CRF (m ³)	TOTAL (m ³)
January	17,510	-	2,439	-	19,949
February	16,300		2,018	-	18,318
March					
April					
May					
June					
July					
August					
September					
October					
November					
December					
TOTAL	33,810	-	4,457	-	38,267

Table X WATER LICENCE Part B, Item 5
SNP Part C, Item 6

GARROW LAKE LEVEL

DATE	LEVEL	Est. volume above Original Lake Level (m ³)
Original	1005.70	-

Table VIII WATER LICENCE Part B, Item 3 (c)
SNP Part C, Item 4

THERMISTOR TEMPERATURES GARROW LAKE DAM

[illegible][illegible][illegible]

DATE	Core A	Core B	Core C	Core D	Core E	Core F	Core G	Bedrock H	Bedrock J	Bedrock K	Bedrock
15-Jan-03											
10-Feb-03	-13.7	-12.7	-12.2	-12.0	-11.8	-11.8	-11.8	-11.8	-11.8	-11.9	-12.1
11-Mar-03	-15.3	-14.0	-13.2	-12.6	-12.2	-12.2	-12.1	-12.1	-12.0	-11.8	-12.1

