Fax Transmission

DIAND Nunavut District
Box 100
Iqaluit, NT
XOA OHO

Phone: (819)-979-4405
Fax: (819)-979-6445

To: Spill Line
(403)-873-6924

Date: October 3, 1995
File: B9546-7-N51.3-0159

Re: Spill Update; Nanisivik Mines Ltd.

Reference: Spill Number 95-160

1. Spoke to Mr. Robert Carreau, Process Technology Supervisor, NML, in order to get an update on activities resulting from spill 95-160.

2. Mr. Carreau indicated that at present there were blizzard conditions and that no clean-up had been done yet.

3. Because of the nature of the spill (failed gasket), most material was sprayed out. The result is that most of the spilled material landed on top of the snow in the surrounding area. The plan is to scrap the affected areas until clean snow is reached. The remaining material is immediately at the tailings pipe. This material will have to be dug out. All material will then be brought to the tailings disposal area. In the mean time, most material is frozen in place.

4. Mr. Carreau indicated that he would keep this office informed as clean-up activities were carried out. An inspection will be made of the area in conjunction with a future water licence inspection.

Pages to Follow:

0 Short
0 Long

Indian and Northern Affairs Canada
Affaires indiennes et du Nord Canada

Paul Smith
Water Resources Officer
DIAND NWT Region
P.O. Box 100
Iqaluit, N.W.T.
X0A 0H0
Bus. (819) 979-4405
Res. (819) 979-6440
Fax (819) 979-6445

Canada

24-Hour Report Line
Phone (403) 920-8130
Fax (403) 873-6924

N.W.T. SPILL REPORT

Northwest Territories

A Report date and time: Sept 29/95 10:15am	B Date and time of spill (if known): Sept 29/95 7:00am	C ✓ Original report / Update no. ____	Spill number: 95-160

D Location and map coordinates (if known) and direction (if moving):
Nanisivik (attached plan)

E Party responsible for spill:
Nanisivik Mines Ltd

F Product(s) spilled and estimated quantities (provide metric volume/weight if possible):
Mill tailings - 10 cubic meters

G Cause of spill:
Gasket failed at joint in tailings pipe

H Is spill terminated? ✓ yes / ☐ no	I If spill is continuing, give estimated rate:	J Is further spillage possible? ☐ yes / ✓ no	K Extent of contaminated area (in square metres if possible): 500 sq. metres

L Terrain affected (soil or surrounding [illegible]): Snow, rough terrain	M [illegible]: Natural depression

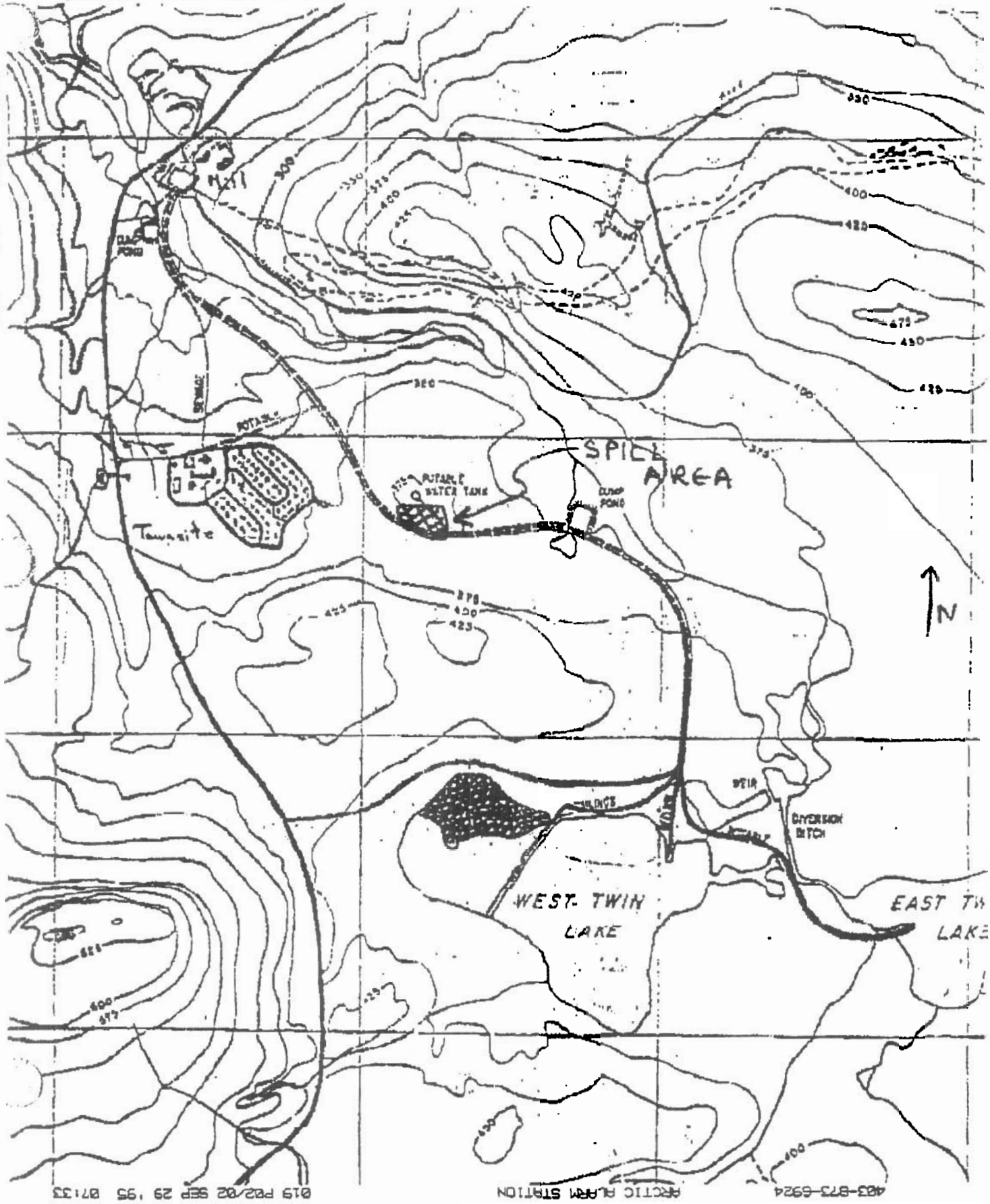
N Action, if any, taken or proposed to contain, recover, clean up or dispose of product(s) and contaminated materials:
Area will be scraped down with heavy equipment and contaminated material will be hauled to West Twin disposal area.

O Do you require assistance? ✓ no / ☐ yes, describe:	P Possible hazards (e.g. personal, property, or environmental, eg: fire, drinking water, fish or wildlife):

Q Comments and/or recommendations:
Area will be reinspected in the summer of 1996 after the snow cover leaves to determine if further remediation is required.

FOR SPILL LINE USE ONLY
Lead Agency: INAC
Spill surveillance:
Lead Agency contact and time: Eli Chu 0818
Is this file now closed?

Reported by: R. Carreau	Position, Employer, Location: Process Tech. / Nanisivik Mines Ltd.	Telephone: 819-436-7401
Reported to: B. Pellerin	Position, Employer, Location: Spill line	Telephone: 403-920-8130


403-873-6924 ARCTIC ALARM STATION 019 P02/02 SEP 29 '95 07:33
WEST TWIN LAKE
EAST TWIN LAKE
DIVERSION DITCH
WEIR
SPILL AREA
POTABLE WATER TANK
DUMP POND
Tailings
N

Northwest Territories

N.W.T. SPILL REPORT (Oil, Gas, Hazardous Chemicals or other Materials)

ᐅᓇᑦᑎᐊᒥ ᑯᐃᔪᓄᑦ ᐅᓂᒃᑳᖅ

24-ᓄᑦ ᐃᑲᖅᓱᓄᑦ ᐅᓂᒃᑳᑦᑕᐅᔪᓐᓇᖅᑐᖅ ᐅᖃᓄᐅᑦ
Phone/ᐅᖃᓄᐅᑦ (403) 920-8130
Fax/ᐸᒃᑐᓐᑯᑦ (403) 873-6924

Report date and time ᑲᑎᖅᑕᖅᑐᓂᒃ ᖃᔅᔭᖅᑐᓂᒃ ᐊᔾᔨᐊᖅᑎᑦᑎᓗᒍ ᐅᓂᒃᑳᖅᑎᖅᑕᐅᑦ 3 June 1994	B Date and time of spill (if known) ᑲᑎᖅᑕᖅᑐᓂᒃ ᑯᐃᑎᓗᒍ ᖃᔅᔭᖅᑐᓂᒃᑲᓂᓗ (ᑕᐅᓯᒪᔪᐅᑦᑕᑦ) 2 June 1994	C ☐ Original report ☒ Update no. ___ ᑭᖑᓂᖅᑕᖅ ᐅᓂᒃᑳᖅᑐᖅᑕᐅᑦ ᐅᓂᒃᑳᖅᑐᖅᑕᐅᓂᖅᑐᖅ ᐊᑲᑦ ___	Spill number ᑯᐃᓐᓂ ᐊᑲᑦ 94-089

D Location and map coordinates (if known) and direction (if moving)
ᓄᓇ ᑯᐃᑦ ᑭᒻᒪᒃ ᓄᓇᖅᑐᑦ ᐊᑐᖅᑎᑦ (ᑕᐅᓯᒪᔪᐅᑦᑕᑦ) ᑭᒻᒪᒃ ᓇᒻᒪᐅᑦᓯᕐᒪᖔᑦ (ᓇᓂᖅᑕᑦ)
Nanisivik Mines Ltd Ship loading area

E Party responsible for spill
ᑭᖑᑦ ᑯᐃᑎᖅᑕᑦ
Nanisivik Mines Ltd

F Product(s) spilled and estimated quantities (provide metric volumes/weights if possible)
ᑭᖑᑦ ᑭᖑᓗᒃᑐᑦ ᑯᐃᑦ ᖃᓗᑎᒃᑐ ᑕᓯᓕᖅᑐᑦ ᐊᑐᖅᑕᓐ ᐅᓂᒃᑳᖅᑐᖅᑕᓗᒃᑐᑦ ᑭᖑᓇᖅᑐᑦ)

G Cause of spill
ᑭᖑ ᐊᑐᖅᑕᐅᑦ

H Is spill terminated? ᑯᐃᓐᓂ ᓇᒃᑲᖅᑕᐅᑦ? ☐ yes/ᐃ ☐ no/ᑲᖅ	I If spill is continuing, give estimated rate ᐃᓗ ᑯᐃᑦ ᖃᓄᖅ ᐱᖃᓂᖅᑐᓂᑦ	J Is further spillage possible? ᑯᐃᓐᓂᖅᑐᐃᓐᓇᓂᖅᑐᖅᑕᑦ? ☐ yes/ᐃ ☐ no/ᑲᖅ	K Extent of contaminated area (in square metres if possible) ᖃᓗᑦ ᑕᓯᑎᑦ ᑯᐃᑦᑕᑦ (ᑲᑦᑐᖅᓱᓗᒍ ᑕᓯᓕᖅᑐᑦ)

| L Factors affecting spill or recovery (weather conditions, terrain, snow cover, etc.) ᑭᖑᑦ ᐱᔪᑕᐅᑦ ᑯᐃᔪᓐ ᑲᑦᑕᓗ ᐊᑐᖅᑕᐅᓂᖅᑐᓂᒃ ᓗᒍ ᒐᑦ ᖃᓄᓕᖅᓱᓕᖅᓱᑦ, ᓄᓇ ᖃᓄᓕᖅᓱᓕᖅᓱᓄᑦ ᐊᑐᖅᑕᖅᑐᖅᑕᓗᒃᑐᑦ/ᓚᓕᖅᓱᓄᑦ, ᐊᑭᓗᒃᑲᖅᑐᓗᒍ | M Containment (natural depression, dykes, etc.) ᑲᓇᐊᓗᖅᑐᑦ ᑭᓕᖅᑐᑦ ᐃᓕᖅᓱᓕᖅᓱᒃᑐᖅ (ᓄᓇᑦ ᐃᓕᖅᓱᑦ, ᐊᑭᓗᒃᑲᖅᑐᓗᒍ) |

N Action, if any, taken or proposed to contain, recover, clean up or dispose of product(s) and contaminated materials
ᖃᓄᓕᖅᑐᑦ, ᖃᓄᓕᖅᑐᑦᑕᐅᖅᑐᑦ ᑭᑦᑕᓗ ᖃᓄᓕᖅᑐᖅᑕᐅᖅᑐᑦ ᐊᑕᐅᓯᕐᒥᑦᑕᐅᓂᑦ, ᓄᖅᑐᖅᑕᐅᓂᑦ, ᓴᓇᖅᑐᖅᑕᐅᑦ ᑭᑦᑕᓗ ᐃᑦᑕᐅᓂᖅᑐᑦ ᑯᐃᑦ ᓴᓇᑦᑐᖅᑐᑦ ᑭᓕᖅᑐᑦ ᑯᐃᑦᑕᑦ.

O Do you require assistance? ᐃᑲᓂᖅᑕᐅᓂᖅᑐᖅᑕᖅᑭᖅ? ☐ no ᑲᖅ ☐ yes, describe: ᐃ - ᖃᓄᐃᓐᓂᒃ	P Possible hazards to persons, property, or environment, eg: fire, drinking water, fish or wildlife ᑭᖑᓂᖅᑕᐅᓂᖅᑐᖅᑕᖅᑭᖅ ᐃᓄᓂᒃᑐᑦ, ᐱᖃᓂᖅᑐᑦᑕᐅᑦ ᑭᑦᑕᓗ ᐊᑐᖅᑕᑦ ᐱᓗ - ᐃᓂᓄᓐ. ᐃᓂᓗᑦ ᑭᖅᑐᖅᑕᐅᓂᖅᑐᖅᑕᖅᑭᖅ. ᐃᖃᓗᒃᑲᑦ ᑭᑦᑕᓗ ᑯᐃᑦᑕᑦ

Q Comments and/or recommendations ᑭᖅᑕᐅᓂᖅᑐᑦ ᑯᐃᓗ ᑭᑦᑕᓗᒃᑐᑦ ᖃᓄᓕᖅᑐᖅᑕᐅᑦ

Lead agency will be INAC, not GNWT, as per Magnus Bourque (EP).

FOR SPILL LINE USE ONLY
ᑕᖅᑕᐅᓂᖅᑐᖅ ᑯᐃᓗᑦ ᑭᖅᑕᖅᑕᐅᓂᖅᑐᖅᑕᖅ

Lead Agency
ᐃᖅᓇᐃᖅᑐᓂᖅᑐᑦ ᑯᐃᑦᑐᖅ ᓴᓇᖅᑐᖅᑐᑦ

INAC

Spill significance
ᑯᐃᑦ ᖃᓄᓕᖅᑐᖅᑐᑦ

Lead Agency contact and time
ᐃᖅᓇᐃᖅᑐᓂᖅᑐᑦ ᑯᐃᑦᑐᖅ ᓴᓇᖅᑐᖅᑐᑦ ᖃᓄᓕᖅᑐᖅᑕᖅᑐᑦ ᑭᖅᑕᓗ ᖃᓄᓕᖅᑐᖅᑐᖅᑕᖅᑐᓗᒍ

Mike Legge, INAC
08:45

Is this file now closed?
ᑕᖅᓗ ᐅᓂᒃᑳᖅᑐᖅᑕᐅᑦ ᓴᓇᖅᑐᖅᑐᑦ?

Reported by ᐅᓂᒃᑳᖅᑐᖅ	Position, Employer, Location ᖃᓄᐃᓐᑐᑦ ᐃᖅᓇᐃᖅᑐᑦ, ᐃᖅᓇᐃᖅᑐᖅᑐᖅ, ᓄᑦ	Telephone ᑭᖅᑕᖅᑐᑦ
R. Caireau	Process Technology Supervisor, Nanisivik	819-436-7401
Reported to ᑭᖅᑕᖅᑐᑦ ᐅᓂᒃᑳᖅᑐᖅᑕᖅᑭᖅ	Position, Employer, Location ᖃᓄᐃᓐᑐᑦ ᐃᖅᓇᐃᖅᑐᑦ, ᐃᖅᓇᐃᖅᑐᖅᑐᖅ, ᓄᑦ	Telephone (fax) ᑭᖅᑕᖅᑐᑦ
Michael West Alex Bailey	Station Operators, Nanisivik (LC Spill Line), YK	873-6924

NWT 1752/0593

N.W.T. SPILL REPORT (Oil, Gas, Hazardous Chemicals or other Materials)

Northwest Territories

24-hour Phone/Fax (403) 920-8130 / (403) 873-6924

Report date and time	B Date and time of spill (if known)	C Original report / Update no.	Spill number
May 03/94	May 02/94	☒ Original report	94-089

D Location and map coordinates (if known) and direction (if moving)
Nanisivik Mines Ltd. Ship loading area

E Party responsible for spill
Nanisivik Mines ltd

F Product(s) spilled and estimated quantities (provide metric volumes/weights if possible)
(Powdered) Calcium hydroxide (Hydrated lime) Approx 1 tonne

G Cause of spill
Broken bags during off-loading of Cargo

H Is spill terminated? ☒ yes ☐ no

I If spill is continuing, give estimated rate

J Is further spillage possible? ☒ yes ☐ no

K Extent of contaminated area (in square metres if possible)
4sq. Metres around each bag

L Factors affecting spill or recovery (weather conditions, terrain, snow cover, etc.)

M Containment (natural depression, dykes, etc.)

N Action, if any, taken or proposed to contain, recover, clean up or dispose of product(s) and contaminated materials
See comments below

O Do you require assistance? ☒ no ☐ yes, describe:

P Possible hazards to persons, property, or environment; eg: fire, drinking water, fish or wildlife
Material is caustic and should not be inhaled-ingested

Q Comments and/or recommendations

During off-loading of 800 one tonne bags of lime, straps on 6 bags failed during transport by fork lift. Ripped bags are set aside and will be removed by loader bucket as soon as off-loading is completed. Saluagable material will be used in the mill. The remaining material will be disposed of at West Twin Lake.
This amount of Material presents no environmental hazard

FOR SPILL LINE USE ONLY

Lead Agency: GNWT ?

Spill significance:

Lead Agency contact and time:

Is this file now closed?

Reported by	Position, Employer, Location	Telephone
R. Carreau	Process Technology Supervisor, Nanisivik	819-476-7401
Reported to	**Position, Employer, Location**	**Telephone**
Mitchell Maher	A.A.C.L. ltd.	403-633-3117

Fax Transmission

DIAND NWT Region
PO Box 100
Iqaluit, NT
XOA OHO

Fax: (819)-979-6445
Voice: (819)-979-4405

To: Spill Line
403-873-6924

Date: November 1, 1994

File: B9545-5-N5L3-0159
B5555-1-94 NML

Transmittal Note:

Updates for Spills 94-005, -074, -089 – Nanisivik Mine.

1. The licensee has advised the inspector that these spills have been cleaned up.

2. During the next inspection (not as yet scheduled) the spill sites will be inspected. If clean-up has been done to the satisfaction of the inspector, these spills will be closed and you will be notified.

Number of pages to follow:

0 Short

0 Long

DEPARTMENT OF RENEWABLE RESOURCES
RECEIVED
NOV 02 1994
IQALUIT, N.W.T.

Indian and Northern Affairs Canada
Affaires indiennes et du Nord Canada

Paul Smith
Water Resources Officer
DIAND NWT Region
P.O. Box 100
Iqaluit, N.W.T.
XOA OHO

Bus. (819) 979-4405
Res. (819) 979-7440
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Canada

Fax Transmission

DIAND NWT Region
PO Box 100
Iqaluit, NT
X0A 0H0

Fax: (819)-979-6445
Voice: (819)-979-4405

To: Spill Line

(403)-873-6924

Date: May 10, 1994

File: B6555-1-Nanisivik

Transmittal Note:

UPDATE ON SPILLS 94-074 & 94-075.

1. Spoke to Bob Carreau (NML) on May 6, 1994 regarding the above noted spills.
2. Spill 94-074 (tailings material) is frozen in place and will be cleaned up by hand when temperature permits. This spill was well contained by natural depressions.
3. Spill 94-075 (reclaim water) was not contained. Water started flooding the mill and was diverted by the digging of a large trench. Water flowed through certain portions of the building and down the hill towards the temporary chemical storage area and into Twin Lakes

Number of pages to follow:

1 Short

0 Long

Indian and Northern Affairs Canada
Affaires indiennes et du Nord Canada

Paul Smith
Water Resources Officer
DIAND NWT Region
P.O. Box 100
IQALUIT, N.W.T.
X0A 0H0
Bus. (819) 979-4405
Res (819) 979-6449
Fax (819) 979 6445

Canada

creeks area.

4. Metal levels in the recalim water were of acceptable levels (within water licence limits).

5. Ground around mill was saturated with water.

6. I will be travelling to Nanisivik at the end of May. I will inspect the spill areas at that time.

R.C. Gal

Northwest Territories

N.W.T. SPILL REPORT (Oil, Gas, Hazardous Chemicals or other Materials)

24-hour Report Line
Phone (403) 920-8130
Fax (403) 873-6924

A Report date and time	B Date and time of spill (if known)	C Original report ☒ / Update no.	Spill number
27 JAN 94 07:14	18 JAN 94 12:45		94-008

D Location and map coordinates (if known) and direction (if moving)
NANISIVIK NT

E Party responsible for spill
NANISIVIK MINES LTD

F Product(s) spilled and estimated quantities (provide metric volumes/weights if possible)

G Cause of spill

H Is spill terminated? ☐ yes ☐ no

I If spill is continuing, give estimated rate

J Is further spillage possible? ☐ yes ☐ no

K Extent of contaminated area (in square metres if possible)

L Factors affecting spill or recovery (weather conditions, terrain, snow cover, etc.)

M Containment (natural depression, dykes, etc.)

N Action, if any, taken or proposed to contain, recover, clean up or dispose of product(s) and contaminated materials

O Do you require assistance? ☐ no ☐ yes, describe:

P Possible hazards to persons, property, or environment; eg: fire, drinking water, fish or wildlife

Q Comments and/or recommendations

1) PROBLEMS WITH ANIK E2 SATELLITE PREVENTED UPDATE PRIOR TO NOW.
2) LOCATION OF SPILL WAS APPROX 300m BEYOND THE "DUCK POND". AFTER THE DUCK POND, THE ROAD AND TAILINGS LINE TURN RIGHT AND TRENDS SOUTH TOWARDS WEST TWIN LAKE (TAILINGS CONTAINMENT AREA). THE VALVE FAILURE TOOK PLACE ALONG THIS STRETCH OF ROAD. TWIN LAKES CREEK IS APPROX. 500m TO THE EAST OF THE SPILL SITE.
3) CLEAN UP WILL BE COMPLETE WITHIN A WEEK. THE MINE WILL SUBMIT A DETAILED REPORT WITH MONTHLY SNP REPORT.

FOR SPILL LINE USE ONLY
Lead Agency: INAC
Spill significance:
Lead Agency contact and time: GREG COOK
Is this file now closed?

Reported by	Position, Employer, Location	Telephone
PAUL SMITH	WATER RESOURCES OFFICER, INAC NORTHERN AFFAIRS PROGRAM - IQUALUIT	(819) 979-4405
Reported to	**Position, Employer, Location**	**Telephone**
DON CHAMBERLAIN	ARCTIC ALERT - SPILL LINE - YELLOWKNIFE	(403) 873-3317

NWT 1752(1/93)

Northwest Territories

N.W.T. SPILL REPORT (Oil, Gas, Hazardous Chemicals or other Materials)

ᓄᓇᕗᑦ ᑯᐊᓗᓐ ᐅᓂᒃᑳᖅ (ᑲᓇᑕᒥ, ᓴᓂᑦ, ᓂᕈᐊᓐᓂᑦ ᐃᓄᖅᑕᑦ ᑲᑦᓱᓐ ᓱᓕᕐᓂᑦ)

24-ᓄᑦ ᐃᑲᕐᓗᓄᑦ ᐅᓂᒃᑳᕐᑕᐅᓐᓂᕐᒧᖅ ᐅᑦᑲᓄᑦ
Phone/ᐅᖃᓄᐅᑕ (403) 920-8130
Fax/ᓱᒃᑐᒃᑯᑦ (403) 873-6924

A Report date and time
ᐅᑦᓱᖅ ᓱᕋᖅᑲᒃᓱᓄ ᖃᓱᓯᕐᓂᒃᓱᓄ ᐅᓂᒃᑳᖅᑕᐅᓐ
Jan 13/94 00:46

B Date and time of spill (if known)
ᐅᑦᓱᖅ ᐊᑎᖅᓱᓄ ᖃᑦᓱᕐᓂᒃᓱᓄ (ᖃᐅᔨᒪᑦᑕᑦ)
Jan 13 approx. 12:45

C ✓ Original report
ᓱᕈᓐᓂᕐᒥ ᐅᓂᒃᑳᖅᑕᐅᓐ
Update no. ____
ᐅᓂᒃᑳᖅᑕᖅᑐᑦ ᐊᑎᖅ

Spill number
ᐊᑦᓱᑦ ᑲᓱᑕ
94-008

D Location and map coordinates (if known) and direction (if moving)
ᓄᓇ ᐊᑦᓱᑦ ᑭᒻᒪᓄ ᓄᓇᕗᒻᒥᑦ ᓱᓕᕐᓂᑦ ᑎᑎᕋᖅᑕᑦ ᑭᒻᒪᓄ ᓄᓇᕗᒻᒥᑦᓂᕐᒧᑦ (ᐃᓱᒪᒋᑦ)
~~Mainstreet~~ Nanisivik Northwest Territories

E Party responsible for spill
ᑭᖑᓪᓗᒍ ᐊᑦᓱᑦ
~~Mainstreet~~ Nanisivik Mines Ltd. ~~[illegible]~~ X0A 0X0

F Product(s) spilled and estimated quantities (provide metric volumes/weights if possible)
ᑭᖑᓪᓗᒍ ᐊᑦᓱᑦ ᐊᑦᓱᑦ ᖃᓱᕐᓂᑦ ᑭᓂᓐᓂᑦ (ᑭᓂᓐᓂᖅ ᑲᑦᓱᕐᓂᒃᓱᓄᑦ ᑭᓂᓐᓂᑦ)
Boiling Dilution Jam. 100 sqm meters

G Causes of spill
ᑭᖑᓪᓗᒍ ᐊᑦᓱᑦ
Equipment failure

H Is spill terminated?
ᐊᑦᓱᑦ ᓄᖅᑲᖅᑕᐅᑦ?
[✓] yes/ᐃ [ ] no/ᑲᖅ

I If spill is continuing, give estimated rate
ᓱᓕ ᐊᑦᓱᑦ ᖃᓱᕐᓂᑦ ᑭᓂᓐᓂᑦᓱᑦ
No

J Is further spillage possible?
ᐊᑦᓱᖅᓂᐅᐃᓐᓄᓇᕗᖅᑕᑦ?
[ ] yes/ᐃ [✓] no/ᑲᖅ

K Extent of contaminated area (in square metres if possible)
ᖃᓐᓂᑦ ᑭᓂᓐᓂᑦ ᐊᑦᓱᑦᓱᑦ ᑲᑦᓱᕐᓂᒃᓱᓄ ᑭᓂᓐᓂᑦ)
100 sqm meters

L Factors affecting spill or recovery (weather conditions, terrain, snow cover, etc.)
ᑭᖑᓪᓗᒍ ᐊᑦᓱᑦ ᑲᑦᓱᕐᓂᒃᓱᓄᑦ ᑭᓂᓐᓂᑦᓱᑦᓂᕐᒧᑦᓱᓄ ᐊᓐ ᖃᓱᕐᓂᒃᓱᓄᑦ, ᓄᓇ ᖃᓱᕐᓂᒃᓱᓄᑦ ᑭᓂᓐᓂᑦᓱᑦᓱᓄᑦ ᑭᓂᓐᓂᑦᓱᑦᓱᓄᑦ
Snow cover.

M Containment (natural depression, dykes, etc.)
ᑭᖑᓪᓗᒍ ᐊᑦᓱᑦ ᐊᑦᓱᑦᓱᑦᓂᕐᒧᑦ ᐊᑦᓱᑦᓱᑦᓂᕐᒧᑦ ᐊᑦᓱᑦᓱᑦᓂᕐᒧᑦ (ᓄᓇᕗᑦ ᐊᑦᓱᑦᓱᑦ, ᐊᑦᓱᑦᓱᑦᓂᕐᒧᑦ)

N Action, if any, taken or proposed to contain, recover, clean up or dispose of product(s) and contaminated materials
ᖃᓐᓂᑦᓱᑦ, ᖃᓐᓂᑦᓱᑦᓱᑦᓂᕐᒧᑦ ᑭᓂᓐᓂᑦ ᖃᓐᓂᑦᓱᑦᓱᑦᓂᕐᒧᑦ ᐊᑦᓱᑦᓱᑦᓂᕐᒧᑦ, ᓄᓇᕗᑦᓱᑦᓂᕐᒧᑦ, ᓴᓇᕐᓱᑦᓱᑦᓂᕐᒧᑦ ᑭᓂᓐᓂᑦ ᐊᑦᓱᑦᓱᑦᓂᕐᒧᑦ ᐊᑦᓱᑦ (ᐊᑦᓱᑦᓱᑦ) ᑭᓂᓐᓂᑦ ᐊᑦᓱᑦᓱᑦ.
Creating a dyke made out of snow. to minimise the spill. and sip

O Do you require assistance?
ᐃᓱᒪᒃᑕᑦᓱᑦᓱᑦᓂᕐᒧᑦ?
[✓] no/ᑲᖅ [ ] yes, describe: ᐃ - ᐊᑦᓱᑦᓱᑦᓂᕐᒧᑦ

P Possible hazards to persons, property, or environment; eg: fire, drinking water, fish or wildlife
ᑭᖑᓪᓗᒍ ᐊᑦᓱᑦᓱᑦᓂᕐᒧᑦ ᐊᑦᓱᑦ, ᐊᑦᓱᑦᓱᑦᓂᕐᒧᑦ ᑭᓂᓐᓂᑦ ᑭᓂᓐᓂᑦ ᐊᑦᓱᑦᓱᑦᓂᕐᒧᑦ - ᐊᑦᓱᑦ, ᐊᑦᓱᑦ ᐊᑦᓱᑦᓱᑦᓂᕐᒧᑦ, ᐊᑦᓱᑦᓱᑦᓂᕐᒧᑦ ᑭᓂᓐᓂᑦ ᑭᓂᓐᓂᑦ ᐊᑦᓱᑦᓱᑦᓂᕐᒧᑦ
Nothing

Q Comments and/or recommendations ᑭᖑᓪᓗᒍ ᑭᒻᒪᓄ ᑭᓂᓐᓂᑦ ᖃᓐᓂᑦᓱᑦᓱᑦᓂᕐᒧᑦ

The spill is under control. They are using snow as a guard to block the spill from moving in any other direction.

" Fill out a report later. John said that a report will be filled out later for the spill

FOR SPILL LINE USE ONLY
ᑭᖑᓪᓗᒍ ᐊᑦᓱᑦ ᑲᖃᓐᓂᑦᓱᑦᓂᕐᒧᑦ

Lead Agency
ᐃᓄᖅᑕᑦᓱᑦᓂᕐᒧᑦ ᐊᑦᓱᑦ ᑲᓱᕐᓂᑦ.
INAC

Spill significance
ᐊᑦᓱᑦ ᖃᓐᓂᑦᓱᑦ
Minor

Lead Agency contact and time
ᐃᓄᖅᑕᑦᓱᑦᓂᕐᒧᑦ ᐊᑦᓱᑦ ᑲᓱᕐᓂᑦ ᖃᓐᓂᑦᓱᑦᓂᕐᒧᑦ ᑭᒻᒪᓄ ᑲᓱᕐᓂᑦᓱᑦ
01:24
Greg Cook.

Is this file now closed?
ᑕᓐᓂ ᑭᓂᓐᓂᑦᓱᑦᓂᕐᒧᑦ ᑲᓱᕐᓂᑦ?

Reported by ᑭᖑᓪᓗᒍ	Position, Employer, Location ᖃᓐᓂᑦᓱᑦᓂᕐᒧᑦ ᐃᓄᖅᑕᑦᓱᑦᓂᕐᒧᑦ, ᐊᑦᓱᑦ	Telephone ᑭᖑᓪᓗᒍ
Don Grayson	Mineral processing interrogation	819-436-7472
Reported to ᑭᖑᓪᓗᒍ ᑭᓂᓐᓂᑦᓱᑦᓂᕐᒧᑦ	**Position, Employer, Location** ᖃᓐᓂᑦᓱᑦᓂᕐᒧᑦ ᐃᓄᖅᑕᑦᓱᑦᓂᕐᒧᑦ, ᐊᑦᓱᑦ	**Telephone** ᑭᖑᓪᓗᒍ
Paula Bloomer	Station Operator, INAC (Spill Line)	920-8130

NWT 17527/0693

YK.

Northwest Territories

N.W.T. SPILL REPORT (Oil, Gas, Hazardous Chemicals or other Materials)

24-Hour Report Line
Phone/Fax (403) 920-8130
Fax/ᑲᑦᑐᖅᑯᑦ (403) 873-6924

A Report date and time: Oct 15/93 13:06	B Date and time of spill (if known): Oct 8/93 17:00 est	C ☐ Original report ☒ Update no. 1	Spill number: 93-167

D Location and map coordinates (if known) and direction if moving:
Nanisivik Mine at the Concentrator Bldg.

E Party responsible for spill:
Nanisivik Mines Ltd.

F Product(s) spilled and estimated quantities (provide metric volumes/weights if possible):
Mill Tailings 10,000 l

G Cause of spill:

H Is spill terminated? ☐ yes ☐ no	I If spill is continuing, give estimated rate	J Is further spillage possible? ☐ yes ☐ no	K Extent of contaminated area (in square metres if possible)

L Factors affecting spill or recovery (weather conditions, terrain, snow cover, etc.)	M Containment (natural depression, dykes, etc.)

N Action, if any, taken or proposed to contain, recover, clean up or dispose of product(s) and contaminated materials

O Do you require assistance? ☐ no ☐ yes, describe:	P Possible hazards to persons, property, or environment; eg: fire, drinking water, fish or wildlife

Q Comments and/or recommendations
1 page to follow

FOR SPILL LINE USE ONLY
Lead Agency: INAC
Spill significance:
Lead Agency contact and time:
Is this file now closed?

DEPARTMENT OF RENEWABLE RESOURCES
RECEIVED
OCT 1-5 1993
IQALUIT, N.W.T.

Reported by	Position, Employer, Location	Telephone
Paul Smith	Waterbes Officer, Northern Affairs Program	(867)-979-6445
Reported to	**Position, Employer, Location**	**Telephone**
Rob Kisonwind	Station Manager, A.R.C. Y.K.	(403)-873-3117

NWT 1788/0693

Fax Transmission

Northern Affairs Program
PO Box 100
Iqaluit, NT
X0A 0H0

Fax: (819)-979-6445
Voice: (819)-979-4405

To: Spill Line

Date: 15 October 93

File: B9546-6-N5L3-0159

Transmittal Note:

UPDATE OF SPILL 93-167

1. Line failure occurred just outside the mill and was acted upon immediately. Mill shut down and heavy equipment made berms to contain the material. Most material has since been placed in the tailings disposal area. Some material remains frozen on a roadbank, but will be cleaned up by next week. No tailings slurry made it into Twin Lakes Creek.

2. Area will be inspected during next inspection.

Number of pages to follow:

0 Short

0 Long

Indian and Northern Affairs Canada
Affaires indiennes et du Nord Canada

Paul Smith
Water Resources Officer
Northern Affairs Program

P.O. Box 100
Iqaluit, N.W.T.
X0A 0H0

Bus. (819) 979-4405
Tel. (819) 979-5149
Fax (819) 979-6445

Canada

N.W.T. SPILL REPORT

(Oil, Gas, Hazardous Chemicals or other Materials)

Northwest Territories

[redacted]

A Report date and time: OCT 8/93 15:50

B Date and time of spill (if known): Oct 8/93 17:00 (EDT)

C ☑ Original report / ☐ Update no. ____ — Spill number: 93-167

D Location and map coordinates (if known) and direction (if moving): NANISIVIK MINE. AT THE CONCENTRATOR BUILDING

E Party responsible for spill: NANISIVIK MINES LTD

F Product(s) spilled and estimated quantities (provide metric volumes/weights if possible): MILL TAILINGE 10,000 L

G Cause of spill: BROKEN TAILINGS LINE

H Is spill terminated? ☑ yes/ᐃ ☐ no/ᑯᒃ

I If spill is continuing, give estimated rate:

J Is further spillage possible? ☐ yes/ᐃ ☑ no/ᑯᒃ

K Extent of contaminated area (in square metres if possible): ABOUT 300 sq. metre

L Factors affecting spill or recovery (weather conditions, terrain, snow cover, etc.): NONE

M Containment (natural depression, dykes, etc.): DYKE BUILT WITH LOADERS

N Action, if any, taken or proposed to contain, recover, clean up or dispose of product(s) and contaminated materials:
WHEN FREEZING OCCURS WILL CLEAN UP WITH LOADERS AND REMOVE TO TAILINGE LAKE

O Do you require assistance? ☑ no/ᑯᒃ ☐ yes, describe:

P Possible hazards to persons, property, or environment: eg: fire, drinking water, fish or wildlife: High pH. CAUSTIC

Q Comments and/or recommendations:
TO BE CONFIRMED - GREG COOK.

FOR SPILL LINE USE ONLY

Lead Agency: INAC

Spill significance:

Lead Agency contact and time: INAC - Greg Cook 16:27

Is this file now closed?

DEPARTMENT OF RENEWABLE RESOURCES
RECEIVED
OCT 1 2 1993
IQALUIT, N.W.T.

Reported by	Position, Employer, Location	Telephone
ROBERT CARREAU	NANISIVIK MINE PROCESS TECHNOLOGY SUPERVISOR	(819) 436-7401
Reported to	**Position, Employer, Location**	**Telephone**
Y. Green	STATION OPERATOR, AACL YK.	(403) 873-3117

NWT 1758/0693

Northwest Territories

N.W.T. SPILL REPORT (Oil, Gas, Hazardous Chemicals or other Materials)

24-Hour Report Line
Phone/ᐅᖃᓚᐅᑦ (403) 920-8130
Fax/ᓱᒃᑐᖅᑕᖅ (403) 873-6924

A Report date and time: 20 December 1994 09:00hrs

B Date and time of spill (if known): 8 October 1993 12:00CST

C Original report / Update no. ___ : X

Spill number: 93-167

D Location and map coordinates (if known) and direction (if moving): Nanisivik Mine at the Concentration Bldg

E Party responsible for spill: Nanisivik Mines Ltd

F Product(s) spilled and estimated quantities (provide metric volumes/weights if possible): Mine Tailings 10,000 ℓ

G Cause of spill:

H Is spill terminated? [ ] yes/ᐃ [ ] no/ᓇᓄᑦ

I If spill is continuing, give estimated rate:

J Is further spillage possible? [ ] yes/ᐃ [ ] no/ᓇᓄᑦ

K Extent of contaminated area (in square metres if possible):

L Factors affecting spill or recovery (weather conditions, terrain, snow cover, etc.):

M Containment (natural depression, dykes, etc.):

N Action, if any, taken or proposed to contain, recover, clean up or dispose of product(s) and contaminated materials:

O Do you require assistance? [ ] no/ᓇᓄᑦ [ ] yes, describe/ᐃ - ᓱᓕᓂᕐᒧᑦ

P Possible hazards to persons, property, or environment: eg: fire, drinking water, fish or wildlife:

Q Comments and/or recommendations:

1. An inspection conducted during the summer of 1994 (31 May - 1 June) concluded that Spill 93-167 had been cleaned up. No further concerns noted.
2. This office considers this spill file closed.

FOR SPILL LINE USE ONLY

Lead Agency: INAC

Spill significance:

Lead Agency contact and time:

Is this file now closed? Yes

Reported by	Position, Employer, Location	Telephone
Paul Smith	Water Resources Officer, Northern Affairs Program	(819) 979-4405
Reported to	**Position, Employer, Location**	**Telephone**
Alex Bezilky	Station Operator, A.A.C.L. (Spill Line), YK	(403) 873-6924 (Fax)

NWT 1782/0563

10

Northwest Territories

N.W.T. SPILL REPORT

(Oil, Gas, Hazardous Chemicals or other Materials

24-Hour Report Line
Phone (403) 873 8130
Fax (403) 873 6924

A Report date and time	B Date and time of spill (if known)	C ☑ Original report ☐ update no.	Spill number
Jan 28/93 8:34	Jan 27/93 14:00		93-010

D Location and map coordinates (if known) and direction (if moving)
NANISIVIK MINE UNDERGROUND COMPRESSOR ROOM 17N

E Party responsible for spill
NANISIVIK MINE LTD.

F Product(s) spilled and estimated quantities (provide metric volumes/weights if possible)
2 litres OF ASKAREL OIL (PCB'S)

G Cause of spill
TRANSFORMER FAILED DURING MAINTENANCE - INSULATOR CRACKED CAUSING SPILLAGE INTO CONTAINMENT SPILL PANS

H Is Spill terminated?	I If spill is continuing give estimated rate	J Is further spillage possible?	K Extent of contaminated area (in square metres if possible)
☑ yes ☐ no		☐ yes ☑ no	SPILL PANS ONLY

L Factors affecting spill or recovery (weather conditions, terrain, snow cover, etc)	M Containment (natural depression, dykes, etc.)
N	SPILL PAN

N Action, if any, taken or proposed to contain, recover, clean up or dispose of product(s) and contaminated materials
TIPPED TRANSFORMER ONTO ITS SIDE TO STOP LEAKING. WILL BE ENCASED AND WELDED INTO A METAL CONTAINER AND STORED IN AN UNUSED AREA OF the mine underground.

O Do you require assistance?	P Possible hazards to persons, property, or environment: eg. fire, drinking water, fish or wildlife
☑ no ☐ yes, describe:	N

Q Comments and/or recommendations
A FULL REPORT WILL FOLLOW

FOR SPILL LINE USE ONLY
Lead Agency: INAC
Spill significance: MINOR
Lead Agency contact and time: MIKE LOGGE Jan 28/93 09:40
Is this file now closed?

Reported by	Position, Employer, Location	Telephone
BOB CARREAU	PROCESS TECHNOLOGY SUPERVISOR NANISIVIK MINE	436-7401
Reported to	**Position, Employer, Location**	**Telephone**
K. CHIPMAN	AACL	873-3117

NWT 1793/1092

92-135

JUL 0 9 1992
DEPARTMENT OF RENEWABLE RESOURCES
IQALUIT, N.W.T.

Fax Transmission

Northern Affairs Program
PO Box 100
Iqaluit, NWT
X0A 0H0

Fax: 1-819-979-6445
Office: 1-819-979-4405

To: Ken Hall
Pollution Control Div.
Renewable Resources
(403)-873-0221

Date: 8 July 92
File: B5555-1-92-135
N5L3-0159

Transmittal Note:

Update on spill 92-135:

I talked to Mr. Bob Carreau on 3 July 92. Mr. Carreau said that they would be sampling on a daily basis for the 14 day period after the spill, then weekly after that, as per licence requirements. Mr. Carreau stated that the results of this testing would be included in the next monthly report.

Regards,

Paul Smith
WRO - Trainee
Baffin District

Number of pages to follow:

0 Short

0 Long

SPILL REPORT

(Oil, Gas or Other Materials, i.e. Hazardous Chemicals, etc.)

92-135

Update #1

24-Hour Report Line
Phone (403) 520-6130

A	Report Date: June 25, 92	Date and Time of Spill if Known: June 24th/92 at 17:00 S.S.T
B	Location and Map Coordinates (if known) and Direction if Moving: Nanisivik Mine Property. East Adit Water Treatment Plant.	
C	Party Responsible: Nanisivik Mines Ltd	
D	Product Spilled and Estimated Quantities (Provide actual Volumes/Weights if Possible): 660 M3 of untreated run-off water.	
E	Cause of Spill: Catchment pond overflowed.	
F	Is Spill Terminated or Continuing: Spill terminated at 07:00 June 25th, 1992.	
G	Extent of Contaminated Area: Spill followed drainage route South to Strathcona Sound.	
H	Factors Affecting Spill or Recovery - Temperature, Wind, Swell, Ice, Terrain, Buildings, etc.: Temperature recorded at Mine-site was unusually high for this time of year (14 degree celsius). This accelerated melting of snowcover and run-off volumes were too large to contain at catchment pond.	
I	Containment - Naturally, Booms, Dykes or Other, Ice Underneath: Spill not contained.	
J	Action, if any, Taken or Proposed to Contain, Recover, Clean-up or Dispose: No action possible to stop spill on this occasion.	
K	Do You Require Assistance: No	If so, What Form: -
L	Hazard to Persons or Property or Environment - Fire, Drinking Water, Threat to Fish or Wildlife: See analysis below.	

M Comments and/or Recommendations: Larger capacity discharge pipe will be installed to handle more volume should similar circumstances occur again.

	PH	Zn	Pb	Cd
Samples collected at 19:00 June 24th, 1992.	6.06	2.89	0.039	0.007
8:00 June 25th, 1992.	6.32	2.85	0.028	0.005

(analysis done in mg/l)

Reported by: R. Carreau	Position, Employer, Location: Acting Mill Superintendent	Telephone: 819-436-7472
Reported to: J.M.A Theriault	Position, Employer, Location: District Manager, D.I.A.N.D	Telephone: 819-979-4405

Northwest Territories

SPILL REPORT

(Oil, Gas or Other Materials, i.e. Hazardous Chemicals, etc.)

24-Hour Report Line
Phone (403) 920-8130

92 - 135

A	Report Date: June 24/92	Date and Time of Spill if Known: June 24 17:00 hrs.
B	Location and Map Coordinates (if known) and Direction if Moving: Nanisivik Mine Ltd 73°N on Baffin Island	
C	Party Responsible: Nanisivik Mines Ltd.	
D	Product Spilled and Estimated Quantities (Provide Metric Volumes/Weights if Possible): acid mine drainage quantity unknown	
E	Cause of Spill: quickness of run-off	
F	Is Spill Terminated or Continuing: continuing	
G	Extent of Contaminated Area: flowing in creek area (called adit)	
H	Factors Affecting Spill or Recovery - Temperature, Wind, Snow, Ice, Terrain, Buildings, etc.: temperature	
I	Containment - Naturally, Booms, Dykes or Other, No Containment: none	
J	Action, if any, Taken or Proposed to Contain, Recover, Clean-up or Dispose: none	
K	Do You Require Assistance: No.	If so, What Form:
L	Hazard to Persons or Property or Environment - Fire, Drinking Water, Threat to Fish or Wildlife: environment	
M	Comments and/or Recommendations: significance: lead agency: NWT Baffin Region NAP office E. Brown (Govt Renewable Resources) contacted at 18:35 hrs. Greg Cook (NAP/NWT) contacted at 18:40 hours. Ed Collins (Envt. Canada) contacted at 19:00 hours.	

Reported by: Robert Arrau	Position, Employer, Location: Environmental Technician, Nanisivik	Telephone: (819) 436-7472
Reported to: Pam (Arctic Alarms)	Position, Employer, Location:	Telephone: 920-8130

Northwest Territories

SPILL REPORT

(Oil, Gas or Other Materials, i.e. Hazardous Chemicals, etc.)

24-Hour Report Line
Phone (403) 920-8130

91-123

A	Report Date: July 8/91	Date and Time of Spill if Known: - July 7/91 18:30
B	Location and Map Coordinates (if known) and Direction if Moving: - EAST ADIT CATCHMENT POND - BAFFIN ISLAND NANISIVIK	
C	Party Responsible: - MINERAL PROCESSING DEPT.	
D	Product Spilled and Estimated Quantities (Provide Metric Volumes/Weights if Possible): - 400 LITRES/MIN APX 5 HRS. = 120 m^3	
E	Cause of Spill: - 25 min of rain	
F	Is Spill Terminated or Continuing: - TERMINATED	- started Treatment system, pumped through line treatment down to 20 ltr/min by 8:00. ceased overflow by 10:00 AM.
G	Extent of Contaminated Area: - SPILL FOLLOWED NATURAL DRAINAGE ROUTE, TO STRATHCONA SOUND.	
H	Factors Affecting Spill or Recovery - Temperature, Wind, Snow, Ice, Terrain, Buildings, etc.: - NO RECOVERY	
I	Containment - Naturally, Booms, Dykes or Other. No Containment: - no Containment	
J	Action, if any, Taken or Proposed to Contain, Recover, Clean-up or Dispose: - no action taken - water was gone	
K	Do You Require Assistance: - no	If so, What Form: -
L	Hazard to Persons or Property or Environment - Fire, Drinking Water, Threat to Fish or Wildlife	
M	Comments and/or Recommendations: Analysis of 2 water samples: July 8 < 1 at 200 am - PH. 8.2, Zinc 1.5 mg, Lead 0.050. 1 at 8:30 - PH 9.2, Zinc 1.03 mg, Lead 0.021. CADMIUM FOR BOTH WAS .005.	LEAD: DRINK DISTRICT IGALUIT SIGNIF: Minor Called Andy The incident closed passed spill 16:20

Reported by	Position, Employer, Location	Telephone
KEN RAWLING	ACTING MILL SUP'T.	819-436-7472
Reported to	**Position, Employer, Location**	**Telephone**
LAURIE	SPILL LINE	403-920-8130

Government of the Northwest Territories

SPILL REPORT

(Oil, Gas or Other Materials, i.e. Hazardous Chemicals, etc.)

GNWT 2/16 90-114 90/07/16

A	Report Date: July 16, 1990	Time and Type of Spill Occurrence: Morning of June 25, 1990 through to morning of June 27, 1990.
B	Location and Map Coordinates (Nearest) and Direction if Moving: East Adit Catchment Pond – Nanisivik	
C	Party Responsible: Mineral Processing Department	
D	Product Spilled and Estimated Quantities (Provide Metric Volumes/Weights if Available): Eighteen litres/min or approx. 50 m3 of untreated run-off water.	
E	Cause of Spill: Instrumentation problem with treatment system causing pond to fill up and overflow.	
F	Is Spill Terminated or Continuing: Terminated on June 27, 1990.	
G	Extent of Contaminated Area: Spill followed natural drainage route to Strathcona Sound.	
H	Factors Affecting Spill or Recovery - Temperature, Wind Speed, Ice Cover, Buildings etc: Catchment pond full making recovery impossible.	
I	Containment - Is Lagoon, Berms, Dykes or Other Ice Containment: No containment.	
J	Action, If any, Taken or Proposed to Contain, Recover, Clean-Up or Dispose: Instrumentation problem with treatment system corrected.	
K	Did Party Require Assistance: No	If so, What Form: —
L	Hazard to Persons or Property or Environment - Fish, Drinking Water, Threat to Fish or Wildlife: No	
M	Comments and or Recommendations: Water Resouce Officer made aware of this discharge on June 26 followed by a formal letter with analysis.	

Lead: TNC-NAP Inspector.
Signif. Mine

K(F)

Reported By: | Reporter Employer Location: