

ՀՀ ԳԼԽԱՎՈՐ ԴԱՏԱՎԱՐՈՒՄ / P.O. Box 2379 Cambridge Bay, NT / EKAUKTUTIAK, NUNATIAVI XOE OCO • ԺԱՆՈՒՆ / Phone / HUYAHOYA: (867) 983-2593 • ՈՒՆՆԵՐ ԺԱՆՈՒՆ / Fax / FAX-KOT: (867) 983-2594

PROJECT OVERVIEW

July 2, 1998

To: Distribution List via fax.

Re: NIRB file no. 98W07N101

Project: Mineral Exploration – McGregor Lake Area

Proponent: Canamera Geological Ltd.

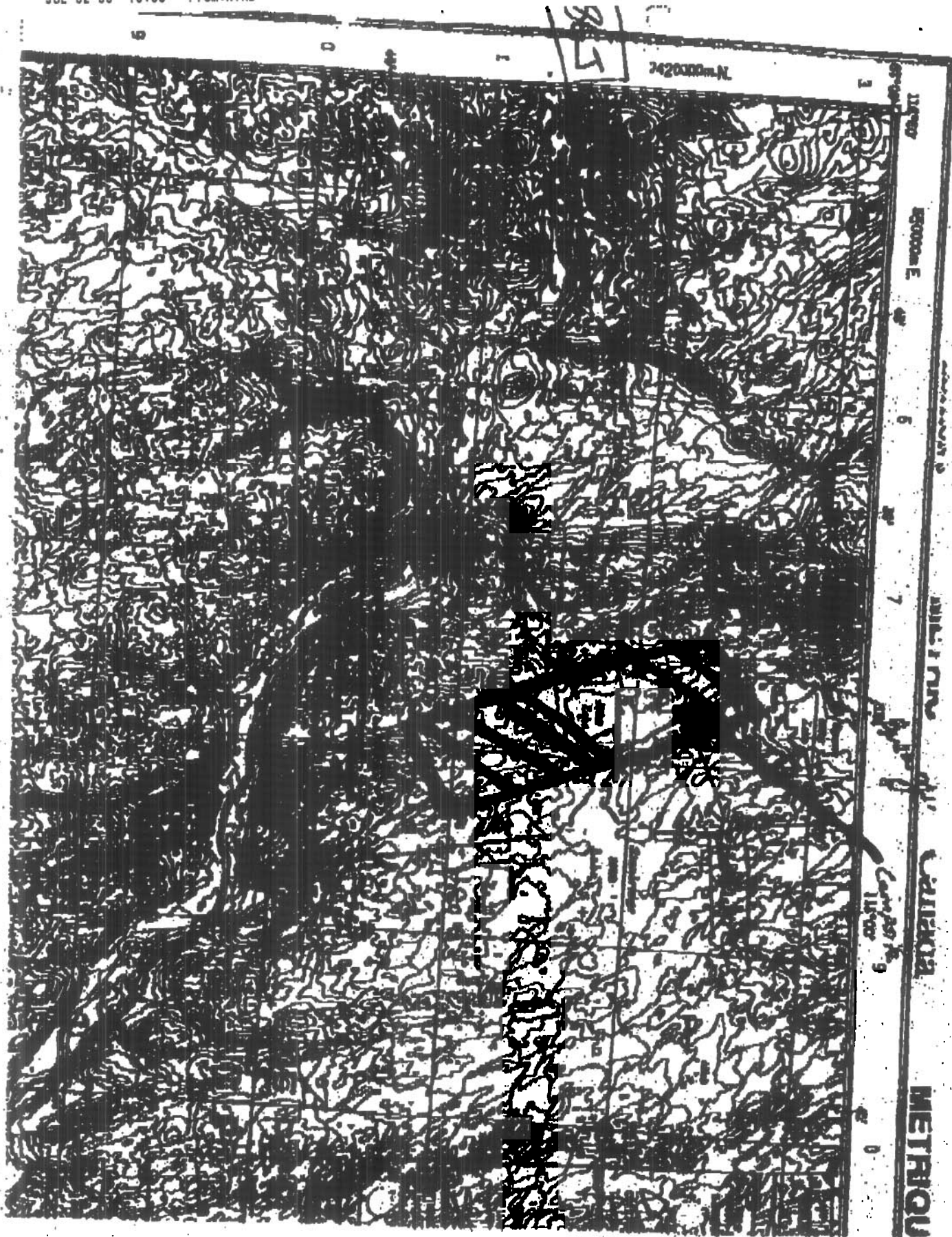
Region: Kitikmeot

Location: Camp: 66°54.82'N 115°14.47'W

Project Overview:

Canamera Geological Ltd. has applied for a water licence to operate a 10 to 15 person camp as part of their proposed mineral exploration project in the McGregor Lake Area beginning in mid-July. At this time, no drill locations have been established and the water use application is only being screened for camp use purposes. Once the drill locations have been chosen, it is understood that prior to drilling, Canamera will apply for an amendment to the water licence and that a NIRB screening of the proposed drilling activities will take place.

This phase of the operation will include airborne geophysics, ground geophysics, and basic geology in order to identify potential drilling targets. A small 10 to 15 person camp will be set up and the water, from McGregor Lake, will be used for domestic purposes (washing, cooking and showering). Approximately 20 m³ of water will be used per day when the camp is in full operation. All return water will be directed into a natural depression at least thirty (30) metres away from the high water mark. Biolet toilets will be used for human waste which will be burned daily. Grey water from kitchen and showers will be retained in a natural depression.



SECTION 1:

GENERAL

NUNAVUT WATER BOARD
JUN 23 1998
PUBLIC REGISTRY

1.

Applicant

Applicant Carnegie A Ecological Ltd.
(Company, corporation, owner)

(Company, corporation, owner)

399 Mountain Hwy, North Vancouver, BC
(Postal address) V7J 2E9

(Postal address)

Tel.

(Telephone numbers)

(Pack)

jatten@canamecs.com
(E-Mail)

(E-Malt)

Corporate Address (If different from above)

(Corporate Office Address)

(Telephone number)

(Fax)

(E-Mail)

Project Name

Project Name Muskoos Project

Location McKenzie Lake, NT

Closest Community Englehart

Latitude/Longitude: 66° 54' 82" x 115° 14' 47"

Show the location of the project on a general location map

(see attached map)

2.

Environmental Manager

(Name)

Box 75912 Atkins

609 989 7200

(Telephone No.)

3. Indicate the status of the exploration activity on the date of application. (Check the appropriate space.) *Preliminary exploration phase*

Design

☒

6-8 week weather van camp.

Under construction

☐

In operation

☐

Suspended

☐

Care and Maintenance

☐

Abandoned

☐

4. If a change in the status of the exploration activity is expected, indicate the nature and anticipated date of such change.

*If results warrant, begin camp
advanced exploration to prove reserve
& geological grade.*

5. Indicate the present (or proposed) schedule for the exploration activity.

Hours per week

50

Days per week

7

Weeks per year

20

Number of employees

10

Number of Inuit employees

2

6. Estimate the term (life) of the exploration activity.

 (Months / Year)

7. How will the project effect the traditional uses on Inuit Owned Lands?

*Very small exploration camp.
It shouldn't affect traditional uses.*

8. Have the Elders been consulted on effects to the traditional use on Inuit Owned Land? If so, list them. If not, why not?

Very preliminary stages of exploration.

9. Has the proponent consulted Inuit Organizations in the area? If so, list them.

*Yes - Kitikmeet Inuit Association.
Cammeret is joint ventured with
the Kitikmeet Corporation to provide
exploration services.*

10. Has the proponent consulted surrounding communities on traditional water use areas? If so, list them. If not, why not?

Very preliminary stages of exploration.

11. Attach a detailed map drawn to scale showing the relative locations (or proposed locations) of the exploration activity, Sewage and solid waste facilities, and containment areas. The plan should include the water intake and pump house, fuel and chemical storage facilities, Ore and waste rock storage piles, piping distribution systems, and transportation access routes around the site. The map also should include elevation contours, water bodies and an indication of drainage patterns for the area.

12. If applicable, provide a brief history of property development which took place before the present company gained control of the site. Include shafts, audits, mills (give rated capacity, etc.) waste dumps, chemical storage areas, tailings disposal areas and effluent discharge locations. Make references to the detailed map.

*Only an old exploration camp
& drilling was performed in
the past on this property.*

08/23/98 TUE 11:14 FAX
MAY-28-98 15:48 FROM:MUNAWUT WATER BOARD

ID:007 358 8358

PAGE 2011
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18. If "YES" above, indicate the name of the water body, the total volume of water to be discharged and the chemical characteristics of the water.

Water body (if unnamed give Latitude/Longitude) _____

Total volume _____ cubic metres

Receiving Watercourse _____

Dewatering flow rate into above _____ cubic metres / sec

Chemical characteristics of discharge:

T/Pb	_____ mg/L	Total Ammonia	_____ mg/L
T/Cu	_____ mg/L	Suspended solids	_____ mg/L
T/Al	_____ mg/L	Specific conductivity	_____ uhmo/cm
T/HCN	_____ mg/L	pH	_____
T/Hg	_____ mg/L		
T/Zn	_____ mg/L		
T/Cd	_____ mg/L		
T/As	_____ mg/L		
T/Ni	_____ mg/L		
T/Mn	_____ mg/L		

19. Was (or will) the above discharge (be) treated chemically?

20. If "YES" above, describe the applied treatment.

21. Briefly describe what will be done with the camp sewage.

Camp grey water is discharged
to a natural depression at least
30m away from high water mark
Buckets are used for sewage human feces.
+ buried daily.

SECTION 2:**GEOLOGY AND MINERALOGY**

22. Briefly describe the physical nature of the mineralization, including known dimensions and approximate shape.

we are looking for massive sulfides (Ni-Cu-PGE)
on deposits, related to ultramafic-mafic rocks.
The main ore minerals are: pyrrhotite, chalcopyrite
and pentlandite.

23. Briefly describe the host rock in the general vicinity of the mineralization (from the surface to the mineralized zone.)

The mineralization is hosted in ultramafic-mafic
rocks (Troctolite, Gabbro-norite and Pseudotachylite -
Pseudotachylite) part of the Muskox intrusion. Also
the mineralization occurs in the Gabbro-norite
in contact with the Muskox intrusion (Hornblende).

24. Provide a geological description of the mineralized zone. (If possible, include the percentage of metals.)

25. Describe the geochemical tests which have been (or will be) performed on the ore, host rock, and waste rock to determine their relative acid generation and contaminant leaching potential. Outline methods used (or to be used) and provide test results in an attached report (i.e. static tests, kinetic tests.)

26. Estimate the percentage of sulphide in the mineralization:

pyrite
pyrrhotite
pyrite / pyrrhotite mixture
arsenopyrite

1 to 2%
5 to 10%
—

SECTION 3:

EXPLORATION OPERATION

27. Check off the type (or proposed type) of exploration operation that will be used on the property and briefly describe the method in more detail.

- a) Reverse circulation to obtain bulk sample
b) Trenching
c) Conventional open pit
d) Decline
e) Conventional underground
f) Strip mining activity
g) Other Exploration activity (please explain)

*drilling with core
dolls*

28. Indicate the size and number of samples that will be obtained.

_____ tonnes

_____ number of samples

Please note if smaller samples are to be taken from different areas (note location) to form one large bulk sample.

*Drilling expected in future.
No locations are known at this time.*

29. Indicate the present or proposed average rate of exploratory production from all mineralized sources on the property:

_____ tonnes ore / day

30. Outline the water usage (or proposed water usage) in the exploration activity, indicate the source and volume of water for each use.

Source	Use	Volume (m ³ / day)
1. <i>McKegg Lake</i>	<i>Camp Water</i>	<i>15-20</i>
2. <i>Other Lakes</i>	<i>Drilling</i>	<i>10</i>

31. If applicable, indicate or estimate the volume of natural ground water presently gaining access to the mine workings.

N/A

_____ m³ / day

32. If applicable, outline methods used underground or on surface to decrease mine water flow. (For example: recycling)

33. List the brand names and constituents of the drill additives to be used.

See attached MSDS Sheets

SECTION 4:

THE MILL OR PROCESSING PLANT

34. Is there (or will there be) a portable mill processing plant be operating on the property in conjunction with the exploration activity?

Yes

☒ No

35. If "yes" indicate the proposed point of discharge for the mill or process plant water and the volume of the discharge.

Point of discharge

Volume of discharge _____ m³ / day

36. Attach a copy of the portable mill or processing plant flow sheet. Indicate the points of addition of all the various reagents (chemicals) that are (or will be) used.

37. Indicate the proposed rate of milling.

_____ not applicable (check) or _____ tonnes / day

38. List the types and quantities of all reagents used in the mill or processing plant (in kg/tonne ore milled.)

53. Will (treated) effluent be discharged directly to a natural waterbody or will polishing or settling ponds be employed? Describe location, control structures, and process of water retention and transfer. Attach any relevant design drawings.

54. Name the first major watercourse the discharge flow enters after it leaves the area of company operations.

SECTION 7:

ENVIRONMENTAL MONITORING PROGRAM

55. Has Traditional Knowledge in the area been considered? If so, how? If not, why not?

No, very preliminary stages of exploration.

56. Has any baseline data been collected for the main water bodies in the area prior to development?

No

57. If "Yes", include all data gathered on the physical, biotic and chemical characteristics at each sampling location. Identify sampling locations on a map.

58. Provide an inventory of hazardous materials on the property and storage locations.

None.

SECTION 8:

ENVIRONMENTAL ASSESSMENT AND SCREENING

59. Has this project ever undergone an initial environmental review? If Yes, By whom and when.

Yes.

60. Has any baseline data collection and evaluation been undertaken with respect to the various biophysical components of the environment potentially affected by the project (eg. Wildlife, soils, air quality), ie. In addition to water related information requested in this questionnaire?

_____ Yes

No /

Unknown _____

61. If "Yes" please attach copies of reports or cite titles, authors and dates.

62. If no, are such studies being planned? Depends

Briefly describe the proposals.

Comprehensive baseline studies
including water quality, Aquatics,
wild life, heritage resources etc
will be conducted if preliminary
exploration program looks positive.

63. Has authorization been obtained or sought from the Department of Fisheries and Oceans for dewatering or using any waterbodies for containment of waste?

N/A

64. Has a socio-economic impact assessment or evaluation of this project been undertaken? (this would include a review of any public concerns, land, water and cultural uses of the area, implications of land claims, compensation, local employment opportunities, etc.)

Yes _____

No ☒

Unknown _____

65. If "Yes" please describe the proposal briefly.

66. If "No" is such a study being planned? Yes _____ No ☒

67. Describe any cumulative impacts the project may create?

N/A

68. Does the project alter the quantity or quality or flow of waters through Inuit Owned Lands?

N/A

69. If yes, has the applicant entered into an agreement with the Designated Inuit Organization



April 24, 1998

Kikimoot Inuit Association
#4 Inuit Street,
Kugluktuk, NT X8E 0B0

Attn: Ms. Wynet Smith - Lands Manager

RE: **ES6C184 Update of Activities**

Canamera Geological Ltd. would like to update the Kikimoot Inuit Association of our exploration intentions of our "Mamuk Project".

Canamera Geological Ltd. would like to re-establish our 6-8 Weather Haven exploration camp in Inuit Withdrawal C20-62 / 663 (See attached map). We intend on conducting the following exploration activities based out of the existing camp:

- 1) Airborne and Ground Geophysics
- 2) TIE Sampling
- 3) Exploration Drilling

The area of interest for these activities are outlined in the attached map. In addition, as the exploration drilling will be dependent on the geophysical and geochemical analysis, no targets are presently provided, however when the drill targets are identified, they will be forwarded to your office.

The crews will vary from approximately two to fifteen personnel. All materials and debris will be cleaned from site before closing the program down for the year.

All Terms and Conditions attached to the aforementioned permit will apply to our operations this year.

We hope to start mobilization of crews and supplies in three weeks (~ May 18, 1998).

Thank you for your attention into this matter. If there are any questions or concerns, please contact the undersigned at (604) 984-7200.

Yours Sincerely,

CANAMERA GEOLOGICAL LTD.
per:


Jason M. Atter
Environmental Manager

UNRECORDED/UNRECORDED-UNRECORDED/UNRECORDED



Kitikmeot Inuit Association
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KIA Lands Division
Box 315
Kugluktuk, NT
X0B 0E0
Tel: 867-982-3310
Fax: 867-982-3311

Cambridge Bay
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May 5, 1998

Coppermine
Kugluktuk
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Nunavut Water Board
P.O. Box 119
Qjos Haven, NT
X0B 1J0

Attn: Philippa de Pizzo, Executive Director

Qjos Haven
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Re: Inuit Owned Land Use Permit 196C104

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I would like to bring to your attention the following KIA Land Use Permit for exploratory drilling. This was a permit issued in October 1996 and is valid until October 1998. Canamora is proposing to set up a small camp and to undertake further drilling work this spring and summer. As we do not have a copy of a water licence for them, I am forwarding you our letter to Canamora indicating their need for a licence.

Pelly Bay
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Please let our office know if Canamora does have a licence for these activities.

Thank you.

Sincerely,

Telooyuk
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Wynet Smith, Lands Manager

Barrow Inlet
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Bay Chino
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Kitikmeot Inuit Association
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KIA Lands Division
Box 315
Kugluktuk, NT
X0B 0E0
Tel: 867-982-3310
Fax: 867-982-3311

Cambridge Bay
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May 5, 1998

Coppermine
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Canamera Geological Ltd.
Suite 650-220 Cambie Street
Vancouver, B.C.
V6B 2M9

Attn: Jason Attew

Qija Haven
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Re: Land Use Permit 196C104

The Kitikmeot Inuit Association has received your update of activities for permit 197C104. After reviewing the file, I have a number of concerns and issues that I would like to address. There are a number of items in the file that I will review in the following points:

Holman
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1) Canamera applied for a permit to undertake exploratory drilling on IOL parcels CO-52 and CO-60 in September 1996. An application fee and \$80 of land use fees were included. A permit for exploratory drilling work was issued in October 1996 that is valid from October 9 1996 until October 11, 1996.

Pelly Bay
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2) A letter dated October 25, 1996 requested that the Permit be amended to include CO-40. This permission was never given. If Canamera has done work on this parcel, please let me know immediately. Any further work on this permit would require a formal amendment to this permit.

Teloysak
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3) In a letter dated June 4, 1997, Canamera indicated that they were going to set up a camp again. This was never permitted under 196C104. In a fax to Jack Kamik dated July 7, 1997, Canamera indicated that camps had actually been set up on parcels CO-60 and CO-29. Access to CO-29 was never issued, however, under this permit. In your letter of April 24, 1998, you indicate that you wish to re-establish a 6-8 Weather Haven exploration camp in CO-52. Due to the fact that the original permit did not include permission to set-up a camp, I cannot at this time allow a camp, unless you apply for an amendment to your permit.

Bethurst Inlet
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4) An annual report, which was due in October 1997, has not been received by KIA Lands. This annual report should indicate exactly what work was done, where, by whom, and the total land use area used. The details should include the co-

Bay Chimo
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Affiliate: Nunavut Tunngavik Inc, Inuit Tapscott of Canada, Kitikmeot Corporation.

ordinates of all drill holes and an original map illustrating the location of all activities.

- 5) Land use fees for 1996-97 should be forwarded to this office with the report. A total of \$80 was paid in September 1996 towards the first year's land use fees. Please ensure that the area used for the "camps" and all drill areas are calculated into the land use area.
- 6) KIA Lands requires original maps indicating the proposed area of work.
- 7) A water licence is required for all camp and drilling activities. Permission to access Inuit Owned Lands does not affect the Permittee's responsibilities for ensuring that they comply with all laws of general application. If Canamara already has a water licence for this work, please forward us a copy.
- 8) We have no copy of the proof of sub-surface rights in our file. Please forward a copy of the claim certificate to our office.

Please ensure that you forward all the required documentation to this office as soon as possible. Thank you.

Sincerely,



Wynet Smith, Lands Manager

c.c. Philippe de Pizzo, Nunavut Water Board

Distribution List for NIRB File #: 98W07N101
Project Name: Mineral Exploration – McGregor Lake Area
Canamera Geological Ltd.

Kitikmeot List

of Pages 23

Contact Name:		Phone #:	Fax #:
Nunavut:			
NTI	Environmental Manager	983-2517	983-2723
KIA	Lands Manager	867-982-3310	867-982-3311
NPC	Executive Director	613-238-1155	613-238-5724
NWB	Executive Director	867-360-6338	613-360-6369
NWMB	Executive Director	867-979-6962	867-979-7785
Kitikmeot HTA	Chairperson	867-983-2442	867-983-2442
Federal:			
DIAND - Nunavut	District Manager	867-979-4405	867-979-6445
DIAND - Kitikmeot	Regional Inspector	867-982-4306	867-982-4307
DFO - Eastern Arctic	Regional Biologist	867-979-6274	867-979-4539
DOE	Mgr. Environmental Protection Branch	867-920-6050	867-873-8185
CCG	Ken Brant	519 383-1862	519-383-1989
Territorial Government:			
RWED	Kelly Robertson	867-920-8069	867-873-0114
RWED - Kit	John Stevenson	867-982-7240	867-982-3701
MACA	Doug Crossley	983-7262	983-2491
Transportation	Kane Tologanek	983-7267	983-2617
PWNHC	Charles Arnold	867-920-8084	867-873-0205
Other:			
BQCMB	Chairperson	613-733-2007	613-733-1304
Communities:			
Kugluktuk:			
Hamlet	SAO	867-982-4471	867-982-3060
Kukluktuk Angoniaktit Association	Chairperson	867-982-5902	867-982-4047
Kitikmeot HTO	Chairperson	867-982-4207	867-982-4047
Kukluktuk			