



Nunavut Water
Board

OCT 17 2003

Public Registry

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EXPLORATION/REMOTE CAMP
SUPPLEMENTARY QUESTIONNAIRE

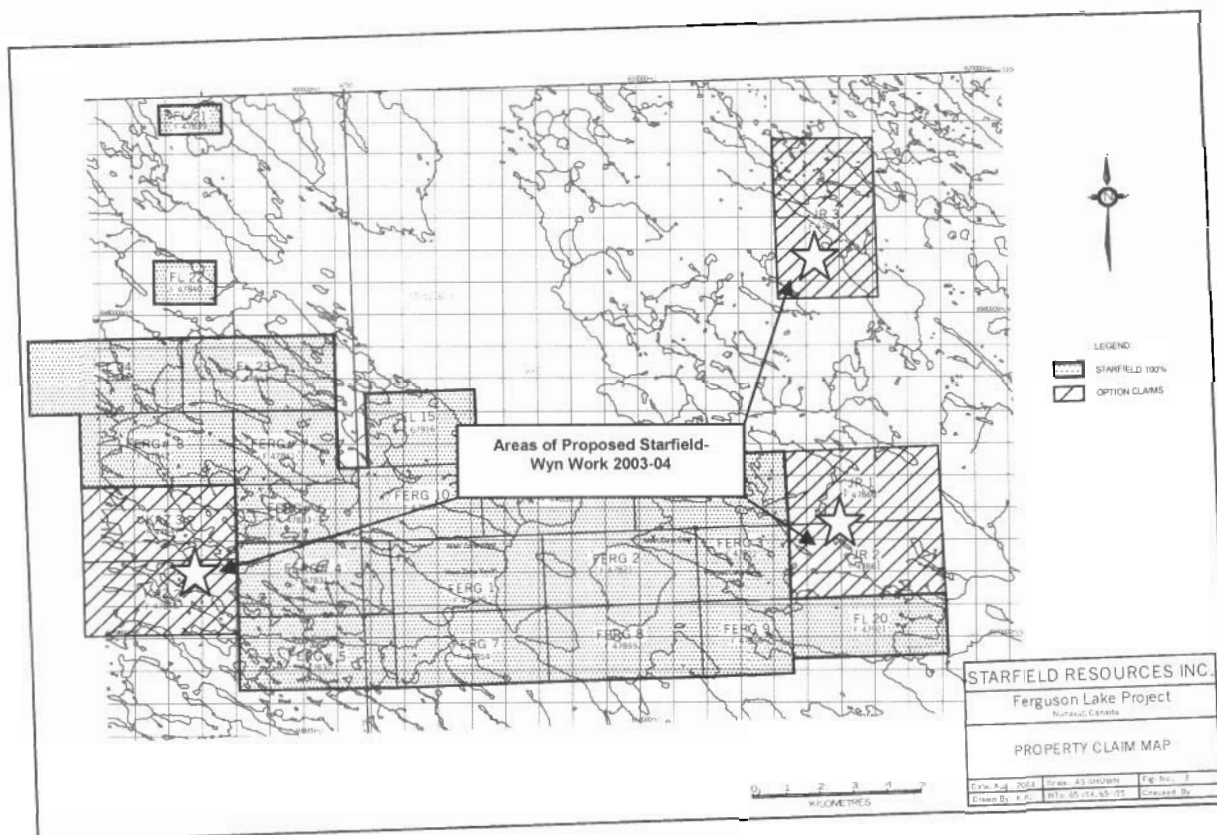
Applicant: Starfield Resources

Licence No: NWB2FER0305

(For NWB Use Only)

ADMINISTRATIVE INFORMATION

1. **Environment Manager: Glen Indra** Tel: 604-608-0400 Fax: 604-608-0344 E-mail: indra@starfieldres.com
2. **Project Manager: John A. Nicholson** Tel: 604-608-0400 Fax: 604-608-0344 E-mail: john_nicholson@telus.net / sfield@skycomip.com
3. Does the applicant hold the necessary property rights? **No. Property is under option from Wyn Developments who has an underlying agreement with Lawrence Barry of Vancouver BC**



4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)? **Yes**
If so, please provide letter of authorization. **Please find attached**

5. Duration of the Project

☐ Annual

☒ Multi Year:

If Multi-Year indicate proposed schedule of on site activities

Start: October 2003 Completion: April 2005

CAMP CLASSIFICATION

6. Type of Camp

☐ Mobile (self-propelled)

☐ Temporary

☐ Seasonally Occupied: _____

☐ Permanent

☒ **Other: Presently leasing Ferguson Lake Fishing Lodge**



7. What are the design population of the camp and the maximum population expected on site at one time? What will be the fluctuations in personnel?

-Ferguson Lake Fishing Lodge has been designed to accommodate up to 30 people. Maximum amount of Starfield Personal on site at any given time would be 15-20 people.

8. Provide history of the site if it has been used in the past.

-1950: Camp brought in from Churchill Manitoba and constructed by INCO.

-1950-1953: Camp used by INCO for Exploration Purposes on the Ferguson Lake Project and surrounding areas.

-1953-1984: Camp remained on care and maintenance by INCO.

-1984-1986: Camp maintained by Eco-Tour group who operated the camp.

-1986: Camp purchased by Keith Sharp and moved from mainland to present site.

-1986-1996: Camp operated as Ferguson Lake Lodge-Fishing Camp.

-1996-1999: Camp remained dormant.

-1999-present: Starfield Resources entered into a lease agreement with Keith Sharp to lease the camp and the facilities for the purposes of exploration on the Ferguson Lake Project.

CAMP LOCATION

9. Please describe proposed camp location in relation to biogeographical and geomorphological features, and water bodies.

**-Camp is located on NTS Map Sheet 65 I/15
Latitude 62-52.64"N Longitude 96-50.72"W
UTM 609340N/6972828E NAD 83**



-Camp is presently located on an island within the confines of Ferguson Lake bound on all sides by water. Camp is located approximately 600-3000 metres from water at an elevation of 175 metres above sea level. Camp is located on good rocky ground with some sandy sections.



10. How was the location of the camp selected? Was the site previously used? Was assistance from the Regional Inuit Association Land Manager sought? Include maps and/or aerial photographs.

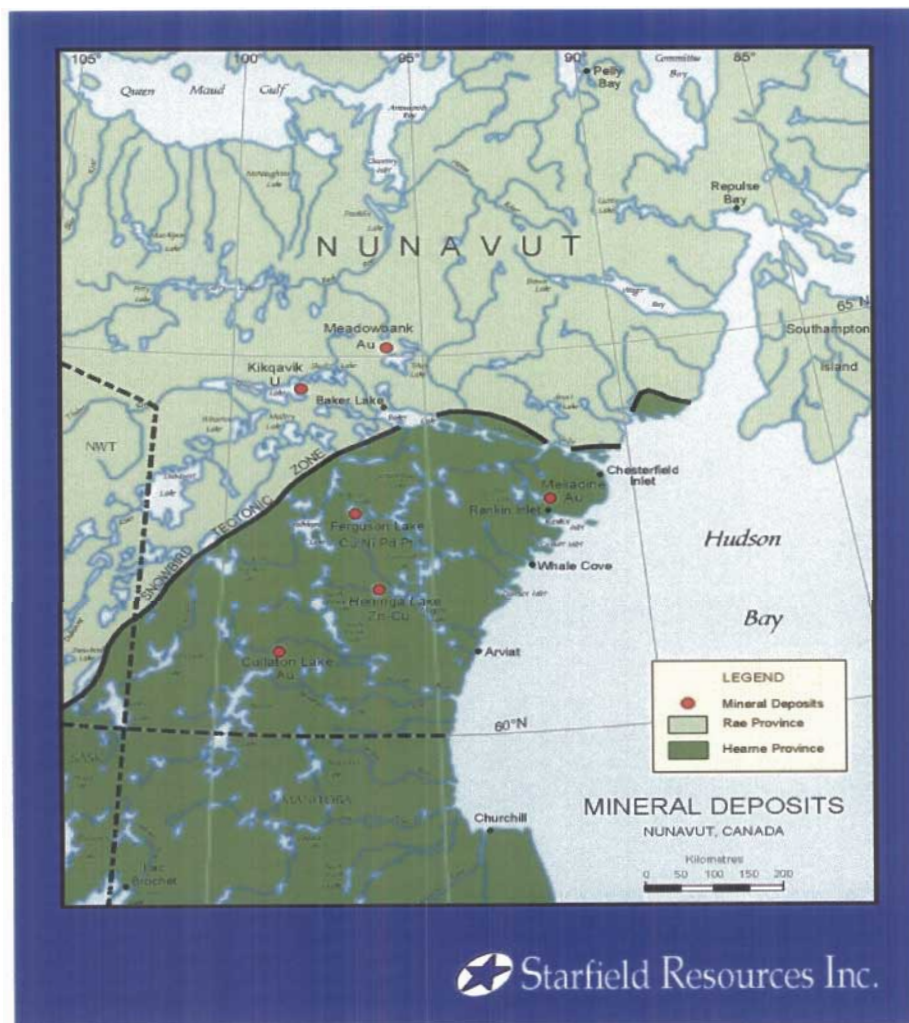
-Not Applicable

11. Is the camp or any aspect of the project located on:
- ☐ Crown Lands Permit Number (s)/Expiry Date: _____
- ☐ Commissioners Lands Permit Number (s)/Expiry Date: _____
- ☐ Inuit Owned Lands Permit Number (s)/Expiry Date: _____

Ferguson Lake Lodge is located on KIA administered land. Lodge is on land under lease number #3372 (personal communiqué Keith Sharp)

12. Closest Communities (distance in km):

-Baker Lake	200 kilometers
-Rankin Inlet	275 kilometers
-Whale Cove	275 kilometers
-Arviat	300 kilometers



13. Has the proponent notified and consulted the nearby communities and potentially interested parties about the proposed work?

-Work in the area has been ongoing since 1999. Discussions with the various KIA authorities have been an on going process.

14. Will the project have impacts on traditional water use areas used by the nearby communities?
Will the project have impacts on local fish and wildlife habitats?

-Project will not have an impact on traditional water use areas as water drainage flows to Hudson Bay. Closet community to outflow is Arviat, located approximately 300 kilometers downstream.

-Project area does not impact on local fish habitats.

-Project area does not impact on local wildlife habitats. Project Area is outside of designated Caribou Calving grounds which are located approximately 40 kilometers to the east of the present day Ferguson Lake Lodge site in the Kaminurak Lake area. During Caribou migration, operations are curtailed.

PURPOSE OF THE CAMP

15. **X Mining**

☐ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.)

(Omit questions # 16 to 21)

☐ Other _____ (Omit questions # 16 to 22)

16. ☐ Preliminary site visit
X Prospecting
X Geological mapping
X Geophysical survey
☐ Diamond drilling
☐ Reverse circulation drilling
☐ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)
☐ Other: _____

17. Type of deposit:

☐ Lead Zinc
☐ Diamond
☐ Gold
☐ Uranium
X Other: Cu, Ni, Co, Pt, Pd,

DRILLING INFORMATION

18. Drilling Activities

☐ Land Based drilling
☐ Drilling on ice

19. Describe what will be done with drill cuttings? N/A

20. Describe what will be done with drill water? N/A
21. List the brand names and constituents of the drill additives to be used? Includes MSDS sheets and provide confirmation that the additives are non-toxic and biodegradable. N/A
22. Will any core testing be done on site? Describe.

No, there will be no core testing on site. All samples collected will be sent off site for analysis.

SPILL CONTINGENCY PLANNING

23. Does the proponent have a spill contingency plan in place? Please include for review.
- At present spill kits are located at fuel sites. In the event of a fuel spill, plans call for the immediate notification of proper authorities at 1-867-920-8130 and the notification of WCB in Rankin Inlet at 1-867-645-5601.**
24. How many spill kits will be on site and where will they be located?
- A total of 2 Spill Kits are on site. Spill kits are presently in place at, fuel supply area on the airstrip (1) and at the Heli-pad (1) in the camp.**
- As well, all fuel barrels used for oil stoves have blue absorbent underlay for any fuel spillage. All fuel tanks and diesel engines have blue absorbent underlay. Camp Generator and fueling station for Four Trax has blue absorbent matting for any fuel spillage.**
25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.

Fuel

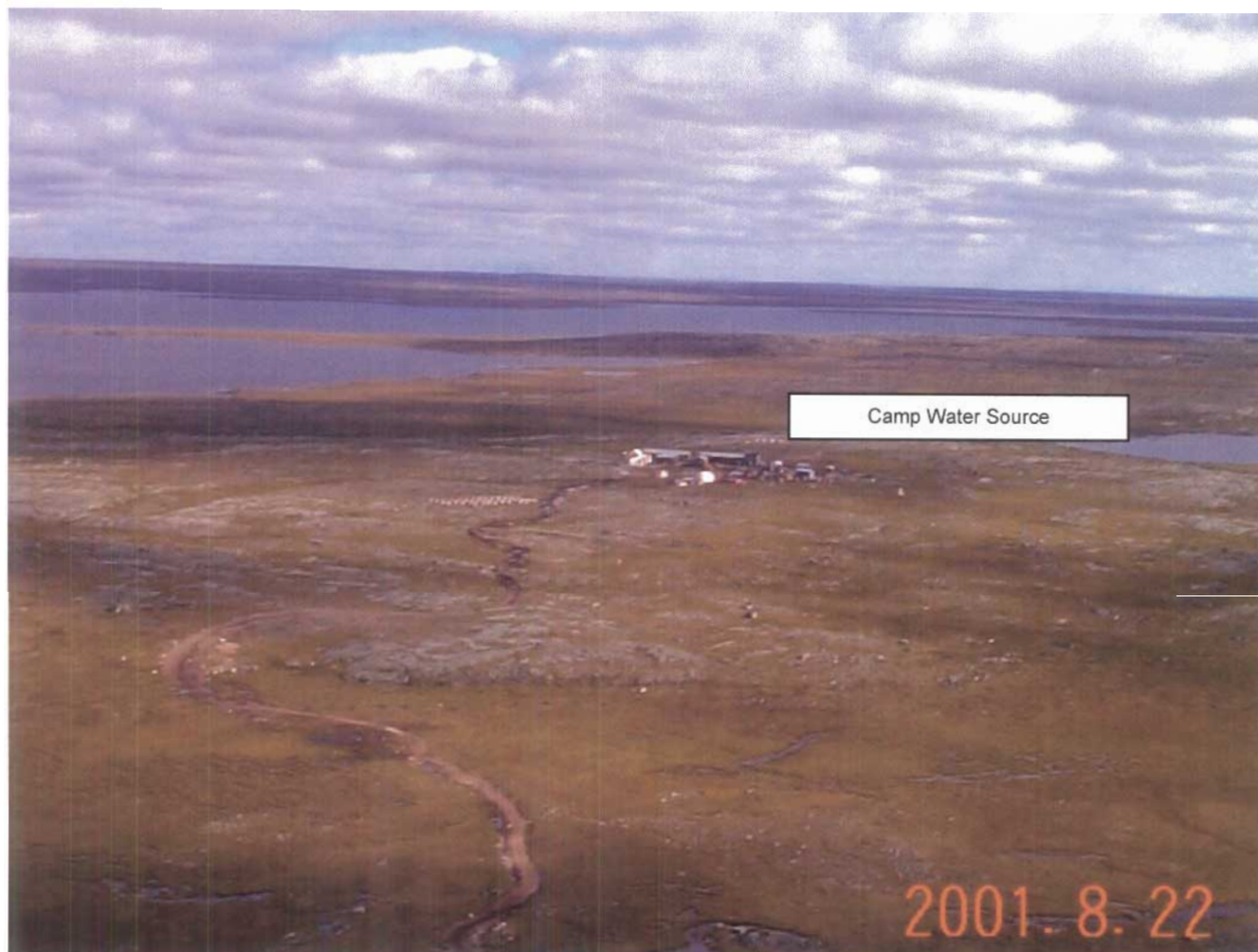
-As per Starfield Resources Permit # NWBFER0305

Chemicals

-As per Starfield Resources Permit # NWBFER0305

WATER SUPPLY AND TREATMENT

26. Describe the location of water sources.
- Water source for camp is approximately 600 metres from camp.**
-



27. Estimated demand (in L/day * person):

☒ **Domestic Use:** 48L/day/person

Water Source: 720L/day

☐ Drilling Units:

Water Source:

☐ Other: _____

Water Source: _____

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? Describe:

-Water intake for camp during summer months utilizes an electrical Submersible Jacuzzi Style Water Pump. During winter months a diesel pump equipped with a coil stove heater, pumps water approximately 600 metres up a 175-metre lift into plastic storage tanks.

All water pumps are equipped with a mesh screen to prevent entrapment of fish.

29. Will drinking water quality be monitored? What parameters will be analyzed and at what frequency?

-No, drinking water will not be monitored. At present all drinking water is bottled water brought in from outside sources.

30. Will drinking water be treated? How?

-Drinking water will not be treated. Water that is used in camp is used for washing and cleaning purposes only.

31. Will water be stored on site?

-Water at present is being stored on site in 9 - 400 gallon plastic water tanks. Water Tanks are FDA approved for potable water use. Tanks are stored in a heated building. Water stored also is used for Fire Suppression should the need arise.

WASTE TREATMENT AND DISPOSAL

32. Describe the characteristics, quantities, and treatment and disposal methods for:

X Camp Sewage (blackwater)

-All camp sewage is presently stored in STORMBURN Wilderness Propane Incinerator Toilet Units. Each unit is capable of holding 20 Liters of raw sewage. Raw sewage is burnt daily in incinerator units. Ash is then bagged and re burnt in garbage incinerator unit. All garbage is then flown out monthly on back hauls to either Baker Lake and or Thompson, Manitoba.

X Camp Greywater

-Grey water consisting of shower water and wash water is piped approximately 30 metres in a heated Grey Water line to an isolated sump area.

X Solid Waste

-All solid waste is burnt daily in STORMBURN Wilderness Propane Incinerator Toilet Units. Ash form units is then collected and re-burnt in Camp Incinerator Unit. Ashes are then collected in barrels and flown out on back haul flights to either Baker Lake and or Thompson Manitoba.

X Bulky Items/Scrap Metal

**-At present there are no Bulky Items
-All scrap metal (tin cans etc) is burnt in incinerator unit. Ashes and burnt cans are then collected and flown out of camp to landfill sites in either Rankin Inlet and or Baker Lake.**

X Waste Oil/Hazardous Waste

-All Waste Oil is burnt in incinerator.

-At present there are no Hazardous Waste products on site.

X Empty Barrels/Fuel Drums

-All Empty Barrels/Fuel Drums are presently re-used for additional fuel storage. Any barrels unfit for re-use are used as garbage barrels and are used to back haul garbage out to landfill sites in either Baker Lake or Thompson.

☐ Other:

33. Please describe incineration system if used on site. What types of wastes will be incinerated?

-Incineration unit that is used on site is of steel fabrication with diesel and or propane being used as the incineratory combustant.

-Waste material that will be incinerated will include but not limited to:

Wood products

Waste oil

Kitchen refuge

General camp refuge

34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?

-All non-combustible material is sent back to Thompson, Manitoba to be disposed of in land fill sites as required

35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for sumps (if applicable).

-Location of Grey water sump is approximately 30 metres from camp. Dimension of natural sump is approximately 12m x 12m. Depth is unknown as it is a natural sump. Sump is located approximately 600 metres and 75 metres vertically from the nearest body of water.

36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?

-At present, no leachate monitoring is being done.

OPERATION AND MAINTENANCE

37. Have the water supply and waste treatment and disposal methods been used and proven in cold climate? What known O&M problems may occur? What contingency plans are in place?

Water Supply has been utilized for the past 3 years in extreme winter conditions. O&M problems that occur are freezing water lines. Solutions to this have been rectified by putting inline heaters in place to “super heat” the water at source and then pumped to holding tanks.

Waste treatment system has also has been utilized for the past 3 years in extreme cold conditions. O&M problems that arise are propane tanks freezing. Solutions to this have been to isolate tanks into a semi-heated ventilated room.

Contingency for water is hauling water on Skidoo and or in water storage tanks in water slop behind tractor.

Contingency for waste treatment consists of Portable Sanitation Stations. Waste is removed once a day and burnt in Garbage Incinerator.

ABANDONMENT AND RESTORATION

38. Provide a detailed description of progressive and final abandonment and restoration activities at the site.

At present, Ferguson Lake Lodge is a leased site. Reclamation of site by Starfield personal consists of trail remediation, burning of old refuse and general upkeep of camp facilities.

Upon termination of lease, any temporary structures built will be removed. Wood products brought in will be burnt and waste will be removed.

All drill sites are cleaned of refuse. All garbage is removed from site and taken back to camp and burnt in Garbage Incinerator.

All barrels for fuel storage will be removed back to Churchill for deposit return.

BASELINE DATA

39. Has or will any baseline information be collected as part of this project? Provide bibliography.

- ☐ Physical Environment (Landscape and Terrain, Air, Water, etc.)
- ☐ Biological Environment (Vegetation, Wildlife, Birds, Fish and Other Aquatic Organisms, etc.)
- ☐ Socio-Economic Environment (Archaeology, Land and Resources Use, Demographics, Social and Culture Patterns, etc.)
- ☐ Other:

REGULATORY INFORMATION

40. Do you have a copy of

- Article 13 - Nunavut Land Claims Agreement
- NWB - Water Licensing in Nunavut - Interim Procedures and Information Guide For Applicants
- NWB - Interim Rules of Practice and Procedure for Public Hearings
- NWTWB - Guidelines for the Discharge of Treated Municipal Wastewater in the NWT
- NWTWB - Guidelines for Contingency Planning
- DFO - Freshwater Intake End of Pipe Fish Screen Guideline
- Fisheries Act - s.35
- RWED - Environment Protection- Spill Contingency Regulations
- Canadian Drinking Water Quality Guidelines
- Public Health Act Camp Sanitation Regulations
- Public Health Act Water Supply Regulations
- Territorial Land Use Act and Regulations

You should consult the above document, guidelines, and legislation for compliance with existing regulatory requirements.

**Property Agreement
Starfield Resources-Wyn Developments**

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or Name

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Wyn makes JV plans in Nunavut with Starfield

2003-07-14 18:16 ET - News Release

Mr. Daniel Kesonen reports

LETTER OF INTENT WITH STARFIELD RESOURCES INC.

Wyn Developments has signed a letter of intent with Starfield Resources to do a 50/50 joint venture on the company's Ferguson Lake, Nunavut, properties (JR1, JR2, JR3, KAZ 2 and JAZ 3 claims).

Starfield will contribute 50 per cent of all expenditures incurred by Wyn (see Stockwatch news on Nov. 21, 2002), during the term of the contract with Hunter Exploration Group, to earn 50-per-cent interest in the property.

The company is pleased to announce a \$150,000 private placement at 10 cents per unit with a one-year purchase warrant to purchase an addition share at 15 cents. The company will be paying a finder's fee subject to TSX Venture Exchange policy.

WARNING: The company relies upon litigation protection for "forward-looking" statements.

Wyn Developments Inc

Symbol	<u>WL</u>
Shares Issued	6,972,142
Close 2003-07-14	C\$ 0.125

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Wyn issues shares and warrants for Nunavut JV

2003-07-25 18:49 ET - News Release

Also News Release (C-SRU) Starfield Resources Inc

Mr. Daniel Kesonen reports

Wyn Developments has issued 275,000 units consisting of 275,000 shares and 275,000 share purchase warrants to Hunter Exploration Group pursuant to exchange acceptance of the Ferguson Lake property option agreement. The property option agreement grants the company the option to earn a 100-per-cent interest in five mineral claims located in the Kivalliq region, Nunavut. To earn its interest, the company must make advanced royalty payments of \$15,000 per year, issue a total of 1.1 million shares and 1.1 million non-transferable share purchase warrants in equal amounts, and expend \$1-million on exploration and development of the property by Dec. 31, 2005. The shares and warrants are issuable in four equal tranches. The share purchase warrants are exercisable at 20 cents in the first year and thereafter at a price equal to the last trading price of the company's shares prior to the issue of the warrants.

The company also issued 42,000 shares at a price of 10 cents a share as a finder's fee to Trout Exploration & Mining Ltd. in connection with the acquisition.

The shares are subject to a four-month hold period pursuant to the provisions of Multilateral Instrument 45-102 and may not be resold or transferred until four months from the date of issuance.

The company and Starfield Resources Inc. recently signed a letter of intent to joint venture on a 50/50 basis the exploration and development of the Ferguson Lake property.

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[Wyn Developments Inc](#)

Symbol

[WL](#)

Shares Issued

6,972,142

Close 2003-07-25

C\$ 0.145

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