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NUNAVUT WATER BOARD
NUNAVUT IMALIRIYIN KATIMAYINGI

**WATER LICENCE
APPLICATION FORM**

Application for: (check one)

☐ New ☐ Amendment ☒ **X** Renewal ☐ Assignment

LICENCE NO:

(for NWB use only) **NWB2FER0305**

**1. NAME AND MAILING ADDRESS
OF**

APPLICANT/LICENSEE

Starfield Resources Inc
420-625 Howe Street
Vancouver, BC
V6C-2T6

Phone: 604-608-0400
Fax: 604-608-0344
e-mail: sfield@skycomip.com
john_nicholson@telus.net

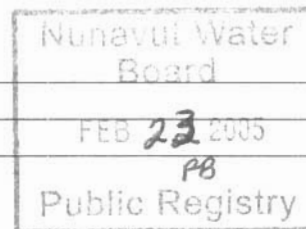
**2. ADDRESS OF CORPORATE
OFFICE IN CANADA (if applicable)**

N/A

Phone: _____

Fax: _____

e-mail: _____



INTERNAL	
PC	<input checked="" type="checkbox"/>
MA	
FO	
LA	
BS	
ST	
TA1	
TA2	
RC	
ED	
CH	
BRD	
EXT.	

3. LOCATION OF UNDERTAKING (describe and attach a topographical map, indicating the main components of the Undertaking)

Area of undertaking will be confined to the western portion of the claim in an area known as the WEST ZONE MAIN or the 119 ZONE Area, and in the eastern portion of the property known as the M-ZONE area (see attached). Work that will be undertaken will be restricted to land based operations approximately 0.5-14 kilometers inland from the lakeshore edge (see attached map).

The area of interest is situated on Map Sheets NTS 065I14/I15, centered at Latitude 62°51'30", Longitude 96°55'00". Area of work will be in area that had been previously worked by INCO during 1950.

4. DESCRIPTION OF UNDERTAKING (attach plans and drawings)

Planned undertaking will be further infill drilling in the area of the WEST ZONE MAIN, 119 ZONE and in the vicinity of the M-ZONE (see attached map)

- (a) Diamond Drilling utilizing skid mounted drills during the winter months. Helicopter assisted drills will be utilized during the spring and summer months.
- (b) Geophysics-Ground and Airborne
- (c) Mapping and Prospecting.

5. TYPE OF UNDERTAKING (A supplementary questionnaire must be submitted with the application for undertakings listed in "**bold**")

<input type="checkbox"/> Industrial	<input type="checkbox"/> Remote/Tourism Camps
<input type="checkbox"/> Mine Development	<input type="checkbox"/> Municipal
<input type="checkbox"/> Advanced Exploration	<input type="checkbox"/> Power
<input checked="" type="checkbox"/> Exploratory Drilling	<input type="checkbox"/> Other (describe) _____

6. WATER USE

<input checked="" type="checkbox"/> To obtain water	<input type="checkbox"/> To divert a watercourse
<input type="checkbox"/> To modify the bed or bank of a watercourse	<input type="checkbox"/> Flood control
<input type="checkbox"/> To alter the flow of , or store, water	<input type="checkbox"/> Other (describe):
<input type="checkbox"/> To cross a watercourse	

7. QUANTITY OF WATER INVOLVED (litres per second, litres per day or cubic metres per year, including both quantity to be used and quality to be returned to source)

Water that is to be used will be used for the purposes of:

- (a) **Drilling**
- (b) **Domestic Use**

Amount of Water that will be used is as follows:

Drilling Units: 0.40-0.50L/sec	Water Sources: 34,560-43,200L/day (24 hrs)
Domestic Units: 48L/day/person	Water Source: 720L/day (24 hrs)

Amount of Water that will be returned to source is as follows:

Drilling Units: Water is pumped up to 2000 meters from source to drill Water used for drilling will not return to original water source. Water is circulated in hole and re-used. Quality of water being returned would be slightly muddied and discolored by drill fines.

Domestic Use: N/A-water for domestic use will not be returned to source. Water will be disposed of into local sump. Water would be classified as Grey Water. Quality of water would not be suitable for consumption.

8. WASTE (for each type of waste describe: composition, quantity, methods of treatment and disposal, etc.)

☒ **Sewage**

-All sewage is burnt daily in STORMBURN INCINERATORY WASTE STATIONS. Quantity of sewage in conjunction with Solid Waste is approximately 40 liters per day. Ash from INCINERATOR WASTE STATION is further burnt in Garbage Incinerator.

X Waste oil

-Quantity of Waste Oil will be approximately 100 liters/week. All waste oil is burned off in incinerator and or used for heating purposes.

X Solid Waste

-All solid waste like the Sewage is burnt daily in a STORMBURN INCERATORY WASTE STATION. All ash from waste stations are then re-burnt in the Garbage Incinerator.

X Grey water

-Grey water consists entirely of wash water, shower water and kitchen water. All grey water is piped via heated grey water line to local sump measuring approximately 12m X 12m in area.

N/A Hazardous Waste

-There are NO HAZORDOUS MATERIALS on site.

X Sludges

-Any and all sludges that are produced on site are bagged and flown offsite with rock samples to Thompson, Manitoba. Sludges consist of Rock Saw cuttings and sludges from drilling. All rock saw cuttings are contained within cattle trough. Fines are bagged weekly and removed from site. Amount of fines varies from 10-30 kg/week. All sludges from drilling are confined to sludge catchers and bagged. Excess sludge is collected in natural sumps and removed at a later time. Sludge containment will vary from 100-200kg/hole.

X Bulky Items/Scrap Metal

-No Bulky Items have been brought on site by Starfield Resources.

-Scrap Metal in the form of drill rods is the responsibility of Major Drilling of Thompson, Manitoba. All scrap rods and or drill related material is shipped out by plane as back hauls to Thompson, Manitoba.

N/A Other (describe)_____

9. PERSONS OR PROPERTIES AFFECTED BY THIS UNDERTAKING (give name, mailing address and location; attach if necessary)

-Property affected by undertaking is within KIA administered land. All work will be occurring within the confines of RI-24 and RI-27. Work is currently covered under KIA Licenses KVL399C150 and KVL103B303 (see attached)

DIAND _____ Yes _____ No _____ If no, date expected _____ N/A _____

Regional Inuit Association
Commissioner

☒ Yes ☐ No If no, date expected N/A
☐ Yes ☐ No If no, date expected N/A

10. PREDICTED ENVIRONMENTAL IMPACTS OF UNDERTAKING AND PROPOSED MITIGATION MEASURES (direct, indirect, cumulative impacts, etc.)

-Impacts have been localized to those areas of drilling only. Area that will and have been affected will are limited to an area measuring approximately 5 meters by 5 meters or approximately 25 square meters per site

-The direct impact has been marginal as the bulk of the drilling that has and will take place, occurs in areas of "kill zones" due to surface oxidation of mineralized zone. Vegetation in these areas is none existent.

-The indirect impact from a visual point of view will and has been marginal and will be limited to those areas of limited scrub. The visual impact has and is restricted to wooden collar pins which have been placed in the various holes for reference purposes only.

-The cumulative impact consists of localized sections of scrub being compressed and a series of wooden 2x4s marking the various drill hole sites.

-The current overall environmental impact to date has been marginal.

-Mitigation of areas affected has resulted in onsite reclamation in the form of picking up left over garbage and or cuttings. Where necessary sites impacted are groomed and remediated immediately.

NIRB Screening ☐ Yes ☐ No If no, date expected _____

11. INUIT WATER RIGHTS

Will the project or activity substantially affect the quality, quantity, or flow of water flowing through Inuit Owned Lands and the rights of Inuit under Article 20 of the Nunavut Land Claims Agreement?

-The project area will not affect the water quality, quantity, flow or water flowing through Inuit Owned Land.

-Water from Ferguson Lake has been used in the past for the purposes of drilling. Simultaneously it has also been used for human consumption. To date no problems have been encountered with human consumption by the various crews and staff who have visited the site over the course of the past 5 years.

If yes, has the applicant entered into an agreement with the Designated Inuit organization to pay compensation for any loss or damage that may be caused by the alteration. If no compensation agreement has been made, how will compensation be determined?

-N/A

12. CONTRACTORS AND SUB-CONTRACTORS (name, address and functions)

-Major Drilling- Diamond Drilling Contractor-35 Station Road, Thompson, Man R8N-0N6
-M & T Enterprises-Expeditior-Freight Forwarder-Box 156 Rankin Inlet, NT X0C-0G0
-Skyward Aviation-Air Transport-Fixed Wing-Thompson, Man R8N-0N6
-Northern Air Support-Air Transport-Helicopter-6285 Kelowna Airport, Kelowna BC V1V-1S1
-Crone Geophysics-Geophysical Contractors-3607 Wolfdale Road, Mississauga Ont L5C-1V8
-1984 Inc-First Aid Attendants-Vancouver BC
-Nicholson & Associates-Geological Contractors-310-675 West Hastings St. Van. BC V6B-1N2

13. STUDIES UNDERTAKEN TO DATE (list and attach copies of studies, reports, research, etc.)

Preliminary Baseline Study-Ferguson Lake Project Area, 1999-Rescan January 2003
2001 Wildlife Baseline Studies-Ferguson Lake, Nunavut-EBA Engineering April 2002

14. THE FOLLOWING DOCUMENTS MUST BE INCLUDED WITH THE APPLICATION FOR THE REGULATORY PROCESS TO BEGIN

Supplementary Questionnaire (where applicable: see section 5) ☒ Yes ☐ No
If no, date expected _____

Inuktitut/English Summary of Project ☒ Yes ☐ No
If no, date expected _____ Inuktitut to follow

Application fee \$30.00 (c/o of Receiver General for Canada) ☒ Yes ☐ No
If no, date expected _____

15. PROPOSED TIME SCHEDULE

☐ Annual (or) ☒ Multi Year

Start Date: March 31st, 2005

Completion Date: December 31st 2005

John A. Nicholson

Project Manager "John A. Nicholson"

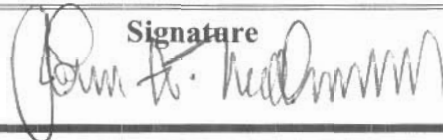
February 17, 2005

Name (Print)

Title (Print)

Signature

Date



For Nunavut Water Board use only

APPLICATION FEE

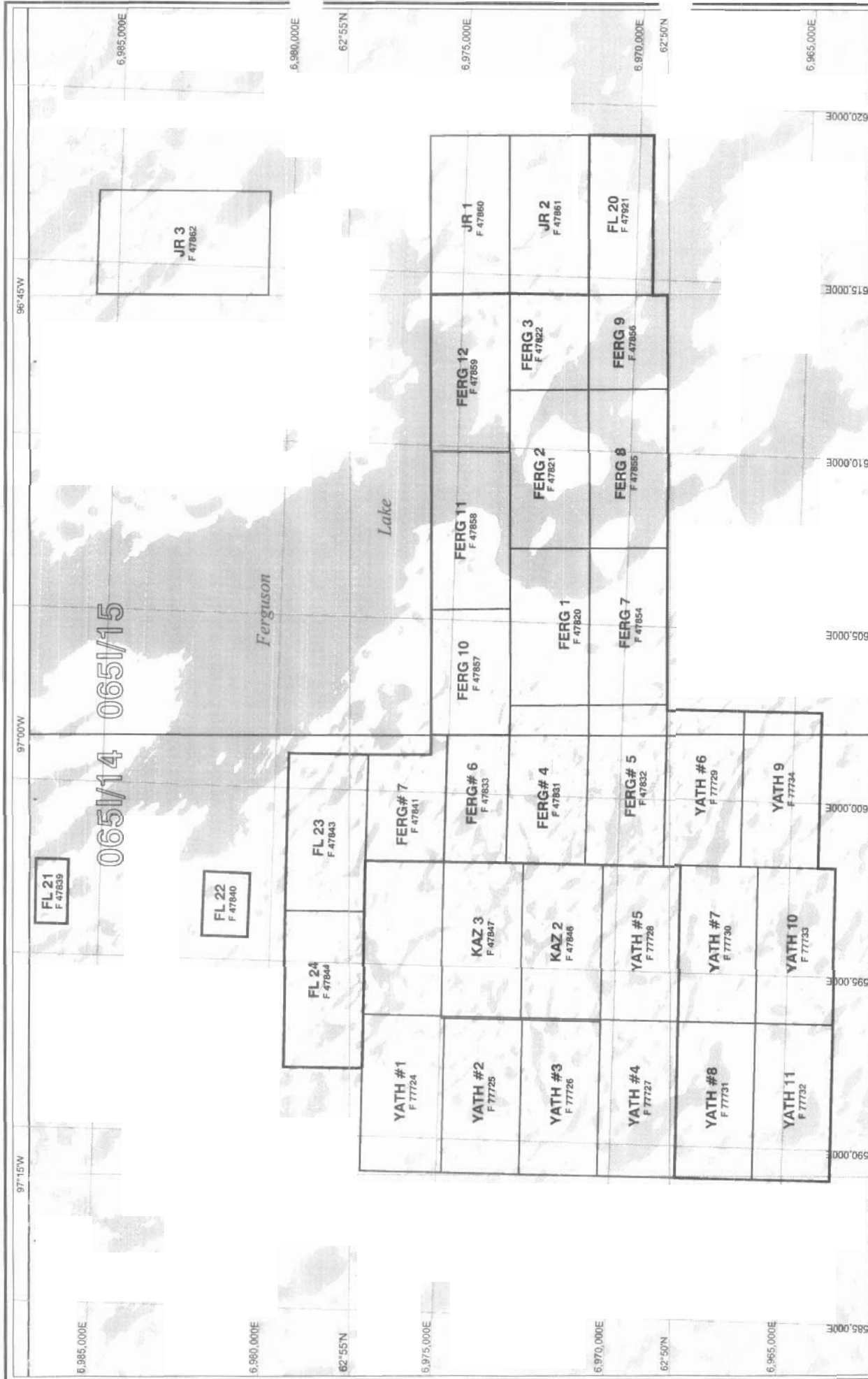
Amount: \$ _____

Receipt No.:

WATER USE DEPOSIT

Amount: \$ _____

Receipt No.:

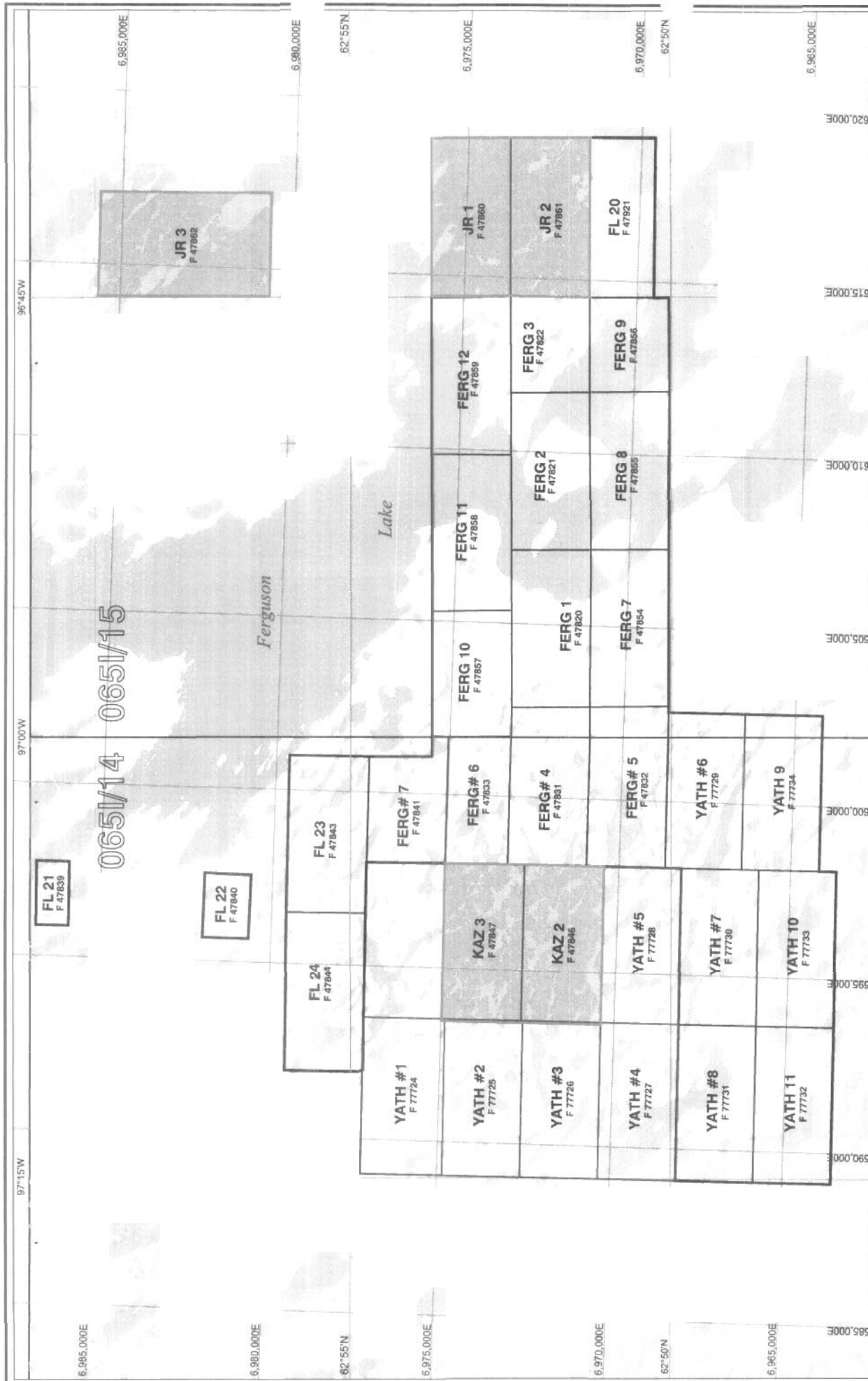


NOTES:
 All claim detail provided by Starfield Resources & fitted to topographic features by visual best-fit.
 NAD83 datum; UTM Zone 14.
 Digital Topography from Center for Topographic Information, Natural Resources Canada www.cti.nrcan.gc.ca

— **Starfield Resources Inc.**
Ferguson Lake Project
MAP 1 -- CLAIM MAP

☐ STARFIELD 100% owned
☐ Optioned or Joint Venture Claims

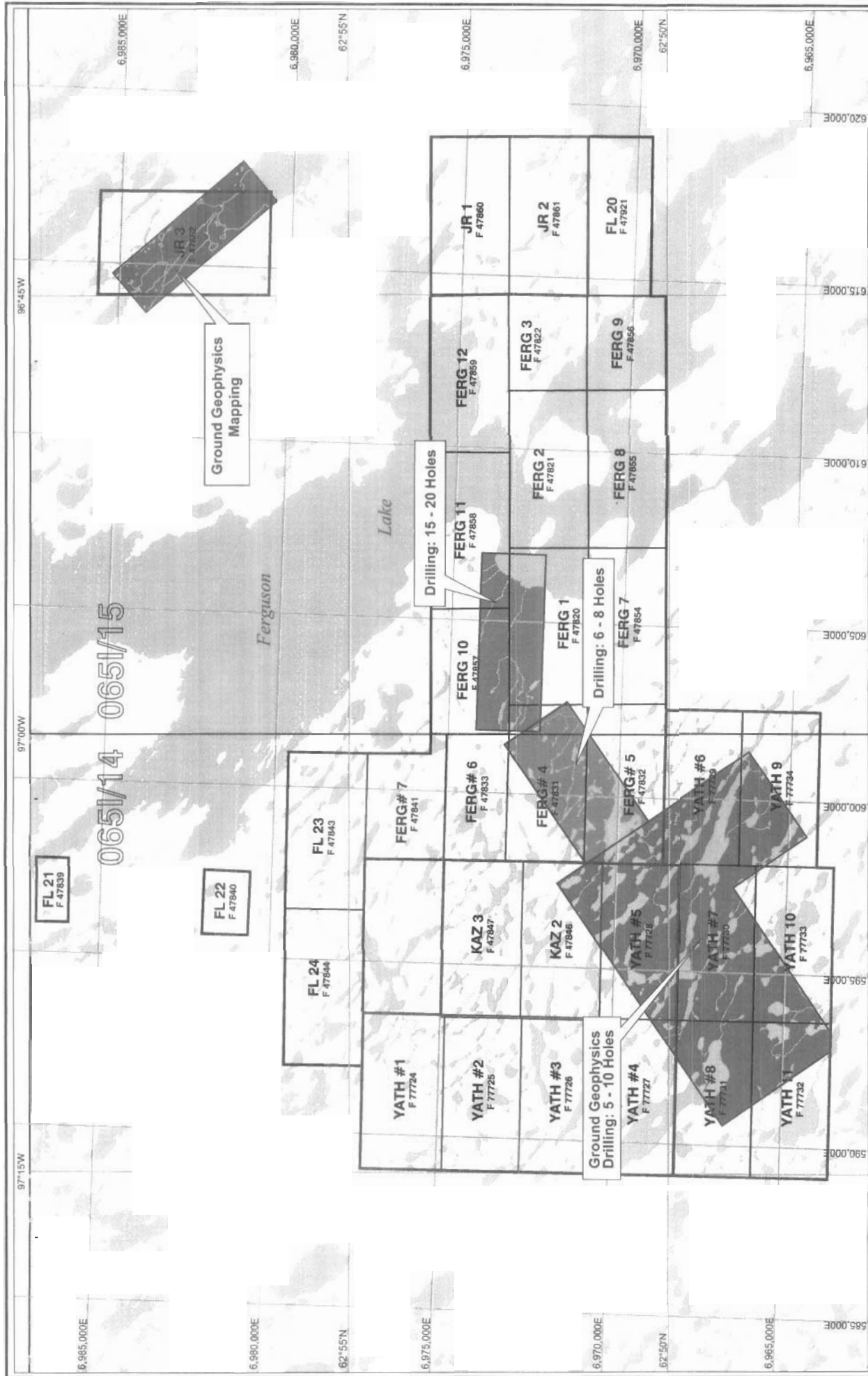
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 Kilometers
 Scale 1 : 150,000



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 NAD83 datum, UTM Zone 14.
 Digital Topography from Center for Topographic Information, Natural Resources Canada www.cits.nrcan.gc.ca

Starfield Resources Inc.
Ferguson Lake Project
MAP 2 -- OPTIONED CLAIMS





NOTES:
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 NAD83 datum; UTM Zone 14.
 Digital Topography from Center for Topographic Information, Natural Resources Canada www.clti.nrcan.gc.ca

— **Starfield Resources Inc.**
Ferguson Lake Project
MAP 3 -- 2005 PROPOSAL

■ PROPOSED Ground Work / Drilling
 □ PROPOSED Mapping / Prospecting

