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NUNAVUT WATER BOARD  
NUNAVUT IMALIRIYIN KATIMAYINGI  
OFFICE DES EAUX DU NUNAVUT

## EXPLORATION/ REMOTE CAMP SUPPLEMENTARY QUESTIONNAIRE

**Applicant: WPC RESOURCES INCORPORATED**

**Licence No: 2BE-HRP-----**

(For NWB Use Only)

### ADMINISTRATIVE INFORMATION

1. Environment Manager:  
Bruce Goad, P. Geo Tel: 604-533-2255 Fax: N/A  
E-mail: InukshukExploration@Shaw.ca
2. Project Manager:  
Bruce Goad, P. Geo Tel: 604-533-2255 Fax: N/A  
E-mail: InukshukExploration@Shaw.ca
3. Does the applicant hold the necessary property rights?  
The property rights to the IOL are held 100% by Inukshuk Exploration Incorporated through an MEA with NTI (HOODRIVER-001). WPC Resources has agreed to purchase 100% interest of Inukshuk. An application for a Land Use Permit was not submitted to AANDC for work on federal land as this is not required; the property is 100% within IOL CO-20. Applications have also been submitted to KIA, NWB, which will trigger a NIRB screening. NIRB has been copied with all the required application documents.
4. Is the applicant an 'operator' for another company (i.e., the holder of the property rights)? If so, please provide letter of authorization.  
WPC Resources Incorporated will be the operator.
5. Duration of the Project  
☐ One year or less Start and completion dates: \_\_\_\_\_  
☒ Multi Year (Seasonal: 2014 to 2019).

If Multi-Year indicate proposed schedule of on site activities

Start: July 2014 Completion: December 2019

The 2014 program will be limited to a short (maximum 30 day) site visit by an independent geologist for the sole purpose of preparing a NI43-101 report. A full seasonal base camp will not be required as all personnel will be based at the adjacent and fully permitted Ulu Camp.

## CAMP CLASSIFICATION

### 6. Type of Camp

- ☐ Mobile (self-propelled)
- ☒ Temporary
- ☒ Seasonally Occupied: July 20 to September 30, of 2014, April to October 30 of 2015, 2016, 2017, 2018 and 2019 with progression of the exploration program dependent upon positive results.
- ☐ Permanent
- ☐ Other: \_\_\_\_\_

### 7. What is the design, maximum and expected average population of the camp?

**No camp will be established within HOODRIVER-001 MEA property.** The company will be using the adjacent Ulu Minsite Camp operated by Elgin Mining. This camp is a 60 man Weatherhaven camp. WPC will accommodate up to a maximum of 25 people when drilling is underway, geophysical contractors are on site and all work crews active. Generally the number of people onsite will be in the 12 to 15 range.

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

Echo Bay Mines Ltd. purchased the Ulu site lease from BHP in 1995 with plans to develop the property into a satellite mine for additional mill feed to the Lupin mill. An underground development, diamond drilling and bulk sample program was initiated in 1996 to provide infill geological information. Wolfden Resources Inc. subsequently purchased the Ulu Project from Kinross Gold Corporation in February 2004, with Zinifex purchasing Wolfden in 2007. which subsequently merged with Oxiana Ltd. to become Oz Minerals, which was acquired by MMG Resources Ltd. in 2009. Bonito Capital Corporation a wholly owned subsidiary of Elgin Mining, acquired the property in July 2011. WPC acquired an option on the property from Elgin in 2014.

The Ulu Project is situated in Nunavut, with the underground exploration site at 100 ° 58' W longitude and 66° 54' N latitude. The site is located in the treeless arctic tundra where rock and glacial features dominate the landscape. Located about 12 km north of the Hood River and 150 km north of the Lupin Mine, the site is accessible year round only by aircraft. Bulk items are brought in by aircraft. The area is characterized by severe winter climate and mild summers with an overall temperature range of -50E to +30E Celsius. Permafrost in this area typically extends to several hundred metres.

## CAMP LOCATION

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

The facilities at the Ulu Project consist of consist of a 60 man "Weatherhaven" camp with sleeping, dining and recreation quarters, a vehicle repair shop, power house, warehouse, cold storage, office and change rooms. Also at the site are a fuel storage tank farm, fresh water and sewage systems, garbage incinerator and an ore storage area. The main fuel staging area and explosives magazines (will not be utilized by WPC) are located approximately 12 km away south of camp off the former winter road. The camp is serviced by a 1200m long gravel airstrip.

The camp is on a ridge 12 km north above the Hood River, (100° 58' W longitude and 66° 54' N latitude). Water for the camp is drawn from West Lake and returned to East Lake.

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.

The Ulu Camp was selected to house personnel working on the WPC exploration program within the HOODRIVER-001 MEA Property due to its adjacent location to the property, its immediately availability and the fact that it is currently fully permitted. Use of this camp by WPC saves WPC the expense of establishing a base camp on the HOODRIVER-001 MEA Property.

Selection of the Ulu Site was based primarily on being adjacent to the Ulu deposit. A number of others factors also influenced the site selection including: previous use of the site and evaluation of appropriateness for a camp (esker for landing, water supply, minimal potential for wildlife interaction), proximity to the work site, etc.

11. Is the camp or any aspect of the project located on:

- |                                     |                     |                                      |
|-------------------------------------|---------------------|--------------------------------------|
| <input type="checkbox"/>            | Crown Lands         | Permit Number (s)/Expiry Date: _____ |
| <input type="checkbox"/>            | Commissioners Lands | Permit Number (s)/Expiry Date: _____ |
| <input checked="" type="checkbox"/> | Inuit Owned Lands   | Permit Number (s)/Expiry Date: _____ |

KIA Access Renewal Permit currently being renewed by Elgin Mining.

12. Closest Communities (direction and distance in km):

The Ulu Camp will be located adjacent to the Hood River exploration site, approximately 210 km southeast of the hamlet of Kugluktuk (Coppermine) and 125 km west of the hamlet of Bathurst Inlet. Yellowknife is located approximately 525 km to the southwest of the HoodRiver-001 MEA Concession.

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

No letters of notification were sent to the Mayor and Hamlet offices of the above noted communities as the company believes that they will not be affected by the proposed exploration program. A non-technical summary of the proposed work has been produced, translated into both Inuktitut and Inuinnaqtun and submitted for distribution. WPC Resources would welcome the opportunity to provide a more detailed presentation discussing their proposed project if requested to do so. Permission to backhaul un-burnable garbage to the Yellowknife dump/recycling facilities has been requested and received.

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?

There are no expected impacts on traditional water use, local fish or wildlife as a result of this program. All potential impacts are mitigable: see the NIRB Table 1 filed with original application.

## PURPOSE OF THE CAMP

15. ☒ Mining (includes exploration drilling)  
☐ Tourism (hunting, fishing, wildlife observation, adventure/expedition, etc.)  
(Omit questions # 16 to 21)  
☐ Other \_\_\_\_\_
16. Activities (check all applicable)
- ☒ Preliminary site visit  
☒ Prospecting  
☒ Geological mapping  
☒ Geophysical survey  
☒ Diamond drilling  
☐ Reverse circulation drilling  
☐ Evaluation Drilling/Bulk Sampling (also complete separate questionnaire)  
☐ Other: \_\_\_\_\_
17. Type of deposit (exploration focus):
- ☐ Lead Zinc  
☒ Diamond  
☒ Gold  
☐ Uranium  
☐ Other: \_\_\_\_\_

## DRILLING INFORMATION

18. Drilling Activities
- ☒ Land Based drilling  
☒ Drilling on ice (potentially in the future; no current plans).
19. Describe what will be done with drill cuttings?  
Drill cuttings and water will be pumped to a sump (natural depression or temporary dyke) to trap cuttings allowing the water to infiltrate back into the ground. At the end of any drill program, all sumps shall be backfilled with native surficial material upon completion of drilling and contoured to match the existing landscape. Cuttings on ice (Lake) based drill holes will be properly contained and disposed.
20. Describe what will be done with drill water?  
SEE number 19 above.

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.

The exact type of Chemicals and Hazardous Materials that will be onsite is not known at this time. WPC RESOURCES INCORPORATED will ensure that they and the drilling contractor maximize the use of non-toxic and biodegradable additives and environmentally “friendly” cleaning products. The Spill Contingency Plan attached to the original application will be updated with appropriate MSDS sheets once the drilling additives and cleaning products have been determined. However, until confirmed, it could be assumed that the following materials may potentially be present; stored in their original container in the storage facility or when in use, at the drill site:

Item:	Use:
• tube grease - Beacon 2, Beacon 3, threokote 706, Z-50 pipe dope	Drilling Lubricant
• calcium chloride flake	Drilling anti freeze
• circulation polymer – G-stop	Drilling additive
• antifreeze – Esso HD antifreeze	Anti freeze
• rod grease – Big Bear diamond drill rod grease	Drilling Lubricant
• drill fluid additive – 550X polymer	Drilling additive
• motor oil – super plus SAE 10W30 and 15W-40	Drilling Lubricant
• hydraulic oil – Harmony AW 22, 32, 46, 68	Hydraulic systems
• Household chemicals Javex, soaps, detergents, degreasers	Cleaner
• Insect repellent	Repellent
• Lead batteries at generator, drill.	Starting Power

The required amounts of these materials have yet to be decided. They will be stored in their original box/container in the drilling supply or camp supply shack when not in use.

22. Will any core testing be done on site? Describe.

Core samples collected during the drill program will be flown by helicopter to camp where it will be geologically logged. Core intervals of interest identified by the geologist will be split, bagged and placed in pails and shipped to an approved analytical lab for analysis. Core splitting will be conducted manually and with a core saw. Cuttings will be routed through a sump. All core will be stored on the site.

## SPILL CONTINGENCY PLANNING

23. The proponent is required to have a site specific Spill Contingency Plan prepared and submitted with the application This Plan should be prepared in accordance with the *NWT Environmental Protection Act, Spill Contingency Planning and Reporting Regulations, July 22, 1998* and *A Guide to the Spill Contingency Planning and Reporting Regulations, June 2002*. Please include for review.

A comprehensive Fuel Spill Contingency Plan is attached to the original 2014 application.

24. How many spill kits will be on site and where will they be located?

When the camp is operational, minimally, spill kits will be located at the camp (1), at the fuel and material storage at the airstrip (1), with the drill (1) and at all refueling stations (1).

25. Please describe the types, quantities, and method of storage of fuel and chemicals on site, and provide MSDS sheets.

Fuel required during the program will be moved onsite via aircraft. All fuel (except propane) will be stored in 205 litre (45 gallon) drums. Propane will be stored in regulation 100 pound cylinders. All fuel drums, bungs and seals will be in good condition to prevent leakage. The fuel drums will be stored within a temporary berm that is capable of holding 110% of the volume of the fuel stored within. Where fuel is not within the berm, the tanks will be stored on their side, positioned so that a line drawn between the two bung openings is horizontal. It is estimated that the following quantities of fuel will be required:

Product	Amount	Container	Use
Diesel (P50)	200 drums	45 gallon containers	Drill and heat, power
Jet B fuel	230 drums	45 gallon containers	Helicopter fuel
Propane	20 bottles	100 lb tanks	cooking and hot water
Gasoline	2 drums	45 gallon containers	rock saw, pumps.

Total propane stored onsite at the base camp will be approximately 5-7 canisters (100 lb) that will be re-supplied as required during food re-supply flights. It is estimated that 20 bottles will be required in total during one field season. In addition, not all diesel and Jet B fuel will be stored on site at one time. It is likely that the fuel supply will be replenished on an “as required” basis. All fuel containers will be properly labeled and sealed with WPC RESOURCES INCORPORATED name, fuel product type, and year purchased or filled.

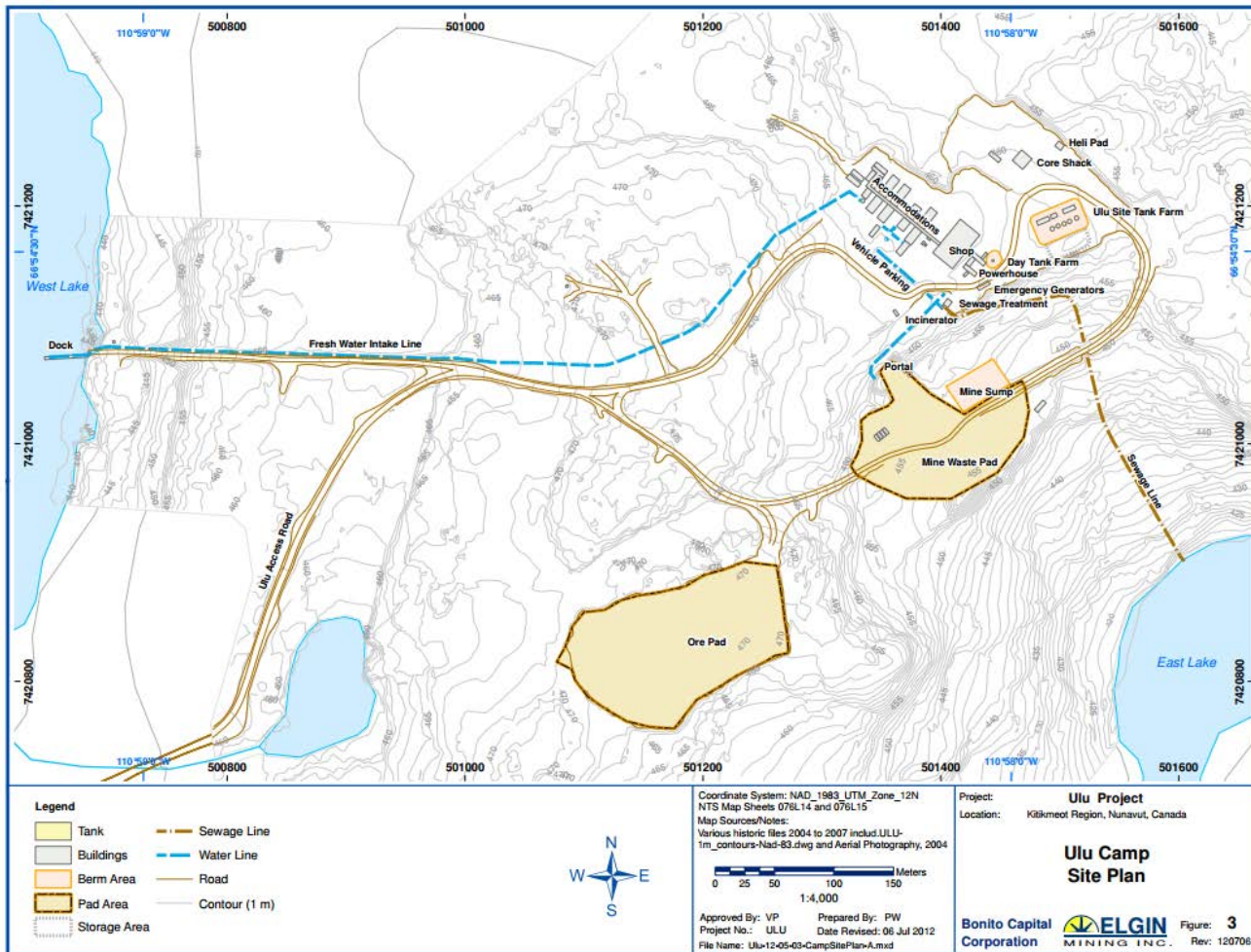
MSDS sheets have been attached to the Spill Contingency Plan filed with the original WPC 2014 (digital) application.

## **WATER SUPPLY AND TREATMENT**

26. Describe the location of water sources.

When the camp is in use, water for the camp will be obtained from West Lake adjacent to the camp. Water or drilling will be provided from smaller lakes within the HoodRiver-001 MEA, adjacent to any proposed drill site.





27. Estimated water use (in cubic metres/day):

Water required for the camp will be drawn under the Elgin permit currently in place for the Ulu Camp. Water for the proposed drill program will be drawn from within HOODRIVER-001 under the WPC Resources water licence (under application).

- ✓ Domestic Use: 2000 L/day for generally <25 people Water Source: (West Lake)
- ✓ Drilling Units: 45,800 L/day (Estimate) Water Source: Lakes adjacent to drill sites.  
(Potential Water Sources are indicated on Figures 1, 2 and 3.)

☐ Other: \_\_\_\_\_ Water Source: \_\_\_\_\_

28. Describe water intake for camp operations? Is the water intake equipped with a mesh screen to prevent entrapment of fish? (see DFO 1995, *Freshwater Intake End-of-Pipe Fish Screen Guideline*) Describe:

When the camp is in use, water intake will be via a land based pump and the intake will include a mesh screen to prevent entrainment of fish. Screening will meet the DFO end-of-pipe fish screen guidelines.

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

Analysis for bacteriological parameters (total and fecal coliform) in treated potable water will be conducted once each month. Samples will be sent to Taiga laboratories in Yellowknife for analysis. If required, analysis for turbidity, colour, odour, total dissolved solids, nitrate, sulfate, chloride, fluoride, cyanide and total metals will be conducted at the beginning of the camp inhabitation.

30. Will drinking water be treated? How?

Potable water will be drawn through a sediment filter. A UV treatment will also be used. Any other treatment required will be conducted as per instructions from the laboratory.

31. Will water be stored on site?

A holding tank will store treated potable water for domestic use.

## WASTE TREATMENT AND DISPOSAL

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

✓ Camp Sewage (blackwater)

The sewage system is operational at the Ulu Camp and consists of a modular Rotating Biological Contactor with effluent discharge to the East Lake basin.

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✓ Camp Greywater

Grey water will be discharged into the sewage system which is operational at the main Ulu Base Camp consists of a modular Rotating Biological Contactor with effluent discharge to the East Lake basin. Any other grey water will be discharged into a sump in pervious material a minimum of 30 metres from edge of any body of water. Maximum daily usage is not expected to exceed 35m<sup>3</sup>/day

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✓ Solid Waste

These items will be incinerated in an approved incinerator.

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✓ Bulky Items/Scrap Metal

These items will be removed from site and disposed of at an approved site in Yellowknife. Permission to dump has been received from the City of Yellowknife.

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✓ Waste Oil/Hazardous Waste

Small amounts of waste fuel may be incinerated when used as incineration fuel. All large quantities of waste oil and all hazardous waste will be removed from site and disposed of at an approved site in Yellowknife.

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✓ Empty Barrels/Fuel Drums

Empty barrels will be removed from site back to Yellowknife for cleaning and re-use.

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✓ Other:



Any contaminated snow/soil will be collected in empty drums and shipped to Yellowknife for disposal. All absorbent matting used to absorb any hydrocarbons will also be placed in drums and shipped to Yellowknife for disposal.

33. Please describe incineration system if used on site. What types of wastes will be incinerated?  
Burnable waste including camp waste (kitchen, paper, packaging, small wood and sewage) will be incinerated. This will be in an approved dual barrel incinerator (CSA environmentally-rated incinerator).
34. Where and how will non-combustible waste be disposed of? If in a municipality in Nunavut, has authorization been granted?  
All non combustible waste material generated by the camp will be backhauled to Yellowknife. The city was contacted by Inukshuk requesting permission to utilize the city's facilities. Permission to dump/recycle through 2018 has been received.
35. Describe location (relative to water bodies and camp facilities) dimensions and volume, and freeboard for all sumps (if applicable).  
All grey water sumps will be located a minimum of 30 metres from the edge of all water sources within pervious material (esker). The sump freeboard will be a minimum of 30 cm and dimensions 3 m by 3 m by 1.5 m deep.
36. Will leachate monitoring be done? What parameters will be sampled and analyzed, and at what frequency?  
No, there will be no leachate generated.

## 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?  
The methods proposed have been extensively and successfully used over a number of years in NWT and Nunavut. They are standard to diamond drill exploration and the camps that support it. The camp operator will be trained to operate and repair temporary camp buildings (tents), power, water supply, waste management and communications systems. Water lines used for water supply and grey water will be insulated to prevent freezing if utilized during freezing months and back-up plans in place. The grey water sump will be monitored for capacity and expanded or a new one excavated if there is a problem.
- Backup materials including water supply pump and camp generator will be on site. A minimum of 100 litres of acceptable drinking water should be stored at the site in case of a problem with the water supply. Emergency supply of materials can be provided by the expeditor and Tindi Aviation.

## ABANDONMENT AND RESTORATION

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

At the end of the season, the Ulu Camp site will be secured and all waste incinerated / removed. At the end of exploration, all WPC materials will be removed from site (for re-use or appropriate disposal) and the camp will return to Elgin's current Care and maintenance status. All disturbed areas (including grey water sump) will be cleaned, covered and graded. A comprehensive Abandonment Plan is attached to the original WPC Resources 2014 application.

## BASELINE DATA

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

No baseline data has been collected yet on behalf of WPC Resources.

- ☐ 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: \_\_\_\_\_

Aspects of the physical and biological environment will be documented as a portion of the surface mapping and prospecting exercises carried out as part of the program. Wildlife sightings and movements will be documented by ground crews and pilots.

Any archaeological sites encountered will not be disturbed. If any sites are found during operations, work in that vicinity will stop, a 50 metre buffer around the area will be established. The site will be photographed and GPS coordinates will be recorded. This information will then be reported to Dr. Sylvie LeBlanc, Territorial Archaeologist, at the Department of Culture, and Heritage (SLeBlanc1@GOV.NU.CA). Inukshuk has already contacted the Department of Culture and Heritage in Igloolik regarding documented sites in the area. One site is known to exist (mfNu-1).

## REGULATORY INFORMATION

40. At a minimum, you should ensure you have a copy of and consult the documents below for compliance with existing regulatory requirements:

- ✓ ARTICLE 13 – NCLA -Nunavut Land Claims Agreement
- ✓ NWNSRTA – The Nunavut Waters and Nunavut Surface Rights Tribunal Act, 2002
- ✓ Northwest Territories Waters Regulations, 1993
- ✓ NWB - Water Licensing in Nunavut - Interim Procedures and Information Guide for Applicants
- ✓ NWB - Interim Rules of Practice and Procedure for Public Hearings
- ✓ RWED – Environmental Protection Act, R-068-93- Spill Contingency Planning and Reporting Regulations, 1993
- ✓ RWED A Guide to the Spill Contingency Planning and Reporting Regulations, 2002
- ✓ NWTWB - Guidelines for Contingency Planning
- ✓ Canadian Environmental Protection Act, 1999 (CEPA)
- ✓ Fisheries Act, RS 1985 - s.34, 35, 36 and 37
- ✓ DFO - Freshwater Intake End of Pipe Fish Screen Guideline

- ✓ NWTWB - Guidelines for the Discharge of Treated Municipal Wastewater in the NWT
- ✓ Canadian Council for Ministers of the Environment (CCME); Canadian Drinking Water Quality Guidelines, 1987
- ✓ Public Health Act - Camp Sanitation Regulations
- ✓ Public Health Act - Water Supply Regulations
- ✓ *Territorial Lands Act* and *Territorial Land Use Regulations*; Updated 2000

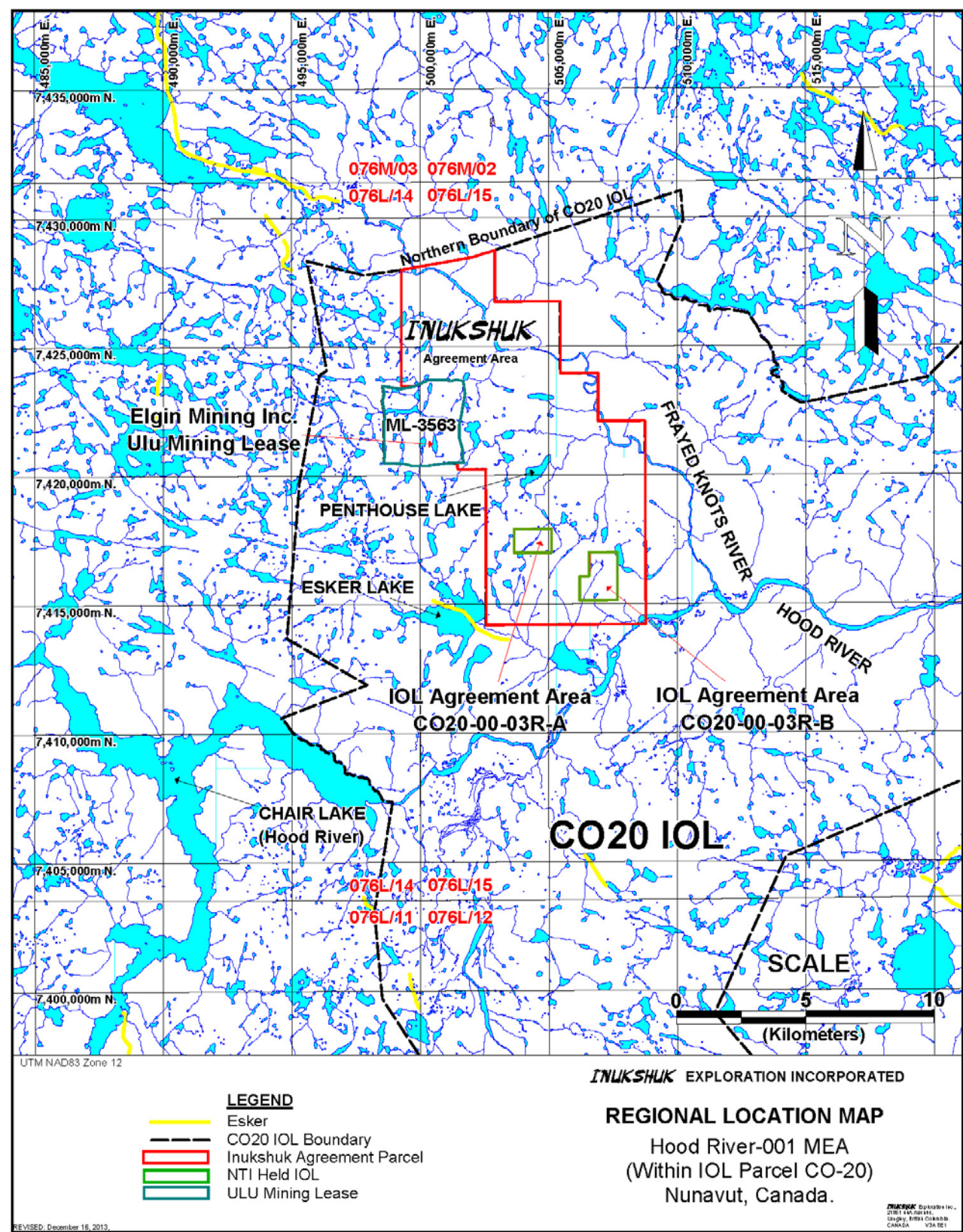
**Respectfully submitted on behalf of WPC Resources Incorporated**

By:

Bruce Goad, P. Geo.,  
Inukshuk Exploration Inc.

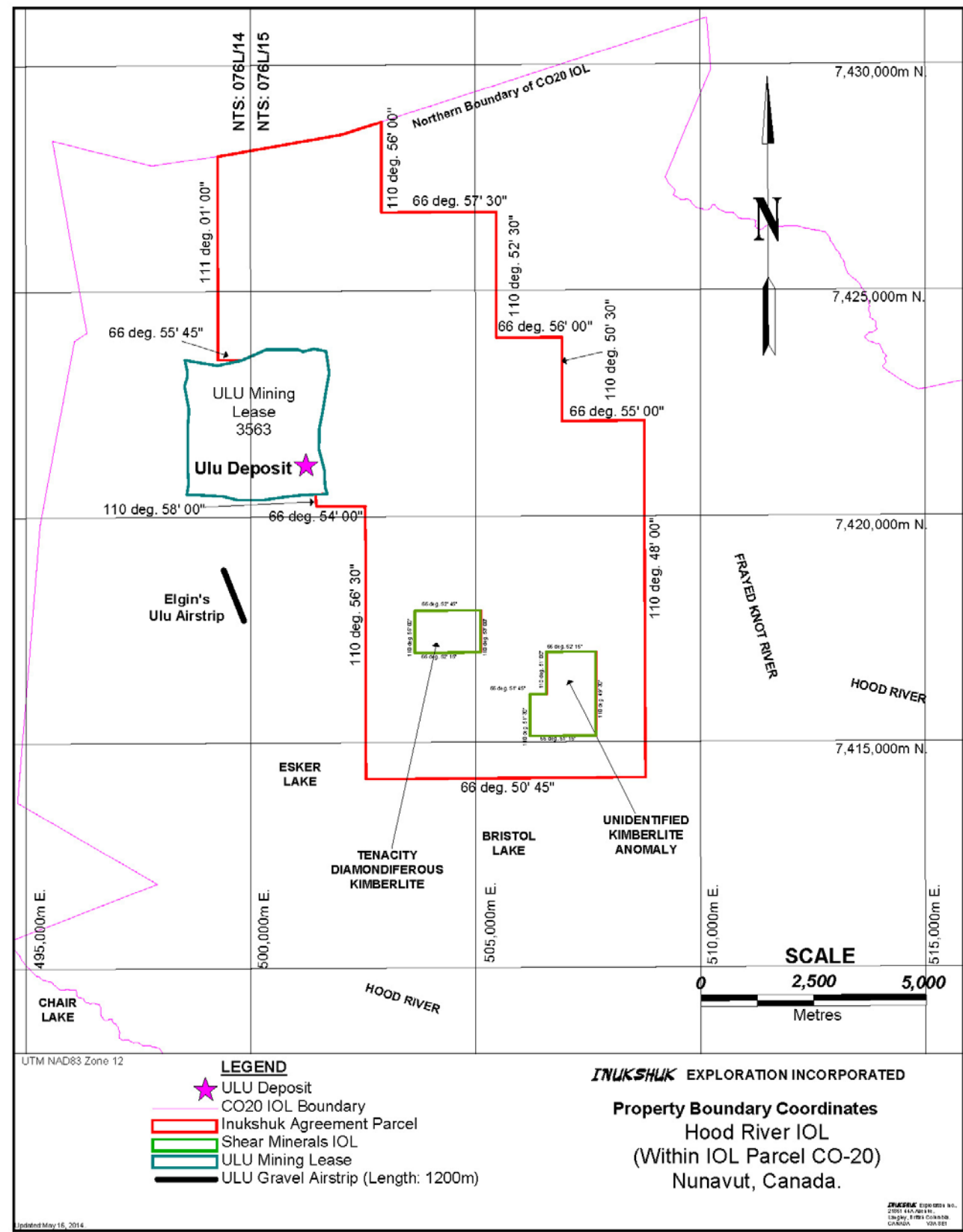
E-mail: [InukshukExploration@Shaw.ca](mailto:InukshukExploration@Shaw.ca)

FIGURE 1.



Location of the HOODRIVER-001 MEA within the CO-20 IOL, Nunavut

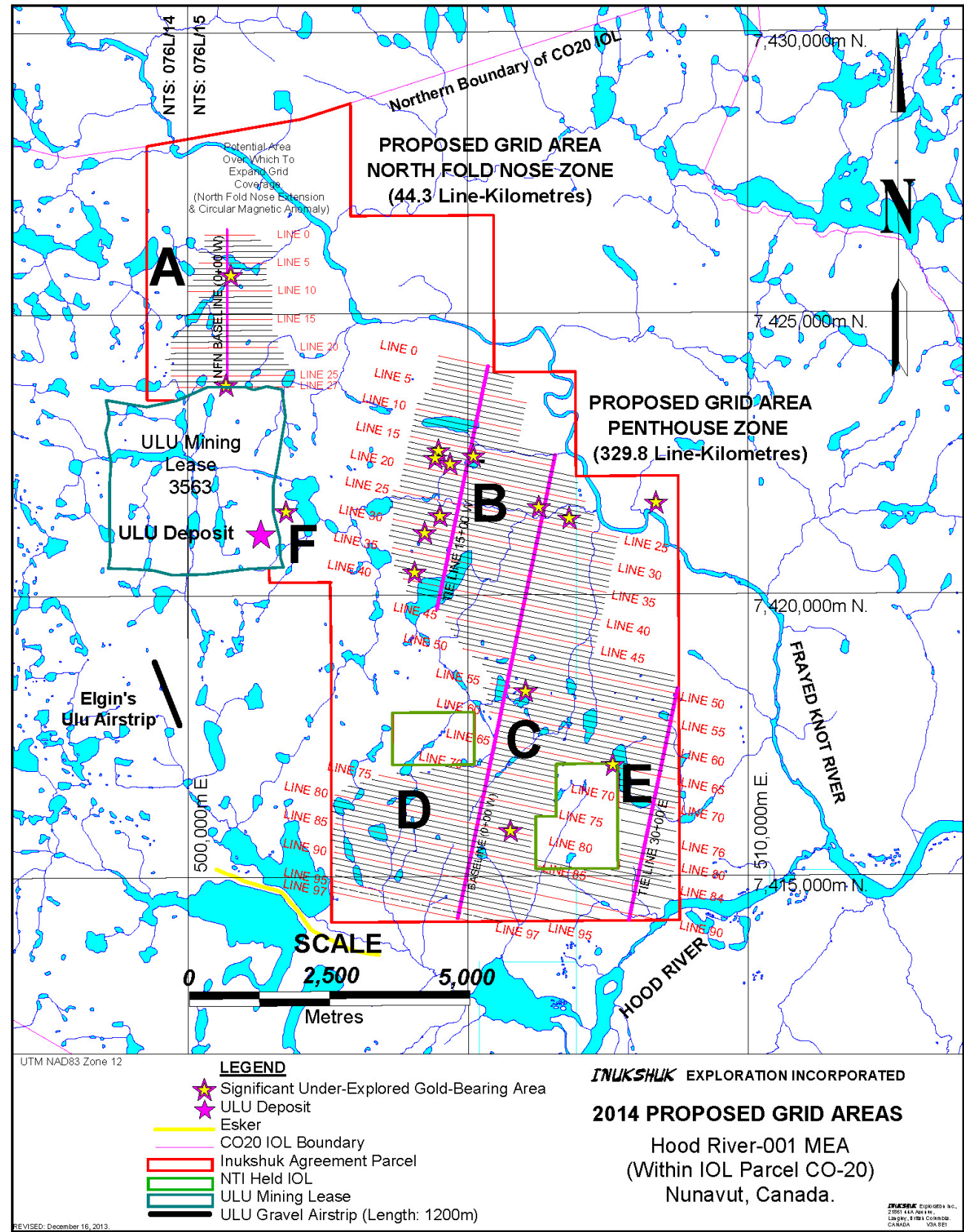
FIGURE 2.



Bounding Property Coordinates, HOODRIVER-001 MEA.



FIGURE 3.



Proposed grid, known showings areas (Stars), potentially mineralized areas (Letters) to be evaluated and potential drilling water source locations (Lakes) within the HOODRIVER-001 MEA.