



EMERGENCY RESPONSE PLAN

ARCADIA BAY PROPERTY
Coronation Gulf Area, NU

Prepared by:



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& Associates Inc.**
Mineral Land Management

Effective Date: 1 June 2017

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1.0 INTRODUCTION

This Emergency Response Plan (ERP) applies to mineral exploration activities conducted by, or on behalf of, Transition Metals Corp. and Nunavut Resources Corporation (the Companies) on the Arcadia Bay Property (the Property), Nunavut, Canada.

This ERP will come into effect 1 June 2017, pending approval. Copies and updates to this plan may be obtained via Transition Metals Corp. or APEX Geoscience Ltd. (APEX). The ERP will be replaced, upon approval, if there are any significant changes to the activities outlined in the existing permits which warrant changes to the ERP. Minor changes will be submitted as an addendum to the ERP and submitted to the distribution list as required.

The Companies are firmly committed to operating with the highest standards to protect the health and safety of all employees, contractors, the public, and the environment. This plan has been prepared as part of an overall emergency preparedness program, and will comply with all applicable regulations and industry standards.

1.1 Contact Details

Transition Metals Corp.

#5 – 410 Falconbridge Road

Sudbury, ON P3A 4S4

Tel: (705) 669-1777

Fax: (705) 669-1100

www.transitionmetalscorp.com

Nunavut Resources Corp.

Box 18

Cambridge Bay, NU X0B 0C0

Tel: (867) 983-2458

Fax: (867) 983-2701

www.nunavutrc.com

APEX Geoscience Ltd.

110-8429-24 Street NW

Edmonton, AB T6P 1L3

Tel: (780) 467-3532

Fax: (780) 467-4025

www.apexgeoscience.com

1.2 Purpose and Scope

The purpose of the Arcadia Bay Property Emergency Response Plan (ERP) is to provide guidelines for all personnel that enable them to act appropriately and efficiently in the event of an emergency. Prompt, effective, and organized emergency response will ensure the safety of personnel, minimize effects on the environment, and help maintain a productive level of day to day operations at the Arcadia Bay Property.

The main goals of the plan are:

- To provide education and emergency preparedness training for all employees, contractors, and visitors at the Arcadia Bay Property.
- To enable personnel to respond to an emergency in a logical and coordinated manner in order to minimize injury, loss of property, and to mitigate environmental impacts.
- To maintain operations at a level as close as possible to normal during an emergency situation, and to restore normal operations quickly and efficiently.

The ERP will be available to all employees, contractors, and visitors at the Arcadia Bay Property. It will be posted at strategic areas around camp and at drill sites for reference. Personnel can contact their individual supervisors or the Project Supervisor if they wish to receive individual copies.

1.3 Other Plans

The ERP should be considered as a part of the property-wide management system. Other management plans in place at the Arcadia Bay Property include:

- Abandonment and Restoration Plan (ARP)

- Environmental Management Plan (EMP)
- Spill Contingency and Fuel Management Plan (SCFMP)
- Waste Management Plan (WMP)

1.4 Property and Camp Description

The Arcadia Bay Property is a gold mineral exploration property located within the Kitikmeot region of Nunavut, within the 1:50,000 National Topographic System (NTS) map sheet 076M11. The Property, composed of Inuit-Owned Land (IOL) Parcel CO-31, is located on the shore of Arcadia Bay, on the Coronation Gulf, approximately 160 kilometres (km) east of Kugluktuk, 200 km west of Hope Bay, and 305 km southwest of Cambridge Bay. The Property is centred at approximately 67°42'21.6"N and 111°32'13.2"W or, using the Universal Transverse Mercator (UTM) conformal projection, 483608 E/7510147 N, North American Datum (nad) 83 zone 12. The land parcel measures approximately 7.5 km north-south by 4.5 km east-west covering 2,696 hectares (Appendix 1).

Float or ski-equipped fixed wing aircraft access to the Property is via Salt Lake, located on the northern perimeter of the Property. Alternatively, an airstrip associated with the Ulu deposit is located approximately 95 km to the south or there is also an airstrip at the Tree River Lodge, located approximately 20 km to the west, which can also be utilized. A helicopter will remain onsite to move personnel and equipment around the project area. A barge landing site, located at the north end of the Property may also be utilized. Barge service is available on the Coronation Gulf for a short season in mid to late summer.

The proposed 2017 exploration activities on the project will include a 12 hole diamond drill program, totaling approximately 2,500 metres (m). A small (12-person) seasonal camp will be required to support the exploration activities at the project. The camp will be located approximately 2 km south of the barge landing, at a historic site used by Orofino Resources Ltd. in the late 1980's. The approximate location of the camp is 67°43'12.9" N and 111°23'6.9" W or 483701E/7511726N UTM NAD 83 Zone 12. The camp structures are expected to include 1 office tent (12X16'), 3 sleeping tents (12X16' each), 1 first aid tent (12X16'), 1 dry (16X20'), 1 generator/storage shack or Weatherhaven tent (14X16'), and 1 core logging/sample storage shack (16X20'). The majority of the structures will be insulated Weatherhaven tents, or similar, with plywood floors.

A fuel cache will be established on stable ground near the camp, primarily to store diesel (to a maximum of 100-205 litre drums) and jet fuel (to a maximum of 50-205 litre drums). Small quantities of gasoline (to a maximum of 10-205 litre drums) and propane (to a maximum of 50-100 lb cylinders) will also be stored. Small temporary fuel caches (totaling less than 4,000 litres) may also be required to support the exploration activities, such as staking, prospecting, geological sampling and geophysics at the Property.

2.0 PRE-EMERGENCY PLANNING

The responsibility for administration of the ERP will rest with the Project Supervisor. The Camp Manager and Project Geologist will support the Supervisor, and work together with the Site Safety Coordinator to ensure the plan is implemented effectively. Updates and modifications will be made as necessary.

2.1 Prevention

The Companies are committed to a prevention strategy of ongoing maintenance, inventory control, and staff training. The following will be standard practice at the Arcadia Bay Property:

- All equipment and machinery will be inspected and serviced regularly to ensure it is safe and in good working condition. Specific training will be provided for the safe use of each type of equipment and machinery on site.
- All hazardous materials will be stored in a safe and appropriate manner, as required for each individual product as set out in the manufacturer's Material Safety Data Sheets (MSDS) and in accordance with the Arcadia Bay Property SCFMP and FMP.
- All hazardous materials will be subject to strict inventory control. Logs will be kept and regular inspections will be performed.
- Daily and weekly safety meetings will focus on improving safety and environmental performance. Personnel will be reminded of possible hazards and consequences, as well as any countermeasures and the resources available during an emergency situation.
- Appropriate personal protective equipment (PPE) will be required for all activities at the project including, but not limited to:
 - Satellite Phone
 - SPOT
 - Radio
 - Survival Bag
 - GPS and compass
 - Maps
 - First aid kit
 - Variable weather appropriate clothing (ie. rain, snow, wind, sun, etc)
 - Sun/insect protection
 - High Visibility Clothing/Vest
 - Bear Spray/ banger/ horn
 - Work gloves
 - Hearing protection
 - Hard hats
 - Safety glasses
 - Helmet
 - Steel or composite toe boots

2.2 Hazard Identification

2.2.1 Toxicological and Physiochemical Properties of Chemicals

The MSDS will be posted in binders at all safety stations on site. They can also be found in the SCFMP.

2.2.2 Fire

All precautions possible will be taken to prevent fires at the site, because of the difficulty in effectively fighting fires at this remote location. Locations of fire alarms and evacuation routes (if not obvious, e.g. only one door) will be posted in all work areas; fire extinguishers will be clearly marked in an approved manner. The potential for a fire at the Arcadia Bay Property include, but are not limited to: Camp tents, generator shack, fuel cache, drill site and the barge landing.

2.2.3 Medical Emergency

Medical emergencies can occur at any time and could be due to accidents or ill health.

Medical evacuations will be accomplished by means of fixed or rotary wing medevac to Yellowknife. First Aid Attendants at the site will be able to provide first aid and to treat more minor injuries. A satellite phone system will be installed at the Arcadia Bay Camp in order to provide reliable telephone communications in the event of a medical emergency requiring consultation with outside medical help and/or requesting a plane for medevac. Field crews and the helicopter will be equipped with hand held radios and portable satellite phones.

See Appendix 1 for a list of emergency contacts for outside resources available for assistance with medical emergencies.

2.2.4 Extreme Weather

Weather extremes can include, but are not limited to heavy snowfall to blizzard conditions in winter, heavy rain causing flooding in summer, and fog. Supervisory personal will be appropriately experienced in order to be able to judge when conditions deteriorate to the extent that work should cease and crews return to camp. Radio and/or satellite phone contact will be available throughout the Property and thus senior supervisory personnel can be advised at any time of deteriorating weather situations and the status of crews working outside.

2.3 Daily Schedules and Check-in

Filed crews will be performing general exploration activities including staking, prospecting, geological mapping, sampling and ground geophysics as well as working at the drill for the duration of the program. Access to work sites will be via helicopter. The crew is responsible for the following before/during field work.

1. Establish an 'Off-site' Check-in:

- The field crew must establish an 'off-site' check-in prior to commencing any field work. This should be confirmed at the end of each field day.
- The 'off-site' check-in is ultimately responsible for the safety of the field crew.
 - All designated 'off-site' check-ins must be available at all times while the crews are active in the field.
 - Check-ins must have access to their e-mail to check for Spot messages.
 - Check-ins must know and understand all Emergency Response Procedures.
 - Check-ins must have a copy of the Emergency Contact phone list.
 - **If you are not available as a 'check-in' then you cannot be the check-in.**

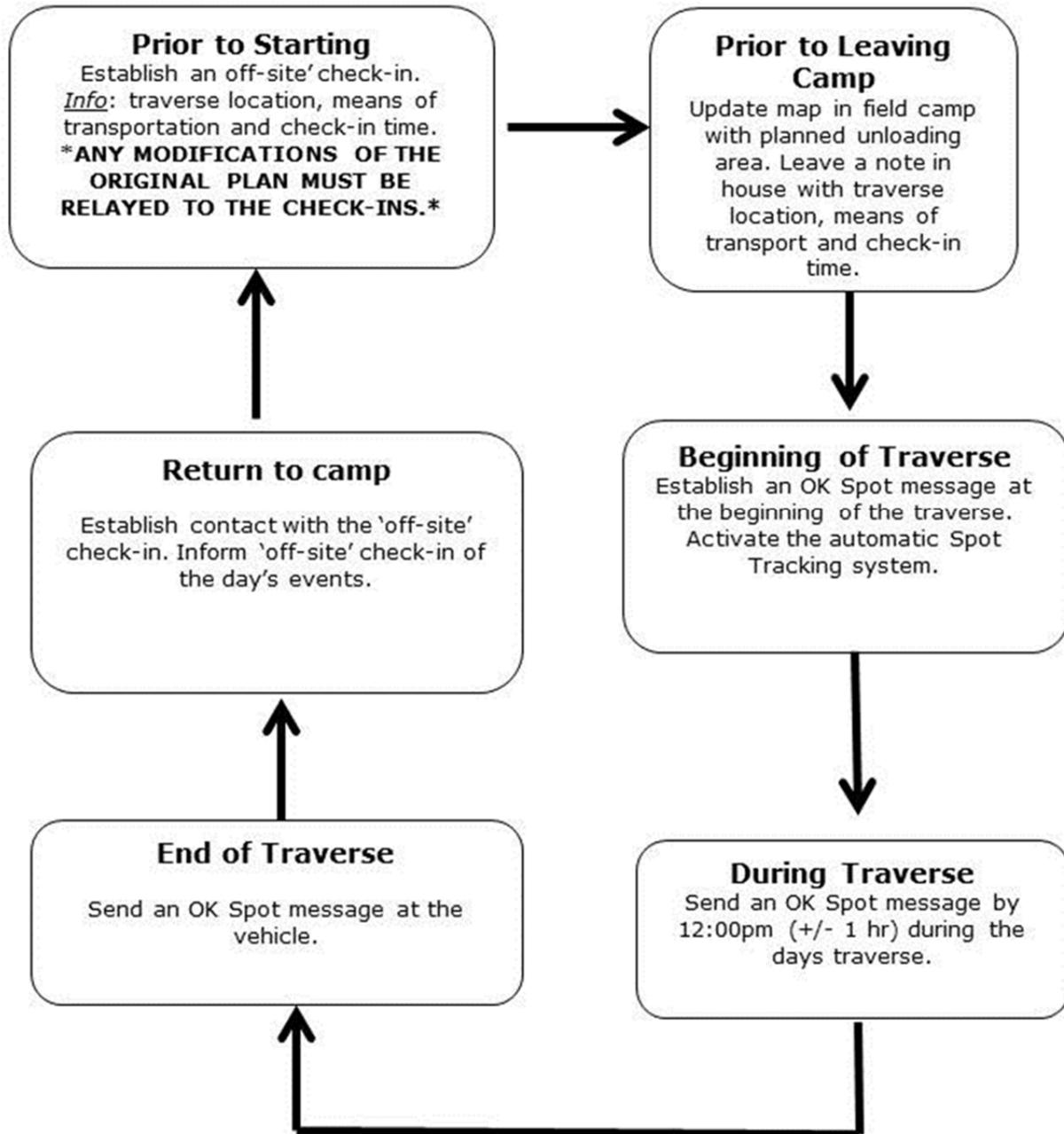
2. Spot OK signals:

- To be sent at the beginning of the traverse, at noon and at the end of the traverse once the helicopter is reached.
- Used to let the 'off-site' check-ins know the location of the crew and status of the crew.
- Message goes to all the users programmed to that specific Spot unit.

3. Phone Check-In

- Once back at camp call the 'off-site' check-in and confirm the next day's traverse plans and check-in time.

Check-In Procedure Flow Chart



APPENDIX 1

Arcadia Bay Property

***Emergency Response Plan
& Important Contact Information***

ARCADIA BAY PROPERTY EMERGENCY RESPONSE PLAN

In the event of an emergency the crew may be required to initiate the emergency response plan. Whenever possible, the crew will attempt to use the satellite phone to clearly communicate the situation and initiate the appropriate response plan. The off-site check-in may be required to initiate the emergency plan if the crew cannot be contacted.

SPOT units are to be used as a back-up or to supplement this line of communication. (e.g. a lost crew may use the HELP message to send their exact coordinates to search and rescue).

The satellite phone will be kept on and connected during the duration of an emergency until the problem is resolved.

The following SPOT messages may be received by the 'off-site' check-in with information supplemented by phone:

1. Spot Message signals:

- To be sent when the crew is going to be late.
- Tells the both the on-site and off-site check in that the crew will be X minutes late, and that they should expect an Ok message in X minutes.
- Repeat this step if needed.
- No immediate action required by the off-site check-in

2. Spot Help Messages:

- Will be used when experiencing mechanical difficulties with a fixed-wing aircraft, helicopter, ATV, or similar and satellite phone communication is not possible.
- The crew should attempt to contact the off-site check-in to discuss the situation
- If the crew cannot be contacted then the off-site check-in will determine the course of action depending on the plans for the day, location of the spot and other know conditions
- Based on the location of the crew, the 'off-site' check-in may be better able to assist in a course of action.
- Message goes to all users programmed to that specific Spot unit.

3. Spot Emergency Message:

- To be sent in the case of a life threatening situation or medical emergency.
- Examples could include a critical illness, injury or helicopter accident.
- The decision to send an emergency message will be a judgement call made by the involved crew members.
- The crew should attempt to contact the off-site check-in to discuss the situation
- The messages, along with the coordinates are immediately sent to Emergency Services.
- Only the Emergency Contacts, programmed to that Spot unit are notified of the situation.

4. Missed Check-In

In the event that a crew fails to check in at the end of the day, the 'off-site' check-in will follow these steps outlined below:

Step 1.

Attempt to contact the field crew on their designated satellite phone. Contact camp manager to confirm if the crew has come back or not. Allow the late crew an additional hour before implementing the Emergency Response Plan.

Any field crews who know that they will miss their established check-in time should make all attempts to contact their check-ins via satellite phone, SPOT, radio, etc. Crews should leave their satellite phones on to help facilitate communication.

Step 2.

If the missing crew has failed to check-in, the off-site check-in will check the SPOT website to see the last recorded position for the missing crew.

Based on the crews last known position the off-site check-in should determine the course of action to take, such as organizing a search party or calling authorities, etc.

Step 3.

If the off-site check-in determines the root cause is a mechanical issue or a non-life threatening issue, then they can deploy field based personnel to assist the missing group.

Field personnel should attempt to maintain an open line of communication with the off-site check-in at this time. Confirmation of contact should be made immediately.

Step 4.

If the off-site check-in determines that the situation is of a serious/critical nature (ie. no spot communication for an extended period of time or a fixed SPOT position for an extended period of time) the appropriate search and rescue plan should be initiated.

The off-site check-in should relay the following information:

- Names of the missing crew
- Last known position of the crew in lat/longs
- Check-in details
- Source of transportation
- And any other significant information

Transportation

Helicopter Company	TBA
Fixed Wing Company	TBA
Barge Company	TBA

Workers' Safety and Compensation Commission

Yellowknife	1-867-920-3888
Yellowknife (Toll Free)	1-800-661-0792
Yellowknife (Fax)	1-867-873-4596
Yellowknife (Toll Free Fax)	1-866-277-3677
Iqaluit	1-867-979-8500
Iqaluit (Toll Free)	1-877-404-4407
Iqaluit (Fax)	1-867-979-8501
Iqaluit (Toll Free Fax)	1-866-979-8501

Incident & Injury Reporting	1-800-661-0792
Incident & Injury Reporting Fax	1-867-873-0262

Chief Mine Inspector (Yellowknife) Fred Bailey	1-867-669-4430
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Mining Engineer/Inspector (Iqaluit) Martin Van Rooy	1-867-979-8527
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Mining Engineer/Inspector (Yellowknife) Jagadish Patel	1-867-920-3832
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Emergency Spill Report (24-hour line)	1-867-920-8130
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Public Health Office (Iqaluit)	1-867-975-4800
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Poison Control Center	1-800-332-1414
Poison Control Center (Toll Free, Ontario)	1-800-268-9017
Poison Control Centre (Cambridge Bay)	1-867-983-2531
Poison Control Centre (Iqaluit)	1-867-979-7350

APPENDIX 2
Arcadia Bay Property
Project Location and Potential Field Areas Figures

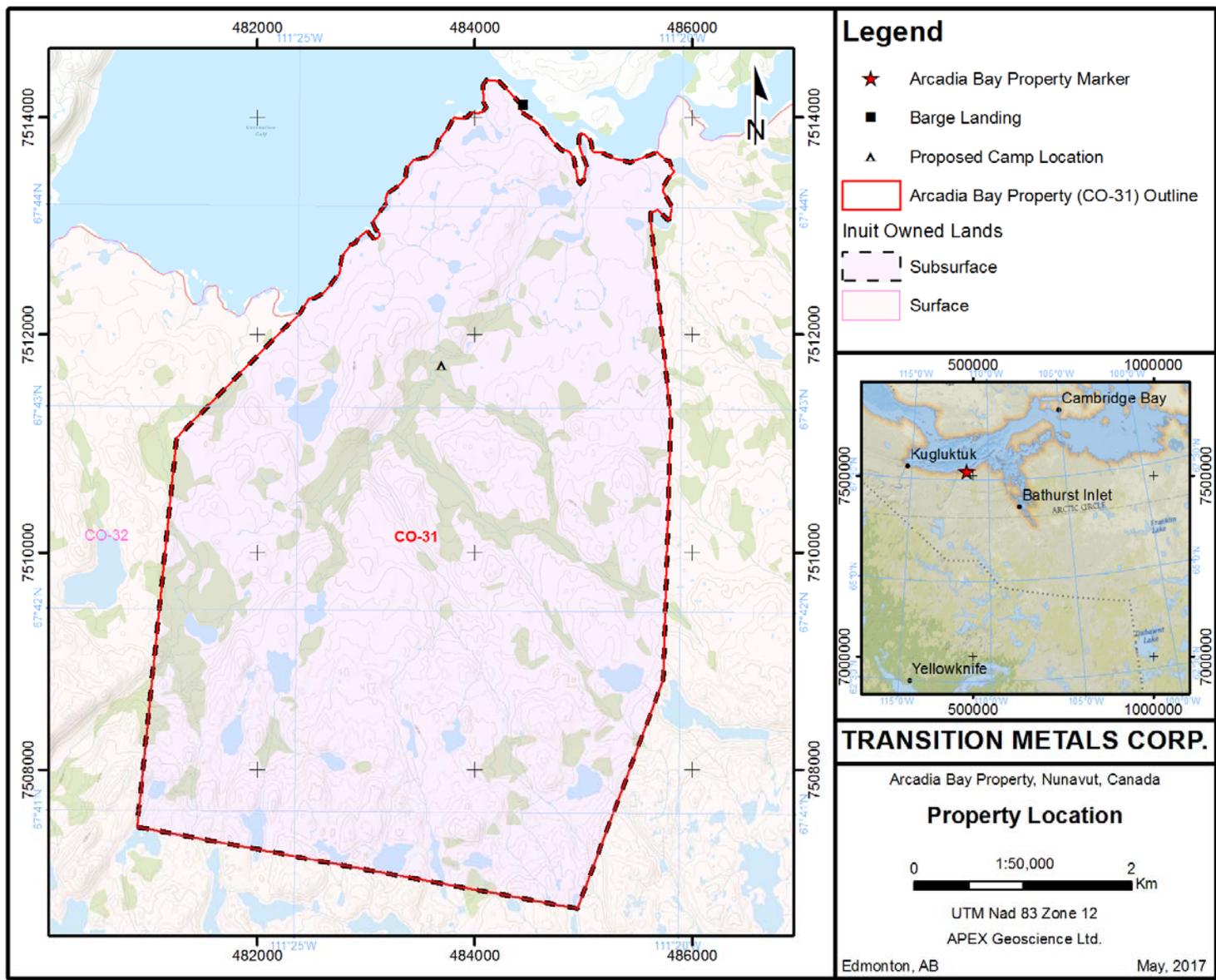


Figure 1: Arcadia Bay Property location

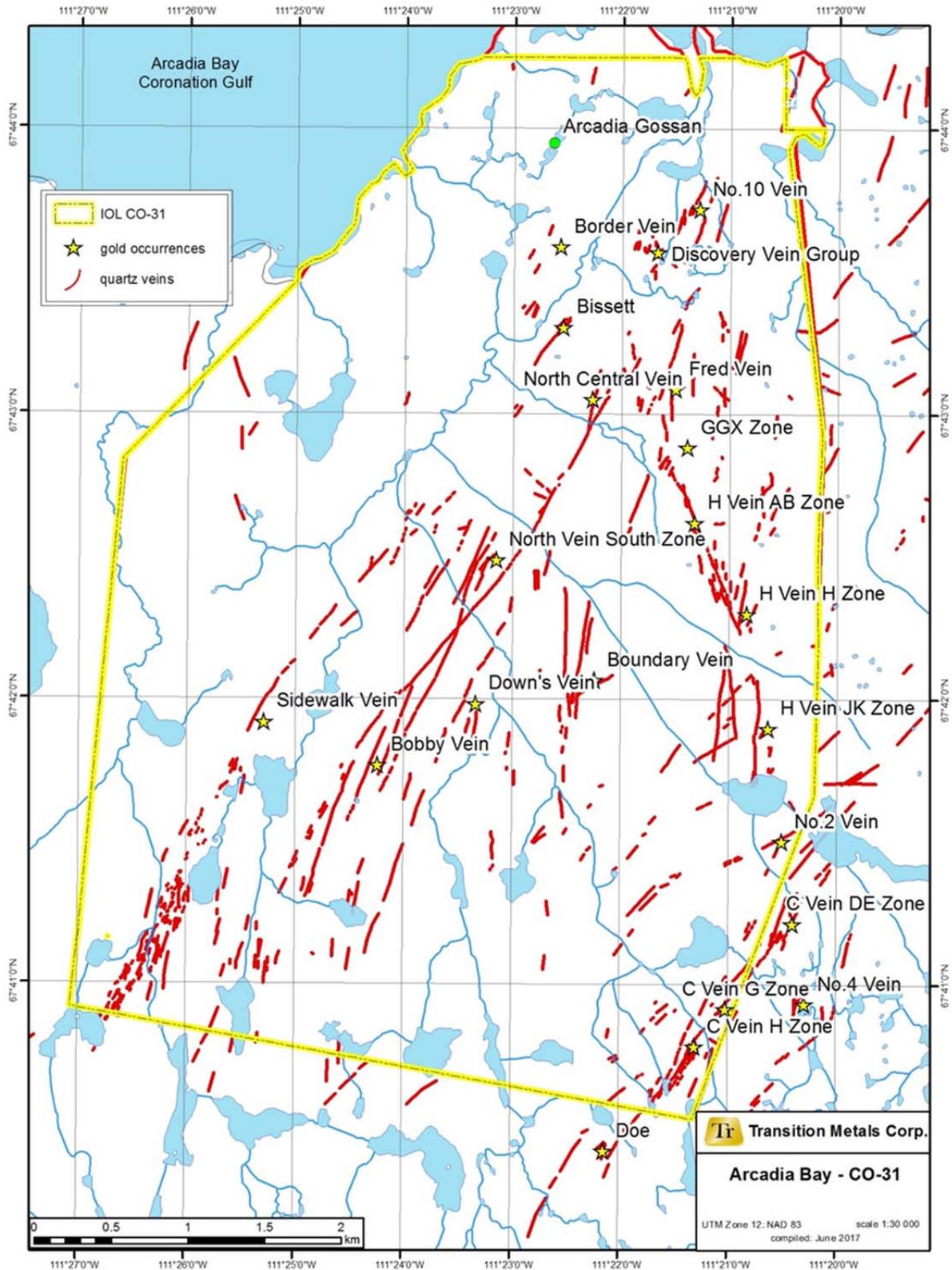


Figure 2: Arcadia Bay Potential Field Areas