



# RAU TREND ACCESS ROAD

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# EMERGENCY RESPONSE PLAN

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## DOCUMENT MAINTENANCE AND CONTROL

ATAC Resources Ltd. (ATAC) is responsible for the distribution, maintenance and periodic updates of this document. Final plan details and any changes to the intent of the document must be approved by the Government of Yukon Department of Energy, Mines and Resources (EMR). Changes that do not affect the intent of the document will be made as required on a regular basis (e.g. phone numbers, names of individuals, etc.).

This document will be reviewed periodically and revised as needed, taking into account changes in the law, environmental factors, and any other relevant changes. It will also be reviewed and revised following any major emergency response incidents.

The following table reflects all revisions to this document:

<b>Revision #</b>	<b>Section(s) Revised</b>	<b>Description of Changes</b>	<b>Prepared By</b>	<b>Issue Date</b>
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## CONTENTS

1	INTRODUCTION .....	1
1.1	BACKGROUND .....	1
1.2	PURPOSE, OBJECTIVES AND SCOPE OF THE PLAN .....	1
1.3	OTHER ENVIRONMENTAL MANAGEMENT PLANS .....	1
2	MEDICAL EMERGENCY RESPONSE.....	2
2.1	IF FIRST AID ATTENDANT IS ON-SITE .....	2
2.2	IF NO ON-SITE FIRST AID ATTENDANT.....	2
3	MEDICAL EMERGENCY REQUIRING AIR EVACUATION .....	3
3.1	IF SUITABLE HELICOPTER AND FIRST AID ATTENDANT AVAILABLE IN CAMP.....	3
3.2	IF NO SUITABLE HELICOPTER AND/OR FIRST AID ATTENDANT AVAILABLE IN CAMP .....	3
4	GENERAL CAMP EVACUATION .....	4
4.1	GENERAL EVACUATION GUIDELINES .....	4
5	WILDLIFE ENCOUNTER RESPONSE.....	5
5.1	ENCOUNTERS IN THE FIELD.....	5
5.2	ENCOUNTERS IN CAMP .....	5
5.3	IF AN EMPLOYEE IS ATTACKED OR BITTEN.....	5
5.4	INSECT STINGS.....	6
6	FOREST FIRE RECOGNITION AND RESPONSE.....	6
6.1	IF CREW AVAILABLE.....	6
6.2	IF ALONE .....	6
6.3	CAMP/TENT FIRE RECOGNITION AND RESPONSE.....	7
6.4	FIRE EXTINGUISHER USE.....	7
7	LOST/LATE EMPLOYEE RESPONSE .....	8
8	ARCHAEOLOGICAL/HERITAGE DISCOVERY RESPONSE .....	9
	SCHEDULE OF FORMS.....	10

## **LIST OF ACRONYMS**

ATAC – ATAC Resources Ltd.

EMR – Yukon Government Department of Energy, Mines and Resources

RTAR – Rau Trend Access tote-Road

RGP – Rackla Gold Project

ERP – Emergency Response Plan

# 1 INTRODUCTION

## 1.1 BACKGROUND

The Rackla Gold Project (RGP) is located 55 km northeast of Keno City in Central Yukon and is 100% owned by ATAC Resources Ltd. (ATAC). The project covers 1,700 sq/km and hosts two distinct trends: Rau and Nadaleen.

The Rau Trend forms the western portion of the RGP and hosts the Tiger Gold Deposit, which was discovered in 2008. Proposed tote road access to the Rau Trend, hereby referred to as the “Rau Trend Access Road” (RTAR), begins at km 12 along the Hanson-McQuesten Road, approximately 11 km north of Keno City and is connected to the Yukon highway system.

## 1.2 PURPOSE, OBJECTIVES AND SCOPE OF THE PLAN

This Emergency Response Plan (ERP) has been developed as part of a comprehensive set of Environmental Management Plans for the RTAR. The ERP has been designed to identify, define and provide instructions on how to deal with various emergencies. Although great care has been taken in the creation of this document, no plan can encompass all of the possible circumstances that may arise in a mineral exploration operation. As such, the ERP that follows should be used as a guide only.

This ERP outlines the appropriate response to the following emergencies:

1. Medical Emergency;
2. Medevac;
3. General Camp Evacuation;
4. Wildlife Encounters;
5. Fires;
6. Late/Lost employees; and
7. Archaeological Discoveries.

## 1.3 OTHER ENVIRONMENTAL MANAGEMENT PLANS

The following additional Environmental Management Plans are in place for construction and operation of the RTAR, and should be read in conjunction with this plan:

- Access Management Plan
- Adaptive Management Plan
- Erosion and Sediment Control Plan
- Spill Contingency Plan
- Wildlife Attractant Management Plan

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## 2 MEDICAL EMERGENCY RESPONSE

### 2.1 IF FIRST AID ATTENDANT IS ON-SITE

- a) Ensure the scene is safe before entering. **Do not endanger yourself.** What was the mechanism of injury? How many are injured? Secure the scene, if possible. IE: Turn off running equipment, stop spills, etc. Quickly assess patient for injuries.
- b) In the case of a major first aid emergency, alert the on-site first aid attendant immediately, with a description of accident location, the number of the injured workers and the severity and type of the injuries.
- c) The first person on scene becomes the On-Scene Coordinator until relieved of his or her duties by the First Aid Attendant, Safety Officer, or someone else that Senior Management delegates. When alerting the on-site first aid attendant over radio or telephone, one should only disclose immediately pertinent information to aid emergency response and should not disclose names or personal details of the casualties.

### 2.2 IF NO ON-SITE FIRST AID ATTENDANT

#### a) **Scene Assessment**

**Do not** proceed with Patient Assessment if the area is unsafe for you and/or the injured worker. Move the injured worker to a safe environment if possible, taking extra care not to move the head and neck. Findings in this scene assessment will help determine if an air evacuation is necessary. IE: Major Trauma, severe deceleration or roll-over of a vehicle (Truck, ATV, Excavator), explosion or fire, severe crush injuries, or smoke, gas or carbon monoxide poisoning.

**IF ANY OF THE PRECEDING IS DISCOVERED, ACTIVATE THE MEDICAL AIR EVACUATION PLAN IMMEDIATELY.**

#### b) **Patient Assessment**

Moving the patient as little as possible, rapidly assess patient for any of the following:

- Patient's airway is obstructed
- Patient not breathing
- No Pulse
- Patient in severe respiratory distress
- Blue skin colouring
- Signs of shock (Cool, pale, clammy skin, rapid pulse)
- Open chest wound
- Excessive bleeding
- Unconscious
- Signs of spinal cord injury (paralysis)
- Electrical injury
- Penetrating injury to the head, neck, chest, abdomen or groin
- Major burns

**IF ANY OF THE PRECEDING IS DISCOVERED, ACTIVATE THE MEDICAL AIR EVACUATION PLAN IMMEDIATELY.**

c) **Patient care**

After activating your Medical Air Evacuation Plan, stay with the patient and follow Emergency Medical Service instructions until help arrives.

### **3 MEDICAL EMERGENCY REQUIRING AIR EVACUATION**

#### **3.1 IF SUITABLE HELICOPTER AND FIRST AID ATTENDANT AVAILABLE IN CAMP**

- a) The First Aid Attendant will prepare patient for transport and contact receiving institution.
- b) Follow the attendant's instructions, and halt all work (this includes all drilling activity) until a level 3 First Aid Attendant, a replenished first aid kit and oxygen supply and helicopter return to camp.

#### **3.2 IF NO SUITABLE HELICOPTER AND/OR FIRST AID ATTENDANT AVAILABLE IN CAMP**

Call Medevac hotline: 1 867 667 3333 and provide the Emergency Medical Provider (EMP) with the following information:

- **NUMBER OF INJURED AND THEIR PRECISE LOCATION**
- **AGE AND SEX OF PATIENT(S)**
- **MECHANISM OF INJURY**
- **PATIENT'S CHIEF COMPLAINT(S)**
- **VITAL SIGNS**
- **SUSPECTED DIAGNOSIS**
- **TREATMENT RENDERED (IF ANY)**
- **SPECIAL EQUIPMENT AND/OR PERSONNEL NEEDED**
- **ESTIMATED TIME OF ARRIVAL IF AN EMERGENCY TRANSPORT VEHICLE OR INDUSTRIAL AMBULANCE IS BEING USED AND A RENDEZVOUS IS REQUESTED**

Inform the Archer Cathro Whitehorse Office as soon as possible.

## 4 GENERAL CAMP EVACUATION

The event of a fire, explosion, gas leak, natural disaster, or any event requiring an evacuation, such activities will be coordinated by the camp manager or his or her designate. The notification process for an evacuation is as follows:

- a) An individual or site management discovers an incident that requires an evacuation.
- b) Employee will then notify the camp manager who will then sound the alarm (**3 Long blasts of the air horn**) and notify senior management. Those workers not within ear-shot of the air horn will be notified by radio or satellite telephone. At this point, the camp manager may need to initiate air services – either from within camp, or externally.
- c) All workers must halt operations and report to muster station immediately, bringing with them warm clothes and proper footwear.
- d) Evacuation will be conducted by whichever means are deemed practical by the camp manager who will dictate all evacuation efforts and traffic. Whenever practicable, notification of Archer, Cathro Senior Management, and the appropriate authorities should be initiated.

### 4.1 GENERAL EVACUATION GUIDELINES

- Keep calm. Think rationally.
- If in a tent (office, kitchen, sleep tent, etc.) take with you sufficient outdoor clothing, and proper footwear. **Report immediately to muster station.**
- Follow instructions of immediate supervisor, or camp manager.
- **Do not** attempt to bring personal items with you. Exceptions: if within reach, take with you any firearms, computers or important paperwork and files.
- A map of camp with planned evacuation routes and muster stations should be posted in several conspicuous locations throughout camp, such as the kitchen, office, first aid tent, etc.
- Once at muster station, begin head count and ensure every employee is present and accounted for.

## 5 WILDLIFE ENCOUNTER RESPONSE

Any and all wildlife sightings and encounters must be reported to the camp manager and entered into the project Wildlife Log.

### 5.1 ENCOUNTERS IN THE FIELD

- a) All personnel should carry a hand held radio and bear spray with them at all times in the field. **Bear spray should be kept in an easily accessed location (IE: worn on a hip belt.) It should not be carried in your backpack.**
- b) If a dangerous animal is encountered, report the type of animal and its location to the camp manager immediately.
- c) If possible, shift your work activities away from the animal.
- d) If the animal remains in sight, continue to provide updates regarding its location until it leaves your work area and no other employees are in danger of encountering it.

### 5.2 ENCOUNTERS IN CAMP

- a) If a dangerous animal (bear, cougar, elk, moose, etc.) is encountered in camp, everything should be done to avoid the lethal removal of said animal. Make noise, and use non-lethal deterrents (air horns, bear spray, rubber bullets, etc.)
- b) **As a last resort**, an employee trained in firearms safety may be advised to shoot the animal. Aim to kill with an appropriate weapon. An injured animal can be much more dangerous.
- c) Avoid shooting the animal directly in camp if at all possible, due to the proximity to other people. Ensure everyone is accounted for.
- d) Be wary of a bear that has entered any camp structures or discovered food in camp. **The animal will most likely return.**
- e) Leave the carcass of the animal intact. Report to the **Mayo Conservation Office (1 867 996 2202)** and follow their instructions. If the Mayo CO is unavailable, report to **Fish and Wildlife (1-800-661-0408.) Also inform management at Archer Cathro.**

### 5.3 IF AN EMPLOYEE IS ATTACKED OR BITTEN

- a) **Alert first aid attendant immediately.** Ensure the scene is safe. Do not endanger yourself. You may need to shoot the animal. Refer to the **MEDICAL EMERGENCY RESPONSE PLAN** and **MEDICAL AIR EVACUATION PLAN** as necessary.
- b) If an employee is bitten attempt to kill the animal without damaging the head to allow testing for rabies. Arrange rabies treatment/testing for the employee within 24 hours of being bitten.
- c) Report to **Fish and Wildlife** and the **Mayo Conservation Office** and follow their instructions. **Also inform management at Archer Cathro.**

## 5.4 INSECT STINGS

- Many people are allergic to bee stings and should carry with them an EpiPen. If you have allergies, be sure to notify other crew members to allow them to aide you in an emergency.
- Anyone can have a severe allergic reaction to multiple insect stings, and someone who may have not been allergic in the past, could have acquired an allergy. Past reactions are not indicative of future reactions.
- To use an EpiPen:
  - i) Remove blue safety cap
  - ii) Swing EpiPen into the outer thigh, pressing orange tip to thigh until it \*CLICKS\*
  - iii) Hold for 10 seconds to deliver the epinephrine
  - iv) Seek medical attention immediately, bringing the EpiPen with you

**YOU MAY NEED TO REFER TO THE MEDICAL EMERGENCY RESPONSE PLAN AND/OR MEDICAL AIR EVACUATION PLAN**

## 6 FOREST FIRE RECOGNITION AND RESPONSE

- a) Determine location of fire and proximity to camp.
- b) **Report all Forest Fires immediately to Wildland Fire Management: 1-888-798-FIRE (3473) and Archer Cathro - Whitehorse: 1-867-667-4415.**
- c) If the fire is deemed an immediate threat, stop operations and notify crew by radio, telephone and/or alarm (3 air horn blasts or 3 rifle shots). Monitor fire activity and provide Wildland Fire Management with updates as necessary.

### 6.1 IF CREW AVAILABLE

- a. The individual reporting the fire should remain available to communicate details concerning the fire suppression activities and crew status, as required.
- b. The remainder of the crew shall begin immediate action on the fire to their level of safety and competence. Utilization of heavy machinery or helicopter buckets, if available, may be beneficial to fire suppression efforts. If the fire becomes unmanageable, the crew may be required to immediately evacuate, ensuring that important records, valuables and rifles be taken with them.
- c. The crew chief will supervise suppression operations until relieved by Fire Fighting personnel or until his or her personal safety is in jeopardy.

### 6.2 IF ALONE

- a. Take immediate action on the fire if you believe you can safely control it yourself. If the fire is beyond your ability, notify Wildland Fire Management immediately and follow instructions. **Do not take action on an intense fire by yourself.** Always err on the side of caution.
- b. Report fire to Wildland Fire Management and Archer, Cathro as soon as you feel the fire can be left alone without spreading out of control.

### 6.3 CAMP/TENT FIRE RECOGNITION AND RESPONSE

- a) If you discover a tent fire, or fire in camp, sound the fire alarm (3 air horn blasts) immediately.
- b) If the fire can be put out with an extinguisher, do so **AFTER** you have sounded the alarm.
- c) If you are awakened by an alarm, gather warm clothing and footwear and evacuate immediately. If you smell smoke, **do not stand up**. Roll out of bed, collect warm clothing and footwear and **exit the tent as quickly as possible**.
- d) Report to muster point immediately and for further instruction and initiate a crew count.

### 6.4 FIRE EXTINGUISHER USE

**REMEMBER \*PASS\*** -Make sure to use an appropriate extinguisher type-

**P**ull the pin

**A**im the extinguisher nozzle at the base of the flames.

**S**queeze the trigger while holding extinguisher upright.

**S**weep the extinguisher from side to side, covering the area of the fire with the extinguishing agent.

## 7 LOST/LATE EMPLOYEE RESPONSE

- a) If employees are working away from camp, a map should be left in camp showing the work location of each employee. This map should be left in the possession of the camp manager. If everyone will be absent from camp, it should be left in a prominent, conspicuous area such as the office table. The map must be update – **and dated** – daily.
- b) If radio communication is available, scheduled call-ins should be arranged.
- c) Except when 24 hr/day operations are underway, every employee must return to camp by **6 PM** unless otherwise arranged. **If an employee is 1 hour late, he or she is considered “overdue.”**
- d) If an employee is deemed “overdue,” the camp rifle should be used to fire one shot. This is to allow a lost employee to locate camp and to warn the employee that he or she is now considered to be “overdue.”
- e) Air horn blasts should then be set off in 15 minute intervals following the rifle shot, and additional rifle shots should be fired every hour.
- f) **When the missing employee is one and one-half hours overdue in summer, one-half hour in fall/winter, senior management in Whitehorse or the safety coordinator must be notified by telephone.**
- g) When the employee is two hours overdue (one hour for fall/winter operations) some crew members should begin a systematic search for the overdue employee, starting from camp and working along the obvious travel routes. The search party should have enough daylight to safely reach the overdue employee’s general work area, and return to camp without travelling in the dark.
- h) The search party (or parties) should work in pairs and be equipped with flashlights, radios, first aid equipment, air horns, and survival gear. They should also carry spare water and food. At least one crew member must stay in camp to coordinate the search effort.
- i) If the crew member cannot be located by the crew on the ground, it may be necessary to initiate a helicopter search.
- j) **Update Management, and/or the safety coordinator, hourly as the situation progresses or immediately if the employee is located.**
- k) Review Lost Employee Response Plan with all camp personnel, make necessary updates and address any concerns.

## 8 **ARCHAEOLOGICAL/HERITAGE DISCOVERY RESPONSE**

There are archaeological/heritage sites scattered across British Columbia and Yukon, many of which are undocumented. For this reason, it is possible that you may encounter an archaeological/heritage site during exploration, either knowingly or unknowingly. This protocol has been established to increase awareness of these important sites and to assist in planning future developments.

The remnant of the Northwest's earliest cultures are represented in today's landscape by a wide variety of site types, most of which are related to art, habitations, resource gathering and production, tool making, and traditional ceremonial or ritual activities. Some sites that may be immediately visible to a non-archaeologist include:

- Rock art, including pictographs and petroglyphs.
- Tree art and Culturally Modified Trees (CMTs) such as bark stripping and planks.
- Surface features such as depressions created by former habitations, earthen fortifications, rock cairns, hunting blinds, fish traps, burned rock and middens.
- Artifacts that have become visible on the land surface owing to erosion or recent land altering activity. These may be produced in a variety of materials such as stone, bone, antler, wood or shell.
- Buried cultural remains that may be sighted in a cut-bank, excavation, eroded shoreline, or other exposed deposit.

**If you discover a site in the course of your work that you suspect may be a possible archaeological/heritage site:**

- Stop all work in the area to avoid damaging the site.
- Do not disturb any artifacts or archaeological remains that you may encounter.
- Report your discovery to your supervisor then call the Archer Cathro – Whitehorse office which will provide liaison with appropriate authorities and pass on instructions regarding the discovery.
- Management will contact the Chief of Mining Land Use and Archaeology Branch by telephone at 1 800 661 0408.
- Management will also telephone the heritage office of the local First Nation(s).

**If you discover what you suspect may be possible human remains in the course of your work:**

- Stop all work in the area to avoid damaging the site.
- Do not disturb any possible human remains that you may encounter.
- If the suspected human remains appear to be recent, contact the local RCMP immediately, then call the Whitehorse office of Archer Cathro.
- If the suspected human remains do not appear to be recent, call the Archer Cathro office which will notify the RCMP, the heritage office of the local First Nation(s), and the Yukon Archaeologist. Maintain communication with the Archer Cathro office which will forward additional instructions.

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## **SCHEDULE OF FORMS**

- 1. WORKSITE DETAILS**
- 2. EMERGENCY EQUIPMENT, SUPPLY AND LOCATIONS**
- 3. EMERGENCY CALL NUMBERS**
- 4. CAMP MAP**
- 5. ADDITIONAL PHONE NUMBERS**

**\*THESE FORMS ARE TO BE FILLED OUT BY THE CAMP MANAGER UPON ARRIVAL TO CAMP AND POSTED IN CONSPICUOUS LOCATIONS THROUGHOUT CAMP. THEY SHOULD BE UPDATED WHENEVER APPROPRIATE.**

**IE. CHANGE IN FIRST AID ATTENDANTS, EMPLOYEE NUMBERS, ETC.**

**1. WORKSITE DETAILS**

**PROJECT:** \_\_\_\_\_

**CAMP MANAGER:** \_\_\_\_\_

**PHYSICAL LOCATION OF ACTIVITY (DESCRIPTION):** \_\_\_\_\_

\_\_\_\_\_

**LATITUDE:** \_\_\_\_\_ **LONGITUDE:** \_\_\_\_\_

**NUMBER OF EMPLOYEES ONSITE:** \_\_\_\_\_

**ONSITE FIRST AID ATTENDANT(S):** \_\_\_\_\_

\_\_\_\_\_

**LOCATION OF FIRST AID ROOM:** \_\_\_\_\_

**LOCATION OF MUSTER POINT(S):** \_\_\_\_\_

**METHODS OF COMMUNICATION:**

**AIR HORN – 3 LONG BLASTS (All Workers report to muster point(s) immediately)**

**RADIO** \_\_\_\_\_

**SATELLITE PHONE #:** \_\_\_\_\_

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## **2. EMERGENCY EQUIPMENT – SUPPLIES AND LOCATIONS**

### **FIRE EXTINGUISHERS**

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### **FIRST AID SUPPLIES**

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### **FOREST FIRE FIGHTING SUPPLIES**

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### **RESCUE EQUIPMENT**

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### **HEAVY DUTY EQUIPMENT**

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### **EMERGENCY TRANSPORT VEHICLE**

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### **3. EMERGENCY CALL NUMBERS:**

**Emergency Medevac Hotline: 1 867 667 3333**

**Archer Cathro Whitehorse: 1 867 667 4415 or 1 867 332 6148**

**Archer Cathro Vancouver: 1 604 688 2568**

**Medical Help Line: 1 604 215 4700**

**Whitehorse General Hospital, Emergency: 1 867 393 8700**

**Poison Control: 1 867 393 8700**

**Spill Reporting: 1 867 667 7244**

**Forest Fire Reporting: 1 888 798 3473**

**24 Hour Yukon Worker's Compensation: 1 867 667 5450**

**Fish and Wildlife: 1 867 667 5715**

**Trans North Helicopters, Mayo: 1 867 996 2355**

**Mayo RCMP: Emergency: 1 867 996 5555 Admin: 1 867 996 2677**

#### **4. CAMP MAP (EVACUATION ROUTES, EMERGENCY SUPPLIES, ETC.)**

## 5. ADDITIONAL ARCHER CATHRO EMERGENCY CALL NUMBERS

Emergency Medevac Hotline	1 867 667 3333
Archer Cathro Whitehorse	1 867 667 4415 or 1 778 686 6606
Archer Cathro Vancouver	1 604 688 2568
Medical Help Line	1 604 215 4700
Whitehorse General Hospital, Emergency	1 867 393 8700
Poison Control	1 867 393 8700
Spill Reporting	1 867 667 7244
Forest Fire Reporting	1 888 798 3473
RCMP Whitehorse	1 867 667 5555
24 Hour Yukon Worker's Compensation	1 867 667 5450
Fish and Wildlife	1 867 667 5715
Liz's cell	1 867 332 6148

### AIR SERVICES

Fireweed Helicopters , Whitehorse	1 867 668 5888
Fireweed Helicopters, Dawson	1 867 993 5700
Fireweed Helicopters, Mayo	1 867 996 2100
Capital Helicopters, Whitehorse	1 867 668 6200
Helidynamics, Whitehorse	1 867 668 3536
Trans North Helicopters, Whitehorse	1 867 668 2177
Trans North Helicopters, Faro	1 867 994 3330
Trans North Helicopters, Mayo	1 867 996 2355
Trans North Helicopters, Ross River	1 867 969 2374 or 1 867 335 2374
Sifton Air, Haines Junction	1 867 634 2916
Black Sheep Aviation, Whitehorse	1 867 668 7761
Alkan Air, Whitehorse	1 867 668 2107
Pacific Northwest Helicopters, Dease Lake	1 250 562 7911

### RCMP BY AREA E= Emergency

### A=Administration

Whitehorse	E: 1 867 667 5555 A: 1 867 667 5551
Carmacks	E: 1 867 863 5555 A: 1 867 863 2677
Dawson	E: 1 867 993 5555 A: 1 867 993 2677
Faro	E: 1 867 994 5555 A: 1 867 994 2677
Mayo	E: 1 867 996 5555 A: 1 867 996 2677
Haines Junction	E: 1 867 634 5555 A: 1 867 634 2677
Ross River	E: 1 867 969 5555 A: 1 867 969 2677
Watson Lake	E: 1 867 536 5555 A: 1 867 536 2677

### CONSERVATION OFFICERS BY AREA

Whitehorse	1 867 667 8005 or 1 800 661 0408
Dawson	1 867 993 5492
Faro	1 867 994 2862
Mayo	1 867 996 2202
Haines Junction	1 867 634 2247
Ross River	1 867 969 2202
Turn In Poachers	1 800 661 0525