# ABANDONMENT AND RESTORATION PLAN SKYBRIDGE DEVELOPMENT BLUE CARIBOU PROJECT

BY JIM ROGERS, P.GEO. REVISED FEBRUARY 26, 2011

# **TABLE OF CONTENTS**

1.0	PREA	PREAMBLE		
2.0	INTRODUCTION			
3.0	SCHEDULESITE INFRASTRUCTURE		2	
4.0			2	
5.0	FINAI	3		
	5.1.	BUILDINGS AND CONTENTS	3	
	5.2.	WATER SYSTEM	3	
	5.3.	ELECTRICAL SYSTEM	3	
	5.4.	FUEL AND CHEMICAL STORAGE FACILITIES	3	
	5.5.	WASTE FACILITY AND INCINERATOR	4	
	5.6.	GREYWATER SUMP	4	
	5.7.	BLACKWATER SUMP	4	
	5.8.	HELICOPTER PAD	4	
	5.9.	CAMP SITE	4	
	5.10.	DRILLING AREA RESTORATION	4	
	5.11.	DOCUMENTATION AND INSPECTION	5	
6.0	SEAS	SEASONAL SHUTDOWN AND RESTORATION PLAN		
	6.1.	BUILDINGS AND CONTENT	5	
	6.2.	Water System	5	
	6.3.	ELECTRICAL SYSTEM	5	
	6.4.	FUEL AND CHEMICAL STORAGE FACILITIES	5	
	6.5.	WASTE FACILITY AND INCINERATOR	5	
	6.6.	GREYWATER SUMP	6	
	6.7.	BLACKWATER SUMP	6	
	6.8.	HELICOPTER PAD	6	
	6.9.	CAMP SITE	6	
	6.10.	DRILLING AREA RESTORATION	6	
	6.11.	DOCUMENTATION	6	
7.0	OFF-S	SITE RESOURCES	7	
APPE	ENDICES	S	10	
	Figuri	E 1 – BLUE CARIBOU PROJECT LOCATION MAP	10	

# 1.0 PREAMBLE

This Abandonment and Restoration (A&R) Plan has been prepared to indicate to the Board the direction and procedures that Skybridge Development Corporation intends to implement to fulfill obligations with regard to abandonment and restoration at the Blue Caribou project. The objective of the plan is to comply with current government regulations to ensure once abandonment and restoration has been completed;

- that there is no danger to public health or safety;
- that the requirement for long term maintenance and monitoring associated with all of the mineral exploration camp facilities are minimized;
- that contaminant loadings to the environment from the closed facilities which may be related to continued leaching of contaminants from tailings/waste rock areas (ore stockpiles), development of acid rock drainage and abandoned areas of chemical/materials storage are minimized or prevented;
- that the cumulative degradation of abandoned areas affected by the mining activities are prevented and to enhance the natural recovery, where appropriate, of disturbed lands, and;
- that the affected areas will be returned to a condition that is compatible with the surrounding, original undisturbed area with respect to its future potential/productivity uses.

The Spill Contingency Plan is effective from August,1<sup>st</sup>, 2008 to December 1<sup>st</sup>, 2012 and applies to the Blue Caribou Project in the Kitikmeot District of Nunavut, north latitude 65° 15' and west longitude 106° 36'. Land Use permits with the Kitikmeot Inuit Association (KIA) and Nunavut Water Board (NWB) are currently approved.

At this time there are no plans for 2011 drilling, in the event that plans change a revised plan for Abandonment & Restoration will be submitted. The Blue Caribou Project location is shown on Figure 1.

The following formal distribution has been made of this plan: NWB, J. Rogers, President/CEO of Skybridge, a wholly owned subsidiary of Mega Precious Metals and to KIA on approval.

# 2.0 INTRODUCTION

The Blue Caribou exploration project has completed 2 phases of drilling and surface geophysical surveys, geochemical surveys & a metallurgical study to date. The exploration camp (as needed) is located on Claim CL-11/K09345 subject to certain terms and conditions imposed by a Land Use permit KTL308C001 issued by Kitikmeot Inuit Association.

# 3.0 SCHEDULE

The seasonal shutdown of the exploration site should take 5-7 days to complete. The plan will be applied by Skybridge personnel and Discovery Mining Services under the supervision of the field supervisor.

# 4.0 SITE INFRASTRUCTURE

A camp was erected for 2009 and subsequently dismantled as per Skybridge's Abandonment & Restoration Plan. Plans for any proposed future camps will follow the model set in 2009. The 2009 camp consisted of 4-14'x16' sleep tents, 1-14'x16' office tent, 1-14'x16' "dry" tent, and one 14'x16' kitchen tent set up on the Sage esker. As well, an emergency shelter, a portable 8'x8' framed building for emergency heat, food supplies and sleeping bags was used close to the drill sites as a safety haven in the event poor weather prevents access by helicopter when a drill crew is on site. A 12'x24' insulated wood building and a 8'x6' insulated building were used for logging core and splitting core for samples. All transportation from Sage Camp to the work site was on foot or used aircraft from Great Slave Helicopters. For this reason, any abandonment, restoration and general cleanup is expected to be a relatively simple procedure.

Following is a list of the major components of the camp and ancillary facilities at the Blue Caribou drill site:

### Camp Equipment/Facilities

Salt - 20 bags, stored in building
Diesel Fuel Cache, in insta-berm (30 barrels)
Jet B Fuel Cache, in insta-berm (9 barrels)

- 5-14'x16' sleep tents, frames and oil barrel in a mini-berm
- 1-14'x16' office tent, frame and oil barrel in a mini-berm
- 1-14'x16' "dry" tent, frame and oil barrel in a mini-berm
- 1-14'x16' kitchen tent, frame and oil barrel in a mini-berm
- 1-12'x24' plywood core shack and oil barrel in a mini-berm
- 1-8'x6' plywood core splitter shack

## 5.0 FINAL ABANDONMENT AND RESTORATION PLANS

### 5.1. BUILDINGS AND CONTENTS

All drill equipment will be remobilized to another site. Reusable equipment including tents, tent frames, foam rubber mattresses and other portable components will be packaged and flown out from project site to Yellowknife.

### 5.2. WATER SYSTEM

Drill supply pump, tanks and hoses will be drained, dismantled, packaged and flown out to Yellowknife or remobilized to another site.

### 5.3. ELECTRICAL SYSTEM

Portable diesel powered electric generator will be returned to Yellowknife.

### 5.4. FUEL AND CHEMICAL STORAGE FACILITIES.

Fuel inventory will be managed so as to retain only a minimum quantity of fuel on site to permit closure activities to take place. On full abandonment of the site, remaining fuel will be removed from site. The fuel containers such as drums and day tanks will be scrapped and removed from site or removed from site and sold. Propane cylinders will be flown out to source.

The fuel secondary containment system will be cleaned and dismantled, and either burned or transported to Yellowknife for recycling or disposal.

Chemicals on site may consist of drill additives, oil, grease. All drill additives will be stored in a tent with a floor. Upon termination of the drill program, any unused drilling additive, oil or grease will be returned to the drilling company warehouse. Half empty containers will be taken off site to be properly disposed of in an approved discharge. Empty containers will be disposed of in regular garbage.

### 5.5. Waste Facility and Incinerator

Once the camp is entirely dismantled, all remaining combustible waste stored at this site will be removed to Yellowknife or burned under existing permits.

### 5.6. GREYWATER SUMP

All sumps will be backfilled.

### 5.7. BLACKWATER SUMP

Washroom needs will be addressed with the use of a standard outhouse. Unit will be checked and cleaned regularly as needed. Human waste will be properly disposed of and any sump will be backfilled according to existing permits.

Washroom facilities will be dismantled and combustible material burned.

### 5.8. HELICOPTER PAD

The helicopter pad will consist of a wooden platform built of a 2x4 base with plywood cover. Soil around the helicopter pad will be inspected for contamination. The wood will be burned as per other wooden structures on site.

### 5.9. CAMP SITE

Tent sites will be selected on sandy esker areas for minimal impact on the natural surroundings. Drill core is racked and/or cross-piled at the camp on a regular basis.

### 5.10. Drilling Area Restoration

The drill will be dismantled into its main components as per the drilling contractor procedure, packaged and secured along with its ancillary equipment and rods. The drill will be flown out to a storage site designated by the drilling contractor. All drill sites will be inspected for soil contamination. Any remaining waste will be taken to camp to be burned if possible or to be flown out to an approved municipal discharge. As much as possible, drill sites will be restored immediately after the drill has been moved to the next site and sumps have drained enough to be leveled. Drill casings may be left in the holes depending on the quality of mineralization intersected but will be capped to prevent water discharge.

### 5.11. DOCUMENTATION AND INSPECTION

Photos of drill sites prior to drilling will be taken. Monitoring will be carried out during occupancy and photo records taken. Once the site is restored, it will again be documented with photos. Soil contaminated by hydrocarbons and unnoticed before abandonment will be treated as per the spill contingency plan. A final site inspection visit with community representatives, Land Use Inspector and in collaboration with NWB staff could be organized by the permit holder.

# 6.0 SEASONAL SHUTDOWN AND RESTORATION PLAN

### 6.1. BUILDINGS AND CONTENT

Following any exploration diamond drill program all equipment will either be removed from the site and stored at Yellowknife or secured at the Sage Esker camp for the winter.

### 6.2. WATER SYSTEM

Drill pump, tanks and hoses will be drained and dismantled. Rented equipment will be flown out and returned to owner. Hoses will be rolled and stored in the drill shack.

### 6.3. ELECTRICAL SYSTEM

Temporary generators we be removed from the site and returned to Yellowknife.

### 6.4. FUEL AND CHEMICAL STORAGE FACILITIES

An inventory of remaining fuel will be made and full drums will be inspected and secured for the winter. Empty drums will be flown out to source on a regular basis. Empty propane cylinders will be flown out to source. Chemicals stored on site will consist of dill additives, oil and grease. All drill additives will be stored in or by the drill foreman supply tent and secured for the winter/season. Empty containers will be disposed with regular garbage. The soil of the areas will be inspected for contamination.

### 6.5. Waste Facility and Incinerator

All combustibles to be flown to Sage Lake for incineration. Camp refuse will either be buried or flown to Yellowknife for disposal.

### 6.6. GREYWATER SUMP

Any sumps will be backfilled to bury any sediments.

### 6.7. BLACKWATER SUMP

See 5.7

### 6.8. HELICOPTER PAD

The helicopter pad will consist of a wooden platform built of a 2x4 base with plywood cover. Soil around the helicopter pad will be inspected for contamination.

### 6.9. CAMP SITE

Tent sites to be on Sage Esker, a sandy area causing minimal impact on the natural surroundings Drill core is to be removed from any drill site and consolidated at the Sage Lake Camp for storage.

### 6.10. DRILLING AREA RESTORATION

The drill will be dismantled into its main components as per the drilling contractor procedure, packaged and secured along with its ancillary equipment and rods. The drill will be flown out to another project or to a storage site designated by the drilling contractor. All drill sites will be inspected for soil contamination. Any remaining waste will be taken to camp to be burned if possible or flown out to an approved municipal discharge. As much as possible, drill sites will be restored immediately after the drill has been moved to the next site and sumps have drained enough to be leveled. Drill casings may be left in the holes depending on the quality of mineralization intersected but will be capped to prevent water discharge.

### 6.11. DOCUMENTATION

Equipment and buildings left on site will be inventoried. Photos of camp and drill sites prior to drilling will be taken. Monitoring will be done during occupancy and photos taken. The site is secure for the winter/season it will again be documented with photos.

# 7.0 OFF-SITE RESOURCES

Skybridge Development Corporation, Head Office (807) 766-3380

Skybridge Development Corporation, COO (After Hours) Mr. Glen Kuntz (807) 630-3716

Skybridge Development Corporation, President & CEO Mr. Jim Rogers (807) 472-4303

Skybridge Development Corporation, Chairman Mr. Ewan Downie (807) 473-6723

Kitikmeot Inuit Association, Board Member - Kugluktuk Jack Kaniak (867) 982-3310

Nunavut Water Board Phyllis Beaulieu (867)-360-6338 (867)-360-6369 (fax)

NWT 24-Hour Spill Report Line (867) 920-8130 (867) 873-6924 (fax) spills@gov.nt.ca

Indian & Northern Affairs Canada Inspector (867) 669-2761

Environment Canada (Emergency) Yellowknife (867) 669-4725

Environment Canada 24 hour Emergency Pager Monitored by Emergencies Personnel 867-766-3737

Nunavut Department of Environment 867 -975-7700 (general inquiry)

Manager of Pollution Control & Air Quality (867) 975-7748

GNWT Environmental Protection Division (867) 873-7654

GNWT Environmental Health Office (867) 669-8979

RCMP (Yellowknife) (867) 669-1111

Medivac (Yellowknife) (867) 669-4115

Great Slave Helicopters (Yellowknife) (867) 873-2081

Air Tindi (Yellowknife) (867) 669-8218 or 669-8200

Arctic Sunwest (Yellowknife) (867) 873-4464

WCB 24 Hour Accidents (867)-873-7468

WCB Inspector Peter Bengts (867)-920-3888 Kugluktuk Health Center (867)-982-4531

Kugluktuk RCMP (867)-982-1111 (867)-920-8130 (fax)

Indian and Northern Affairs Canada, Regional Office (867) 975-4500

Indian and Northern Affairs Canada, Manager of Field Operations Peter Kusugak (867) 975-4295 (867) 979-6445 (fax) kusugakp@inac-ainc.gc.ca

Indian and Northern Affairs Canada, Water Resource Officer (Kitikmeot Region) (867) 982-4302 (867) 982-4307 (fax) fieldops@ainc-inac.gc.ca

Indian and Northern Affairs Canada, Resource Management Officer (Kitikmeot Region) (867) 982-4306 (867) 982-4307 (fax)

Indian and Northern Affairs Inspector (867) 975-4289

Wek'eezhii Land and Water Board (NWT) Regulatory Specialist (867) 713-2500

Indian and Northern Affairs Inspector (NWT) (867) 664-2794

# **APPENDICES**

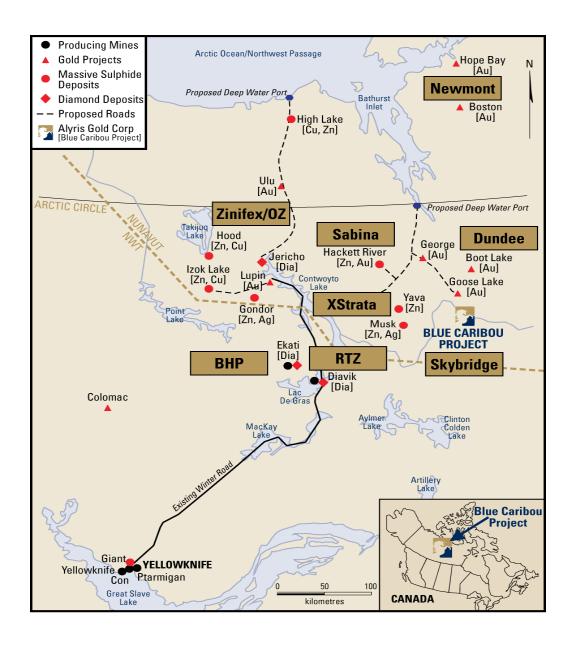


FIGURE 1 – BLUE CARIBOU PROJECT LOCATION MAP