1501253 B.C Ltd.

Spill and Fuel Management Plan

Coppermine Project

Coppermine River area, Kugluktuk

Contents

REVISION HISTORY

The table below is a revision history table that outlines the revisions made by 1501253 B.C Ltd to this document.

Version	Date	Section	Summary of Changes

Introduction

The Coppermine Project is an early-stage mineral exploration program that will likely include a small diamond core drilling program for approximately 10-20 holes, geological mapping and prospecting, rock chip and soil sampling, small ground-based non-invasive geophysical surveys, and possibly airborne geophysical surveys. Staff will be based out of Kugluktuk and fly to site via helicopter or fixed wing. Activities will cease during the Bluenose East caribou herd calving and post calving form from 28th may to 3rd July.

Diesel fuel will be used for the drill rig, and aviation fuel (A1) will be used for the helicopter. Small fuel caches up to 3,800l of combined diesel and aviation fuel will be created at the drill site and possibly other locations in the project area to support geological mapping, rock chip sampling and prospecting. Fuel will be stored on a flat area in 205l barrels, and in sit in a secondary pop-up containment bund that is sealed to prevent any spillage or leakage from seeping into the underlying soil. Fuel caches will be stored at least 31 metres away from the ordinary high-water mark of any water body.

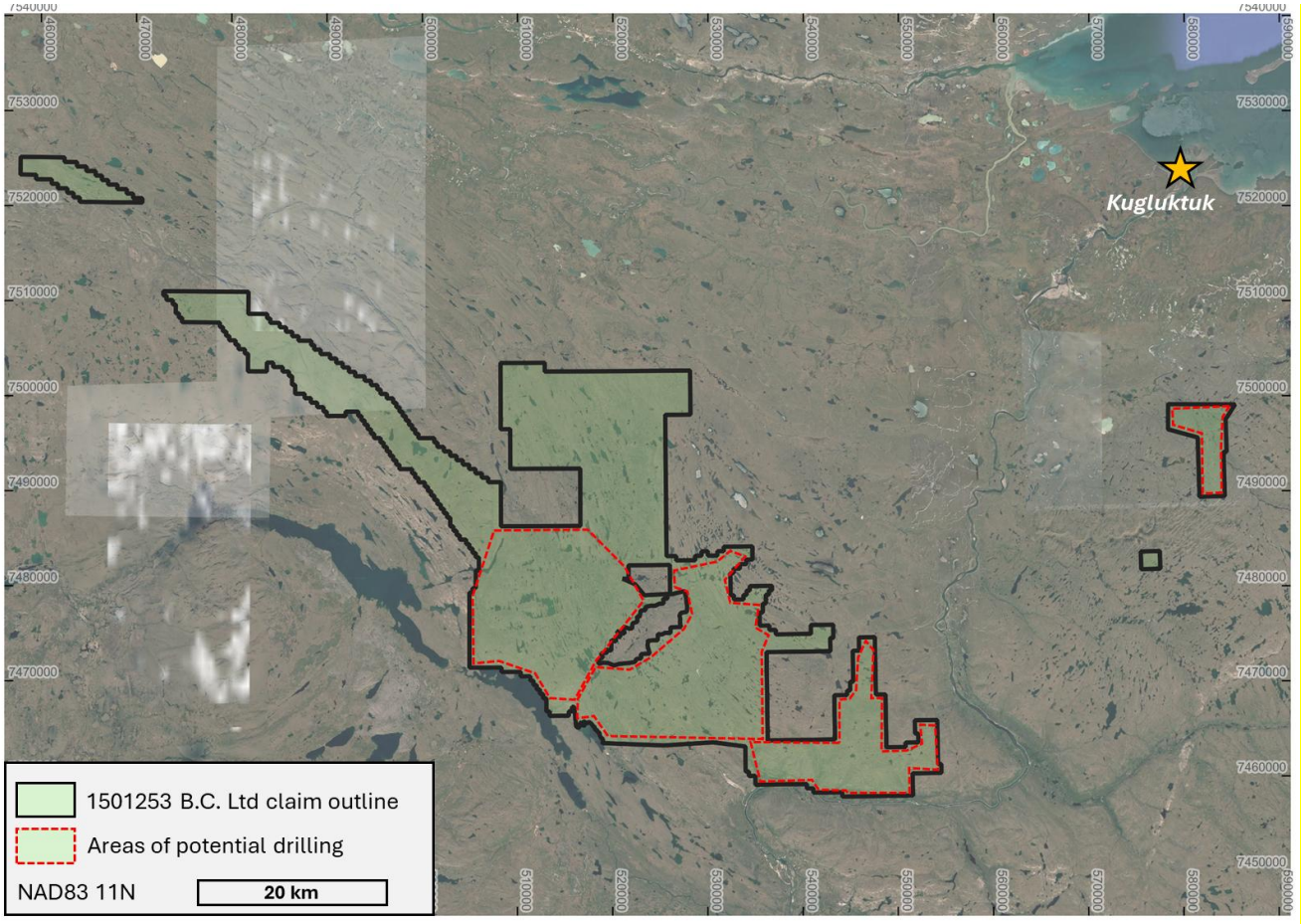
Spill kits will be located at each cache, and at the drill rig. Kits will contain fuel absorbent pads, heavy duty plastic bags, tarps, and empty drums or buckets, and hand tools.

After drilling is complete and the site is remediated, 1501253 B.C Ltd will conduct a thorough inspection of each drill location area to check for:

- Hydrocarbon staining
- Fire and safety hazards
- Debris or litter

1501253 B.C Ltd commits to taking a series of photographs of the drill site locations after the activities are complete, for recording and reporting purposes. All items, waste, and fuel barrels will be removed upon completion of each hole.

Figure 1. Project Location



All employees and contractors working on site must be familiar with the fuel storage practices, spill prevention measures, and spill response actions detailed in this Spill Management Plan. The Plan will be printed and laminated and left at each fuel cache and drill rig.

The site supervisor for the Coppermine Project, and main contact for all spill related matters is listed below:

Alex Vilela
Exploration Manager

58B Blythe Avenue, Yokine, 6060
WA, Perth, Australia
alex.vilela@sentinelresources.com.au
+61 45 9298209

2.0 Potential Spill Materials Inventory

Given the limited scope of activities proposed for the 2024 field season, a limited number of hazardous materials will be present onsite. All fuel containers will be stored at least 31 metres away from the Ordinary High-Water Mark of any water body. See Table 1 below for a list of hazardous materials stored on site which could lead to a spill.

Table 1. Project Spill Materials Inventory – Confirm totals

Material	Type of Storage Container	Maximum Quantity Onsite	Spill Prevention Measures
Jet fuel	205 L metal drums	16 drums	• Drums stored within secondary containment • Insta-berm and/or absorbent pad used to catch any drips during fuel transfer • Daily inspections of fuel cache to check for leaks or damaged drums, all issues to be addressed immediately • Helicopter fueling only conducted by qualified personnel such as the pilot or engineer • Mark all fuel caches with flags, posts, or similar devices to make them plainly visible, even when buried under snow.
Diesel	205 L metal drums	2 drums	• Drums stored within secondary containment • Insta-berm and/or absorbent pad used to catch any drips during fuel transfer • Daily inspections of fuel cache to check for leaks or damaged drums, all issues addressed immediately • Mark all fuel caches with flags, posts, or similar devices to make them plainly visible, even when buried under snow.

3.0 Response Plan

In the event of a spill, the following general steps will be followed:

1. Ensure all personnel are safe and there are no immediate dangers.
2. Remove all potential sources of ignition from the immediate area.
3. Identify the source of the spill and, if possible, stop the flow.
4. Inform the site supervisor immediately.
5. Contain the spill using spill response materials such as absorbent pads or absorbent booms.
6. Initiate clean-up and remedial actions, ensuring that GPS coordinates, photographs, and general notes (substance, estimated spill volume, etc.) are taken for reporting purposes.
7. Segregate contaminated soils, snow/ice or water, and absorbents in separate, clearly labelled 205 L metal drums for eventual shipment off site.
8. Track spill internally using the Spill Tracker (Appendix A).
9. As per the minimum reportable quantities in the Northwest Territories-Nunavut Spill management Planning and Reporting Regulations (attached as appendix to this document), all externally reportable spills, or any spill near or into water, will be reported to the 24-Hour Spill Report Line and the Inspector.

   24-Hour Spill Report Line: +1 (867) 920-8130

   Inspector: +1 (867) 975-4284 (or as indicated by Crown-Indigenous and Northern Affairs Canada in the Project land use permit)

   Though not required by legislation, it is best practice to report all spills to the Spill Line and Inspector.

10. Conduct an investigation into the cause, to prevent a repeat of the incident.
11. Within 30 days of the spill, the site supervisor or designate will submit a detailed report to the Inspector, as per conditions of the Project land use permit.

4.0 Resource Inventory

Fully stocked spill kits will be maintained at the Project site and will be placed in an appropriate location near fuel storage and fuel transfer. Miscellaneous equipment present on site will be made available for spill response such as shovels, fuel transfer pumps, hand tools, and hoses/fittings.

A 305 L spill kit and instruction manual will be located at the fuel caches and will include:

(7) socks	Caution tape
(50) absorbent pads	Nitrile gloves
(5) pillows	Safety goggles
(1) roll absorbent cloth	Protective coveralls
Premixed plugging compound	(10) disposal bags

Smaller 20 L spill kits will also be used on site for activities such as fuel transfers. These spill kits include:

(7) socks	(2) disposal bags
(10) absorbent pads	5 L polyethylene pail
Nitrile gloves	Instruction booklet

The Company will ensure that empty, sealed-top 205 L metal drums are present on site to manage all waste liquids, or to transfer liquids into if any drums are compromised. Open-top 205 L metal drums and/or lined mega bags will be present on site for disposal and eventual shipment of contaminated absorbents and contaminated soil.

5.0 Roles and Responsibilities

1501253 B.C Ltd Senior Management - Responsible for ensuring that the site supervisor is aware of spill response and reporting procedures, as well as appropriate mitigations to prevent spills from occurring. The Senior Management team will ensure that management plans are properly implemented and that the site supervisor is familiar with the conditions of site authorizations such as the land use permit.

Site Supervisor – Responsible for ensuring employees and contractors on site are aware of spill response equipment and procedures, as well as appropriate mitigations to prevent spills from occurring. The site supervisor is responsible for implementing management plans such as the Spill management Plan to minimize environmental impacts from the Project. Should a spill occur, they will ensure proper documentation and that the appropriate authorities are notified in a timely manner.

Staff and Contractors – All personnel working on site must be familiar with the Spill management Plan and understand how to respond to a spill. Staff and contractors must adhere to the Spill management Plan to help minimize wildlife attractants and environmental risks created by the Project.

1501253 B.C LTD.

Appendix A: Spill Tracker

Date	Time	Location (Lat/Long)	Substance Spilled	Estimated Volume (L)	Spill # (externally reportable only)	Comments (Environment Impact, affected substrate)

SCHEDULE B

(Section 9)

Item No.	*TDGA Class*	*Description of Contaminant*	*Amount Spoiled*
1.	1	Explosives	Any amount
2.	2.1	Compressed gas (flammable)	Any amount of gas from containers with a capacity greater than 100 l.
3.	2.2	Compressed gas (non-corrosive, non flammable)	Any amount of gas from containers with a capacity greater than 100 l.
4.	2.3	Compressed gas (toxic)	Any amount
5.	2.4	Compressed gas (corrosive)	Any amount
6.	3.1, 3.2, 3.3	Flammable liquid	100 l
7.	4.1	Flammable solid	25 kg
8.	4.2	Spontaneously combustible solids	25 kg
9.	4.3	Water reactant solids	25 kg
10.	5.1	Oxidizing substances	50 l or 50 kg
11.	5.2	Organic Peroxides	1 l or 1 kg
12.	6.1	Poisonous substances	5 l or 5 kg
13.	6.2	Infectious substances	Any amount
14.	7	Radioactive	Any amount
15.	8	Corrosive substances	5 l or 5 kg
16.	9.1 (in part)	Miscellaneous products or substances, excluding PCB mixtures	50 l or 50 kg
17.	9.2	Environmentally hazardous	1 l or 1 kg
18.	9.3	Dangerous wastes	5 l or 5 kg
19.	9.1 (in part)	PCB mixtures of 5 or more parts per million	0.5 l or 0.5 kg
20.	None	Other contaminants	100 l or 100 kg

NT-NU SPILL REPORT

OIL, GASOLINE, CHEMICALS AND OTHER HAZARDOUS MATERIALS

NT-NU 24-HOUR SPILL REPORT LINE
TEL: (867) 920-8130
FAX: (867) 873-6924
EMAIL: spills@gov.nt.ca

REPORT LINE USE ONLY

A	REPORT DATE: MONTH – DAY – YEAR	REPORT TIME	☐ ORIGINAL SPILL REPORT, OR ☐ UPDATE # _____ TO THE ORIGINAL SPILL REPORT	REPORT NUMBER ____-_____
B	OCCURRENCE DATE: MONTH – DAY – YEAR	OCCURRENCE TIME		

C	LAND USE PERMIT NUMBER (IF APPLICABLE)	WATER LICENCE NUMBER (IF APPLICABLE)
D	GEOGRAPHIC PLACE NAME OR DISTANCE AND DIRECTION FROM NAMED LOCATION	REGION ☐ NWT ☐ NUNAVUT ☐ ADJACENT JURISDICTION OR OCEAN
E	LATITUDE DEGREES MINUTES SECONDS	LONGITUDE DEGREES MINUTES SECONDS

F	RESPONSIBLE PARTY OR VESSEL NAME	RESPONSIBLE PARTY ADDRESS OR OFFICE LOCATION	
G	ANY CONTRACTOR INVOLVED	CONTRACTOR ADDRESS OR OFFICE LOCATION	
H	PRODUCT SPILLED	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER
	SECOND PRODUCT SPILLED (IF APPLICABLE)	QUANTITY IN LITRES, KILOGRAMS OR CUBIC METRES	U.N. NUMBER
I	SPILL SOURCE	SPILL CAUSE	AREA OF CONTAMINATION IN SQUARE METRES
J	FACTORS AFFECTING SPILL OR RECOVERY	DESCRIBE ANY ASSISTANCE REQUIRED	HAZARDS TO PERSONS, PROPERTY OR ENVIRONMENT
K	ADDITIONAL INFORMATION, COMMENTS, ACTIONS PROPOSED OR TAKEN TO CONTAIN, RECOVER OR DISPOSE OF SPILLED PRODUCT AND CONTAMINATED MATERIALS		

L	REPORTED TO SPILL LINE BY	POSITION	EMPLOYER	LOCATION CALLING FROM	TELEPHONE
M	ANY ALTERNATE CONTACT	POSITION	EMPLOYER	ALTERNATE CONTACT LOCATION	ALTERNATE TELEPHONE

REPORT LINE USE ONLY

N	RECEIVED AT SPILL LINE BY	POSITION STATION OPERATOR	EMPLOYER	LOCATION CALLED YELLOWKNIFE, NT	REPORT LINE NUMBER (867) 920-8130

LEAD AGENCY ☐ EC ☐ CCG ☐ GNWT ☐ GN ☐ ILA ☐ INAC ☐ NEB ☐ TC

SIGNIFICANCE ☐ MINOR ☐ MAJOR ☐ UNKNOWN

FILE STATUS ☐ OPEN ☐ CLOSED

AGENCY	CONTACT NAME	CONTACT TIME	REMARKS
LEAD AGENCY			
FIRST SUPPORT AGENCY			
SECOND SUPPORT AGENCY			
THIRD SUPPORT AGENCY			