

DE BEERS GROUP

April 18, 2018

Angela Love
Regulatory Officer
Mackenzie Valley Land and Water Board
7th Floor – 4922 48th Street
P.O. Box 2130
Yellowknife, NT X1A 2P6

Dear Ms. Love,

Subject: Follow-Up Spill Report – 390 Excavator Fire – Gahcho Kué Mine – March 18, 2019 (GNWT Spill # 2019126)

Incident Summary:

On March 18, 2019, at 16:40, while removing loading coarse processed kimberlite from the rejects conveyor at the process plant, a fire in the engine compartment of a 390 excavator was reported. There was no injury to the operator. The fire was immediately extinguished by the onsite Emergency Response Team and scene secured for the investigation into cause. It is not expected that a spill in excess of reportable volume occurred due to the nature and location of the fire (engine compartment).

An NT-NU Spill Report was completed and submitted on the online ENR Website and submitted via email to the NWT Spills Hotline (spills@gov.nt.ca) at 12:52 on March 21, 2019.

Root Cause Analysis:

The source of the ignition is a suspected hydraulic pilot circuit hose that failed spraying atomized hydraulic fluid onto an exposed wire (ignition source). The wire was powering a 24v heated mirror mounted on the left front corner of the operator's cab. It is believed the outer insulation on the wire became compromised. The installation for the heated mirrors was a non-factory install and completed off-Site through the Komatsu dealer prior to arrival on Site in 2013.

Corrective Actions:

As a precaution, the surface material which the excavator was working around has been scraped and removed for placement into the Type 3 zone within the South Mine Rock Pile.

De Beers Canada inc.

1601 Airport Road NE Suite 300 Calgary Alberta T2E 6Z8
Tel + 1 403 930 0991 | www.debeersgroup.com/canada | info.canada@debeersgroup.com
Incorporated in Canada | Registration number 889569596

A member of the Anglo American plc group

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Should you have any questions or concerns, please do not hesitate to contact the undersigned at your convenience.

Sincerely,



Allan Knight
Environmental Coordinator / Gahcho Kué Mine
416.645.1695 (x6621)
allan.knight@debeersgroup.com

Attachments: 1. Location of Spill;
2. NT-NU Spill Report;
3. Photos;

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Location of Spill -12 V 590667 7036083

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: 03 18 19	Report Time: 4:40 pm	<input checked="" type="checkbox"/> Original Spill Report OR <input type="checkbox"/> Update # _____ to the Original Spill Report		Report Number: 2019126
	Occurrence Date: 03 21 19	Occurrence Time: 12:30 pm			
C	Land Use Permit Number (if applicable): MV2005C0032		Water Licence Number (if applicable): MV2005L2-0015		
D	Geographic Place Name or Distance and Direction from the Named Location: De Beers Canada Gahcho Kue Mine (Kennady Lake, NT)		Region: <input checked="" type="checkbox"/> NT <input type="checkbox"/> Nunavut <input type="checkbox"/> Adjacent Jurisdiction or Ocean		
E	Latitude: _____ Degrees _____ 26 Minutes _____ 30 Seconds		Longitude: _____ Degrees _____ 10 Minutes _____ 56 Seconds		
F	Responsible Party or Vessel Name: De Beers Canada		Responsible Party Address or Office Location: Suite 300 - 1601 Airport Road NE Calgary, Alberta, Canada T2E 6X8		
G	Any Contractor Involved:		Contractor Address or Office Location:		
H	Product Spilled: <input checked="" type="checkbox"/> Potential Spill Diesel & Hydraulic Fluid	Quantity in Litres, Kilograms or Cubic Metres: estimated <100L	U.N. Number:		
I	Spill Source: 390 Excavator	Spill Cause: Fire	Area of Contamination in Square Metres: 30		
J	Factors Affecting Spill or Recovery: None	Describe Any Assistance Required: None	Hazards to Persons, Property or Environment: None		
K	Additional Information, Comments, Actions Proposed or Taken to Contain, Recover or Dispose of Spilled Product and Contaminated Materials: On March 18, 2019, at 16:40, while removing loading coarse processed kimberlite from the rejects shoot at the process plant, a fire in the engine compartment of a 390 excavator was reported. There was no injury to the operator. The fire was immediately extinguished by the onsite Emergency Response Team and scene secured for the investigation into cause. It is not expected that a spill in excess of reportable volume occurred due to the nature and location of the fire (engine compartment). As a precaution, the surface material which the excavator was working around has been scraped and removed for placement into the Type 3 zone within the South Mine Rock Pile. The excavator has been secured for investigation purposes and will remain in stasis until released in cooperation with the authority having Jurisdiction. This spill report has been submitted after communication and in agreement with the GNWT Land Use Inspector.				
L	Reported to Spill Line by: Allan Knight	Position: Env. Coordinator	Employer: De Beers Canada	Location Calling From: Gahcho Kue Mine	Telephone: (416) 645-1695
M	Any Alternate Contact: Ryan Marshall	Position: Env. Coordinator	Employer: De Beers Canada	Alternate Contact Location: Gahcho Kue Mine	Alternate Telephone: (416) 645-1695

REPORT LINE USE ONLY

N	Received at Spill Line by:	Position:	Employer:	Location Called:	Report Line Number:
Lead Agency: <input type="checkbox"/> EC <input type="checkbox"/> CCG/TCMSS <input type="checkbox"/> GNWT <input type="checkbox"/> GN <input type="checkbox"/> ILA		Significance: <input type="checkbox"/> Minor		File Status: <input type="checkbox"/> Open	
<input type="checkbox"/> AANDC <input type="checkbox"/> NEB <input type="checkbox"/> Other: _____		<input type="checkbox"/> Major <input type="checkbox"/> Unknown		<input type="checkbox"/> Closed	
Agency:	Contact Name:	Contact Time:	Remarks:		
Lead Agency:					
First Support Agency:					
Second Support Agency:					
Third Support Agency:					

NT-NU Spill Report

PHOTOS

