



ARCTIC CANADIAN  
DIAMOND COMPANY

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# IEEMA Annual General Meeting

Ekati Diamond Mine Update

NOVEMBER 18, 2021



# Agenda

- Ekati Team
- Year in Review
- Ekati Update
- Next Steps for Ekati
- Upcoming Submissions
- Discussion/Questions

# The Ekati Team

## Personnel Updates

### **Management Team Update**

- Rory Moore - President
- Gary Eyres – General Manager, Operations
- Kristal Kaye - Chief Financial Officer
- Sheila Chernys – Head of Health, Safety, Security, Environment & Communities
- Rebecca Watson – Director Human Resources and Corporate Communications
- Charlene Lees – Head of Supply Chain, Logistics, and IT
- Jon Carlson – Head of Exploration & Project Development

### **Updates to Environment and Permitting Teams**

- Kendra McGreish – Regulatory Advisor
- Madison Jerhoff – Fisheries and Aquatics Advisor
- Tommy Thorsteinsson – Wildlife Advisor
- Todd Swenson – Senior Advisor Environmental Operations

# Year in Review

## 2021 Milestones

- Ekati returned to full operations in January 2021 while the sale of the mine was in progress
- Sale from Dominion Diamond Mines ULC to Arctic Canadian Diamond Company Ltd. completed on Feb. 3, 2021
  - All regulatory authorizations including the Water Licence, LUPs, and Environmental Agreement assigned to Arctic
- On May 28<sup>th</sup>, Arctic applied for a Water Licence amendment and two LUPs for the Point Lake Project
- On June 3<sup>rd</sup> the Ekati Water Licence (W2020L2-0004) was renewed, now expiring Oct. 18, 2023
- On October 19<sup>th</sup>, the WLWB issued the Point Lake Early Works LUP
- Construction of the Point Lake Access Road commenced on Oct. 31, 2021



# Operational Update

## Current Mining Operations

### Pigeon Pit

- Currently mining from the 330 and 320 bench levels
- Production scheduled to end in March 2022

### Sable Pit

- Currently mining waste, kimberlite will be mined from the 398 bench level later this month
- DPRTs hauling Sable kimberlite from the Sable stockpile to the Process Plant
- Production currently scheduled into 2024

### Misery Underground (MUG)

- Decline development is approaching the 2025 level (5<sup>th</sup> of 7 UG levels)
- Active production on the 2100 and 2075 levels
- Mudwizard (mine water mud extraction system) working well
- Production scheduled to end in Feb 2024 under current plan





# Important Next Steps for Ekati

## Point Lake Project

- Access road construction nearly complete, Utility Pad could be constructed this year as well
- Public Hearing from Nov 23-26
- Board Decision anticipated in March 2022
- Fish out/dewatering scheduled for summer/fall

## Underwater Remote Mining

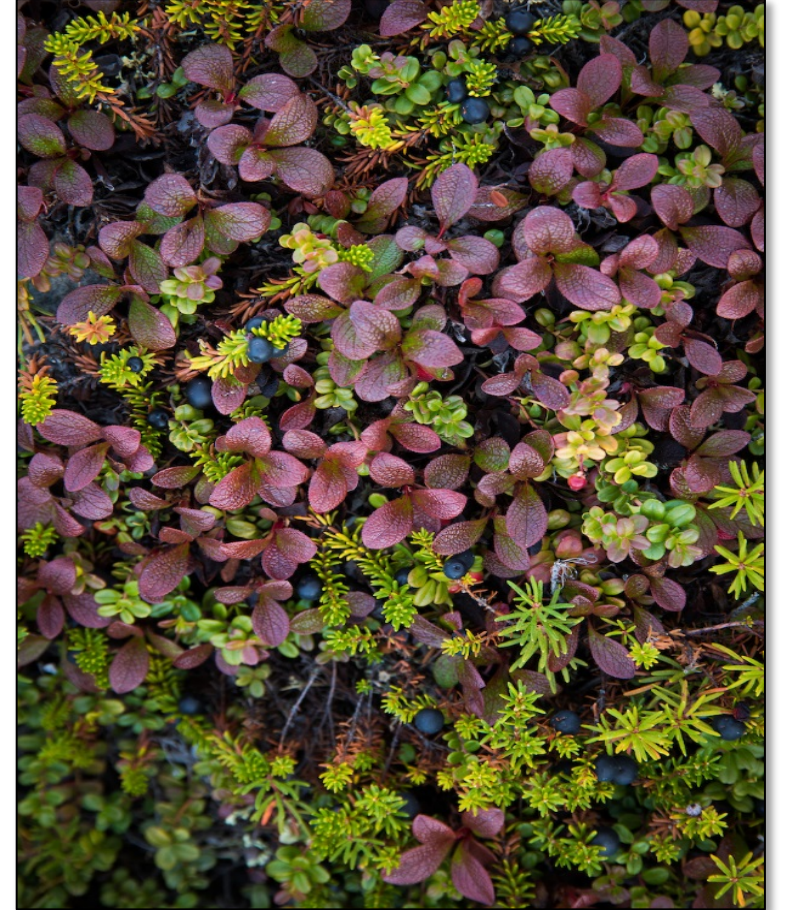
- Further engagement will begin in the new year
- Arctic will explore necessary permitting steps to facilitate a trial of the technology in Lynx Pit

## Water Licence Renewal

- Licence set to expire in Oct 2023, preparation and pre-engagement will begin in 2022

## WEMP Review

- Review of WEMP to lay out onsite monitoring for the next 5 years (done in conjunction with WL renewal)



# Major Submissions 2022

## Q1

- 2021 AEMP Annual Report – March 31, 2022
- 2021 Wildlife Effects Monitoring Program (March 2022)
- Lynx WRSA Land Use Permit Renewal application (expires June 4<sup>th</sup>)

## Q2

- Environmental Agreement and Water Licence Annual Report 2021 (April 2022)
- 2021 Seepage Report (April 2022)
- 2021 Air Quality Monitoring Report (April 2022)
- 2021 Wildlife Effects Monitoring Program (April 2022)
- Culture Camp Land Use Permit 2-year extension request (expires June 22<sup>nd</sup>)

## Q3

- ICRP Version 3.1 (July 31, 2022)
- Action level exceedances for under ice due (July 31, 2022)
- WRSA Design Report and WROMP update (August 2022)
- WL Renewal application (expires Oct 2023, timing of application submission TBD)

## Q4

- 2022 Geotechnical Inspection Report (October 2022)
- Action level exceedances for open water (October 31, 2022)
- Submission of WEMP Review and Update
- 2022 Annual Closure and Reclamation Progress Report (December 2022)



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