

GAHCHO KUÉ MINE UPDATE

Ni Hadi Xa

January 23 & 24 2018



2017: YEAR 2 OPERATIONS UPDATE

- Construction 2 years completed (2014-2016)
- De-watering completed (18.65 Mm³/year)
- Downstream flow mitigation initiated in 2017
- Operations Year 1 completed
- AN Building completed
- Dyke construction continues
- Mining in 5034 pit continues ~ 80m deep
- Pre-stripping of Hearne Pit scheduled for 2018
- Annual discharge WMP to N11 (3.45 Mm³/year)
 - Year 2 discharge will resume in late spring or late summer



2018: UPCOMING SITE ACTIVITIES

- Construction of the Landfarm
- Shift to storing AN in bulk
- Dyke construction continues (Dyke B, D, E etc.)
- Mining in 5034 pit continues
- Pre-stripping of Hearne Pit
- Annual discharge WMP to N11 (3.45 Mm³/year)
 - Year 2 discharge will resume in late spring or late summer
- Continued downstream flow mitigation
- Continued environmental monitoring



REGULATORY SUBMISSIONS

In Process

- ICRP Criteria
 - Review Completed, awaiting decision
- Waste Management Plan V5.3 (approved)
- AEMP low action level response plan arctic grayling
 - Review comments due January 23
 - Proponent response due January 30

Upcoming

- Land Use Permit for Exploration
- Water Licence amendment application:
 - Environmental Screening
 - Updated Project Description
 - EQC Evaluation Report
 - Updated Management Plans



WATER LICENCE AMENDMENT/ 2018 UPDATED MINE PLAN

- Planned case (65 Mt); Worst case (100 Mt) of additional mine rock
- Larger west mine rock pile
- Minor increase in Project footprint
- Adjustments to PK placement schedule and tonnage
- Construction of the A2 North perimeter berm at the Fine PK Facility (see L.U.P. amendment #2)
- Adjustments to planned discharge
 - Discharge from Water Management Pond to N11 in Year 4
 - Discharge from Area 7 to Area 8 periodically
- Additional mining equipment
- Additional camp occupancy
 - Increased annual camp water intake
- 7 months longer life of mine

Closure

- Longer to refill Kennady Lake at Closure (19+ years)
- Watercourse required for closure to allow the runoff water from Watershed D flow into Areas 3/5



REGULATORY PATHWAY

- W.L./L.U.P. Amendment application anticipated to include:
 - Application form, Fee, Site Plan, Confirmation of involvement of affected Parties
 - Updated Project Description 2018
 - West Mine Rock Pile Construction Management Plan and Detailed Design V.1
 - Operational Water Management Plan V.5
 - Processed Kimberlite and Mine Rock Management Plan V.6
 - Environmental Screening Report
 - EQC Evaluation Report
 - Record of Engagement
- De Beers will submit an updated Off-setting plan to DFO

