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Lupin Mine Construction Summary Reports 2AM-LUP2032

Okonkwo, Vincent <vincent.okonkwo@rcaanc-cirnac.gc.ca>

Wed, Jun 29, 2022 at 1:54 PM

To: Richard Dwyer <richard.dwyer@nwb-oen.ca>

Cc: Sergey Kuflevskiy <sergey.kuflevskiy@nwb-oen.ca>, "Keim, Andrew" <andrew.keim@rcaanc-cirnac.gc.ca>

Hello Richard,

The three items were one of the documents LMI provided to CIRNAC during the review of LMI's 2021 Request for Reclamation Security Release.

CIRNAC reviewed and provided LMI with the following comments on March 29, 2022:

- 2021 Construction Summary Report – Cell 3 – Rev.2
 - **CIRNAC Comment:** Fraction of the esker cover in cell 3 has not been installed to the 1 m thickness cover as specified in the Final Closure and Reclamation Plan (FCRP), and the construction of the surface water outflows are of concern given the amount of fine grained soils present from the review of the photographs in the report.
- 2021 Construction Summary Report – Cell 5 – Rev.2
 - **CIRNAC Comment:** Fraction of the esker cover in cell 3 has not been installed to the 1 m thickness cover as specified in the Final Closure and Reclamation Plan (FCRP), and the construction of the surface water outflows are of concern given the amount of fine grained soils present from the review of the photographs in the report.
- 2021 Construction Summary Report – K Dam Reinforcement – Rev. 2
 - **CIRNAC Comment:** The K-Dam repair may be subject to erosion due to the construction method and materials used. For instance, the embankment was compacted with bucket instead of roller which might expose the embankment to erosion. CIRNAC recommended review of the embankment after the 2022 freshet.

Do not hesitate to reach out should you need further clarifications.

Best Regards,

Vincent

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