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RE: NPC File # 151118 [Evaluation of the Deep Geothermal Potential of Baker Lake, Nunavut, Canada]

The following works and activities have been proposed in the above-noted project proposal:

1. **Primary land use(s):** Scientific Research
2. **Project description:** Undertake the study of local geology, including characterizing thermophysical properties of rock samples, assessing theoretical geothermal potential, developing numerical models, and analyzing the life-cycle cost of the geothermal system within a limited area surrounding Baker Lake.
3. **Summary of modifications:** The project has been updated to take place in Iqaluit with operations scheduled from July 23 to August 8, 2026. The team now includes four members, and the required permits remain unchanged. Fieldwork will involve a slight increase in person-days, while water use and waste generation will remain consistent with the original plan.
4. **Associated NPC File Nos.:** 150196; **Associated NIRB File No.:** 24YN010
5. **Location:** Qikiqtani Region; [near the city of Iqaluit]

A complete description of the project proposal reviewed by the NPC can be accessed online using the link below.

The Nunavut Planning Commission (NPC) has determined that this project proposal is outside the area of an applicable regional land use plan. The Nunavut Impact Review Board (NIRB) previously screened the works and activities associated with the current proposal, including geological studies near Baker Lake (NIRB File No. 24YN010).

The NPC has determined that the above-noted project proposal is a significant modification to the project because of the change of the project area to the City of Iqaluit.

The above-noted project proposal requires screening by the NIRB under section 12.4.3 of the *Nunavut Agreement* as amended because it is for a component or activity that was not part of the original or previously amended proposal and its inclusion is a significant modification of the project. By way of this letter, the NPC is forwarding the project proposal with this determination to the NIRB for screening. Project materials are available at the following address:

<https://lupit.nunavut.ca/portal/registry/registry.aspx?appid=151118>

This decision applies only to the above noted project proposal as submitted. Proponents may not carry out projects and regulatory authorities may not issue licenses, permits and other authorizations in respect of projects if a review by the NPC is required.

If you have any questions, please do not hesitate to contact me at (867) 447-4563.

Sincerely,

A handwritten signature in blue ink, appearing to read 'SA', with a horizontal line extending from the end of the 'A'.

Solomon Amuno, PhD
Senior Planner
Nunavut Planning Commission

Jurisdictional Note:

This conformity determination applies only to the components of the proposed project located within the Nunavut Settlement Area and under the Nunavut Planning Commission's statutory jurisdiction as defined in the Nunavut Agreement and the Nunavut Planning and Project Assessment Act (NuPPAA). Activities outside the NPC's jurisdiction remain subject to the review and regulatory processes of the relevant authorities. Proponents are responsible for identifying, contacting, and obtaining all required approvals from the appropriate regulators in every applicable jurisdiction to ensure compliance with all legislation, policies, and licensing requirements.