



NIRB File No.: 11EN033 INAC File No.: N2011C0004

June 13, 2011

Alexander Po Guyana Precious Metals Inc. Suite 1201-141 Adelaide St. W Toronto, ON, M5H 3L5

Via email: apo@guygold.com

Re: Notice of Part 4 Screening for Guyana Precious Metals Inc.'s "Dismal Lakes" **Project Proposal**

Dear Alexander Po:

On May 28, 2011, the Nunavut Impact Review Board (NIRB or Board) received Guyana Precious Metal's "Dismal Lakes" project proposal from Indian and Northern Affairs Canada (INAC). The NIRB has assigned this project proposal file number 11EN033 - please reference this file number in related future correspondence.

The proposed project is located approximately 80 kilometres (km) south west of the community of Kugluktuk in the Kitikmeot Region. The objective of the proposed project is to conduct early stage exploration for copper, gold, nickel, platinum group metals, and diamonds in the area near The program is proposed to take place from spring/summer 2011 to the Dismal Lakes. spring/summer 2013.

The proposed project activities would include:

- Prospecting, geological mapping, sampling, aerial and ground geophysical surveys;
- Exploration drilling (diamond drilling);
- Helicopter supported drill program, including transportation of field crew to drill sites;
- Temporary tent camp facilities for a maximum of twenty four (24) people near Hope
- Transporting supplies, equipment, fuel and personnel to and from the camp site using a fixed-wing aircraft and an existing airstrip near Hope Lake;
- Fuel and chemical storage at camp site (80,000 litres diesel, 80,000 litres aviation fuel, 2,000 litres gasoline, 6,000 pounds propane, and 1,000 kilograms calcium chloride);
- Temporary storage of other chemicals and hazardous materials on site;
- Water use for drilling purposes and camp activities;
- Disposal of sewage, greywater and waste generated from camp operations;
- Incineration of combustible waste; and
- Removal of non-combustible and hazardous waste to an approved disposal facility.

All documents received and pertaining to this project proposal (NIRB File No. 11EN033) can be obtained from the NIRB's ftp site at

http://ftp.nirb.ca/01-SCREENINGS/ACTIVE%20SCREENINGS/including:

- NIRB Part 1 Form (English)
- NIRB Part 2 Project Specific Information Requirements Form (English)
- Project Description Report (English)*
- *INAC Land Use Permit Application (English)*
- Maps
- Contingency Plan
- Material Safety Data Sheets
- Abandonment and Restoration Plan

*Please submit a brief Non-technical Project Proposal Summary in Inuinnaqtun to the NIRB as soon as possible.

Pursuant to Article 12, Part 4 of the Nunavut Land Claims Agreement (NLCA), the NIRB shall proceed to screen this project proposal. The NIRB may request additional information at any time during the process. The NIRB will copy you on screening process related correspondence and upload related documents to the above ftp site for public access.

Be advised that the NIRB is copying parties and municipalities potentially affected by your project proposal. Interested parties are encouraged to comment directly to the NIRB by **June 23**, **2011**.

The NIRB would like parties to provide comments regarding:

- Whether the project proposal is likely to arouse significant public concern; and if so, why;
- Whether the project proposal is likely to cause significant adverse eco-systemic and socio-economic effects; and if so, why;
- Whether the project is of a type where the potential adverse effects are highly predictable and mitigable with known technology, (please provide any recommended mitigation measures); and
- Any matter of importance to the Party related to the project proposal.

Please note that proposed project-specific terms and conditions, should the project proceed, have been attached for consideration and comment (**Appendix A**).

Please send your comments to the NIRB at info@nirb.ca or via fax at (867) 983-2594.

If you have any questions or concerns, feel free to contact me directly at (867) 983-4609 or kboa-antwi@nirb.ca.

Sincerely,

Kofi Boa-Antwi, M.Sc. Assistant Technical Advisor Nunavut Impact Review Board

cc: Distribution List

Jeff Mercer, Indian and Northern Affairs Canada (jeff.mercer@inac-ainc.gc.ca; landsmining@inac-ainc.gc.ca)
Tracey McCaie, Indian and Northern Affairs Canada (<u>Tracey.McCaie@inac-ainc.gc.ca</u>)
Phyllis Beaulieu, Nunavut Water Board (<u>licensing@nunavutwaterboard.org</u>)
Stanley Anablak, Kitikmeot Inuit Association (<u>sanablak@qiniq.com</u>)

Enclosed: Comment Forms (English, Inuinnaqtun and Inuktitut)

Appendix A

Proposed Project Specific Terms and Conditions

The following is a list of project-specific terms and conditions which, should the project proceed, may be recommended to be attached to any approval.

General

- 1. Guyana Precious Metals Inc. (the Proponent) shall maintain a copy of the Project Terms and Conditions at the site of operation at all times.
- 2. The Proponent shall forward copies of all permits obtained and required for this project to the Nunavut Impact Review Board (NIRB) prior to the commencement of the project.
- 3. The Proponent shall operate in accordance with all commitments stated in correspondence provided to NIRB (NIRB Part 1 & Part 2 Forms, March 31, 2011) and to Indian and Northern Affairs Canada (Land Use Permit Application, March 31, 2011).
- 4. The Proponent shall operate the site in accordance with all applicable Acts, Regulations and Guidelines.

Water Use

- 5. The Proponent shall not extract water from any fish-bearing water body unless the water intake hose is equipped with a screen of appropriate mesh size to ensure that there is no entrapment of fish. Small lakes or streams should not be used for water withdrawal unless approved by the Nunavut Water Board.
- 6. The Proponent shall not use water, including constructing or disturbing any stream, lakebed or the banks of any definable water course unless approved by the Nunavut Water Board.

Waste Disposal/Incineration

- 7. The Proponent shall incinerate all combustible wastes daily, and remove the ash from incineration activities and non-combustible wastes from the project site to an approved facility for disposal.
- 8. The Proponent shall ensure that the incineration of combustible camp wastes comply with the *Canada-wide Standards for Dioxins and Furans*, and the *Canada-wide Standards for Mercury*.
- 9. The Proponent shall keep all garbage and debris in bags placed in a covered metal container or equivalent until disposed of at an approved facility. All such wastes shall be kept inaccessible to wildlife at all times.
- 10. The Proponent shall ensure that no waste oil/grease is incinerated on site.
- 11. The Proponent shall ensure that an export manifest or the appropriate transportation of dangerous goods documentation accompany all potential hazardous samples and/or materials that are transported off site.

Fuel and Chemical Storage

- 12. The Proponent shall ensure that storage of fuel and hazardous materials and re-fuelling of project equipment is conducted at a minimum of thirty-one (31) metres away from the high water mark of any water body and in such a manner as to prevent their release into the environment.
- 13. The Proponent shall store all fuel and chemicals in such a manner that they are inaccessible to wildlife.

- 14. The Proponent shall use adequate secondary containment or a surface liner (e.g. self-supporting insta-berms and fold-a-tanks) at all refuelling stations. Appropriate spill response equipment and clean-up materials (e.g., shovels, pumps, barrels, drip pans, and absorbents) must be readily available during any transfer of fuel or hazardous substances, as well as at vehicle-maintenance areas.
- 15. The Proponent shall inspect and document the condition of all large fuel tanks and fuel caches immediately upon delivery and thereafter on a weekly basis. All fuel and chemical storage containers must be clearly marked with the Proponent's name and fuel caches flagged so they remain visible in the winter months.
- 16. The Proponent shall remove and treat hydrocarbon contaminated soils on site or transport them to an approved disposal site for treatment.
- 17. The Proponent shall ensure that all personnel are properly trained in fuel and hazardous waste handling procedures, as well as in spill response procedures. All spills of fuel or other deleterious materials of any amount must be reported immediately to the 24 hour Spill Line at (867) 920-8130.

Wildlife - General

- 18. The Proponent shall ensure that there is no damage to wildlife habitat in conducting this operation.
- 19. The Proponent shall take all possible measures to avoid wildlife encounters. Any problem wildlife should be reported immediately to the Government of Nunavut, Department of Environment.
- 20. The Proponent shall not harass wildlife. This includes persistently worrying or chasing animals, or disturbing large groups of animals. The Proponent shall not hunt or fish, unless proper Nunavut authorizations have been acquired.
- 21. The Proponent shall ensure that all project personnel are made aware of the measures to protect wildlife and are provided with training and/or advice on how to implement these measures.

Migratory Birds and Raptors Disturbance

- 22. The Proponent shall not disturb or destroy the nests or eggs of any birds. If nests are encountered and/or identified, the Proponent shall take precaution to avoid further interaction and or disturbance (e.g., a 100 metre buffer around the nests). If active nests of any birds are discovered (i.e. with eggs or young), the Proponent shall avoid these areas until nesting is complete and the young have left the nest.
- 23. The Proponent shall ensure that aircraft maintain a vertical distance of 1000 metres and a horizontal distance of 1500 metres from any observed groups (colonies) of migratory birds. Aircraft should avoid critical and sensitive wildlife areas at all times by choosing alternate flight corridors.
- 24. The Proponent shall advise all pilots of relevant flight restrictions and enforce their application over the project area, including flight paths to/from the project area.

Caribou and Muskoxen Disturbance

25. If caribou cows are observed calving or are accompanied by caribou calves within the project area, the Proponent must suspend all drilling operations until the caribou and their calves have moved 1 km away from project area.

- 26. The Proponent shall cease activities that may interfere with migration or calving of caribou or muskox, until the caribou or muskox have passed or left the area.
- 27. When caribou are within 1 km of any project activities, the Proponent shall suspend aircraft take-offs and landings, over-flights of aircraft with an altitude of less than 610 metres above ground level and operation of ATVs and snowmobiles and any other ground based or water based mobile equipment.
- 28. The Proponent shall be expressly prohibited from conducting any low-level flights over herds of caribou, and shall ensure that all flight personnel associated with the project are aware of this condition.
- 29. During migration of caribou, the Proponent shall not block or cause any diversion to caribou migration, and shall cease activities likely to interfere with migration such as airborne geophysics surveys or movement of equipment or personnel until such time as the caribou have passed.
- 30. The Proponent shall not construct or operate any camp, cache any fuel or conduct blasting within 10 kilometres, or conduct any drilling operation within 5 kilometres, of any paths or crossings known to be frequented by caribou.

Ground Disturbance

- 31. The Proponent shall not move any equipment or vehicles unless the ground surface is in a state capable of fully supporting the equipment or vehicles without rutting or gouging. Overland travel of equipment or vehicles must be suspended if rutting occurs.
- 32. The Proponent shall implement suitable erosion and sediment suppression measures on disturbed areas before, during and after construction and operation in order to prevent sediment from entering any water body.

Drilling on Land

- 33. The Proponent shall not conduct any land based drilling or mechanized clearing within thirty-one (31) metres of the normal high water mark of a water body unless approved by the Nunavut Water Board.
- 34. If an artesian flow is encountered, the Proponent shall ensure the drill hole is immediately plugged and permanently sealed.
- 35. The Proponent shall ensure that all drill areas are constructed to facilitate minimizing the environmental footprint of the project area. Drill areas should be kept orderly with garbage removed daily to an approved disposal site.
- 36. The Proponent shall ensure that all sump/depression capacities are sufficient to accommodate the volume of waste water and any fines that are produced. The sumps shall only be used for inert drilling fluids, and not for any other materials or substances.
- 37. The Proponent shall not locate any sump within thirty-one (31) metres of the normal high water mark of any water body without approval of the Nunavut Water Board. Sumps and areas designated for waste disposal shall be sufficiently bermed or otherwise contained to ensure that substances to do not enter a waterway unless otherwise authorized.
- 38. The Proponent shall ensure all drill holes are backfilled or capped prior to the end of each field season. The Proponent shall ensure that all sumps are backfilled and restored to original and/or stable profile prior to the end of each field season.
- 39. The Proponent should assess alternatives (including biodegradable and non-toxic) to drill additives prior to the use of calcium chloride, as these salts in high concentrations are

harmful to the environment. If calcium chloride is to be used, the Proponent should ensure that return water is contained in a properly constructed sump. The Proponent should not rely on permafrost integrity to contain and isolate drilling waste.

Temporary Camps

40. The Proponent shall ensure that all camps are located on gravel, sand or other durable land.

Restoration of Disturbed Areas

41. The Proponent shall ensure that all disturbed areas are restored to a stable or pre-disturbed state as practical as possible upon completion of field work.

Other

- 42. The Proponent shall ensure that the land use area is kept clean and tidy at all times.
- 43. The Proponent should, to the extent possible, hire local people and to consult with local residents regarding their activities in the region.