

**Water licence applications for the Hope Bay Phase 2 Project
Renewal/amendment #2 for 2AM-DOH1323 and new licence for 2AM-BOS----**

**NUNAVUT WATER BOARD TECHNICAL MEETING
Cambridge Bay, May 14-15, 2018**

The Hope Bay Project is in a greenstone belt approximately 80 km long bordering on Robert's Bay on Coronation Gulf in the Kitikmeot region of Nunavut. It is approximately 150 km southwest of Cambridge Bay. TMAC Resources Ltd. currently has an operating gold mine at Doris North, situated at the north end of the belt, which is referred to as Phase 1 of the project. The applications under consideration are Phase 2 and consist of plans for operating gold mines at Madrid North, Madrid South and Boston, approximately 9, 10 and 60 km south of Doris North respectively. Though two separate water licence applications were submitted at the request of the NWB, the project plan is integrated and all mines make use of common infrastructure.

Indigenous and Northern Affairs Canada did a technical review of the applications and submitted comments with associated information requests and recommendations. TMAC Resources Ltd. responded to these comments and we are attending the Nunavut Water Board's technical meeting for in person discussion of the topics raised. These can be divided into five categories:

- 1) **Site water management:** We had two questions regarding the camp size and amount of water to be used. Three comments were made regarding the transport of saline minewater, which is to occur principally in pipelines. Additional comments pertained to the industrial water treatment plants for treating process water from the mill, the design of water containment structures and the validation of a numerical model used to estimate water flows and quality.
- 2) **Tailings management:** Three comments were made regarding the tailings and waste rock that will be placed in the underground mines. The other two comments pertained to the post-closure performance of the Doris tailings impoundment area and the Boston tailings management area.
- 3) **Waste management:** A single question was asked regarding the timing of landfill construction to understand how the proponent would manage their non-hazardous waste.
- 4) **Closure & reclamation:** We requested further information on requirements for the closure plan, as well as on effects of climate change on closed site in the long term
- 5) **Additional components:** Additional concerns included the number of water licences in the Hope Bay Belt, to make sure there is no overlap or project splitting. We also requested some changes to the Aquatic Effects Monitoring Plan. The last topic discussed was the reclamation cost estimate, which is used to set security under the water licence.

The department is confident that concerns brought forward can and will be addressed by TMAC Resources Ltd. to the satisfaction of the department before a Public Hearing.