

Executive Summary

The Hope Bay Project (the Project) is an approximately 20 km × 80 km property along the south shore of Melville Sound in Nunavut, Canada. The Project is TMAC Resources Inc.'s (TMAC) prime holding and is its sole focus for exploration, development, and mining. This report to the Nunavut Impact Review Board (NIRB) has been prepared to summarize the Project activities and monitoring conducted under TMAC existing Project Certificate No. 003 for the Doris Project.

In 2019 commercial operations continued at Doris with continued efforts to progressively ramp up production to increase ore throughput and optimize gold recovery.

Civil construction activities included the completion of construction of the Roberts Bay Discharge System (RBDS) and installation of the associated underground mine dewatering and Tailings Impoundment Area (TIA) discharge pipelines and pumping infrastructure. The RBDS facilitates dewatering of the Doris mine and removal of excess water from the TIA to Roberts Bay. The ocean discharge pipeline were successfully installed into Roberts Bay during the open water season. As part of this system, a Water Treatment Plant was constructed to remove Total Suspended Solids from underground mine water at Doris prior to discharge through the RBDS. No discharge occurred to Roberts Bay in 2019. At the Doris site one dorm was added to allow an additional 48 bed spaces and at Roberts Bay and an additional 5 million litre fuel tank was constructed at the Fuel Storage and Containment facility.

Earthworks began at the Madrid North site to support the commencement of mining of the Naartok East Crown Pillar and Madrid North underground decline. This included construction of the first kilometre of the Madrid North all-weather-road, the Madrid North Contact Water Pond, and construction of the Madrid North Waste Rock storage pad. Laydown space and access roads were constructed to support shop facilities, lunchroom/offices and wash car facilities. An overburden stockpile was established to store overburden removed during mining of the Naartok East Crown Pillar.

In the fall, TMAC concluded another successful sealift operation including the purchase and delivery of diesel fuel as well as supplies to support mining and milling activities. The sealift also included additional heavy equipment and supplies to support mining and construction operations.

Consultations in 2019 included two workshops with the Inuit Environmental Advisory Committee (IEAC). The focus of these meetings were to advance the Fisheries No Net Loss Plan and work through viable options for caribou monitoring in relation to the Madrid-Boston Project. The workshops were successful at communicating objectives and gaining and documenting perspectives from the IEAC on potential fisheries and caribou monitoring programs. TMAC also initiated a capacity building program for Inuit Environmental Assistants working at Hope Bay. The program was successful in documenting skills learned during the field season and promoting regular coaching sessions for information exchange, with the overall objective of building a larger and sustainable Inuit environmental workforce.

In 2019, TMAC continued to operate in compliance with its existing Project Certificate No.003 and No. 009, Water Licences, Framework Agreement, and other obligations and authorizations. Water use in 2019 was below approved limits, with the vast majority of industrial water recycled from the reclaim pond of the Tailings Impoundment Area, greatly reducing the amount of fresh water drawn from Doris Lake.

TMAC continued the collection of monitoring and baseline data for the Project during 2019. Baseline data and impact predictions are provided in the respective environmental impacts statements and data

continues to be collected in construction and operations. From both a biophysical and socio-economic environment perspective, monitoring results in 2019 continue to show impact predictions remain valid, there have been no significant adverse effect observed on Valued Components from the Project, and mitigation measures are continuing to prove successful. TMAC is pleased to provide the necessary information under this cover that supports our compliance to Project Certificate No. 003 and 009 and look forward to maintaining and growing positive relationships within the Kitikmeot Region.



IEAC June 28, 2019 Meeting Attendees.