

# Madrid-Boston Final Environmental Impact Statement - Summary

<b>Project Overview</b>	<p>The Hope Bay Project encompasses all exploration and development on the Hope Bay Greenstone Belt. This includes:</p> <ul style="list-style-type: none"> <li>• Approved Phase 1 (Doris Project) currently being carried out under the NIRB Project Certificate No. 003 and the NWB Type A Licence 2AM-DOH1323, and existing exploration activities.</li> <li>• Approved Madrid Advanced Exploration Program 2BB-MAE1727.</li> <li>• Proposed Madrid-Boston (the Project), which includes use of existing Doris facilities and commercial mining at Madrid North, Madrid South, and Boston.</li> </ul>
<b>Location</b>	<p>The Project is located 705 km northeast of Yellowknife and 153 km southwest of Cambridge Bay in Nunavut Territory, and is situated east of Bathurst Inlet.</p>
<b>Construction Phase</b>	<ul style="list-style-type: none"> <li>• Existing infrastructure at Doris, Madrid and Boston will be utilized for the Project construction.</li> <li>• Staged 5-year construction period commencing as early as 2019.</li> </ul>
<b>Operational Phase</b>	<ul style="list-style-type: none"> <li>• Gold mining at Madrid North, Madrid South, and Boston deposits.</li> <li>• Operation of process plants at Doris, Madrid North, and Boston.</li> <li>• Transportation of ore and/or gold concentrate from Madrid North, Madrid South, and Boston for processing at Doris.</li> <li>• Deposition of Doris and Madrid process plant tailings at the existing subaerial Tailings Impoundment Area (TIA) near Doris.</li> <li>• Deposition of tailings generated at Boston at a dry stack Tailings Management Area (TMA) at Boston.</li> <li>• Continued use of the marine outfall in Robert's Bay for effluent from the TIA.</li> <li>• Expected belt-wide production of 21 million tonnes of ore with estimated distribution by mine of 13% from Doris, 60% from Madrid North, 5% from Madrid South, and 24% from Boston.</li> </ul>
<b>Transport and Shipping</b>	<ul style="list-style-type: none"> <li>• Roberts Bay located approximately 5 km north of the Doris Site is the supply point for the Hope Bay Belt.</li> <li>• Use of existing Roberts Bay Jetty and construction and use of a cargo dock and access road at Roberts Bay to support fuel, equipment, and material for construction and operation.</li> <li>• Annual sealift during open water throughout Project life (August through October).</li> <li>• Airstrips will support the fly in-fly out operation from the south and Kitikmeot communities. All-weather road connecting Roberts Bay, Doris, Madrid North, Madrid South, and Boston.</li> <li>• Use of winter roads during construction.</li> <li>• Gold bars flown out to market.</li> </ul>
<b>Assessments</b>	<ul style="list-style-type: none"> <li>• Environmental baseline studies have been conducted since 1993.</li> <li>• Traditional knowledge has been considered and incorporated into the Project design, baseline information, assessment, mitigation and management plans.</li> <li>• Assessments cover the biotic, abiotic, social, economic, and cultural environments.</li> <li>• Extensive ongoing consultation with communities and agencies.</li> <li>• Monitoring during project activities will be used to validate predictions and mitigate potential effects.</li> </ul>
<b>Social and Economic Benefits</b>	<ul style="list-style-type: none"> <li>• The Project has socio-economic benefits for the Kitikmeot region, Nunavummiut and Canada.</li> <li>• Potentially impacted communities include Kugluktuk, Cambridge Bay, Gjoa Haven, Taloyoak, and Kugaaruk.</li> <li>• Royalties, mineral taxes and payments of approximately \$400 million over the life of the Project.</li> <li>• TMAC has a Framework Agreement and IIBA with the Kitikmeot Inuit Association (KIA) to address Hope Bay Project activities over the next 20 years.</li> <li>• Expected construction workforce for the Project is 200 people.</li> <li>• Expected operations workforce for the Project is 650 people.</li> </ul>
<b>Closure and Post-Closure Phase</b>	<ul style="list-style-type: none"> <li>• Closure will ensure that the footprint is both physically and chemically stable in the long term for protection of people and the natural environment.</li> <li>• Post closure environmental monitoring will continue until closure and remediation objectives have been met.</li> </ul>