



Rapid Progress with Environmental Assessment confirms Cape Ray is advancing towards production

Highlights

- **Matador has made significant progress in the latter half of this year regarding Environmental Assessments, specifically in the important areas of First Nation and Stakeholder Consultation.**
 - Meetings held with the two Mi'kmaq First Nation Communities, with positive feedback received from the Chiefs and Band Councils.
 - Public meetings held in Port aux Basques and Isle aux Morts to present the project to the local communities were both very well attended and local support for the project evident.
- **Environmental Baseline studies to satisfy Environmental Impact Statement Guidelines are nearing completion and are expected to be completed early in 2020.**
 - Meetings with officials at the provincial and federal environmental assessment agencies continue to provide positive feedback on the process to date.
- **Project Environmental Impact Statement (EIS) submission date targeted for Q3 2020 with approvals targeted for early 2021.**
- **Initial meetings with Newfoundland and Labrador Hydro (NLH) have identified potential grid connection points and internal studies have been initiated by Newfoundland and Labrador Hydro to determine optimal grid connection points for project power.**
 - Potential to significantly reduce operating costs which will be highlighted in the development study which remains on track to be released during Q1 2020.

Matador Mining Limited (ASX: MZZ, MZZO) ("Matador" or the "Company") is pleased to provide an update regarding the continued progress of the Environmental Assessment ("EA") process for the Cape Ray Gold Project ("Project").

The EA process for the Project made significant progress in the second half of 2019, specifically in the areas of First Nation and Stakeholder Consultation, public participation, regulatory agency consultation, advancement of grid power connection studies and continuation of environmental baseline studies to support the preparation of the Environmental Impact Statement ("EIS") for the Project, which will be submitted in late Q3 2020.

Technical Director Keith Bowes commented:

"The pace at which we have been able to move ahead with our Environmental Assessment for the Cape Ray Gold Project has been very encouraging and initial discussions with elected officials in Newfoundland have garnered significant Project support with the permitting process expected to be completed in a relatively short time frame."

"In parallel with our assessment work we are also pursuing options for grid power connections for a future operation. Newfoundland has an abundance of hydroelectric power (through the new Maritime link) which will benefit the Project as grid connections are in close proximity to the site and power authorities have already expressed a willingness to support the Project."

"Given the current status of the Environmental Assessment, the progress made with the exploration program and our initial assessment work, Matador is on track to potentially become the next major gold producing mine in Newfoundland."

Development Timeline - Way Forward

Matador has continued its efforts to further advance the EA and consultation process through the later part of this year and into 2020. Preparation of the EIS has begun and will continue through 2020, while the remainder of the environmental baseline studies are being completed and consultation efforts continue. Anticipated target for EIS submission is late Q3 2020, with Project permitting to follow once the EA is approved. Table 1 below highlights the major milestones and the targeted timeline to Project construction and production.

TABLE 1: HIGH LEVEL, INDICATIVE ENVIRONMENTAL ASSESSMENT AND DEVELOPMENT TIMELINE

Category of Task / Activity	Task / Activity	2019		2020				2021				2022				2023	
		Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2
Environmental Assessment Process	Meeting with CEAA and Provincial EA representatives																
	First Nation Consultation																
	Other stakeholders																
Technical Studies	Gap analysis																
	Spring Baseline studies																
	Winter baseline studies																
	Predictive Modelling																
	Scoping Study																
	Pre-Feasibility Study																
	Bankable Feasibility Study																
Environmental Assessment & Permitting Process	Complete Federal EA Process and submit EIS																
	Complete Provincial EA Process and submit EIS																
	Respond to supplemental information requests																
	EIS accepted and project approved by CEAA and NL EA																
	Obtain Federal authorizations and Provincial Permits to construct																
Construction	Commence construction																
Production	Commence production & ramp up																

Environmental Assessment – current status

Matador and its principal consultant Environmental Applications Group Inc. (EAG) have continued to advance the EA process and permitting. The work carried out to date on the EA activities include the following:

- Positive initial meetings with both the Qalipu and Miawpukek Mi'kmaq communities listed in the EIS Guidelines
- Positive public information meeting in Port aux Basques and Isle aux Morts
- Continuation of environmental baseline studies
- Positive meetings with provincial and federal EA agency officials
- Advancement of grid power connection studies
- Preparation of EIS has begun and subject matter experts have been retained

Environmental Baseline Surveys completed in 2019 include:

- Fish Community and Habitat
- Avifauna (Birds) including raptors, owls, marsh-birds and ptarmigan

- Habitat and Ecological Land Classification Studies
- Caribou migration and breeding surveys
- Small mammal surveys
- Surface Water Quality and Hydrology
- Groundwater Quality and Hydrogeology
- Geochemistry (ore, development rock and overburden)

Environmental Baseline Surveys planned for 2020 (which will conclude the baseline work) include:

- Caribou (calving, overwintering survey)
- Continuation of Surface and Groundwater Program
- Continuation of Hydrology and Hydrogeology Program
- Atmospheric surveys including Meteorological
- Archaeological and Heritage Values
- Socio-Economic studies

First Nation Consultation

Matador held initial meetings with the Chief and members of Council of the Qalipu Mi'kmaq First Nation Community in Corner Brook in June and the Chief and Council of the Miawpukek Mi'kmaq community in Conne River in October regarding the Project. Further to this, a community open house was held in the Miawpukek community following the meeting with the Chief and Council. This was well attended, and positive feedback was received regarding the Project. Any issues and concerns that were voiced were documented so that they may be addressed in the EA process. As a follow up to these initial meetings the following activities are planned for late 2019 and in 2020:

- Continued consultation with Chief and Council of both communities
- Conduct follow up Open Houses in both communities for all members to disseminate Project information and listen to concerns
- Continued notifications regarding Project status
- Involvement of community members in baseline data collection

Other Stakeholders

Matador held two public information sessions in September in the communities of Port aux Basques and Isle aux Morts, both of which were attended by almost 100 people. Project information was disseminated in the form of posters and a detailed presentation followed by an open Q and A session. Attendees in both sessions were extremely supportive of the Project and any issues or concerns were carefully documented so that they can be addressed as part of the EA process. Matador has also initiated consultation efforts with other Project stakeholders including municipal governments, outfitters, special interest groups and regulatory authorities. As a follow up to these initial meetings the following activities are planned for late 2019 and in 2020. These include:

- Follow up Public information meetings in Port aux Basque and Isle aux Morts
- Meetings with municipal government officials regarding the Project
- Meetings with regulatory officials
- Meetings with Outfitters and special interest groups
- Dissemination of Project information through the Project website and various media
- Continued meetings with EA Committee

IMAGE 1: COMMUNITY MEETING AT ISLE AUX MORTS



Update on Newfoundland and Labrador Hydro

Matador met with officials from Newfoundland and Labrador Hydro ("NLH") on November 1 in St. John's. This meeting was a follow up to initial discussion regarding grid power for the Project. Several options for grid power were discussed in the meeting and NLH has agreed to initiate an internal study to determine the best grid connection point for the Project. It was also confirmed in this meeting that NLH would be responsible for any permitting requirements for the grid connection and potential power line corridor.

About the Company

Matador Mining Limited (ASX: MZZ) is a gold exploration company with tenure covering 80km of continuous strike along the highly prospective, yet largely under-explored Cape Ray Shear in Newfoundland, Canada. Within the package is a 14km zone of drilled strike which hosts a JORC resource of 1.02Moz Au (14.25Mt at 2.2g/t Au) (see Table 2 below) (ASX announcement 30th January 2019). The exploration opportunity at Cape Ray is extensive, with only a small portion of the 80km strike drilled, and high-grade gold occurrences observed along trend. The current drilling program is part of a larger-scale exploration and project development plan that is focused on unlocking the value in this considerable package.

TABLE 2: CAPE RAY GOLD PROJECT, JORC 2012 CLASSIFIED RESOURCE SUMMARY – GOLD RESOURCE ONLY

	Indicated			Inferred			Total		
	Mt	Au (g/t)	Koz (Au)	Mt	Au (g/t)	Koz (Au)	Mt	Au (g/t)	Koz (Au)
Central	7.69	2.7	660	2.03	2.3	150	9.72	2.6	810
Isle Aux Mort	-	-	-	782	2.4	60	0.78	2.4	60
Big Pond	-	-	-	111	5.3	18	0.11	5.3	18
WGH	-	-	-	3,635	1.2	134	3.63	1.2	134
Total	7.69	2.7	660	6.56	1.7	360	14.25	2.2	1.02

Note: reported at 0.5 g/t Au cut-off grade

To learn more about the Company, please visit www.matadormining.com.au, or contact:

Keith Bowes – Executive Director (Technical) +61 8 6117 0478

Adam Kiley – Executive Director (Corporate) +61 8 6117 0478

Reference to previous ASX announcements

In relation to the Mineral Resource estimate previously reported on 30th January 2019, Matador confirms that it is not aware of any new information or data that materially affects the information included in the announcement of 30th January 2019 and that all material assumptions and technical parameters underpinning the Mineral Resource estimate in the announcement of 30th January 2019 continue to apply and have not materially changed.