

17 June 2024

ASX: ENV

DRILLING COMMENCES AT CODA

Enova Mining Ltd (ASX: ENV) is pleased to advise that the CODA project Maiden Drilling Program has commenced.

KEY HIGHLIGHTS

- Reverse circulation (RC) drilling has commenced at CODA North, marking the start of the Maiden Drilling campaign. Much of the CODA tenements is open ground with expanses of agricultural land and owners' consent to drill.
- The CODA rare earth (REE) project, 100% owned by Enova, consists of a combined strategic and dominant land area of 15,334 Ha or 153.3 sq.km of high grade and highly prospective IAC REE tenements situated on the Patos formation, Minas Gerais Brazil.
- The CODA project^{1,2} tenements include extensive historical drilling with continuous geological/mineralised structures that could support a large-scale sized IAC REE system across all tenements.
- The tenements are strategically located nearby well-developed highways, infrastructure, water access, hydro-electric/wind power and proximity to regional centres, 300km north-west of Belo Horizonte in the mining friendly state of Minas Gerais.

OUR OPPORTUNITY

The CODA tenements overlay the Patos geologic formation, with REE enriched Ionic Absorption Clays (IAC). Significant exploration drilling results from the CODA project^{1,2} confirm the potential for REE enriched IAC in the Northern and Southern Coda tenements where drilling has been completed. At CODA North peak rare earth element (REE) assays were **10,666 ppm TREO or 1.06% TREO, 7,943 ppm TREO or 0.80% TREO, 7,218 ppm TREO or 0.72% TREO, 6,985 ppm TREO or 0.70% TREO, 6,459 ppm TREO or 0.65% TREO** providing guidance for a high-grade exploration target at CODA North. Highlights of significant intersection results for an east-west orientated line of historical diamond drilling at CODA North¹ are as follows:

¹ ASX announcement, "World Class Clay hosted rare earth grade uncovered at Coda North", 18 March 2024

² ASX announcement, "Option to acquire potential world class district sized ionic clay rare earth project", 26 Feb.2024

³ ASX announcement, "Maiden Drilling Program to Commence at Coda", 30 April 2024

- o PMC-FD-0023 27.4m @ 3,689ppm TREO, 22.4% NdPr/TREO
- o PMC-FD-0025 8m @ 5,433ppm TREO, 24.6% NdPr/TREO
- o PMC-FD-0026 15.8m @ 4,115ppm TREO, 24.9% NdPr/TREO
- o PMC-FD-0033 19.9m @ 3,008ppm TREO, 23.2% NdPr/TREO
- o PMC-FD-0035 22.3m @ 3,583ppm TREO, 24.3% NdPr/TREO
- o PMC-FD-0038 18.6m @ 4,029ppm TREO, 22.8% NdPr/TREO
- o PMC-FD-0039 9.9m @ 3,310ppm TREO, 23.7% NdPr/TREO
- o PMC-FD-0041 3.8m @ 5,596ppm TREO, 20.2% NdPr/TREO
- o PMC-FD-0046 25.5m @ 3,386ppm TREO, 23.4% NdPr/TREO
- o PMC-FD-0047 10.1m @ 2,945ppm TREO, 23% NdPr/TREO

Highlights of significant historical shallow auger drilling at Coda South² are as follows:

- o 10.5m @ 2,567 ppm TREO incl. 4.5m (6m to EOH2) @ 4,157 ppm TREO
- o 10.0m @ 3,218 ppm TREO incl. 6m (4m to EOH2) @ 3,608 ppm TREO
- o 10.0m @ 2,414 ppm TREO incl. 4m (6m to EOH2) @ 4,401 ppm TREO
- o 11.0m @ 2,840 ppm TREO

The highest assaying drill intercepts at Coda South² were recorded at end of hole:

- o 0.5m @ 5,697 ppm TREO and 1.0m @ 5,078 ppm TREO

All intersections from Coda South start from surface and are open in all directions including depth.

As explained in our prior announcement³, the Phase 1 drilling campaign is anticipated to continue this previous success, by focusing drilling near to these successful holes and extending out to delineate the extent of a potential orebody. Broader spaced scout drilling will also be used to explore undrilled areas in the tenements.

Exploration drilling at CODA is a priority, in recognition of the ease of access and open area for drilling, existing significant results, the number and area, and extent of successful holes that could translate to resource potential.

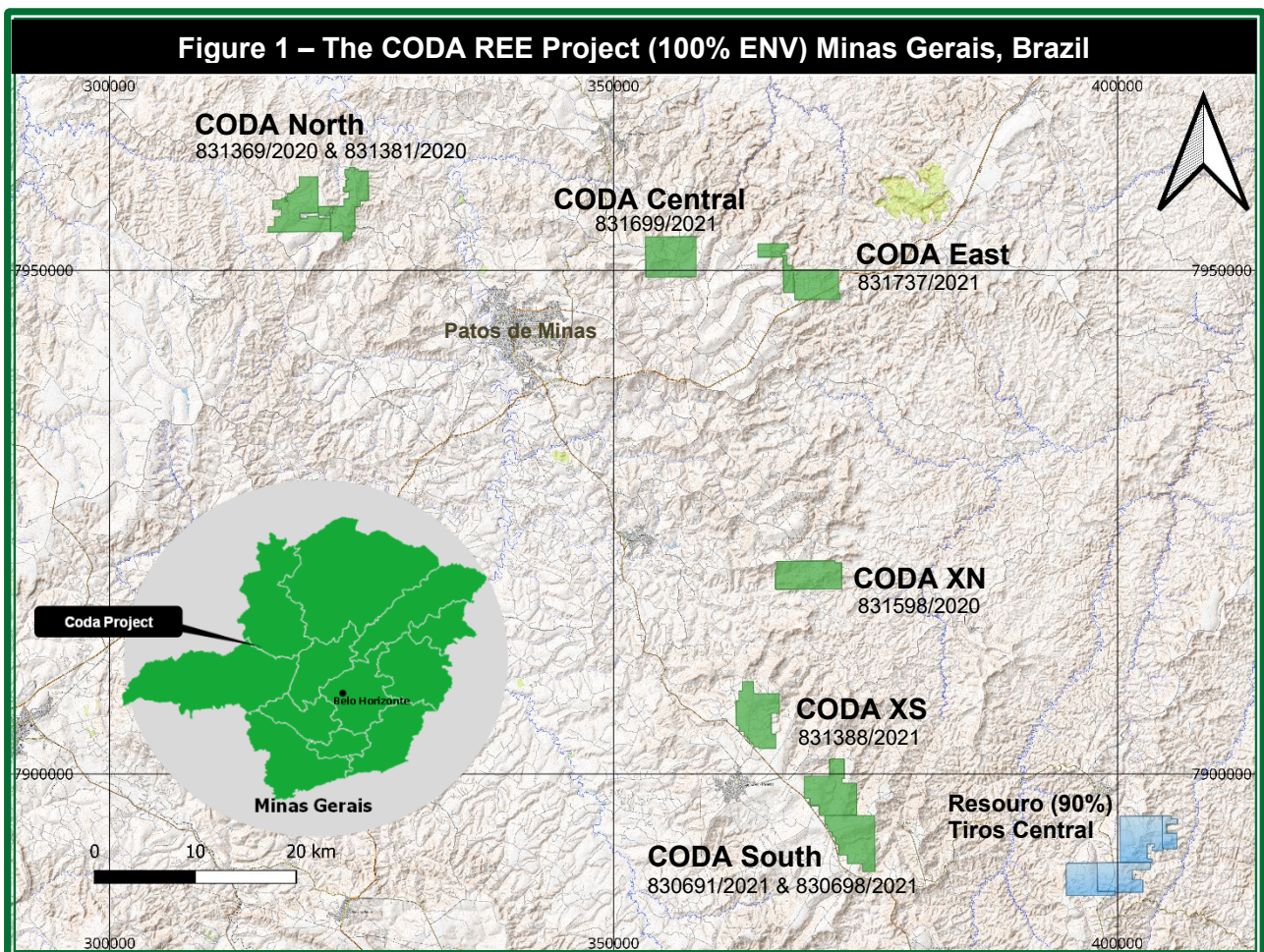
Managing Director of Enova, Mr. Eric Vesel commented:

“Despite some initial startup delays, we wasted no time as our excellent team scouted the CODA tenements, prepared for the campaign and secured additional drill access areas. Drilling has started, which is a relief to us all. Drill samples will be dispatched every week for assay analysis, allowing us to progressively confirm our predictions regarding the geology of the Patos Formation and prospectivity expectations. Since our April announcement, to move forward with our maiden Phase 1 drilling programme, we have gathered significant ground data and further understanding of the geological formations in the region and more importantly on our tenements. This reinforces our plans to focus efforts on our existing tenements at CODA, which is strategically the best investment for Enova. We looked at many new opportunities during May, however CODA remains a clear winner and a focus for our resources.”

TENEMENT OVERVIEW

Enova is encouraged by the location and size of the tenements in relation to prospective geological features. The prospective geological unit present in the CODA project is composed of the Patos Formation. It formed during the Upper Cretaceous period, when a massive volcanic event occurred in the western part of Minas Gerais state. The volcanic activity exhibited both effusive (lava flows) and explosive (pyroclastic deposits) eruptions. The predominant rock type in this formation is kamafugite, which is classified as an alkaline-ultramafic rock. High-grade rare-earth elements (REE) are also enriched in this formation.

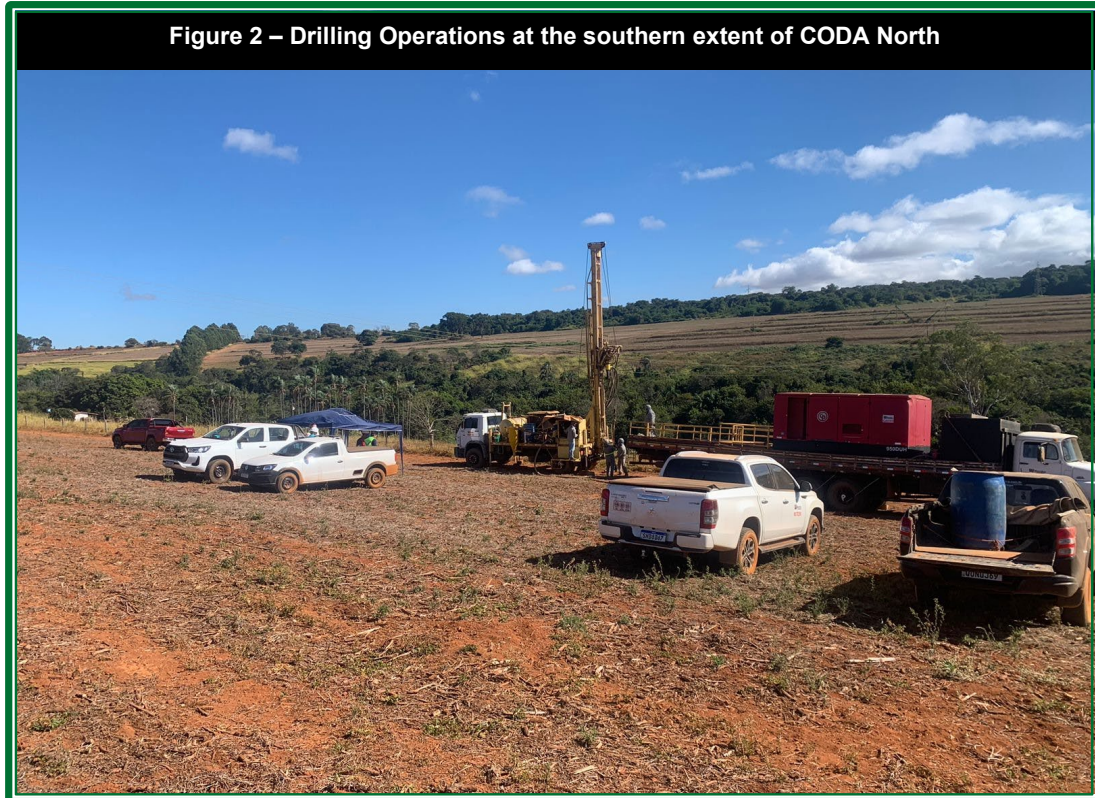
The prospective unit consists of a horizontal bed of kamafugite, which can be up to 40 metres thick, overlain by overburden that varies from 0 to 50 metres. Weathering processes with thick clay zones are prevalent throughout this profile, leading to the accumulation of REE elements closer to the upper part of the formation. The rocks within this formation are predominantly soft and friable, with an extremely fine particle size. These characteristics are considered advantageous for the exploration of Ionic Clay REE deposits. Refer to Figure 1 (following) for the locations of the tenements at the CODA Project.



The mining/extraction of REE from enriched IAC's are relatively low-cost, in comparison to production from other styles of REE deposits, with negligible levels of uranium and thorium. Enova will progressively submit samples from the CODA maiden drill programme for metallurgical testing.

MAIDEN DRILLING CAMPAIGN

Drilling has started at CODA North due to easy access and the broad areas available (Figure 2, below). Most of the land in the area has been harvested which avoids crop compensation.



Enova has established a local Brazilian inhouse exploration team who manage and support exploration and drilling operations. A warehouse facility was leased in Patos de Minas for sample preparation and storage, with an office (Figure 3, below).



During May, our exploration team had an opportunity to review the geology of the CODA Central and East tenements. Several outcrops and geological records indicate these

tenements hold much higher prospectivity than first appreciated. Additional holes are planned for these tenements.

The CODA exploration area is large and there is considerable drill movement. The team will start the programme with one drill and gauge conditions for a second drill later on. Safety is a key consideration and productivity will gain momentum as we familiarise ourselves. As we gain field experience, the Company will update the market on the timing for completion of the programme

TENEMENTS/PERMITS

The title holder of the tenements is RBM Consultoria Mineral, who filed transfer requests of the granted exploration permits to its sole owner, Rodrigo de Brito Mello. The application cannot be transferred until the permit is published, however Rodrigo and RBM Consultoria Mineral will undertake contractual obligations to transfer the title to Enova as soon as the permit is published in the official gazette. Details of the CODA tenements are provided in the following table.

Licence ID	Area (Ha)	Status	Ownership	In transference to
831369/2020	1,997.8	Granted	RBM Consultoria Mineral	Rodrigo de Brito Mello
831381/2020	1,537.6	Granted	RBM Consultoria Mineral	Rodrigo de Brito Mello
831388/2020	1,999.6	Granted	RBM Consultoria Mineral	Rodrigo de Brito Mello
831598/2020	1,807.8	Application	RBM Consultoria Mineral	Rodrigo de Brito Mello
830691/2021	1,992.8	Granted	RBM Consultoria Mineral	Rodrigo de Brito Mello
830698/2021	1,997.4	Granted	RBM Consultoria Mineral	Rodrigo de Brito Mello
830699/2021	1,999.8	Granted	RBM Consultoria Mineral	Rodrigo de Brito Mello
830737/2021	1,999.6	Granted	RBM Consultoria Mineral	Rodrigo de Brito Mello
15,332.4				

ATTRACTIVE BUSINESS ENVIRONMENT

Brazil has a developed and sophisticated mining industry, and is amongst the leading exporters of iron ore, tin, bauxite, manganese, copper, gold, rare earth and lithium. The country investment risk is low and business environment as secure, based on:

- Mining is recognised as a key economic industry in Brazil and the State of Minas Gerais.
- Progressive mining policies, seeking investment, encouraging explorers and new developments,
- Mining investment free of government mandated ownership,
- Low sovereign risk and government interference,
- Attractive cost base and sophisticated support network for the mining industry
- High level of exploration/mining technical skills and expertise in country

MANAGING OUR COMMITMENTS

Enova's has a registered company in Brazil, Enova Brasil Ltda (EBL). The Company has established banking facilities, appointed local accounting firm B&P Accounting and legal support with Mac Antunes Advogados.

Enova remains committed to the development of Charley Creek rare earth project with ongoing activities proceeding without disruption.

The Company will also continue to review projects and business opportunities as they arise.

The market will be kept apprised of developments, as required under ASX Listing Rules and in accord with continuous disclosure requirements.

Approved for release by the Board of Enova Mining Limited



Eric Vesel,
Enova Mining Limited
CEO/ Executive Director

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Forward-looking statements

This announcement contains forward-looking statements which involve a number of risks and uncertainties. These forward-looking statements are expressed in good faith and believed to have a reasonable basis. These statements reflect current expectations, intentions or strategies regarding the future and assumptions based on currently available information. Should one or more of the risks or uncertainties materialise, or should underlying assumptions prove incorrect, actual results may vary from the expectations, intentions and strategies described in this announcement. No obligation is assumed to update forward looking statements if these beliefs, opinions and estimates should change or to reflect other future developments.

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By its very nature exploration for minerals is a high-risk business and is not suitable for certain investors. Enova’s securities are speculative. Potential investors should consult their stockbroker or financial advisor. There are many risks, both specific to Enova and of a general nature which may affect the future operating and financial performance of Enova and the value of an investment in Enova including but not limited to economic conditions, stock market fluctuations, commodity price movements, regional infrastructure constraints, timing of approvals from relevant authorities, regulatory risks, operational risks and reliance on key personnel.

Certain statements contained in this announcement, including information as to the future financial or operating performance of Enova and its projects, are forward-looking statements that: may include, among other things, statements regarding targets, estimates and assumptions in respect of mineral reserves and mineral resources and anticipated grades and recovery rates, production and prices, recovery costs and results, capital expenditures, and are or may be based on assumptions and estimates related to future technical, economic, market, political, social and other conditions; are necessarily based upon a number of estimates and assumptions that, while considered reasonable by Enova, are inherently subject to significant technical, business, economic, competitive, political and social uncertainties and contingencies; and, involve known and unknown risks and uncertainties that could cause actual events or results to differ materially from estimated or anticipated events or results reflected in such forward-looking statements.

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