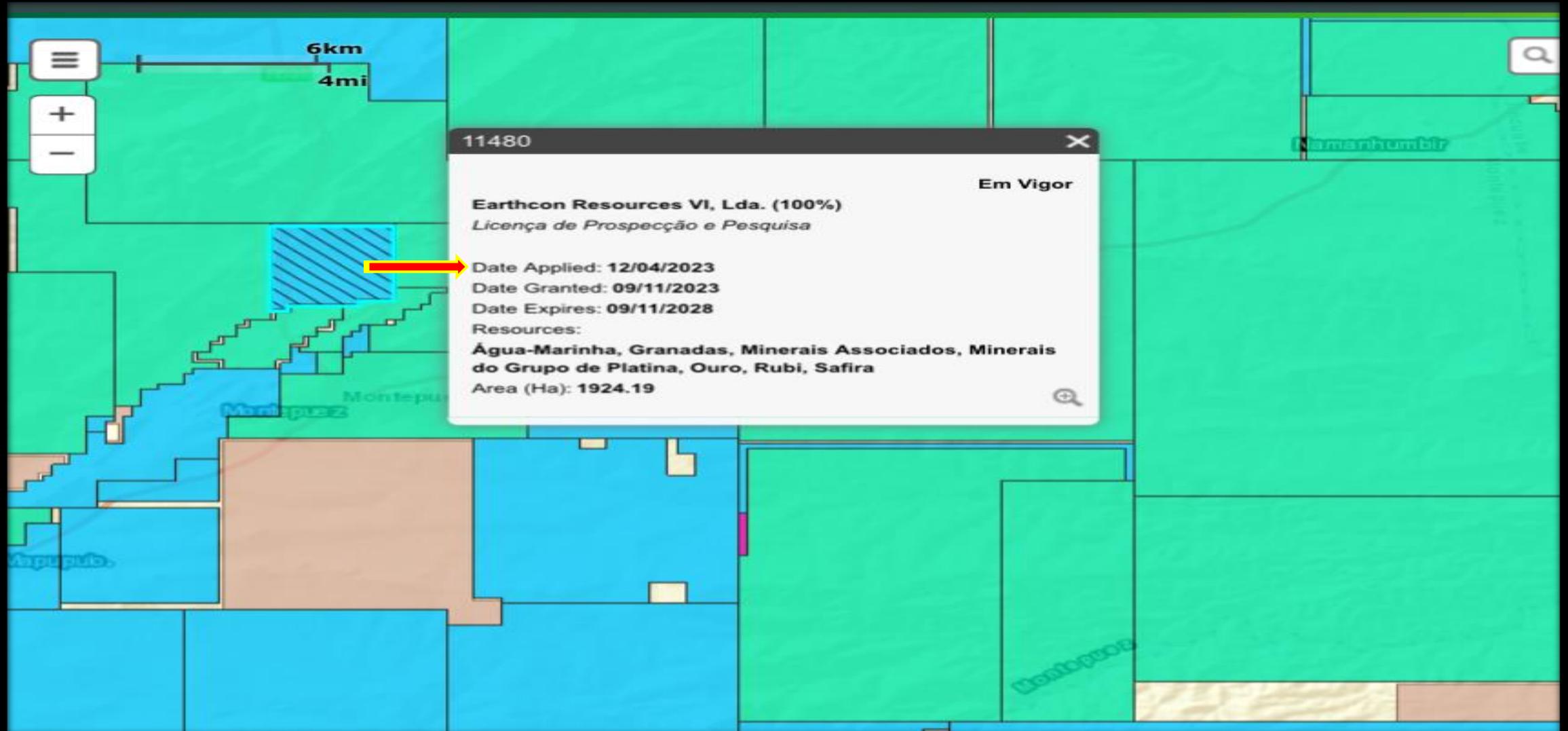


EARTHCON RESOURCES LDA

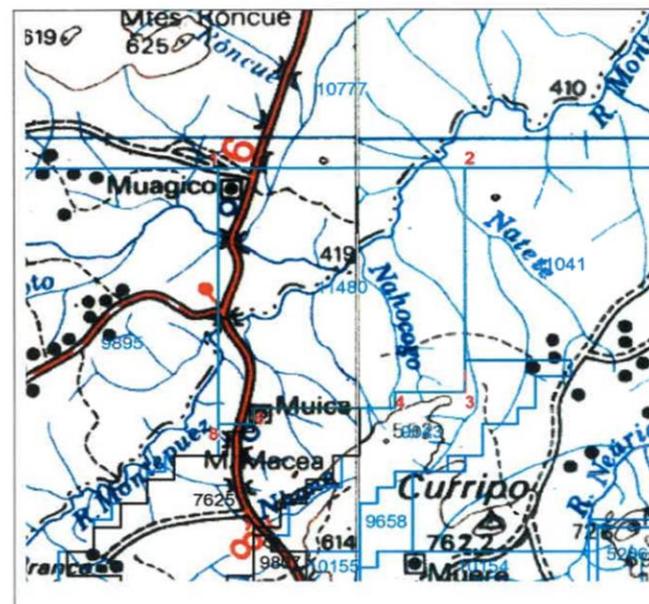


Ruby License 11480 L – 1,924 Hectares in Cabo Delgado.

EARTHCON RESOURCES VI – RUBY ASSET



EARTHCON RESOURCES VI – RUBY PROSPECTING RIGHT



Título: 11480 L		Província: Cabo Delgado	
Tipo: Licença de Prospecção e Pesquisa		Distrito: Montepuez	
Titular: Earthcon Resources VI, Lda.			
Chefe do Cadastro		Área em hectares: 1.924,19	CADASTRO
Verificação cadastral			INAMI/MIREME
Verificação legal			09-11-2023

EARTHCON RESOURCES VI – RUBY ENVIRONMENTAL CLEARANCE

Série ____ N° ____ /20 ____



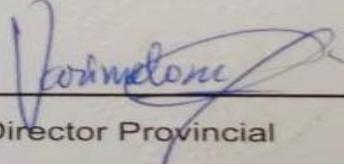
REPÚBLICA DE MOÇAMBIQUE
PROVÍNCIA DE CABO DELGADO
DIRECÇÃO PROVINCIAL DE DESENVOLVIMENTO TERRITORIAL E AMBIENTE

LICENÇA AMBIENTAL N° 02 / 2024

A Autoridade de Avaliação de Impacto Ambiental (AIA), nos termos do disposto na alínea b), do nº 3, do Artigo 6, do Regulamento sobre o Processo de Avaliação do Impacto Ambiental, aprovado pelo Decreto nº 54/2015, de 31 de Dezembro, concede à/ao EARTHCON RESOURCES VI, LDA

Presente LICENÇA AMBIENTAL DE INSTALAÇÃO nas condições e termos constantes do verso.

PEMBA, aos 04 / 06 / 2024 Validade até 04 / 06 / 2026


O Director Provincial

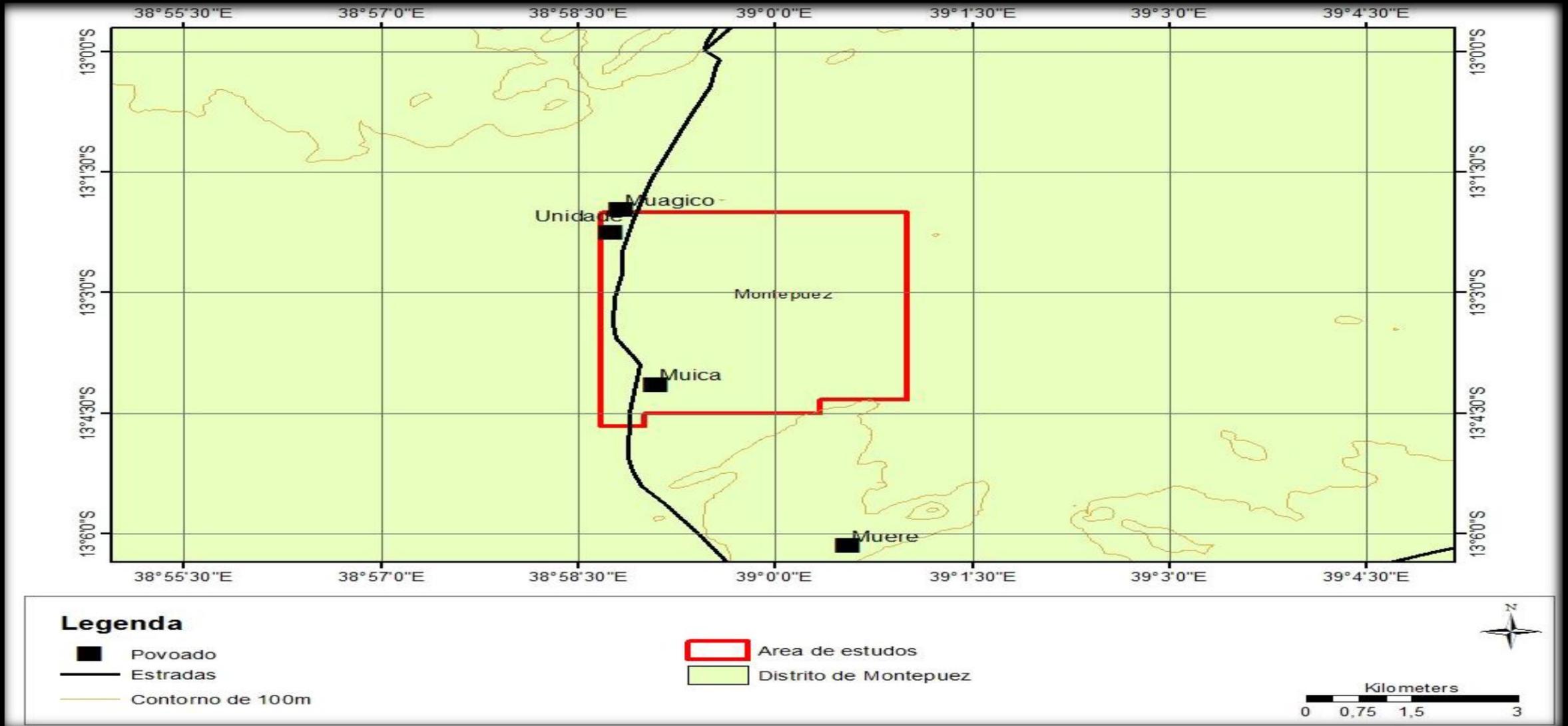
LICENÇA DE INSTALAÇÃO
CATEGORIA B



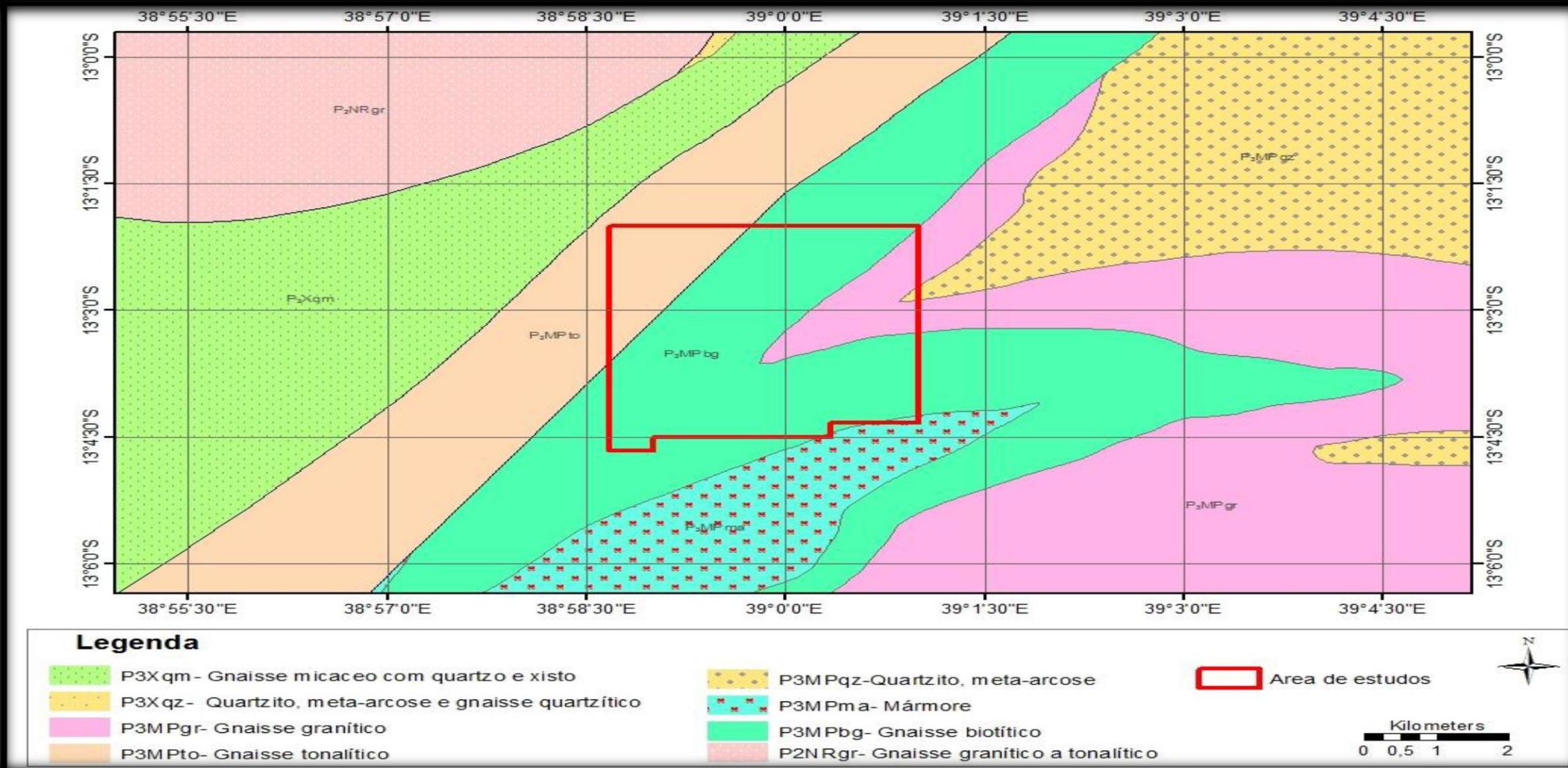
EARTHCON RESOURCES VI – RUBY ASSET

- EARTHCON RESOURCES VI, LDA WAS GRANTED ROSPECTING RIGHT 11480L ON 9TH NOVEMBER 2023 VALID TILL 9TH NOVEMBER 2028.
- THE LICENSE IS SITUATED AT THE WESTERN END OF MAJOR RUBY MINES (FURA GEMS AND GEMFIELDS) AND HAS SUITABLE GEOLOGY WITHIN THE MONTEPUEZ REGIONAL RUBY MINERALIZATION BELT.
- THE LICENCE IS LOCATED 4KM FROM MONTEPUEZ CITY AND IS EASY ACCESSIBLE BY NATIONAL ROAD NETWORK.
- THE LICENSE HAS ENOUGH WATER SOURCE FOR BULK SAMPLING BY MONTEPUEZ RIVER WHICH CROSSES THE ENTIRE LICENSE AREA.
- THE LICENSE HAS ACCESS TO NATIONAL MEDIUM VOLTAGE POWER LINE WHICH PASSES THROUGH THE AREA.
- EARTHCON RESOURCES VI, LDA WAS GRANTED ENVIRONMENTAL CLEARANCE ON 4TH JUNE 2024 VALID TILL 4TH JUNE 2026.

EARTHCON RESOURCES VI – RUBY ASSET

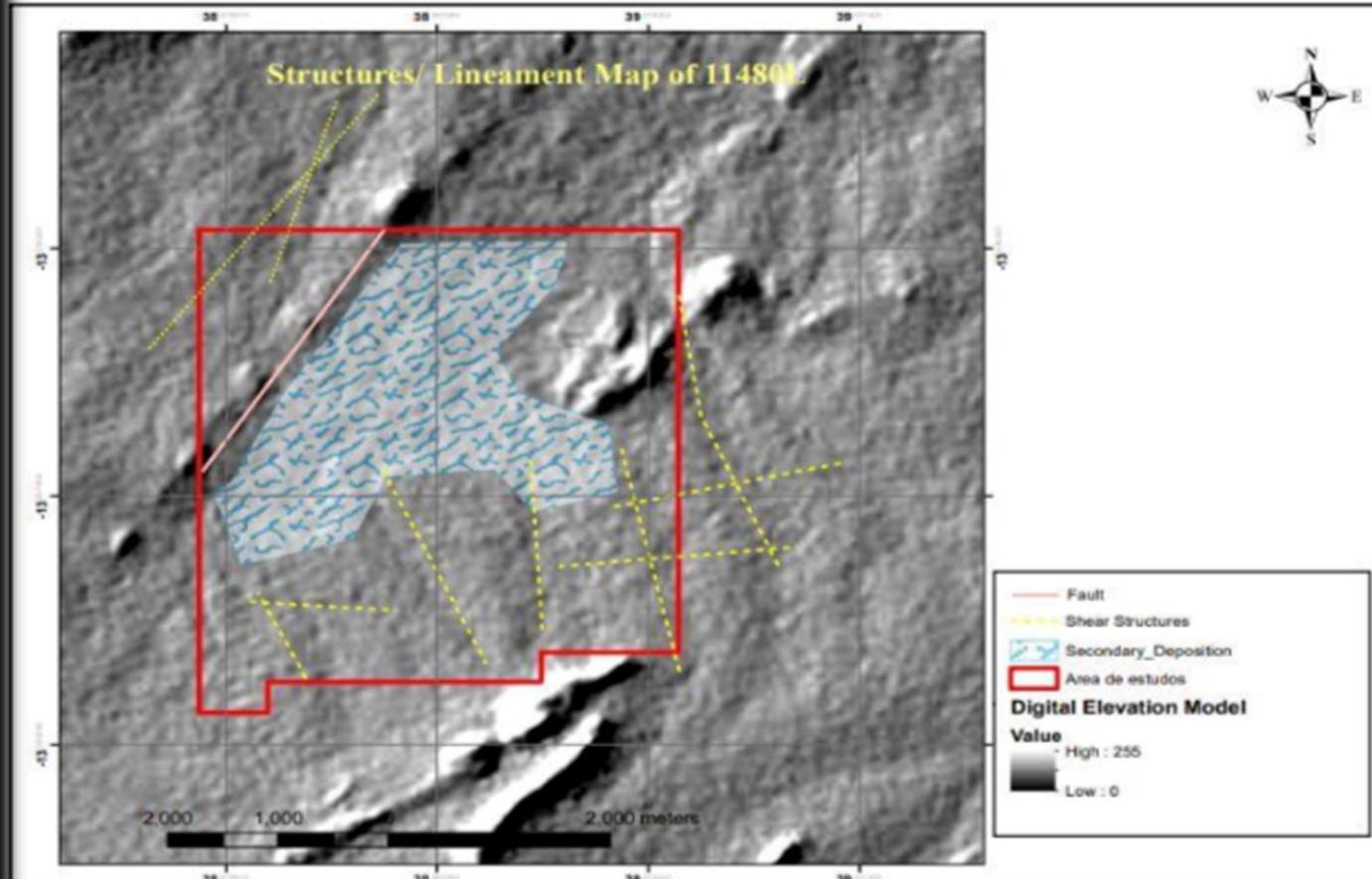


EARTHCON RESOURCES VI – RUBY MINE DESKTOP REPORT



EARTHCON RESOURCES VI – RUBY MINE DESKTOP REPORT

Integrated DEM and structures/ Lineament Map of the area covered by the project



DEM Digital Elevation Map of 11480L

Two areas with highest values of topography was identified, one in the NE part of the license and the second one in the NW sector of the concession, this area coincides with the fault that was identified in the lineament/structures map.

The digital elevation map was prepared combining the structure lineaments map and the lineament density data of the area with the topographic data.

As the result of this Map, the area of a secondary deposition was bounded.

This is the target area for the further investigation/ exploration.

EARTHCON RESOURCES VI – RUBY MINE DESKTOP REPORT

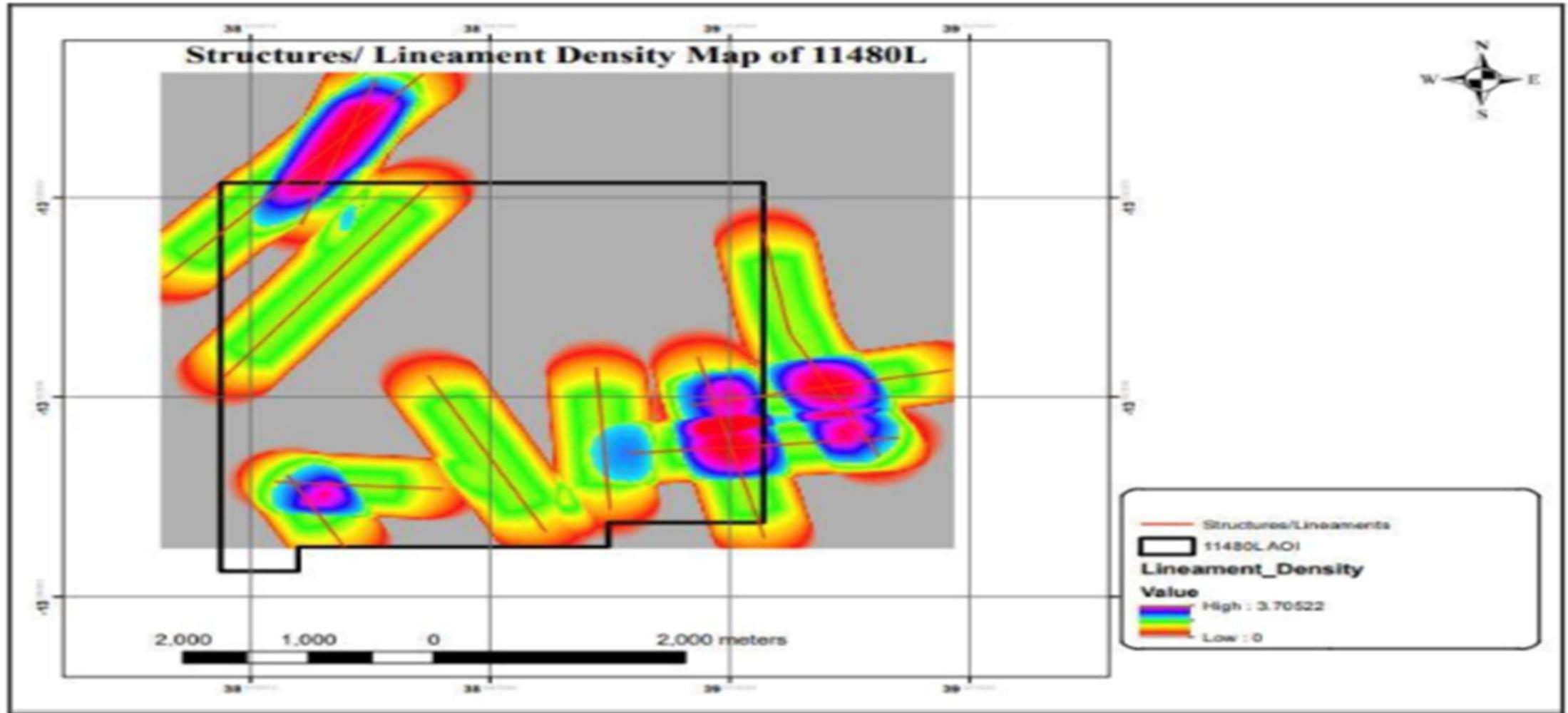
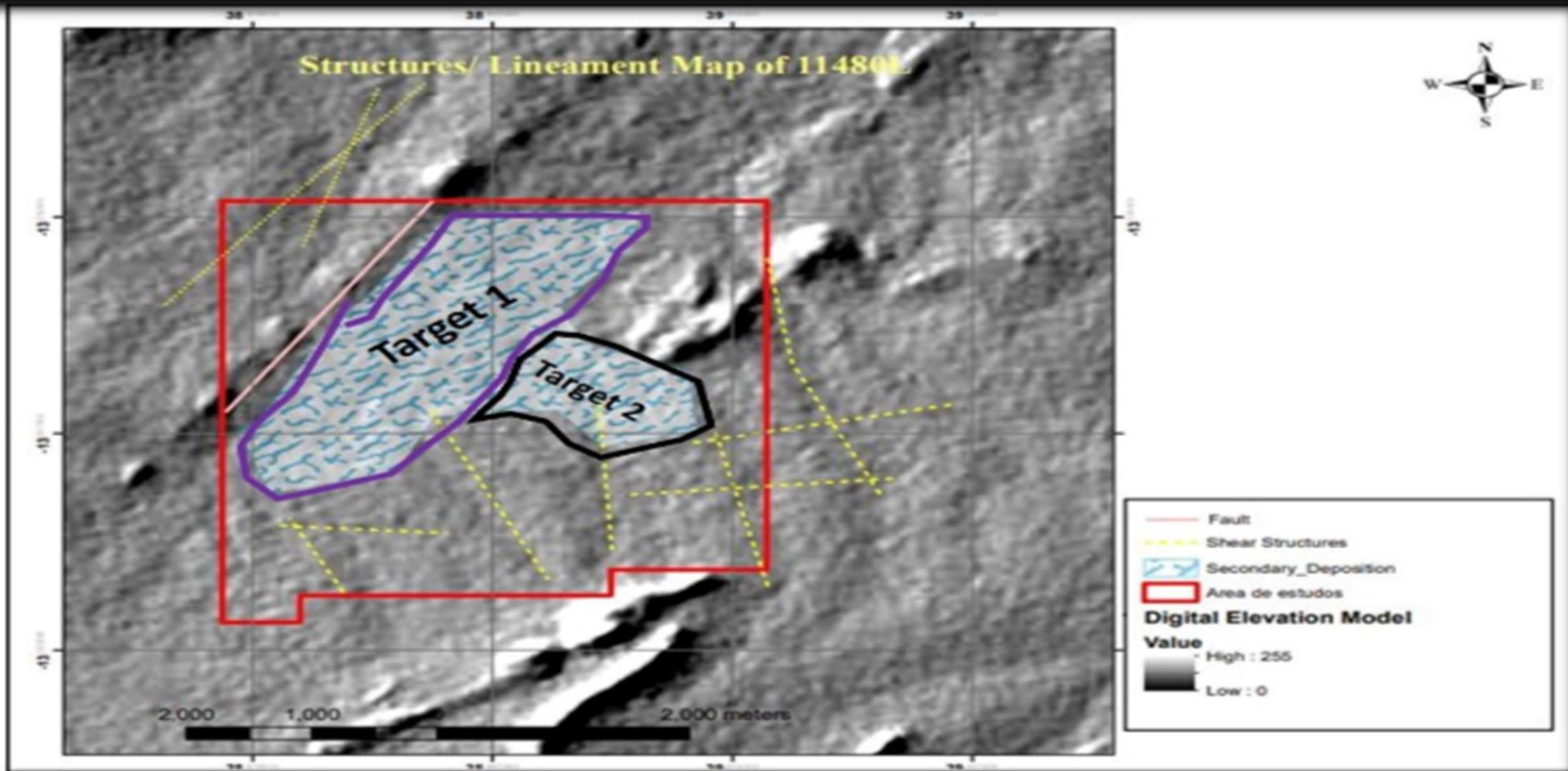


Figure 7: Structures/ Lineament density Map of the area covered by the project. Author, 2023

EARTHCON RESOURCES VI – RUBY MINE DESKTOP REPORT



EARTHCON RESOURCES VI – RUBY MINE

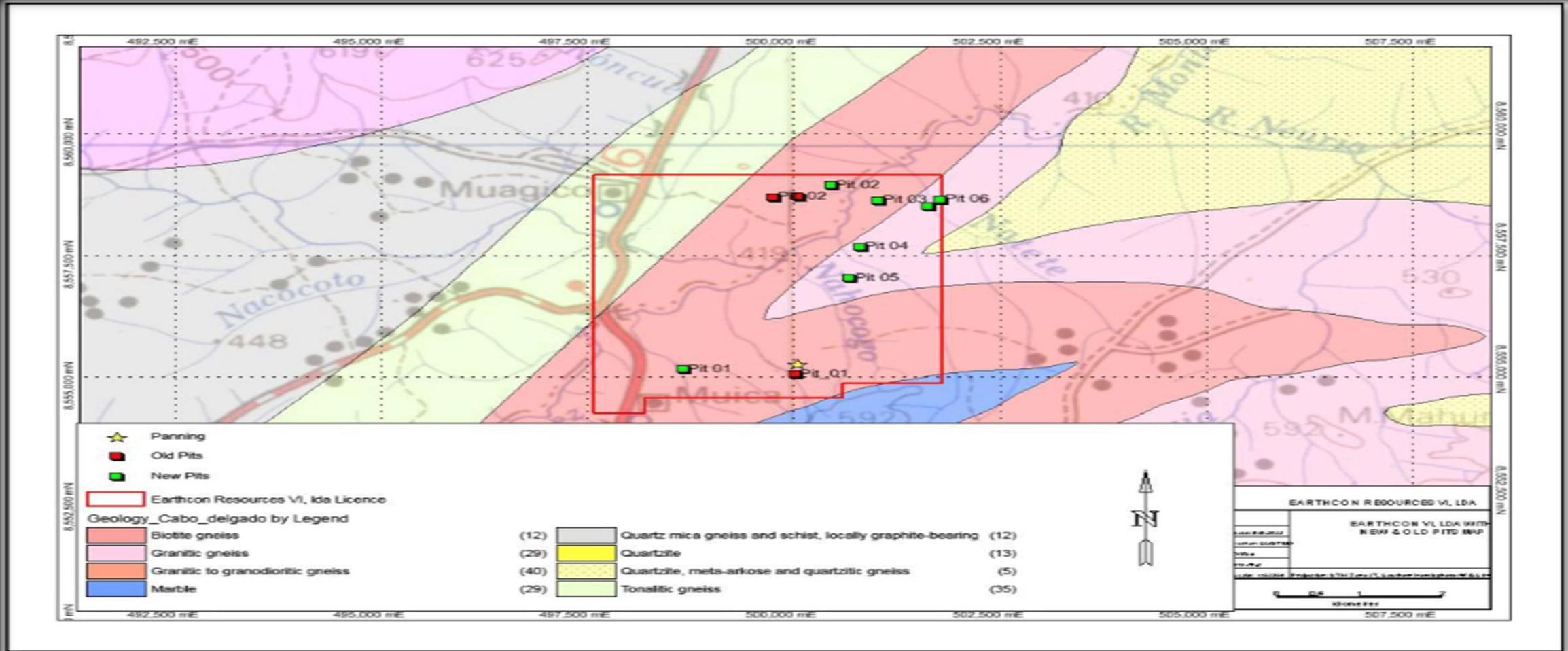


Figure 9. Old, New excavated Pits and panning location map

EARTHCON RESOURCES VI – RUBY FIELD WORK REPORT

- EARTHCON RESOURCES VI, LDA HAD APPOINTED ROCK INVESTIMENTOS (SUBTILIO RODRIGUES) TO CONDUCT PRE-STUDY GROUND RECONNAISSANCE OF LICENCE TO EVALUATE THE POTENTIAL OF RUBY OCCURRENCE BASED ON DESKTOP STUDY REPORT PREPARED BY N'KOLOTO RESOURCES (ARMINDO NHAMBIRE).
- PREVIOUS LICENSE HOLDER (BENGALA MINAS LDA) HAD CARRIED OUT 3 PIT EXCAVATION FOR RESEARCH WHICH WAS EVALUATED.
- NEW 7 PITS WERE EXCAVATED IN THE ALLUVIAL TERRACES TO IDENTIFY THE POTENTIAL OF EXISTENCE OF RUBY.
- PANNING WAS CARRIED OUT IN 2 DIFFERENT PLACES ALONG THE RIVER NATETE AND NAMINHAPA.
- THE RECONNAISSANCE STUDY WITH EXCAVATION AND PANNING PROVED THAT THE LICENSE AREA HAS FAVOURABLE GEOLOGICAL CONDITIONS FOR THE OCCURRENCE OF RUBY MINERALIZATION.

EARTHCON RESOURCES VI – RUBY MINE FIELD WORK



Figure 8. Panning process with the results; a) River bed panning location 2; b) Corundum sample from panning 2; c) Corundum and garnet from panning 1

EARTHCON RESOURCES VI – RUBY MINE FIELD WORK



EARTHCON RESOURCES VI – RUBY MINE FIELD WORK



EARTHCON RESOURCES VI – RUBY MINE FIELD WORK



EARTHCON RESOURCES VI – RUBY MINE FIELD WORK



EARTHCON RESOURCES VI – RUBY MINE FIELD WORK



EARTHCON RESOURCES VI – RUBY MINE FIELD WORK



EARTHCON RESOURCES VI – RUBY MINE FIELD WORK



EARTHCON RESOURCES VI – RUBY PUBLIC CONSULTATIONS

Maviha

Intervenção do Consultor Ambiental (Castro Rassule)



Intervenção do Representante do Proponente (Adonai Cuna)



Participantes na reunião



Representante do SDAE de Montepuez (Bacar Antumane)



EARTHCON RESOURCES VI – RUBY MINE LAYOUT

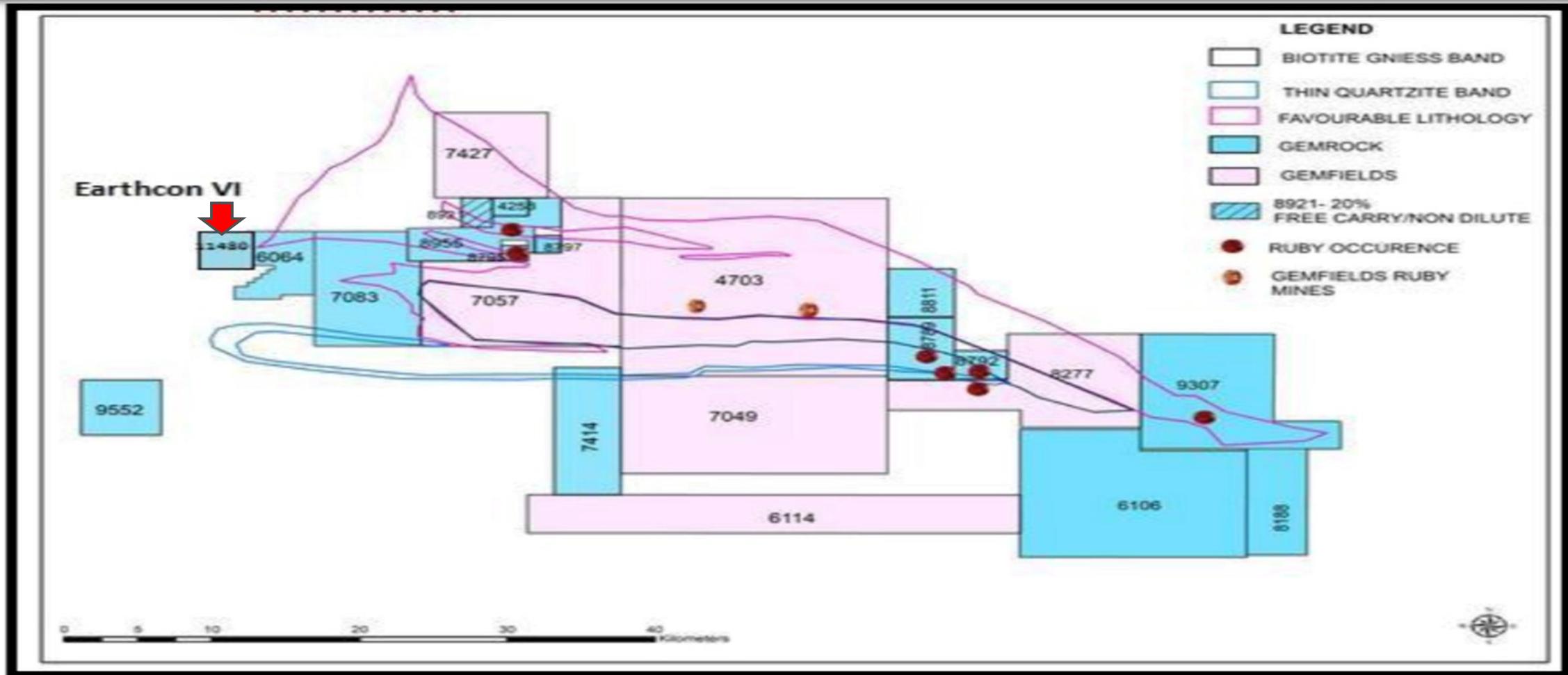


Figure 15. Earthcon VI project framework and ruby mineralization

EARTHCON RESOURCES VI – MEDIA

Legendary Mozambican ruby sells for record price

9 June 2023



SOTHEBY'S

"The Estrela de Fura", meaning "Star of Fura", was cut from a 101-carat rough stone and is the world's largest ruby

The biggest ruby ever to come to auction has been sold in New York for a record sum of \$34.8m (£28m).

Sotheby's, which auctioned the 55.22-carat gem, described it as a "once-in-a-lifetime" jewel.

The original rough stone weighed a staggering 101 carats when it was found last year in a mine in Mozambique, where there are vast ruby deposits in the north of the country.

Latest Gemfields ruby auction fetches US\$80.4 million

By Mining Review Africa June 21, 2023



www.123rf.com

Gemfields has announced the results of a ruby auction comprised of mixed-quality rough rubies held during the period 5 – 20 June 2023.

Press Releases

Estrela De Fura, A 55.22 Carat Mozambique Ruby Sold for USD 34.8 Million at Sotheby's Magnificent Jewels Auction



Estrela de FURA – 55.22 cts

EARTHCON RESOURCES VI – FIELD TEAM





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