

# **EARTHCON RESOURCES LDA**



**MOZAMBIQUE PROJECTS : LITHIUM, GRAPHITE, TANTALITE, GOLD, RARE EARTH,  
HEAVY MINERAL SANDS, RUBIES AND SAPPHIRE.**

**MOZ COMPANIES : EARTHCON RESOURCES LDA I – II – III – IV – V – VI- VII – VIII – IX - X.  
CHINGOS MINAS, AFRICON RESOURCES AND QUION ROCK.**

# MOZAMBIQUE MINING PROJECT

- RESOURCES – LITHIUM, GRAPHITE, GOLD, TANTALITE, RARE EARTH MINERALS, HEAVY MINERALS SANDS, SAPPHIRE AND RUBIES.
- PROVINCES – TETE, ZAMBEZIA, GAZA, NAMPULA, NIASA AND CABO DELGADO.
- PROSPECTING RIGHTS – 5 LITHIUM, 4 GOLD, 1 GRAPHITE, 1 RARE EARTH, 1 HEAVY SANDS, 1 SAPPHIRE AND 2 RUBY LICENCES.

# MOZAMBIQUE MINING PROJECT

<b>COMPANY NAME</b>	<b>EARTHCON RESOURCES I</b>	<b>EARTHCON RESOURCES II</b>	<b>EARTHCON RESOURCES III</b>
<b>LICENCE</b>	<b>11396 L</b>	<b>11425 L</b>	<b>11441 L</b>
<b>DATE GRATED</b>	<b>27/02/2024</b>	<b>10/07/2023</b>	<b>20/09/2023</b>
<b>DATE EXPIRES</b>	<b>27/02/2029</b>	<b>10/07/2028</b>	<b>20/09/2028</b>
<b>RESOURCES</b>	<b>LITHIUM/TANTALITE</b>	<b>GOLD</b>	<b>LITHIUM/TANTALITE</b>
<b>AREA (HA)</b>	<b>10,103.49</b>	<b>5,403.51</b>	<b>10,921.77</b>
<b>PROVINCE</b>	<b>ZAMBEZIA</b>	<b>TETE</b>	<b>ZAMBEZIA</b>

# MOZAMBIQUE MINING PROJECT

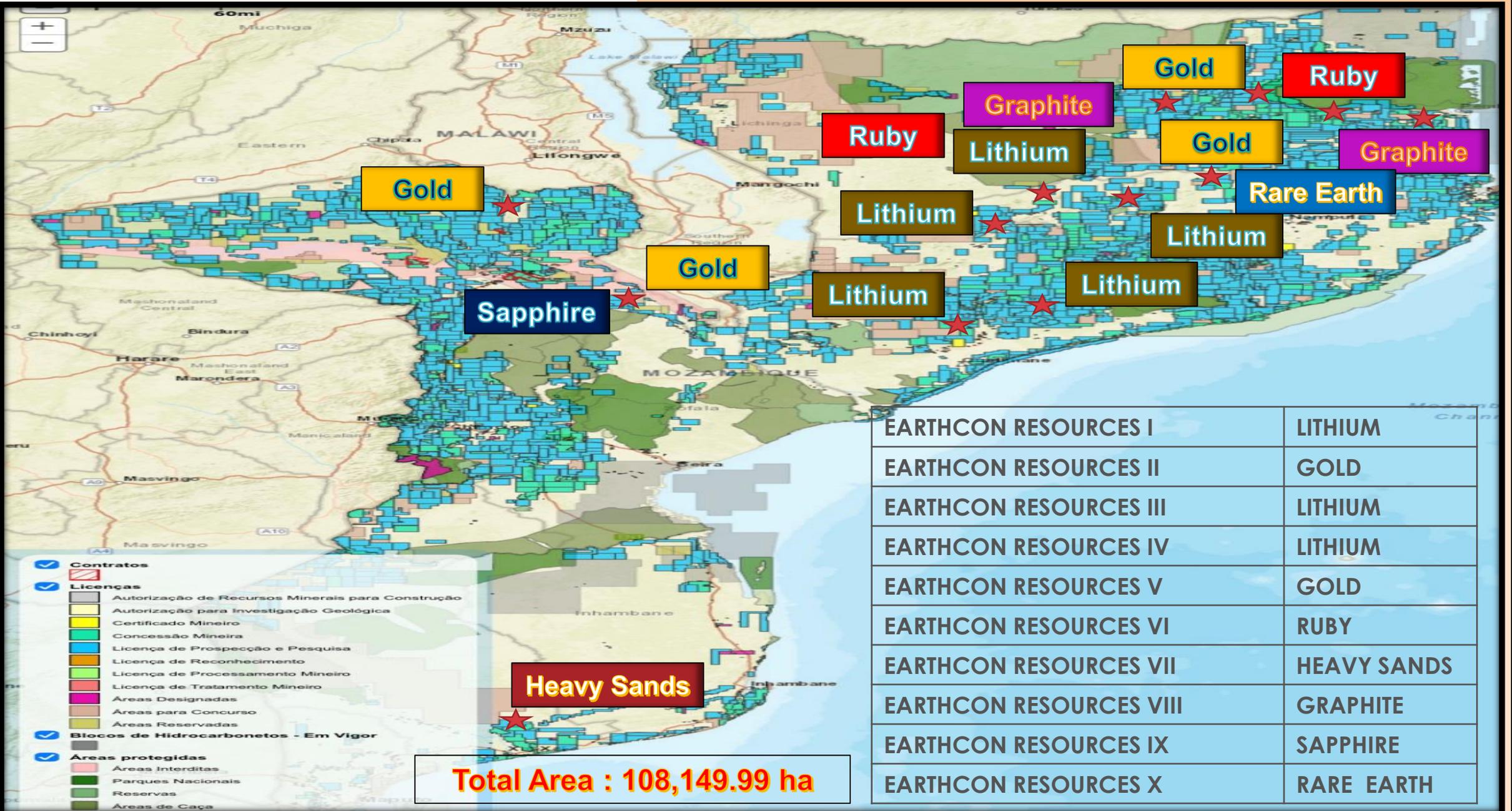
<b>COMPANY NAME</b>	<b>EARTHCON RESOURCES IV</b>	<b>EARTHCON RESOURCES V</b>	<b>EARTHCON RESOURCES VI</b>
<b>LICENCE</b>	<b>11456 L</b>	<b>11473 L</b>	<b>11480 L</b>
<b>DATE GRATED</b>	<b>27/02/2024</b>	<b>05/05/2025</b>	<b>20/09/2023</b>
<b>DATE EXPIRES</b>	<b>27/02/2029</b>	<b>05/05/2030</b>	<b>20/09/2028</b>
<b>RESOURCES</b>	<b>LITHIUM/TANTALITE</b>	<b>GOLD/RUBY/SAPPHIRE</b>	<b>RUBY/SAPPHIRE</b>
<b>AREA (HA)</b>	<b>15,019.18</b>	<b>3,965.93</b>	<b>1,924.19</b>
<b>PROVINCE</b>	<b>ZAMBEZIA</b>	<b>CABO DELGADO</b>	<b>CABO DELGADO</b>

# MOZAMBIQUE MINING PROJECT

<b>COMPANY NAME</b>	<b>EARTHCON RESOURCES VII</b>	<b>EARTHCON RESOURCES VIII</b>	<b>EARTHCON RESOURCES IX</b>
<b>LICENCE</b>	<b>11508 L</b>	<b>11534 L</b>	<b>11580 L</b>
<b>DATE GRATED</b>	<b>28/08/2023</b>	<b>30/01/2024</b>	<b>29/04/2025</b>
<b>DATE EXPIRES</b>	<b>28/08/2028</b>	<b>30/01/2029</b>	<b>29/04/2030</b>
<b>RESOURCES</b>	<b>HEAVY SANDS MINERALS</b>	<b>GRAPHITE</b>	<b>SAPPHIRE / GOLD</b>
<b>AREA (HA)</b>	<b>1,870.36</b>	<b>4,291.80</b>	<b>4,255.10</b>
<b>PROVINCE</b>	<b>GAZA</b>	<b>CABO DELGADO</b>	<b>TETE</b>

# MOZAMBIQUE MINING PROJECT

<b>COMPANY NAME</b>	<b>EARTHCON RESOURCES X</b>	<b>CHINGO'S MINAS LDA</b>	<b>QUION ROCK RESOURCES</b>
<b>LICENCE</b>	<b>11719 L</b>	<b>11294 L</b>	<b>11486 L</b>
<b>DATE GRATED</b>	<b>29/04/2025</b>	<b>28/04/2025</b>	<b>30/08/2023</b>
<b>DATE EXPIRES</b>	<b>29/04/2030</b>	<b>28/04/2030</b>	<b>30/08/2028</b>
<b>RESOURCES</b>	<b>GOLD / RARE EARTH</b>	<b>LITHIUM / MONAZITE</b>	<b>LITHIUM / TANTALITE</b>
<b>AREA (HA)</b>	<b>18,394.75</b>	<b>17,605.93</b>	<b>3,048.74</b>
<b>PROVINCE</b>	<b>NAMPULA</b>	<b>ZAMBEZIA</b>	<b>ZAMBEZIA</b>



Gold

Sapphire

Gold

Ruby

Lithium

Lithium

Graphite

Lithium

Gold

Gold

Lithium

Rare Earth

Ruby

Graphite

Heavy Sands

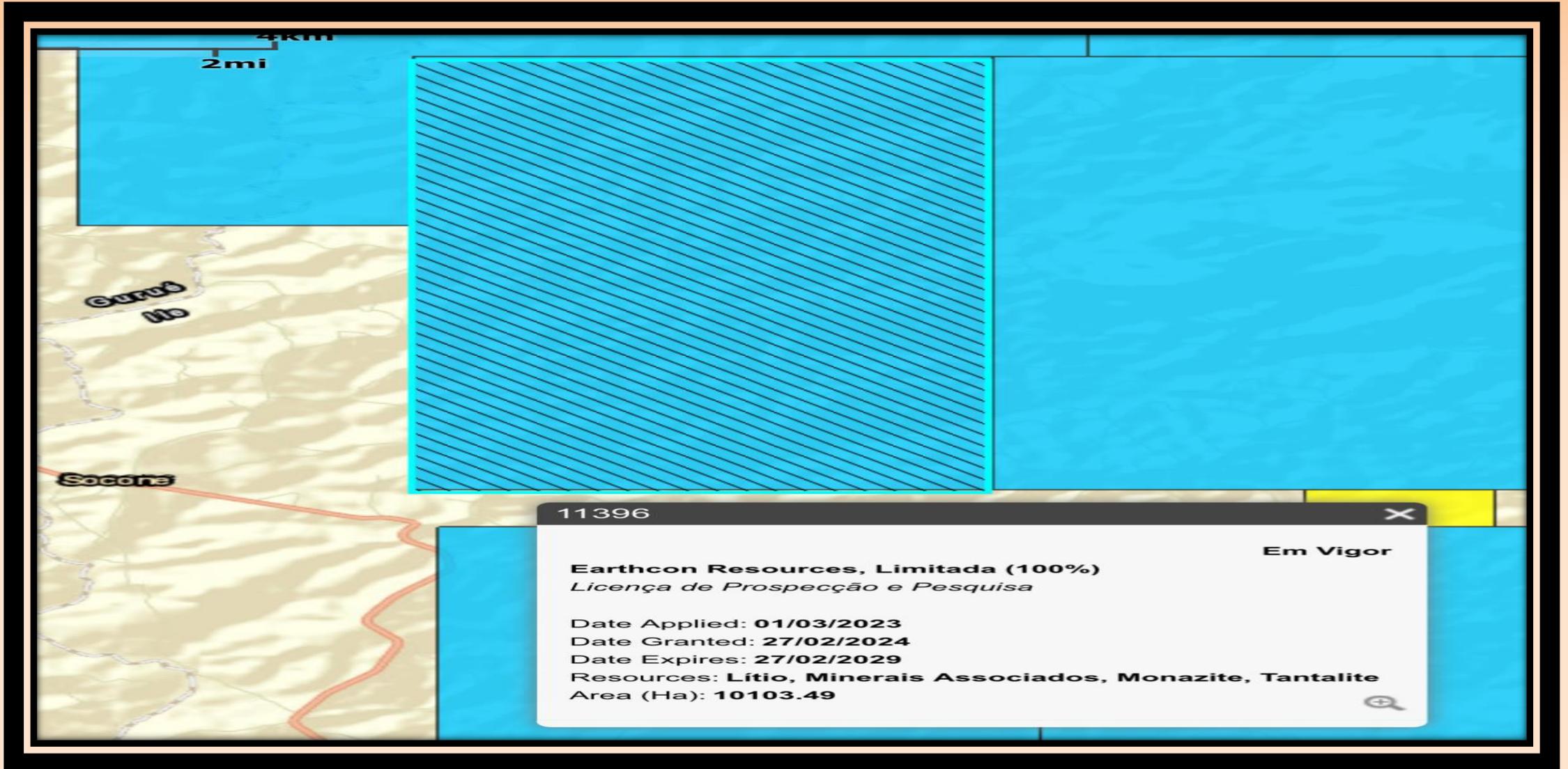
**Total Area : 108,149.99 ha**

EARTHCON RESOURCES I	LITHIUM
EARTHCON RESOURCES II	GOLD
EARTHCON RESOURCES III	LITHIUM
EARTHCON RESOURCES IV	LITHIUM
EARTHCON RESOURCES V	GOLD
EARTHCON RESOURCES VI	RUBY
EARTHCON RESOURCES VII	HEAVY SANDS
EARTHCON RESOURCES VIII	GRAPHITE
EARTHCON RESOURCES IX	SAPPHIRE
EARTHCON RESOURCES X	RARE EARTH

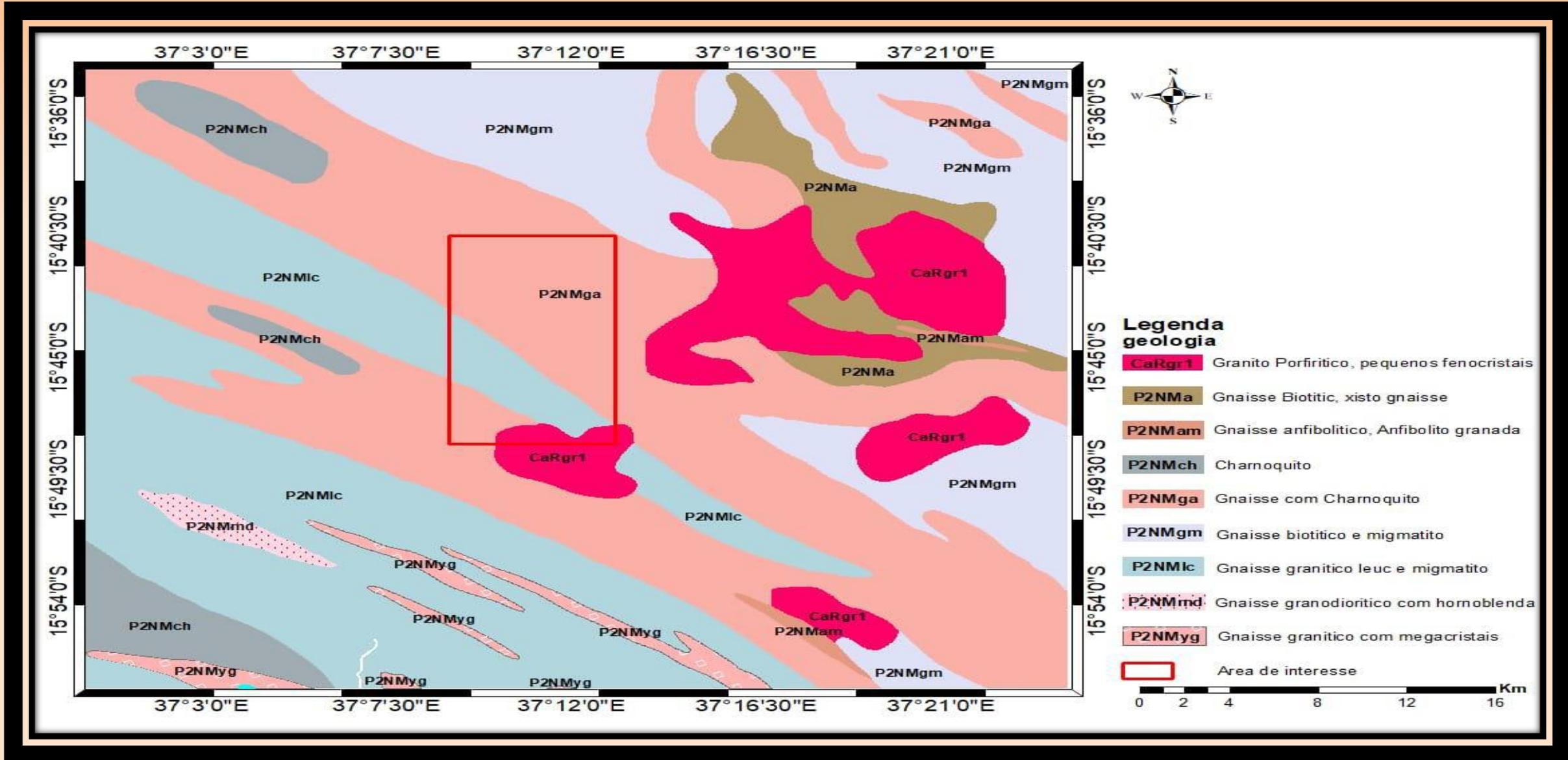
- ✓ Contratos
- ✓ Licenças
  - Autização de Recursos Minerais para Construção
  - Autização para Investigação Geológica
  - Certificado Mineiro
  - Concessão Mineira
  - Licença de Prospeção e Pesquisa
  - Licença de Reconhecimento
  - Licença de Processamento Mineiro
  - Licença de Tratamento Mineiro
  - Áreas Designadas
  - Áreas para Concurso
  - Áreas Reservadas
- ✓ Blocos de Hidrocarbonetos - Em Vigor
- ✓ Áreas protegidas
  - Áreas Interditas
  - Parques Nacionais
  - Reservas
  - Áreas de Caça



# EARTHCON RESOURCES I – LITHIUM, MONZAITE AND TANTALITE



# EARTHCON RESOURCES I – LITHIUM, MONZAITE AND TANTALITE



# EARTHCON RESOURCES I – LITHIUM, MONZAITE AND TANTALITE

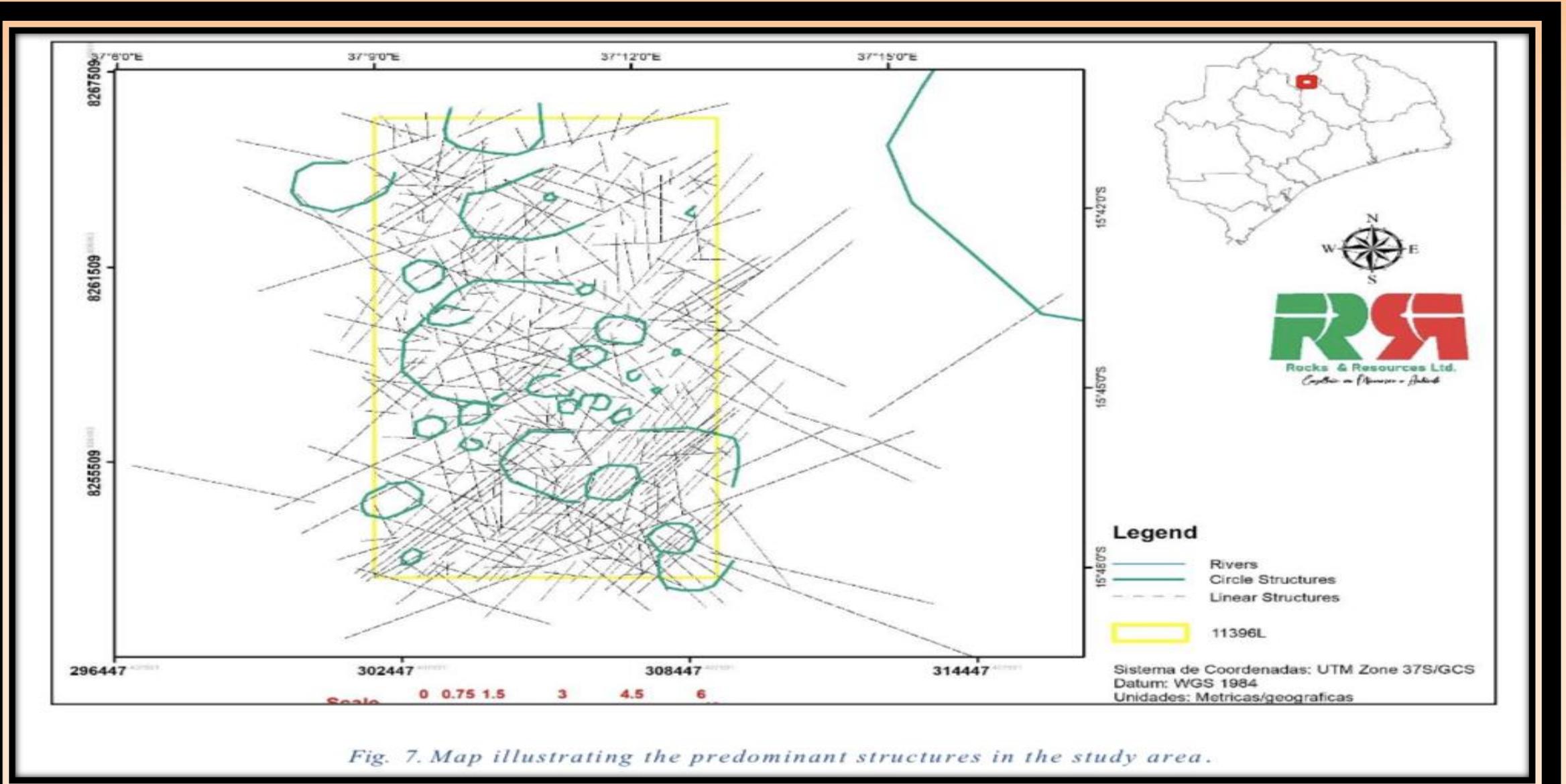


Fig. 7. Map illustrating the predominant structures in the study area.

# EARTHCON RESOURCES I – LITHIUM, MONZAITE AND TANTALITE

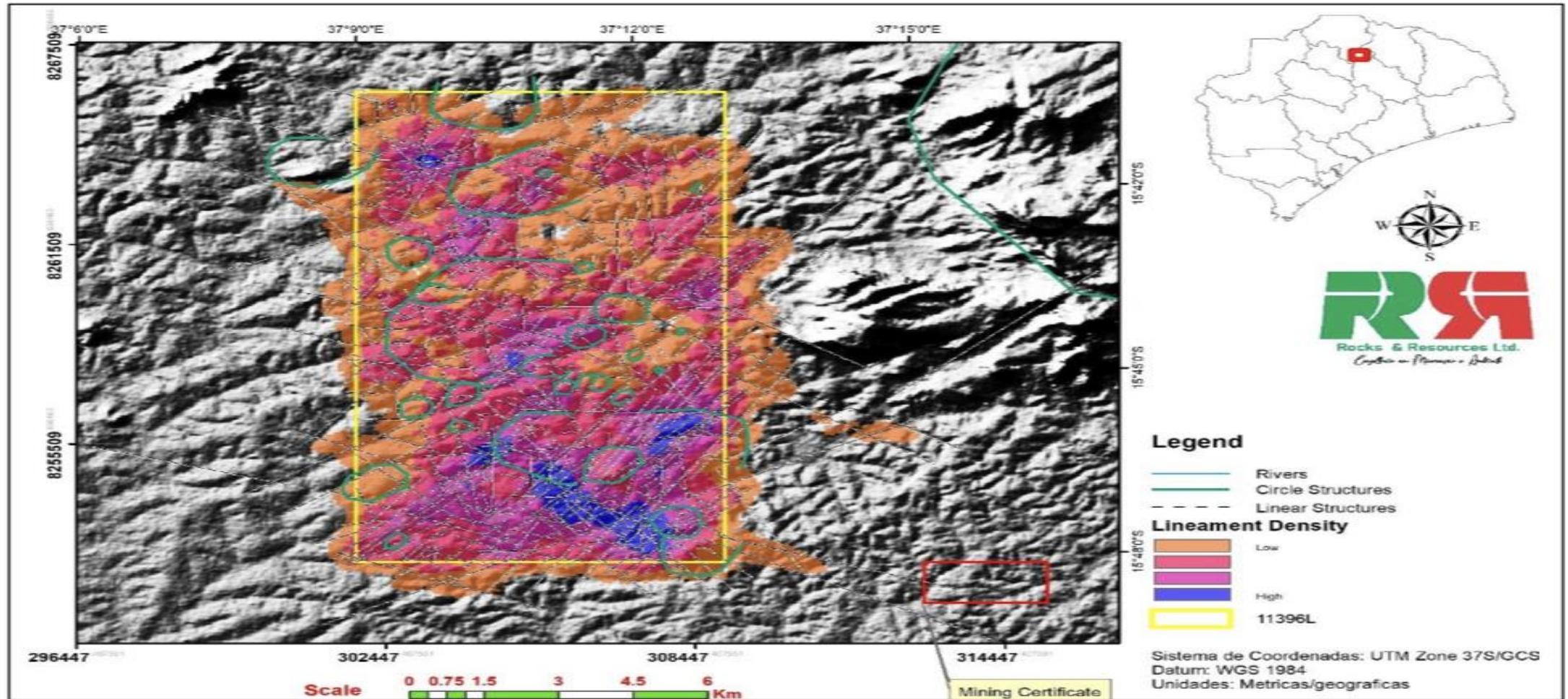


Fig. 10. Map illustrating the predominant structures in the study area by colour scale.

# EARTHCON RESOURCES I – LITHIUM, MONZAITE AND TANTALITE

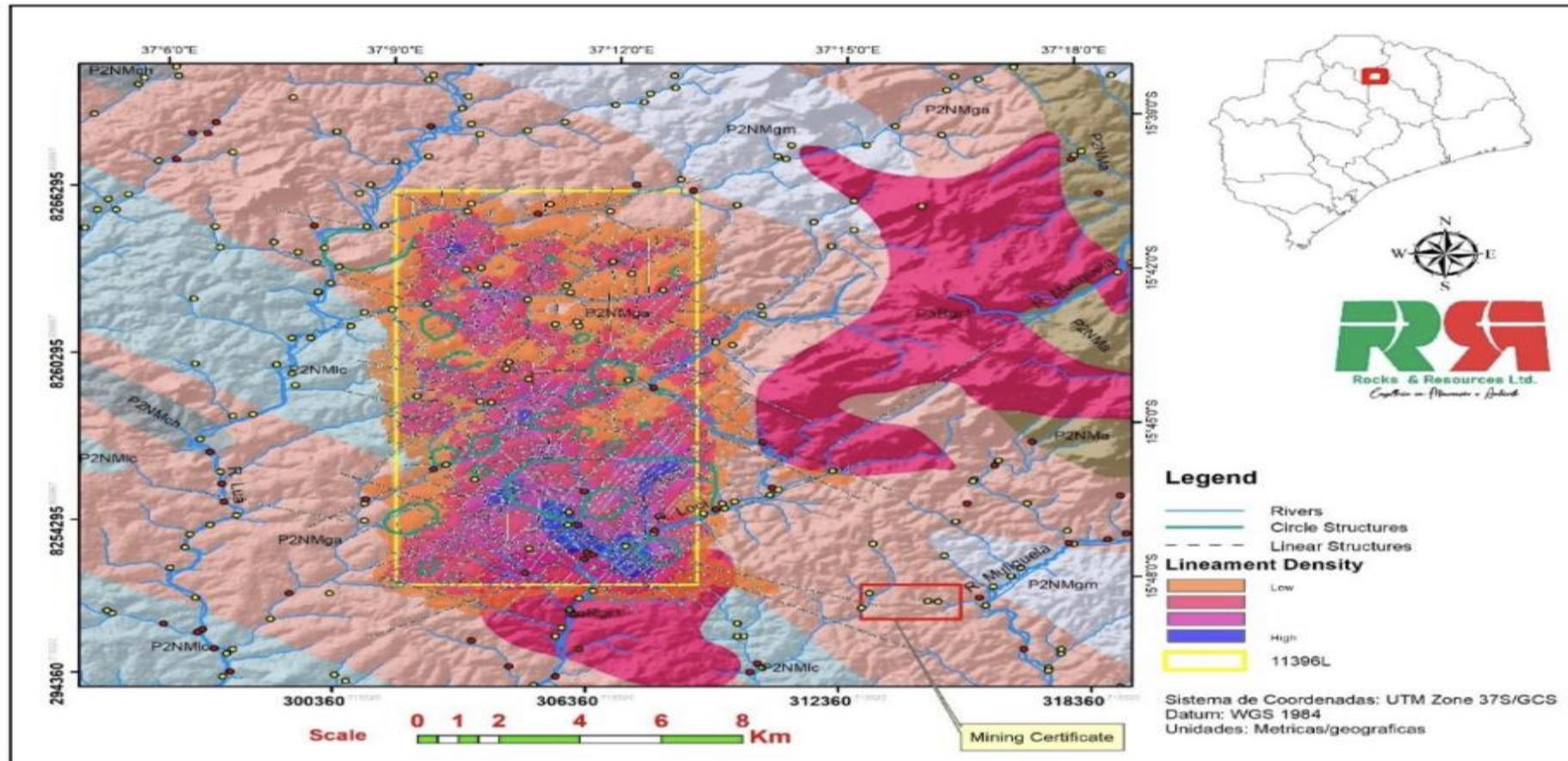
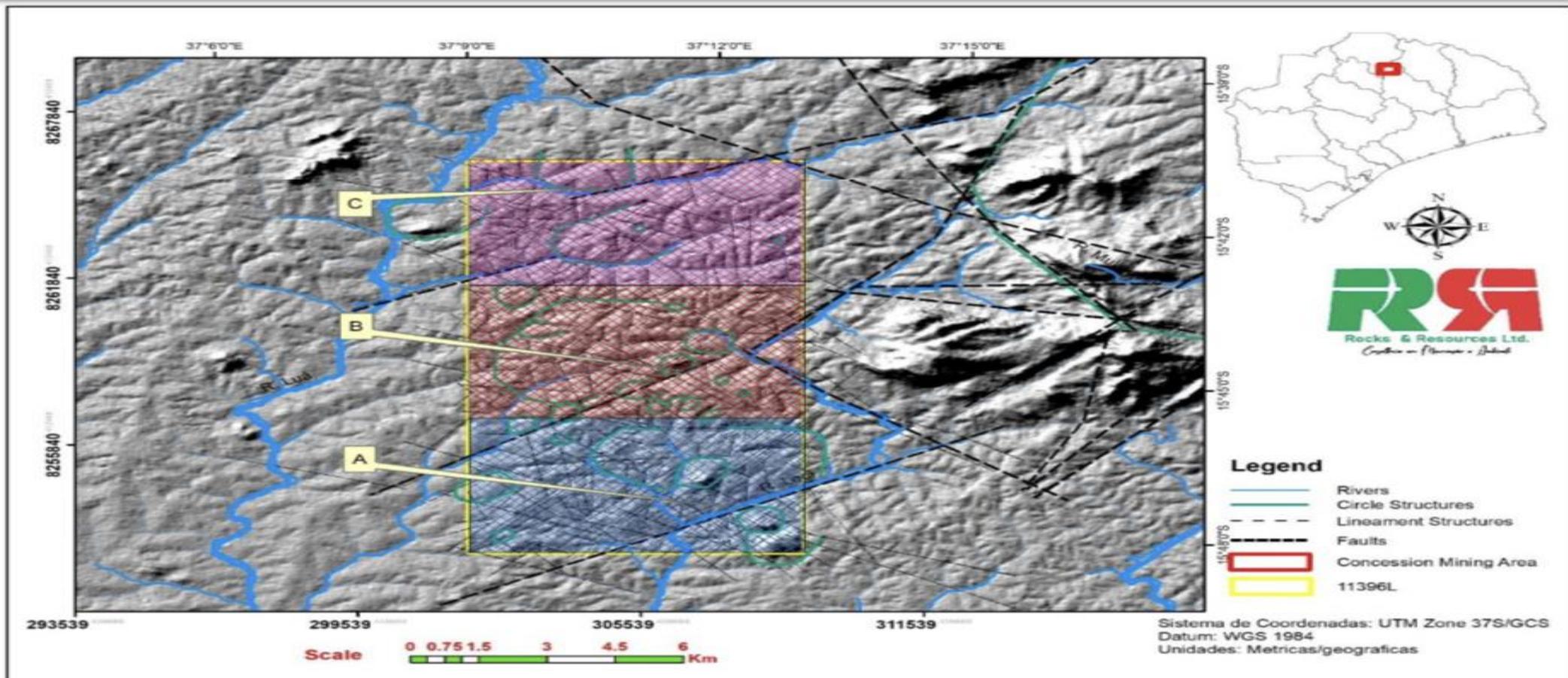


Fig. 12. Map illustrating the streamline, geochemistry data and predominant structures in the study area by colour scale.

# EARTHCON RESOURCES I – LITHIUM, MONZAITE AND TANTALITE

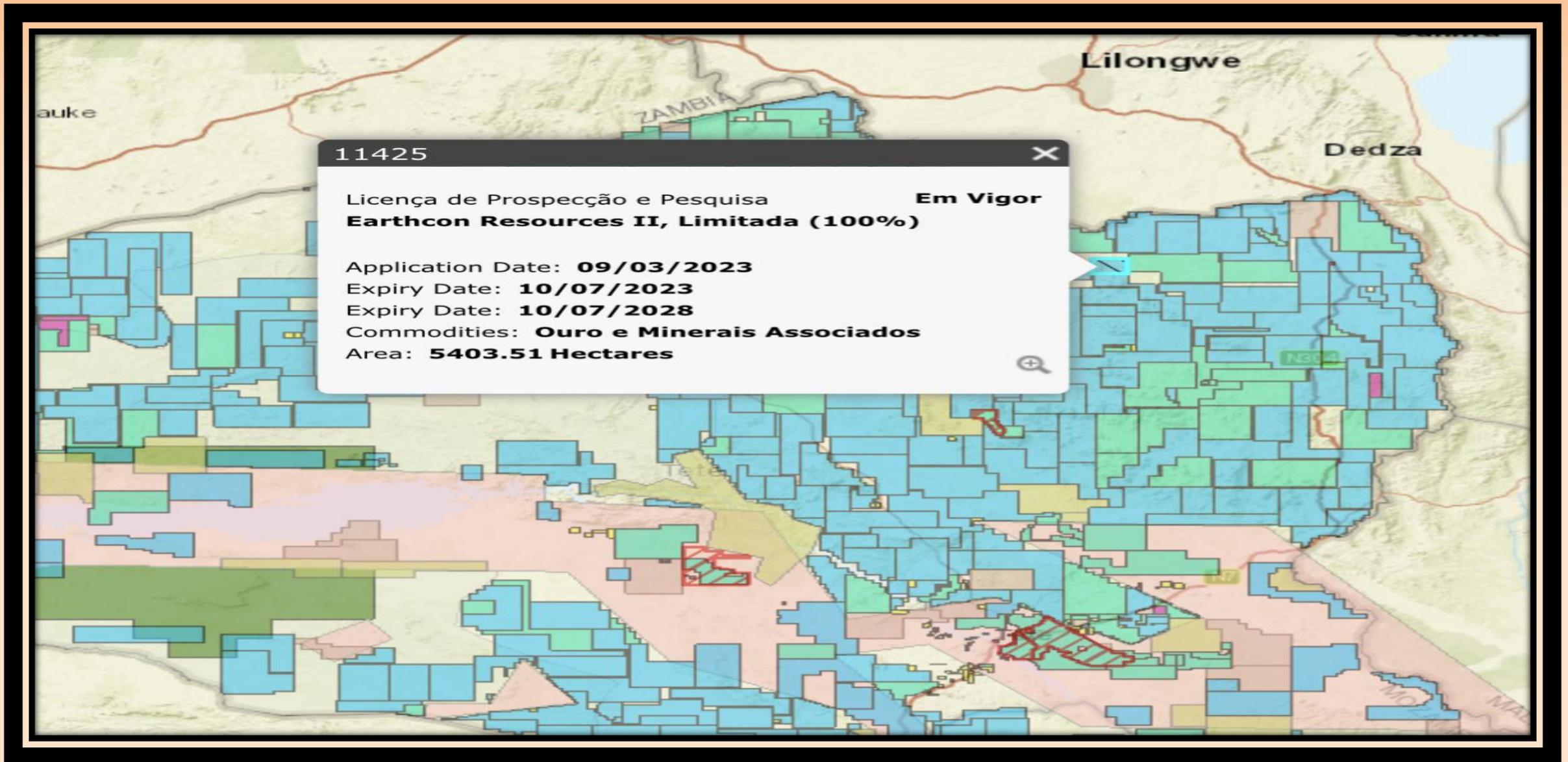


*Fig. 16. Exploration Map showing the potential areas in the study area divide in A, B and C, being the A the most important one, followed by B and C respectively.*

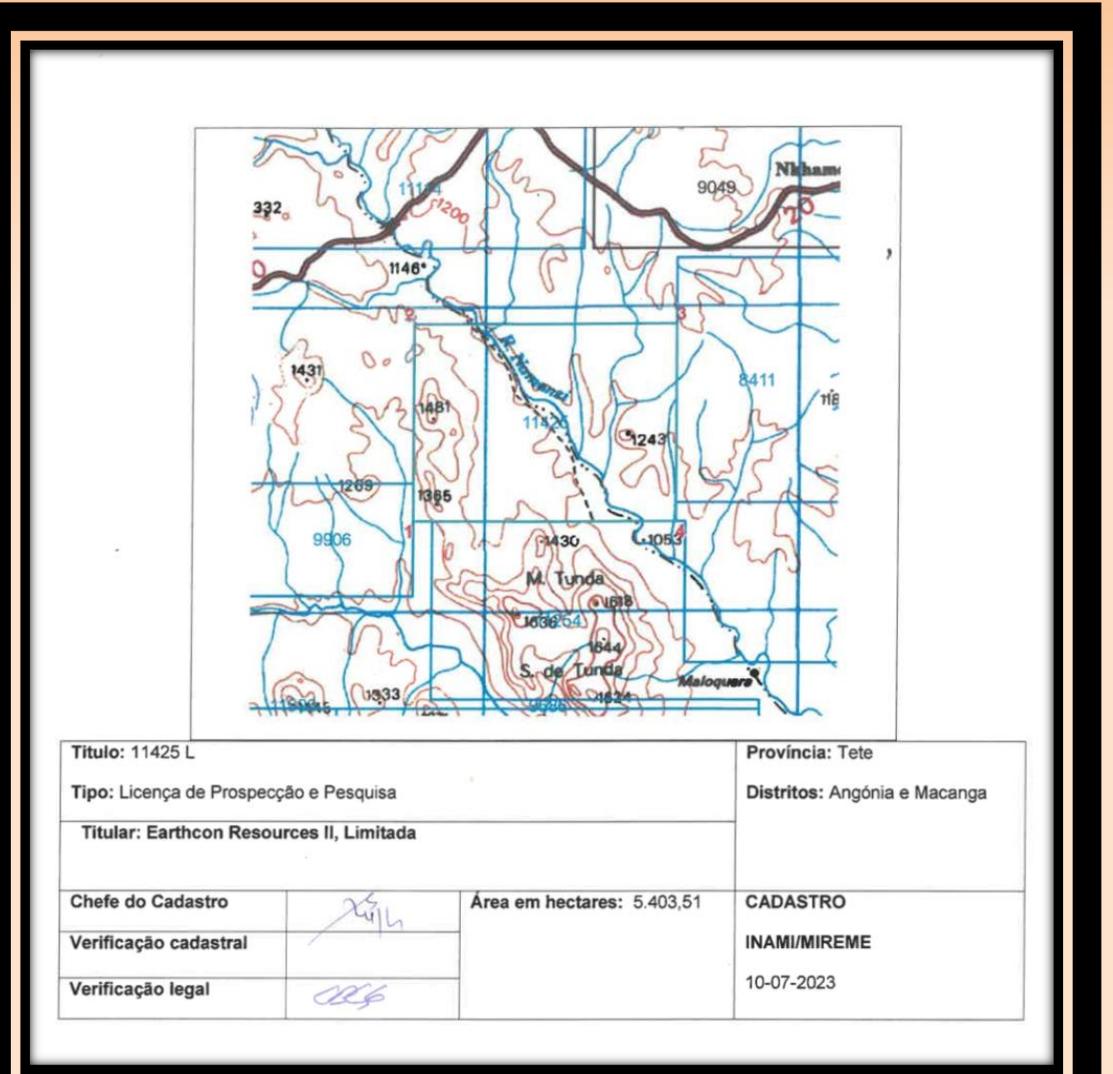
# EARTHCON RESOURCES I – LITHIUM, MONZAITE AND TANTALITE



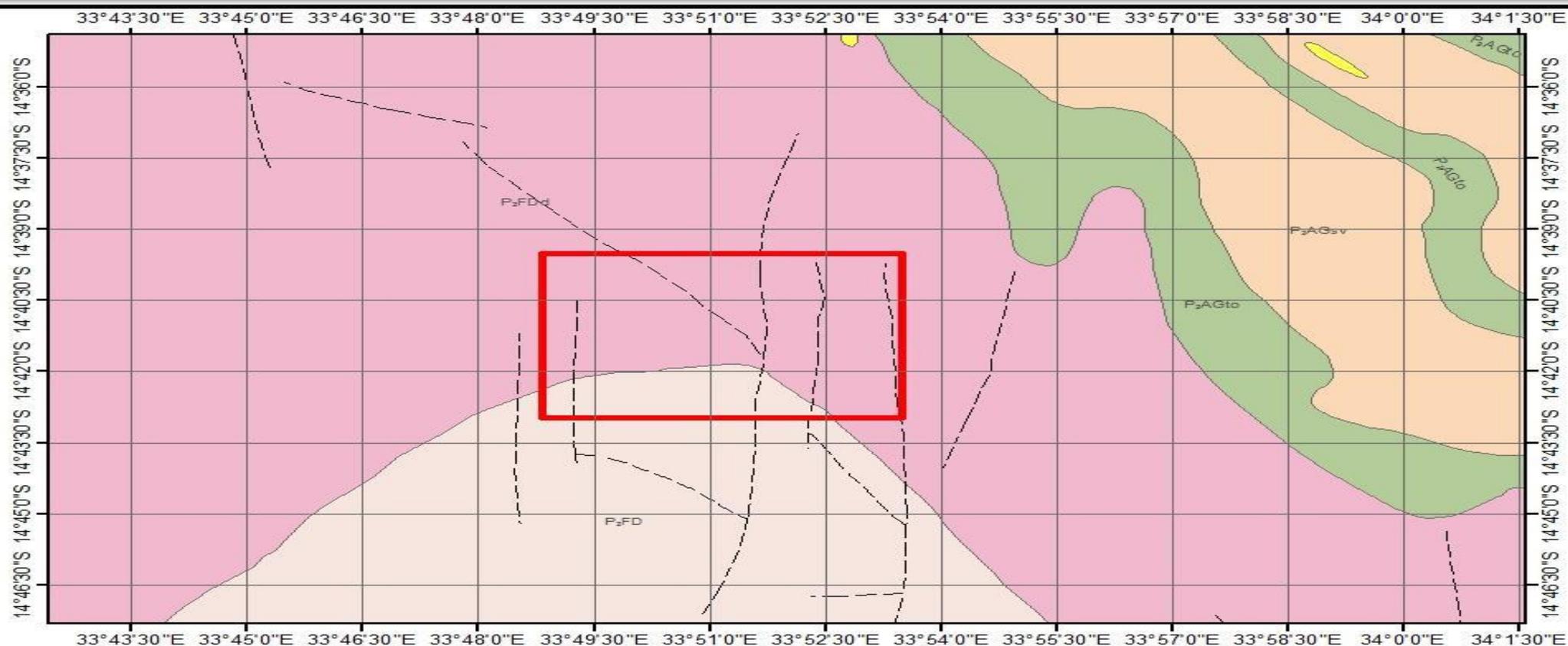
# EARTHCON RESOURCES II – GOLD AND ASSOCIATE MINERALS



# EARTHCON RESOURCES II – GOLD AND ASSOCIATE MINERALS



# EARTHCON RESOURCES II – GOLD AND ASSOCIATE MINERALS

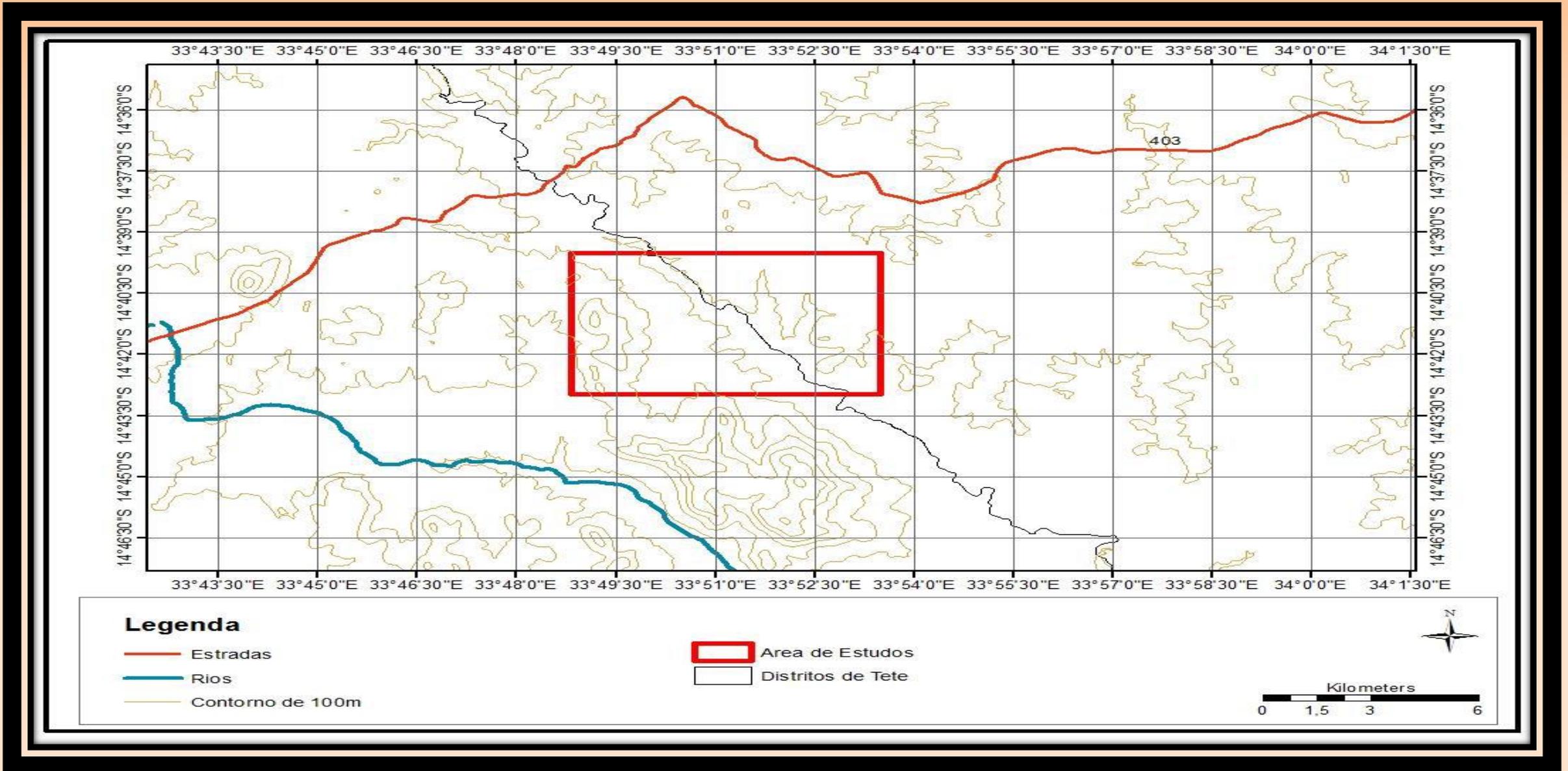


## Legenda

- |  |  |
|--|--|
|  P2FD- Granito de Desaranhama; granito biotítico e granodiorito |  P2AGto- gneiss quartzo-feldspático tonalítico          |
|  P2FDd- Granito de Desaranhama deformado                        |  P2AGsv- Gnaiss quartzo-feldspático e gnaiss anfibólico |
|  P2AGqz- Quartzito  |  Area de Estudos  |



# EARTHCON RESOURCES II – GOLD AND ASSOCIATE MINERALS



# EARTHCON RESOURCES II – GOLD SITE VISIT



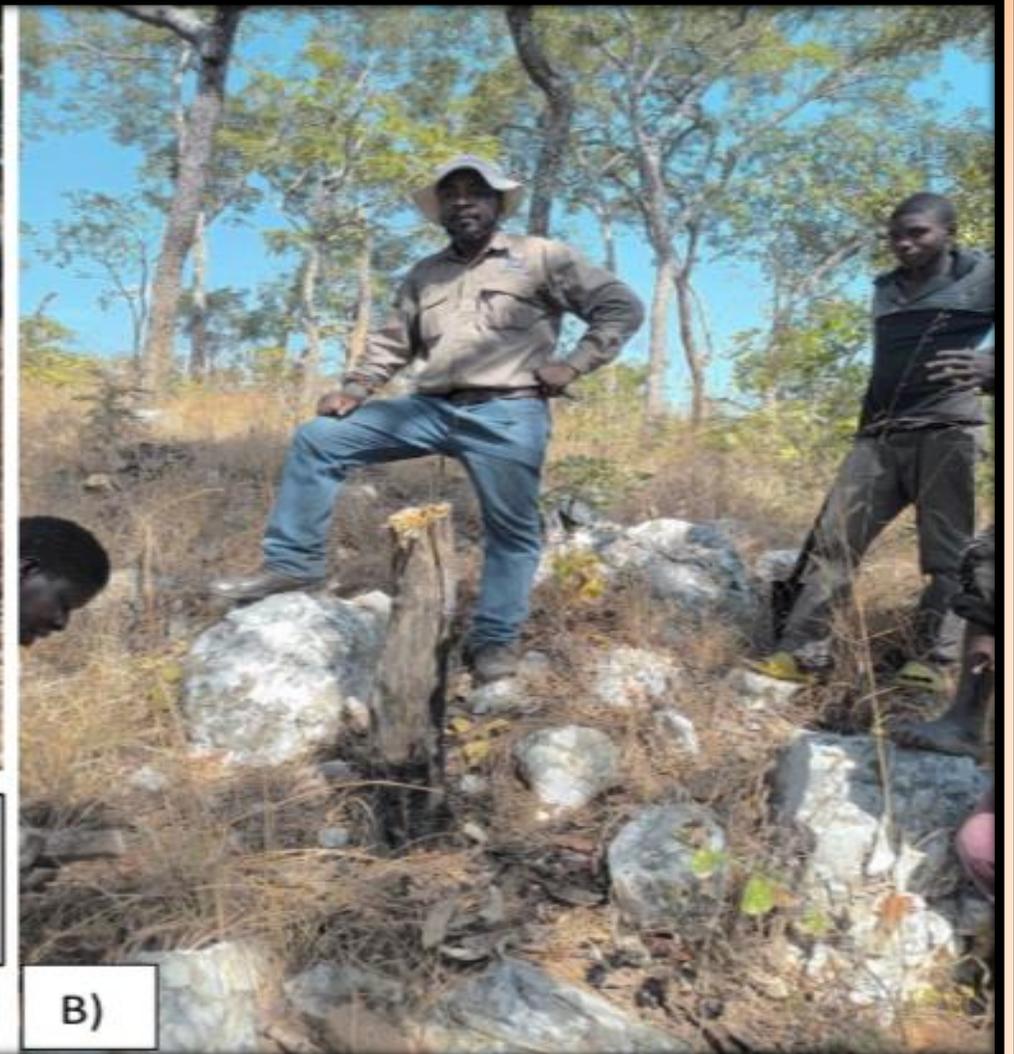
Figure 3: Illustrative images of the typical foliated Desaranhama granites with concordant quartz veins (Image A)). On the Image B) it is illustrated the NW-SE thrusting plane. The image C) illustrates the typical mineralogy of the foliated granites mainly consisting of quartz and feldspar with subordinate disseminated mafic minerals. Photos taken at WGS

# EARTHCON RESOURCES II – GOLD SITE VISIT



Figure 4: The images A) and B) illustrate a N-S striking quartz vein cross cutting the foliation of the foliated Desaranhama granite at the stream of the Namazi River (Photo taken at WGS 84 Zone 36L UTM 590271/8378557). The image C) illustrate the typical N-S jointing on the foliated Desaranhama granites (Photo taken at WGS 84 Zone 36L UTM 598895/8368429).

# EARTHCON RESOURCES II – GOLD SITE VISIT



# EARTHCON RESOURCES II – GOLD SITE VISIT / ARTISNAL MINING



*Figure 8: Illustrative images of the northern illegal gold mining activity in the western Namazi River bank (Photo taken at WGS 84 Zone 36L UTM 589934/8378840).*

# EARTHCON RESOURCES II – GOLD SITE VISIT / ARTISANAL MINING



A)



B)

*Figure 9: Illustrative images of the southern illegal gold mining activity within the stream of the Namazi River. The Figure B) illustrates the recovered gold from the panned sample. Photo taken at WGS 84 Zone 36L UTM*

# EARTHCON RESOURCES II – GOLD ARTISANAL MINING



*Figure 10: Illustrative image of the panning of the sample collected at WGS 84 Zone 36L UTM 589098/8377967. The image A) illustrates the recovered Gold from the panned sample.*

# EARTHCON RESOURCES II – GOLD ARTISANAL MINING



# EARTHCON RESOURCES II – GOLD AND ASSOCIATE MINERALS



*Figure 11: Illustrative images of the cropping out quartz veins within the northern wall of the gulch where the locals claim to extract gold during the raining season. Photo taken at WGS 84 Zone 36L UTM 592281/8373985*



# EARTHCON RESOURCES II – GOLD AND ASSOCIATE MINERALS



*Figure 11: Illustrative images of the cropping out quartz veins within the northern wall of the gulch where the locals claim to extract gold during the raining season. Photo taken at WGS 84 Zone 36L UTM 592281/8373985*



# EARTHCON RESOURCES II – GOLD AND ASSOCIATE MINERALS



# EARTHCON RESOURCES II – GOLD AND ASSOCIATE MINERALS

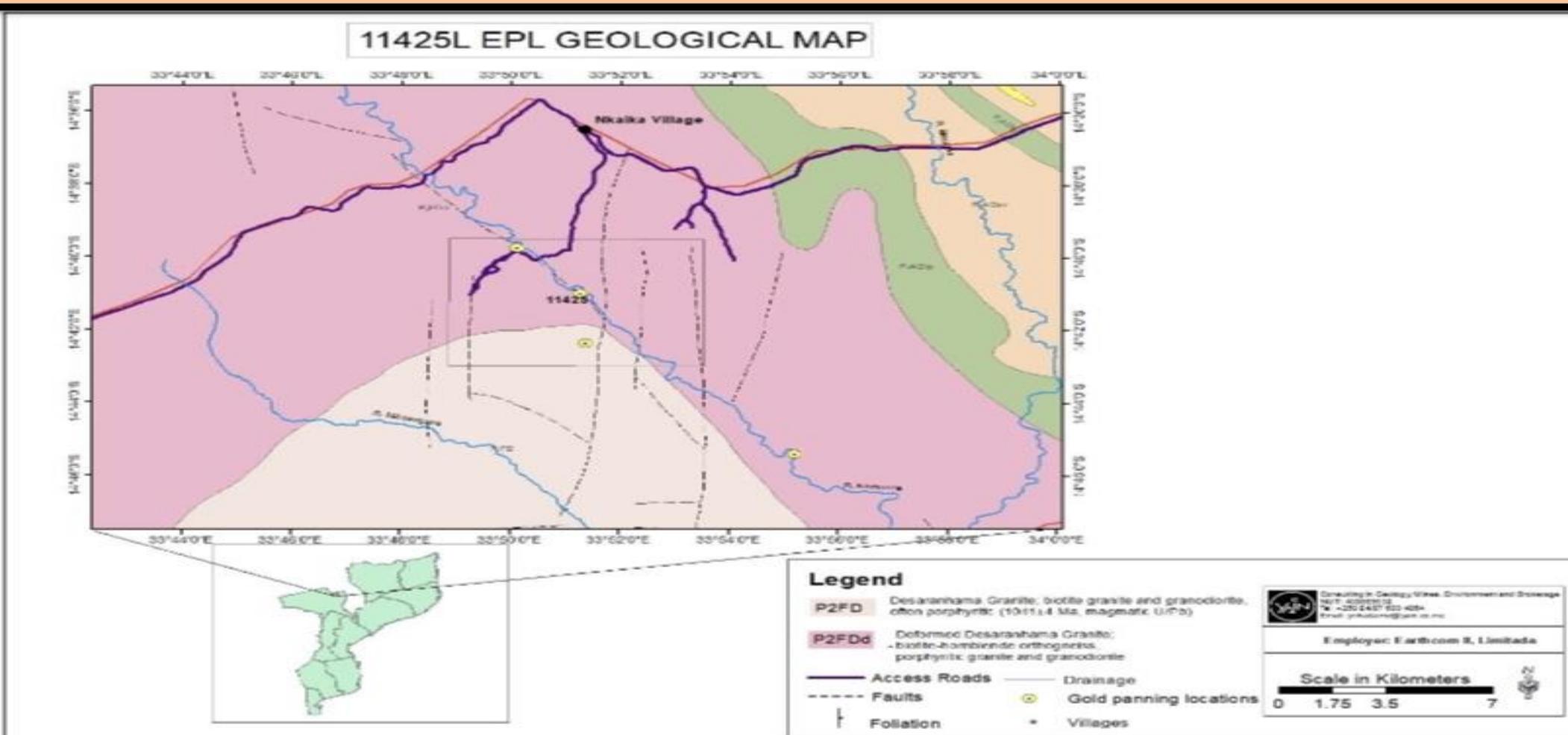
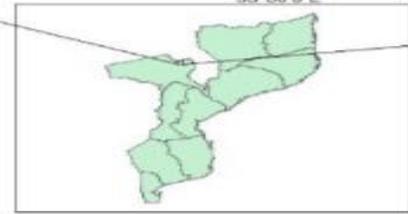
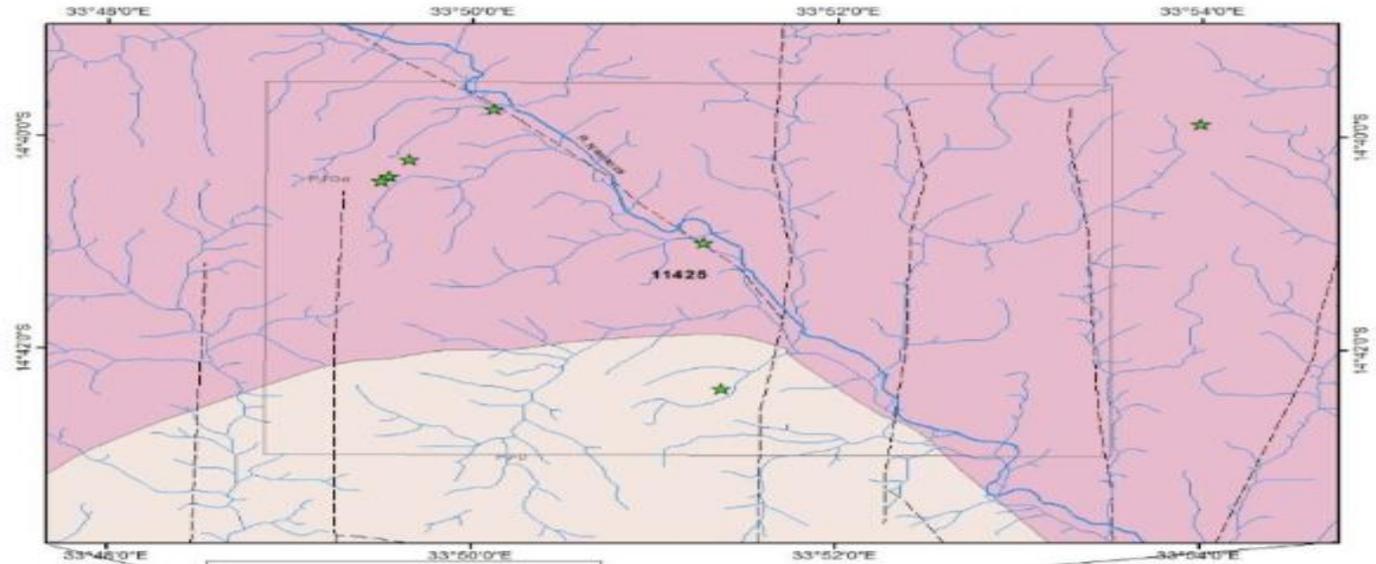


Figure 12: Geological map of the License 11425L illustrating the location of the illegal artisanal gold mining activity. Map adapted after GTK Consortium 2006, scale 1:250 000.

# EARTHCON RESOURCES II – GOLD AND ASSOCIATE MINERALS


**Consultoria em Geologia, Minas, Ambiente e Intermediação Comercial**  
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 Bairro 3 de Fevereiro, Distrito Urbano nº1, Cidade de Pemba - Moçambique  
 Tel: +258 84/87 600 4864 E-mail: ynhadamo@yain.co.mz

## 11425L EPL GEOLOGICAL MAP



**Legend**

<b>P2FD</b>	Desaranhama Granite: biotite granite and granodiorite, often porphyritic (1041±4 Ma, magmatic U/Pb)
<b>P2FDd</b>	Deformed Desaranhama Granite: biotite-hornblende orthogneiss, porphyritic granite and granodiorite
	Access Roads
	Faults
	Foliation
	Drainage
	Sample Location
	Villages


 Consulting in Geology, Mines, Environment and Storage  
 NUIT: 400669538  
 Tel: +258 84/87 600 4864  
 Email: ynhadamo@yain.co.mz

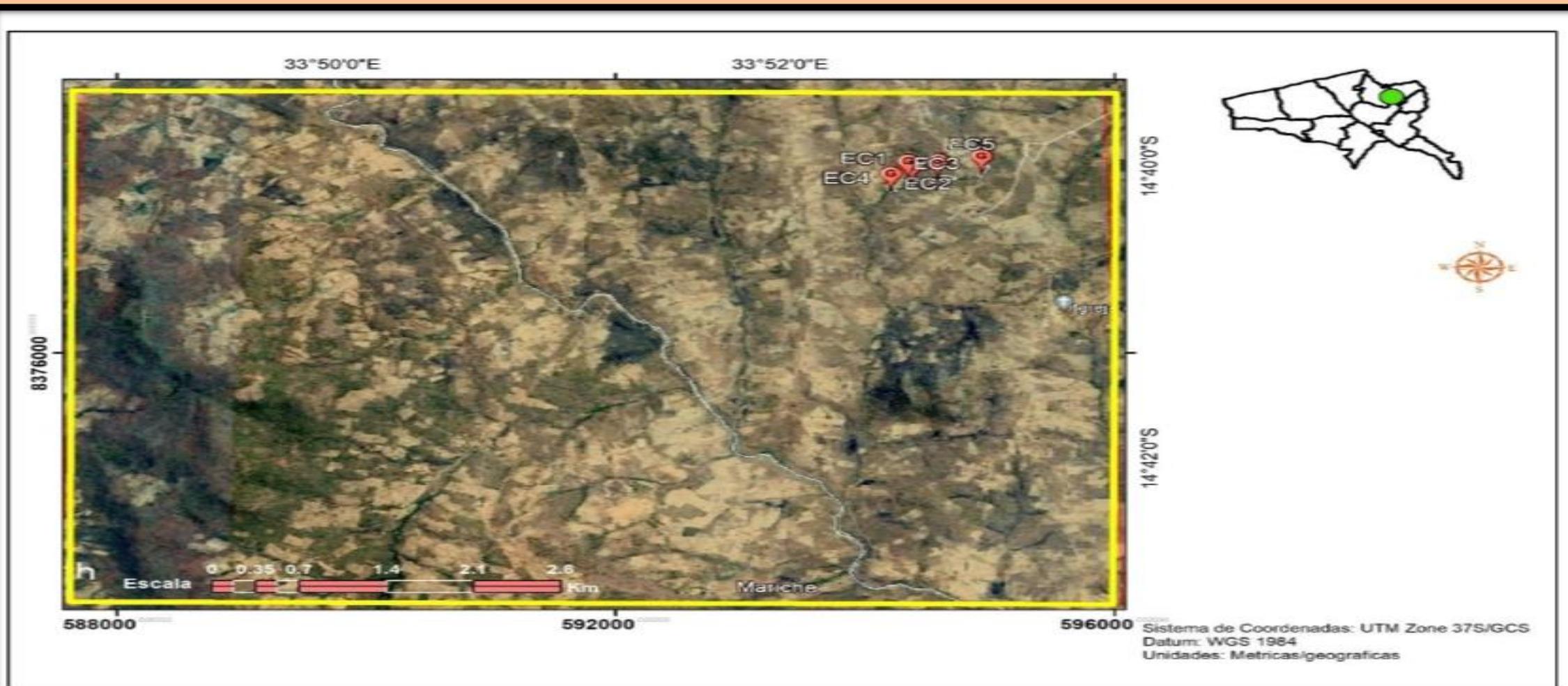
Employer: Earthcom II, Limitada

Scale in Kilometers



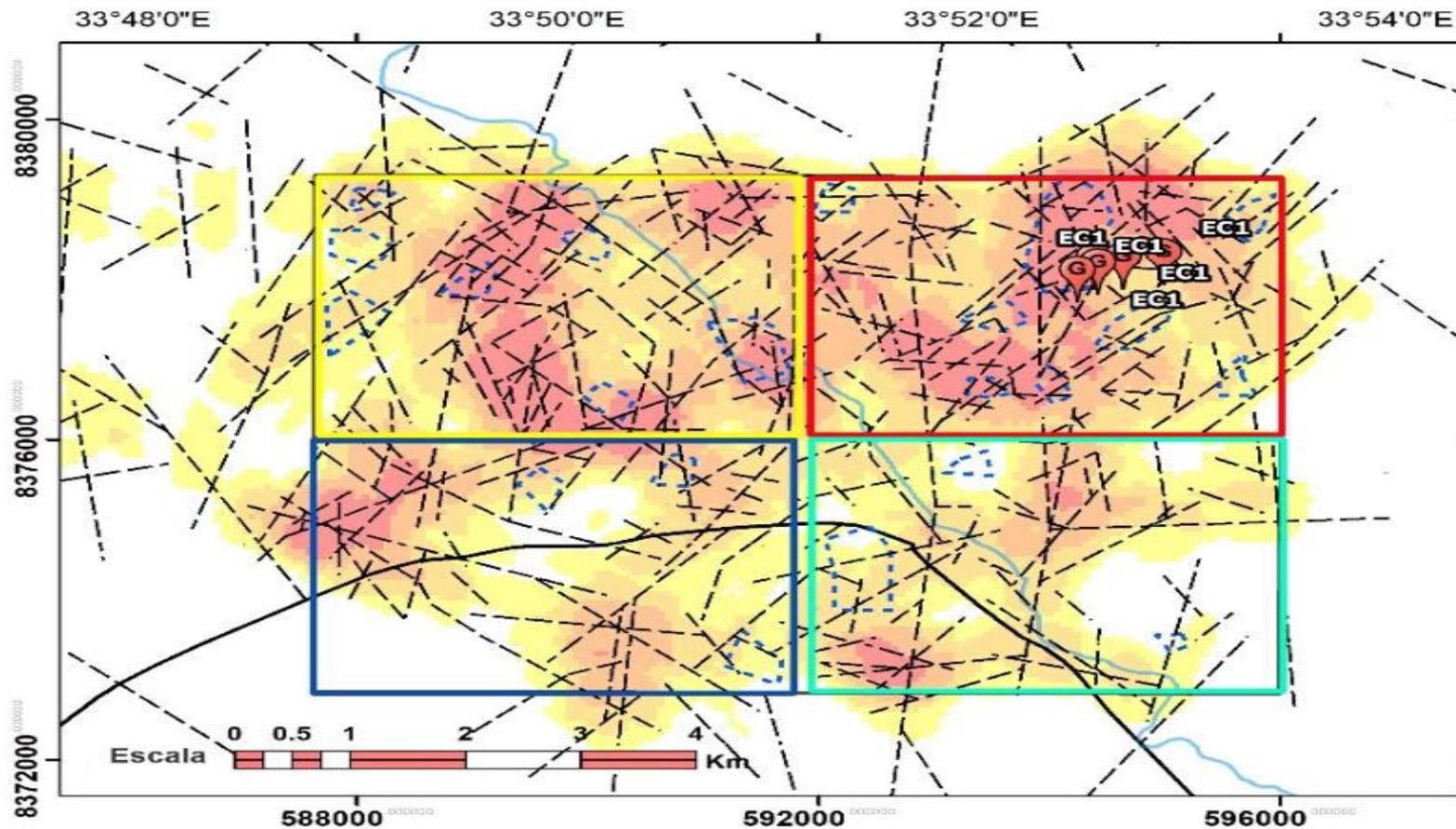

Figure 14: Geological map of the License 11425L illustrating the location of the collected samples. Map adapted after GTK Consortium 2006, scale 1:250 000.

# EARTHCON RESOURCES II – GOLD AND ASSOCIATE MINERALS



*Fig. 19. Area with local miners activities (Gold extraction)*

# EARTHCON RESOURCES II – GOLD AND ASSOCIATE MINERALS



## Legend

### SymbolID

Artesanal Activities

Lineaments\_11425

Target\_Area

Rivers\_Moz

### Geology (GTK)

Geological contact

11425L

### Quadrant (descendant Order)

1st

4th

2nd

3rd

### LineDen\_11425.tif

High density

Low Density



# EARTHCON RESOURCES III – LITHIUM AND TANTALITE



# EARTHCON RESOURCES III – LITHIUM AND TANTALITE

  
**República de Moçambique**  
**Ministério dos Recursos Minerais e Energia**  
(Lei n° 20/2014, de 18 de Agosto; Lei n° 28/2014, de 23 de setembro; e Seus Regulamentos)

***Licença de Prospeção e Pesquisa***  
***11441L***

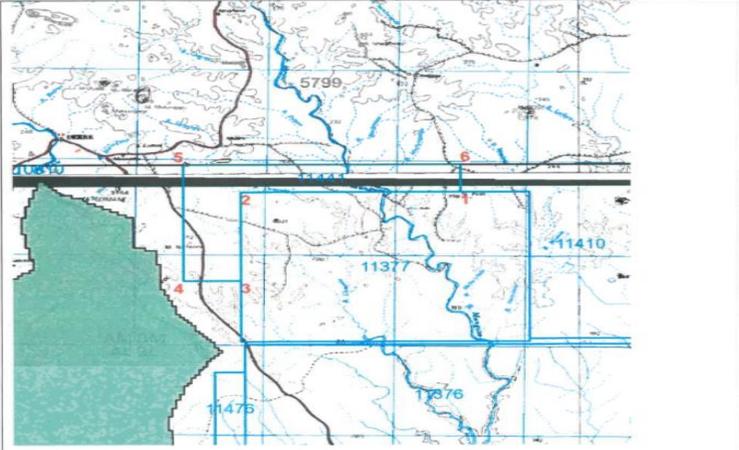
**Titular:**  
*Earthcon Resources III, Limitada*

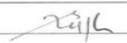
**Província:**  
*Zambézia*

**Recursos minerais abrangidos:**  
*Espodumena, Lepidolite, Lítio, Tantalite e Minerais Associados*

**Data de emissão:** 20-09-2023      **Válida até:** 20-09-2028

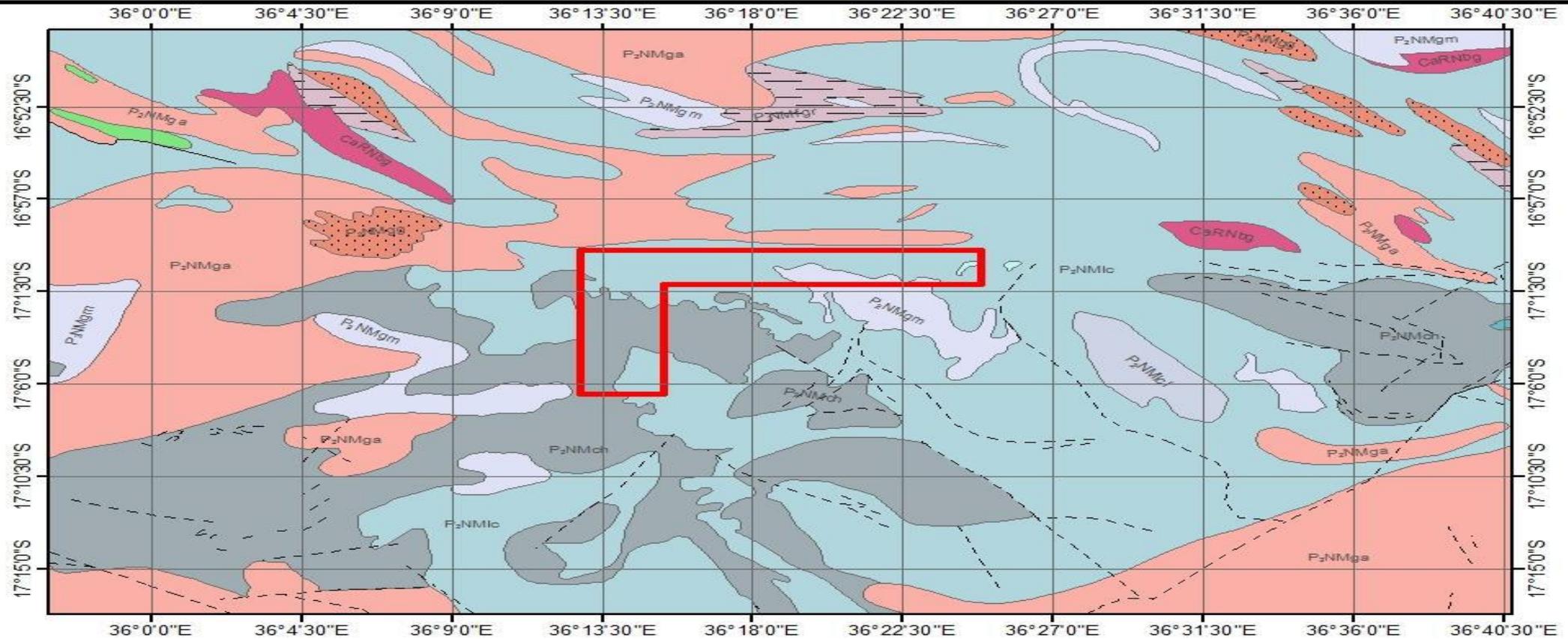
**O Ministro dos Recursos Minerais e Energia**  
  
**Carlos Joaquim Zacarias**



<b>Título:</b> 11441 L		<b>Província:</b> Zambézia
<b>Tipo:</b> Licença de Prospeção e Pesquisa		<b>Distrito:</b> Mocuba
<b>Titular:</b> Earthcon Resources III, Limitada		
<b>Chefe do Cadastro</b>		<b>Área em hectares:</b> 10.921,77
<b>Verificação cadastral</b>		
<b>Verificação legal</b>		
		<b>CADASTRO</b> INAMI/MIREME 20-09-2023



# EARTHCON RESOURCES III – LITHIUM AND TANTALITE



## Legenda

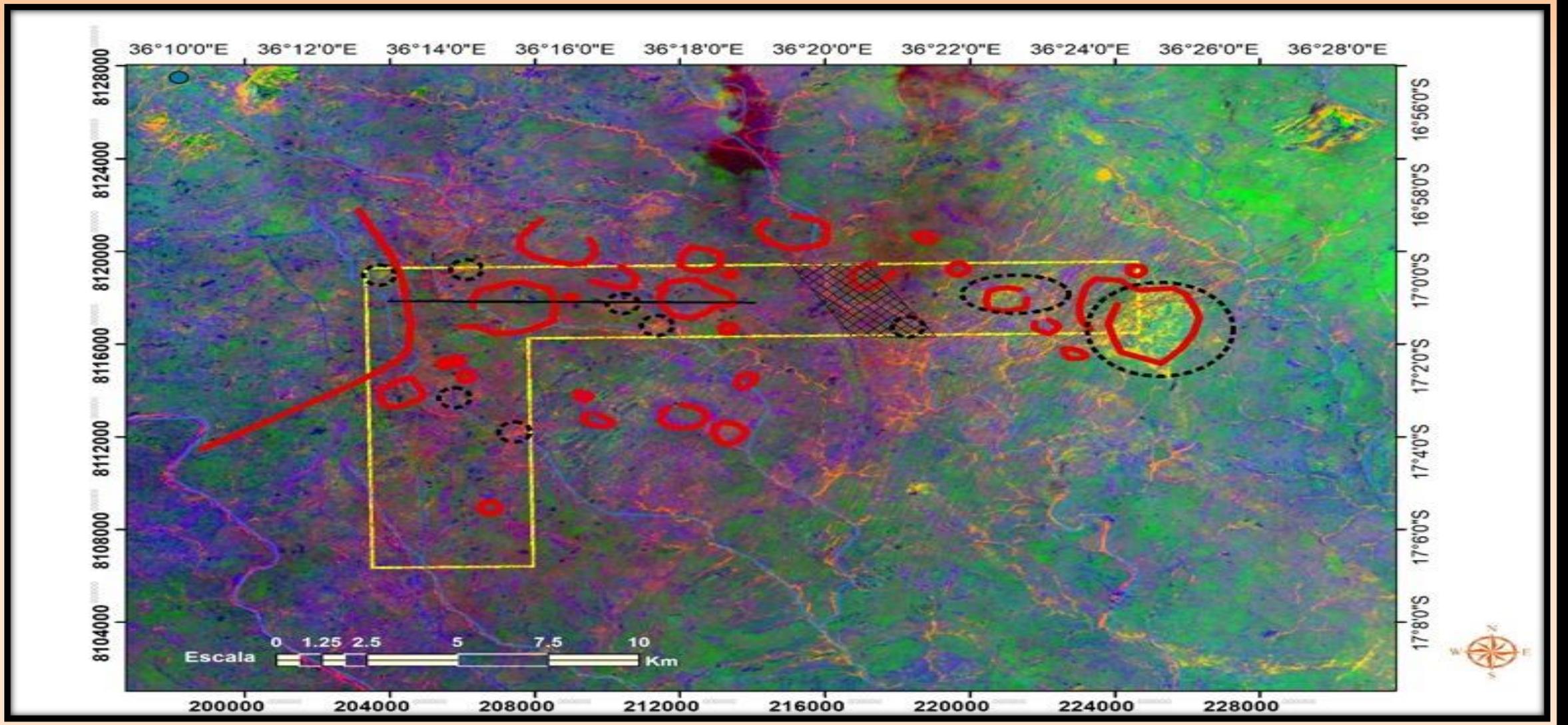
- P2NMic- Gnaiss leucocrático de grão médio, migmatítico
- P2NMga- Gnaiss ocelado com charnoquito, migmatítico
- P2NMch- Chamoquito
- P2NMicI- Gnaiss leucocrático

- P2NMgm- Gnaiss biotítico bandado e migmatito
- Area de Estudos

Kilometers  
0 2,25 4,5 9



# EARTHCON RESOURCES III – LITHIUM AND TANTALITE



# EARTHCON RESOURCES III – LITHIUM AND TANTALITE

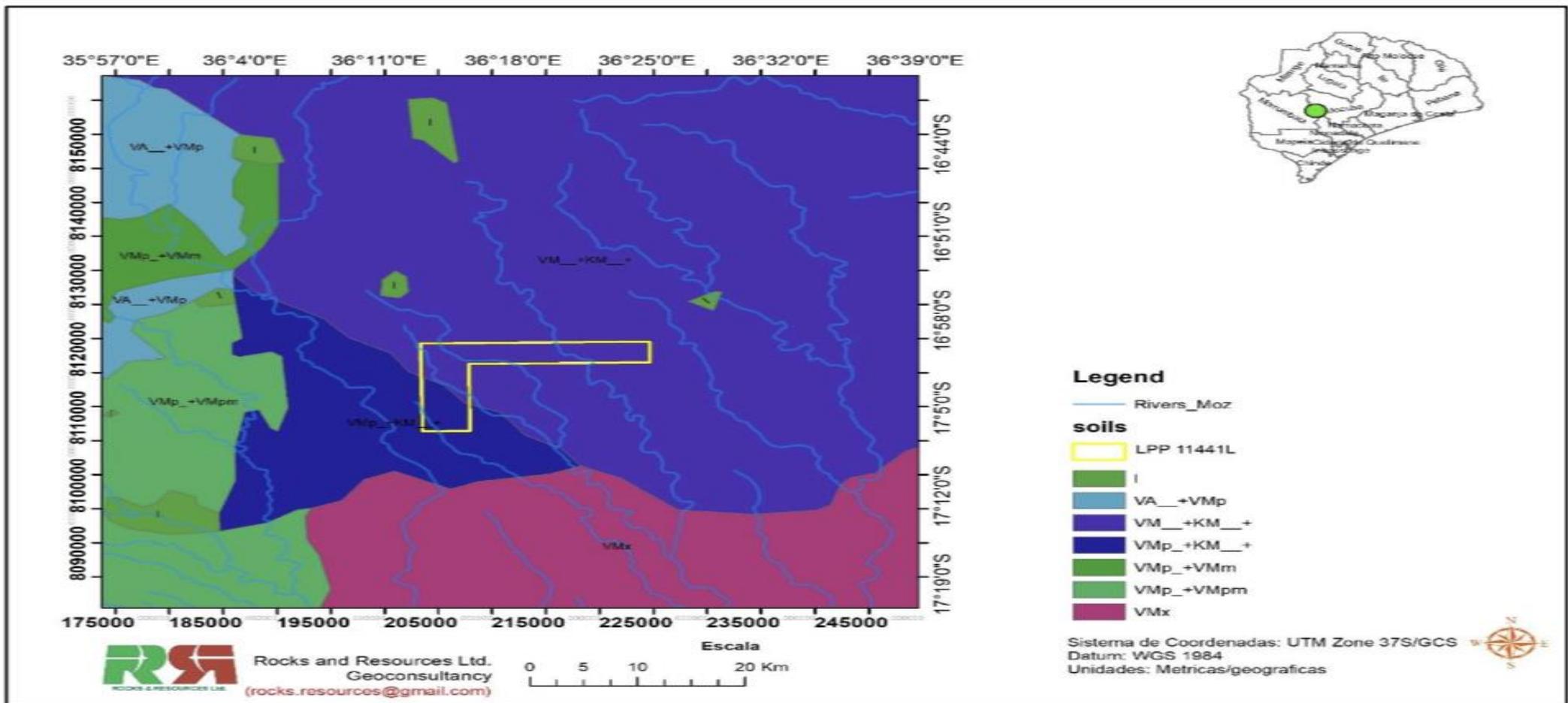
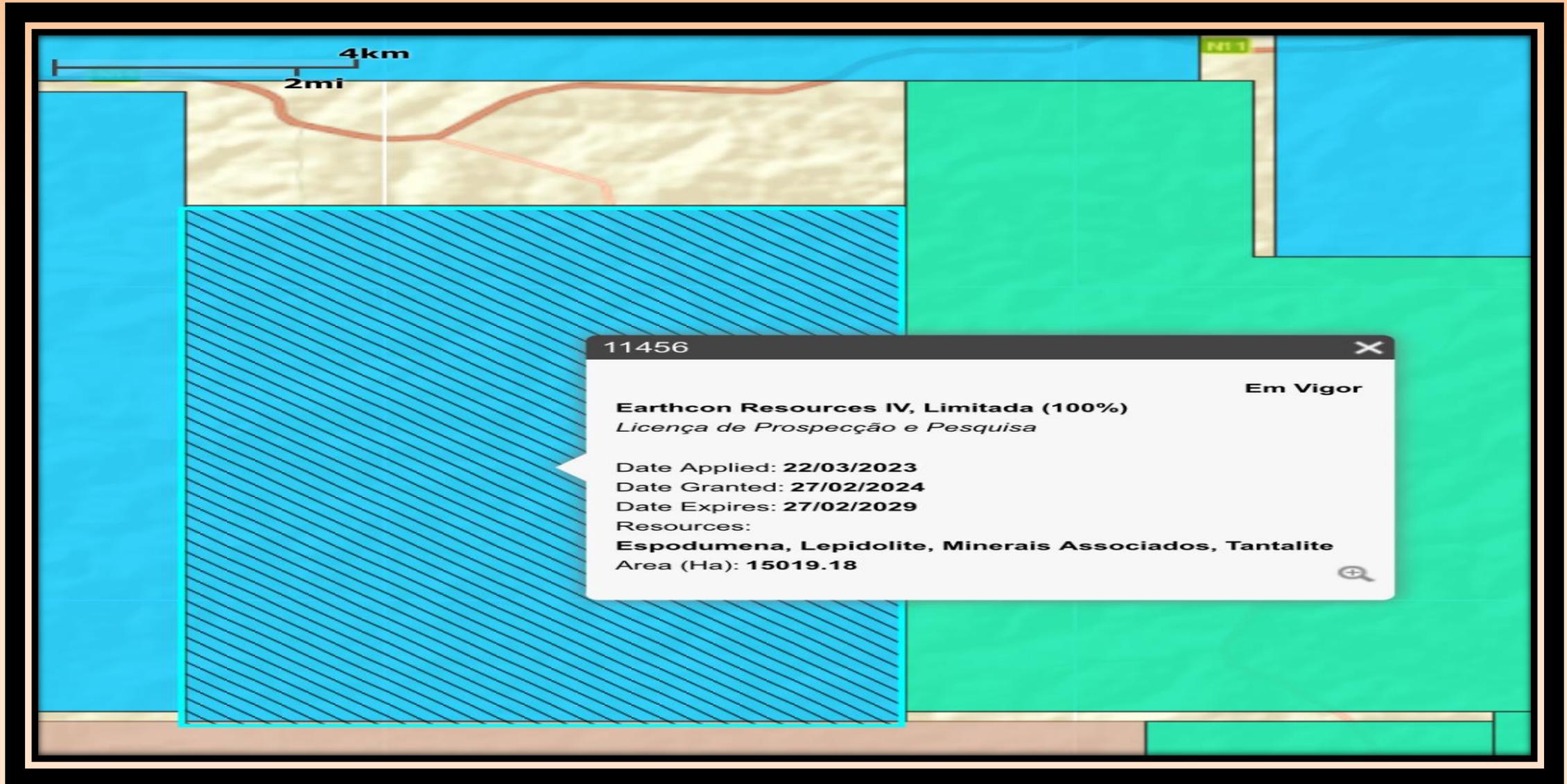


Fig. 3. Regional Soil Map 1:250K of the study area, the insertion indicates the study area.

# EARTHCON RESOURCES III – LITHIUM AND TANTALITE

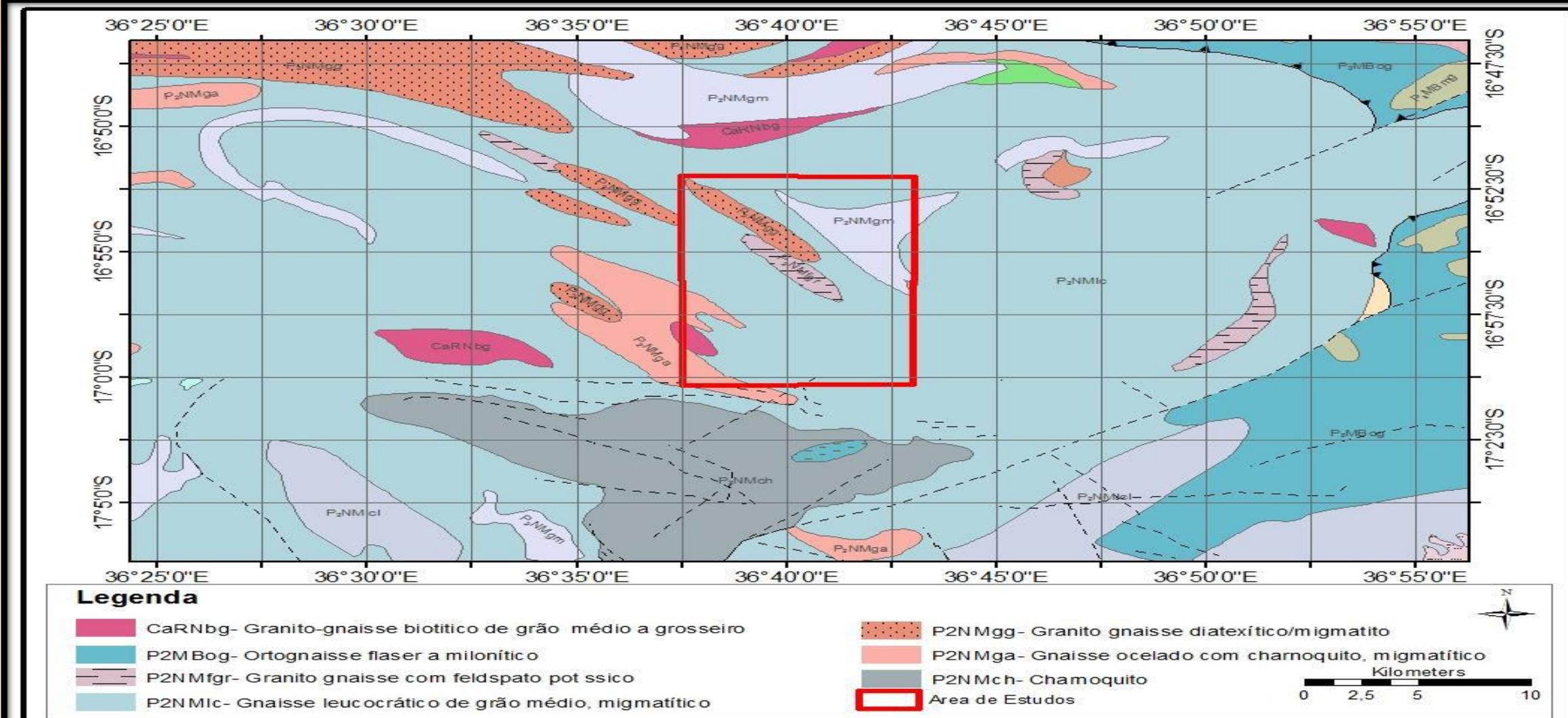


# EARTHCON RESOURCES IV – LITHIUM AND TANTALITE





# EARTHCON RESOURCES IV – LITHIUM AND TANTALITE



# EARTHCON RESOURCES IV – LITHIUM AND TANTALITE



# EARTHCON RESOURCES IV – LITHIUM AND TANTALITE

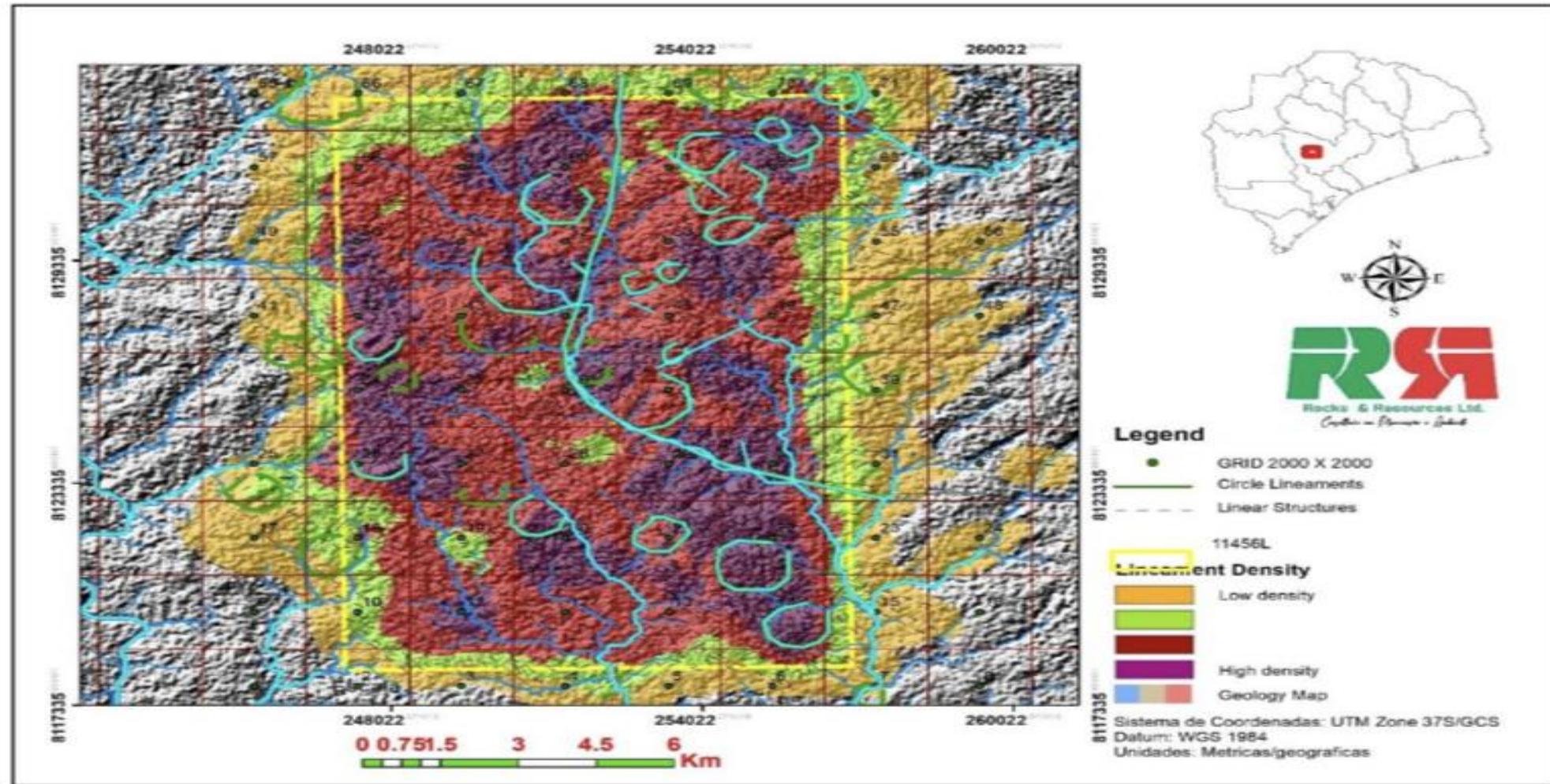


Fig. 17. Map WITH Grid cells of 2 x2Km (illustrating density lineaments, in the study area by colour scale).

# EARTHCON RESOURCES IV – LITHIUM AND TANTALITE

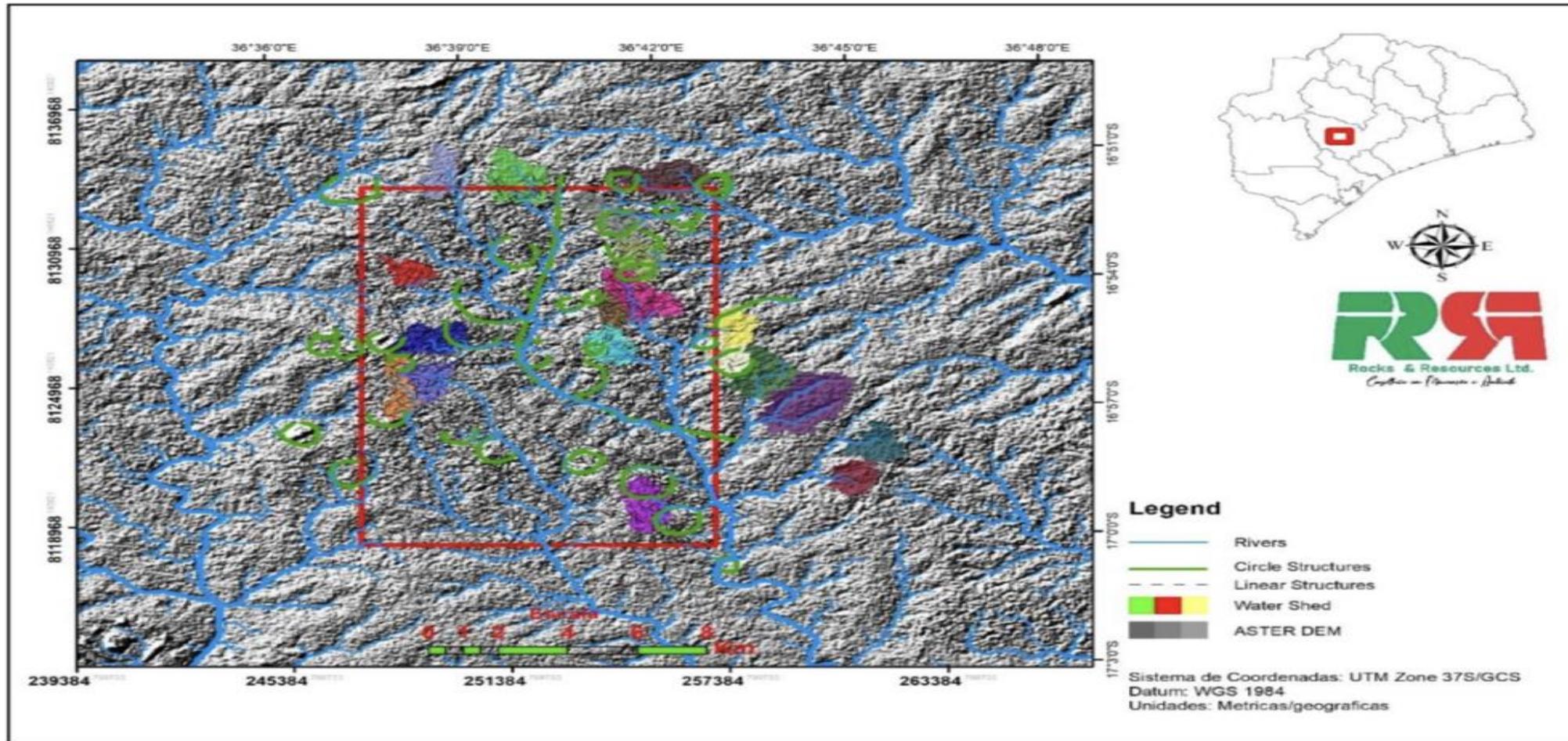


Fig. 18. Map Watershed\_Basin and lineaments overlie, in the study area

# EARTHCON RESOURCES IV – LITHIUM AND TANTALITE

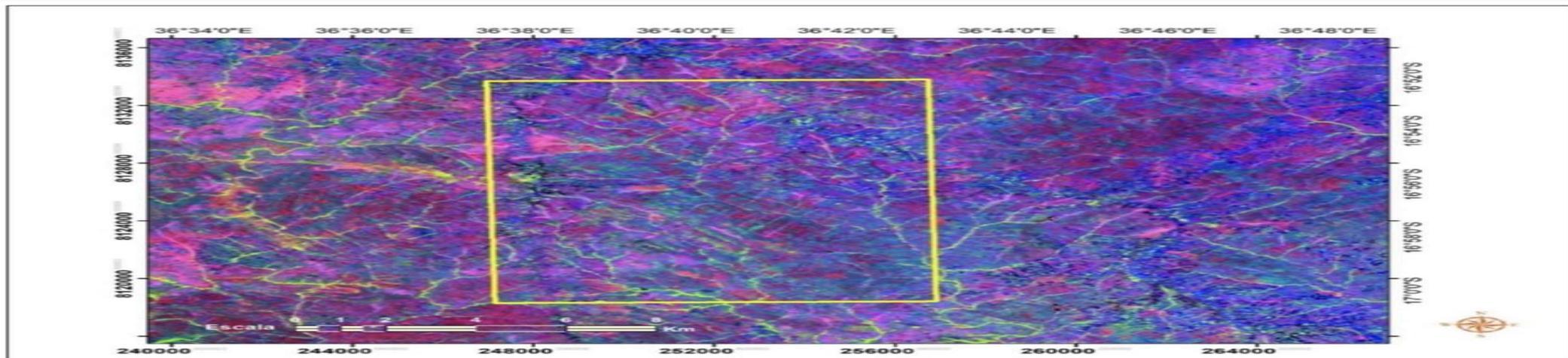


Fig. 9. RGB of PC2-4-6, show in deep dark

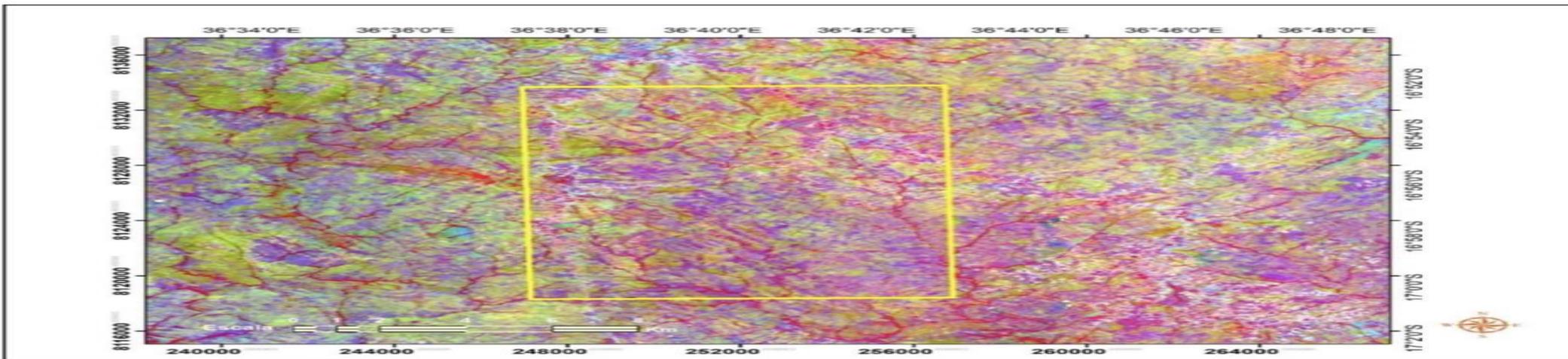


Fig. 10. RGB of PC2-5-6, show in a yellow and light blue area with hydrothermal alteration target in dashed black circle

# EARTHCON RESOURCES IV – LITHIUM AND TANTALITE

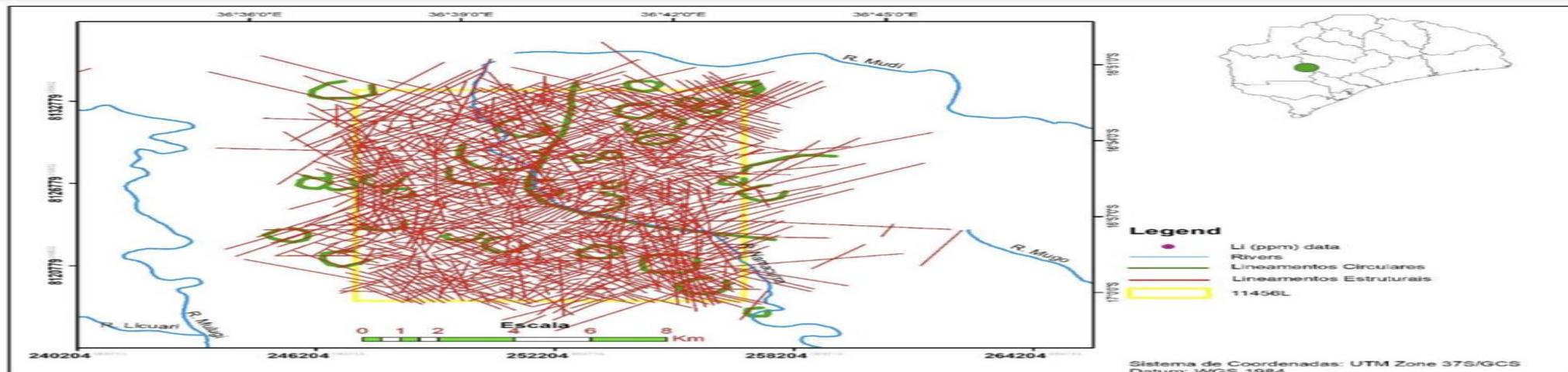


Fig. 11. Map illustrating the predominant structures in the study area.

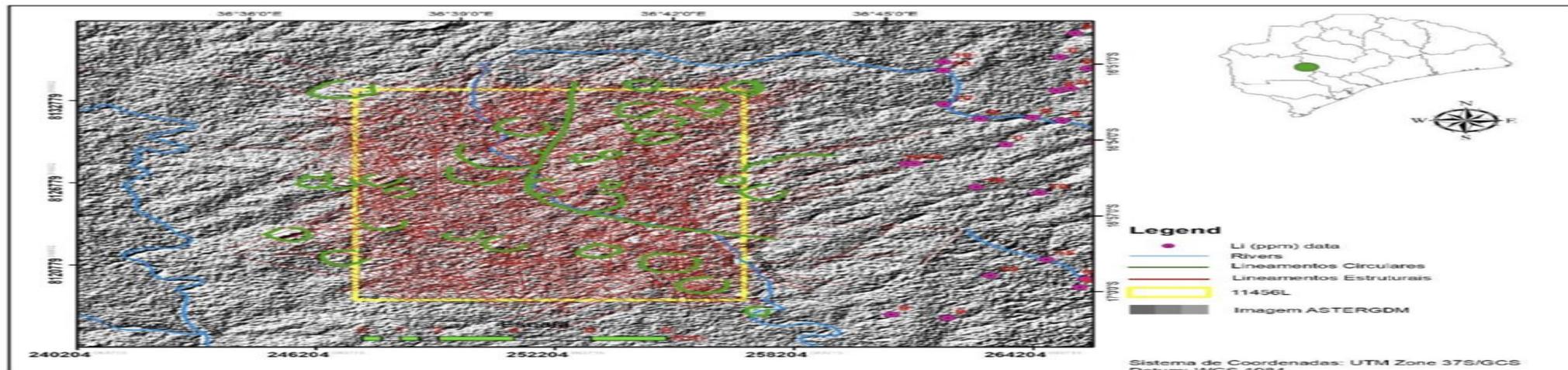
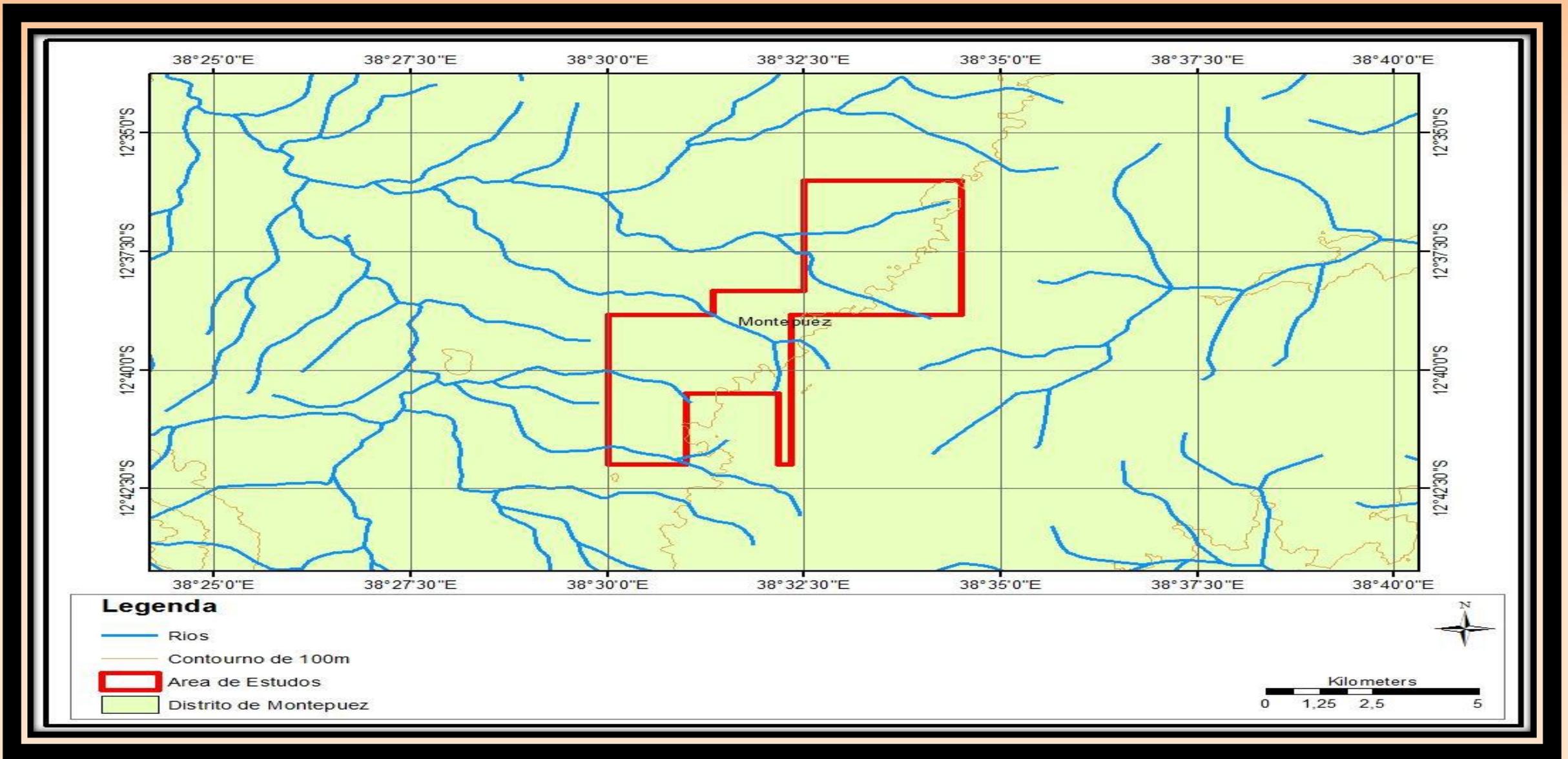


Fig. 12. Map illustrating the predominant structures in the study area.

# EARTHCON RESOURCES V – GOLD, RUBY AND SAPPHIRE



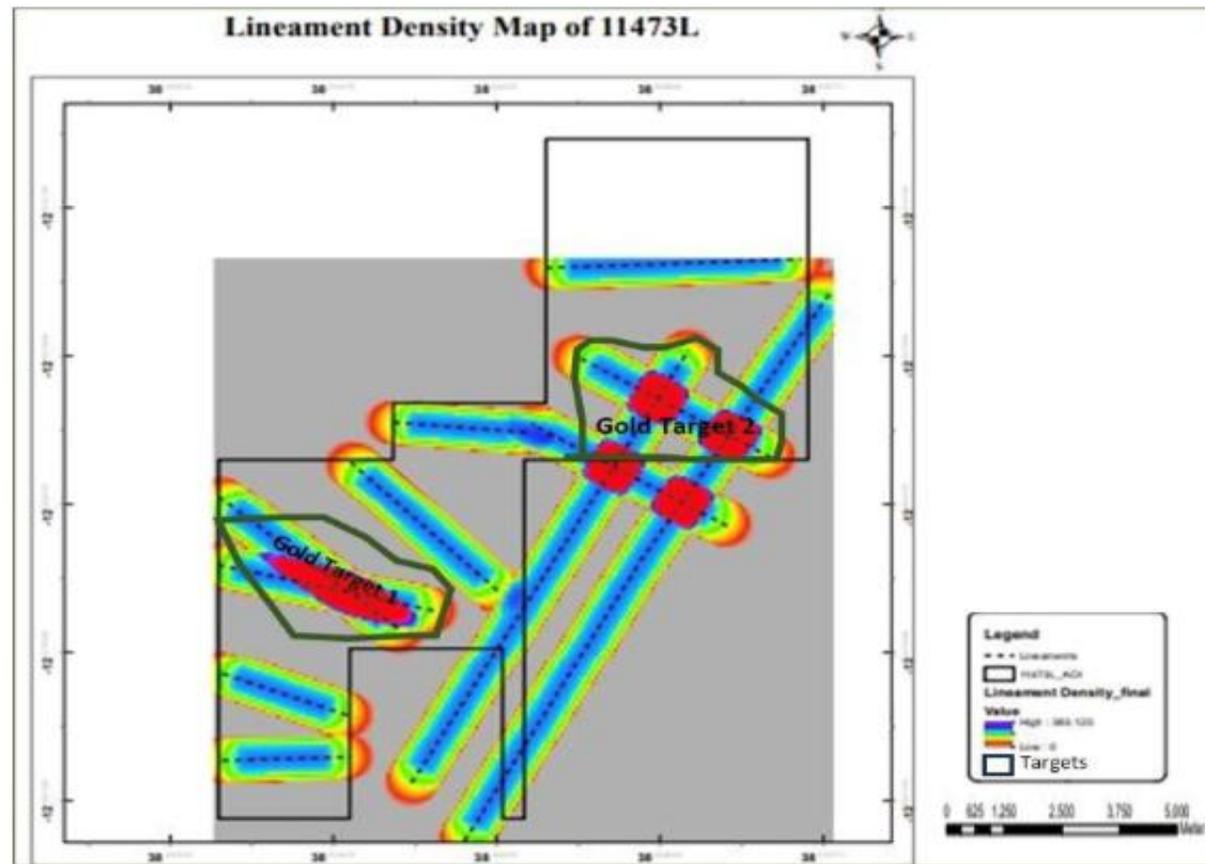
# EARTHCON RESOURCES V – GOLD, RUBY AND SAPPHIRE





# EARTHCON RESOURCES V – GOLD DESKTOP STUDY

## Integrated structures/ Lineament Map and the lineament density of the area covered by the project 11473L

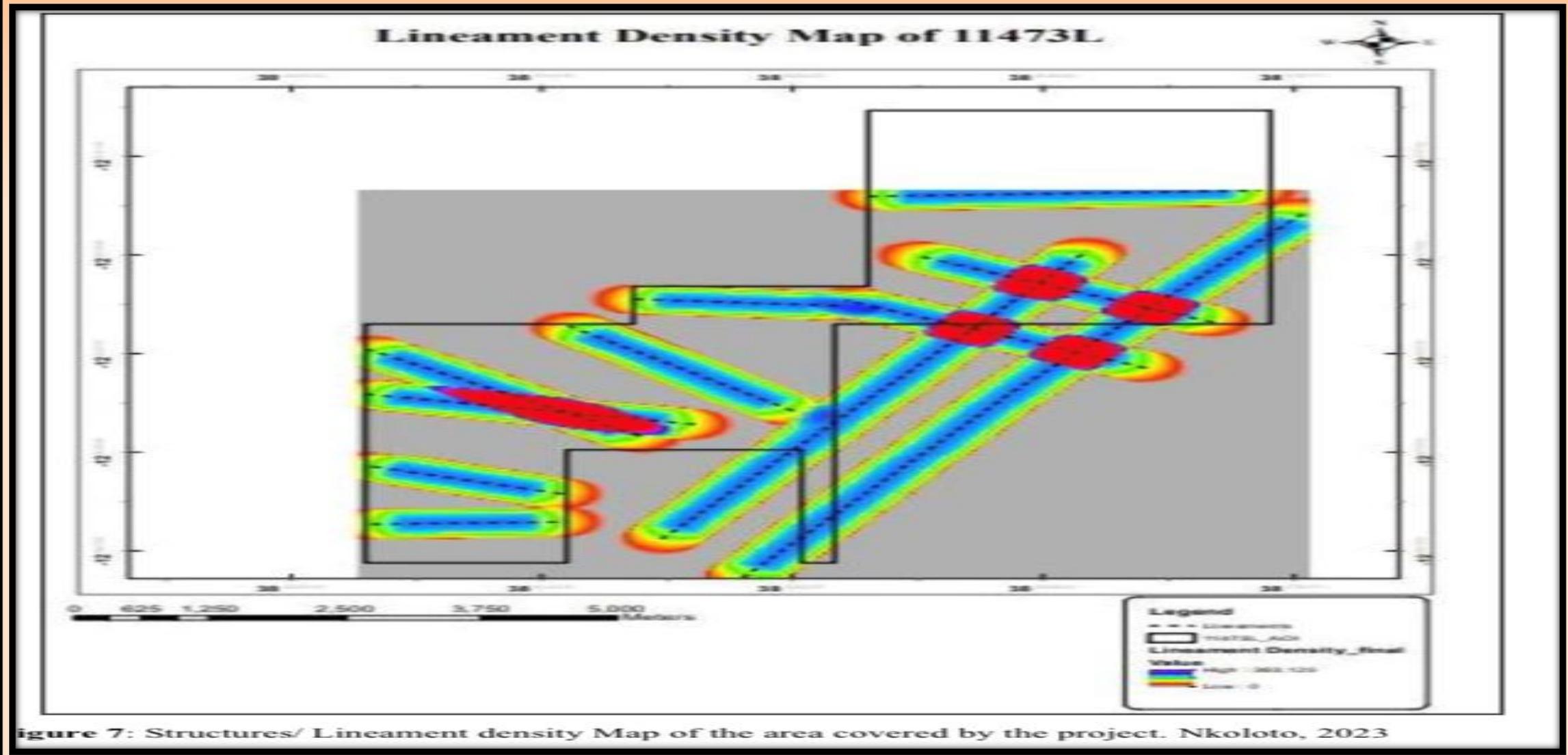


Based on the lineament density map, the study area is dominated by high-density areas. The high-density areas are scattered in the Central and northeastern part of the study area so this 2-zone area research area for the next level of gold Exploration. The presence of lineament in the study area affects the hydrothermal fluid circulation in the study area.

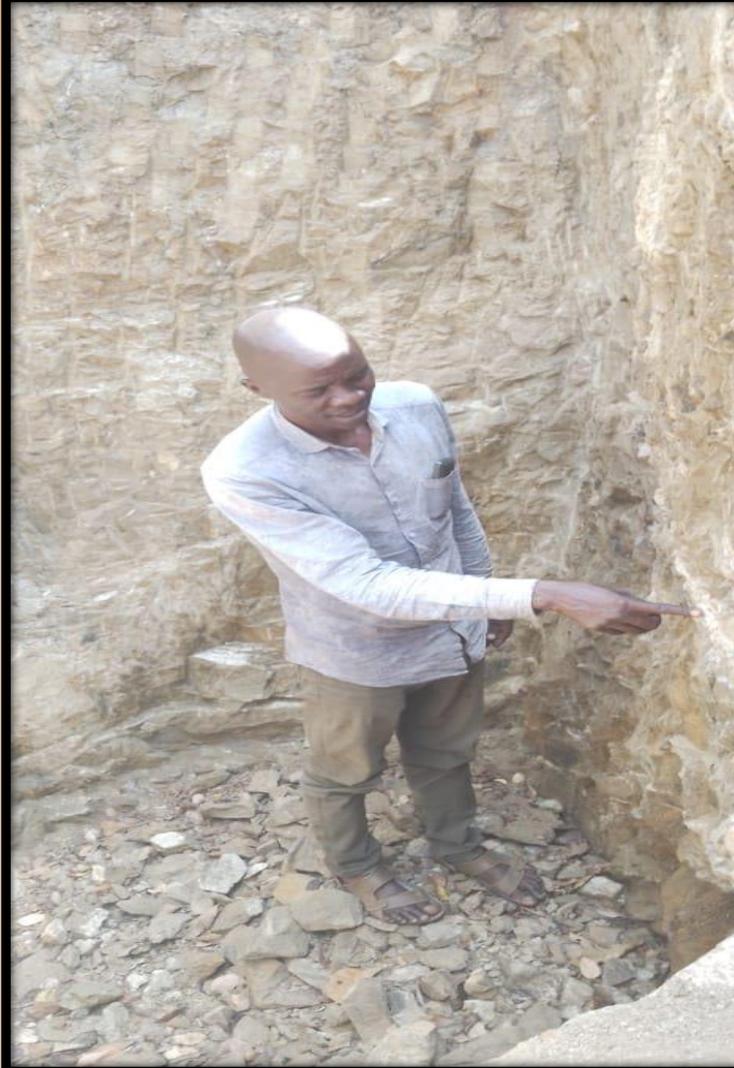
These are the targets for the further investigation/ exploration for gold and associated minerals.

**Figure 9:** Integrated DEM and structures/ Lineament Map with the target areas for future gold and associated minerals exploration. Nkoloto, 2023

# EARTHCON RESOURCES V – GOLD DESKTOP REPORT



# EARTHCON RESOURCES V – GOLD SITE VISIT



# EARTHCON RESOURCES V – GOLD SITE VISIT (PRIMARY DEPOSIT)



# EARTHCON RESOURCES V – GOLD SITE VISIT (PRIMARY DEPOSIT)



# EARTHCON RESOURCES V – GOLD SITE VISIT (PRIMARY DEPOSIT)



Figure 7. Primary Gold extraction process; **a)** Well ; **b)** rock samples from de well; **c)**Manual crushing process; **d)** crushed material to mill; **e)** Visible gold in some crushed rocks; **f)**Ball mill; **g)**Milling process; **h)** Washing of milled material; **i)** Gold concentrate

# EARTHCON RESOURCES V – GOLD SITE VISIT (PRIMARY DEPOSIT)



Figure 11. Points D & G, a) Tonalitic rocks; b) Oxidised quartz-feldspatic rubble; c) Gossans (Sulphide alteration rock); Quartzite rubble.

# EARTHCON RESOURCES V – GOLD SITE VISIT (PRIMARY DEPOSIT)

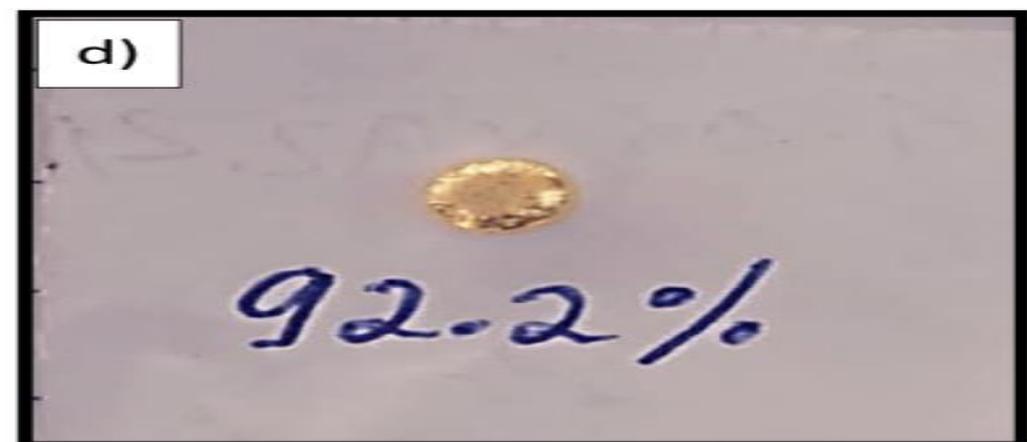


Figure 6. New excavated; a) Pit Footprinter; b) Gravel washing process; c) Fine gold; d) Gold concentrate

# EARTHCON RESOURCES V – GOLD (PRIMARY DEPOSIT)

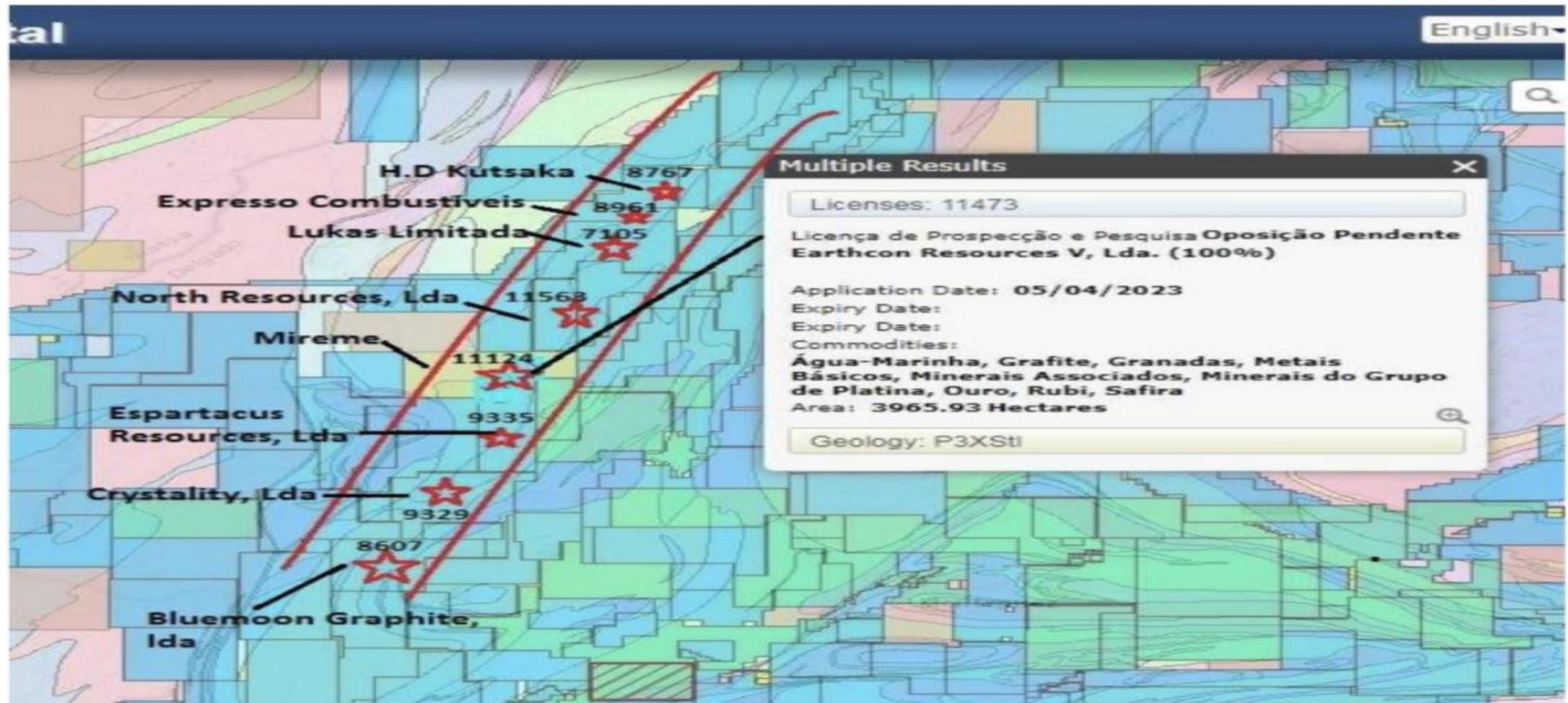


Figure 15. Earthcon V project framework and Gold mineralization

# EARTHCON RESOURCES V – GOLD (PRIMARY DEPOSIT)

Mozambique may become one of the world's largest gold producers

2:52 CAT | 16 Jul 2019

0 Comments Print Share



After ruby, oil, gas and a multitude of other mineral resources, Mozambique looks set to again shine with yet another great discovery, perhaps one of the largest in Africa and perhaps the world, O País reports.

According to a survey conducted by Mwiriti, Lda, one of Mozambique's largest gemstone companies, large gold reserves have been confirmed in the province of Cabo Delgado.

According to Azghar Faqhr, managing director of Mwiriti, "preliminary results indicate gold reserve about six times as large as those discovered in South Africa".

## Mozambique: Mwiriti discovers gold in Cabo Delgado



FurtherAfrica

5 years ago



**The Mozambican mining company Mwiriti has confirmed that it has found gold in its concession in Nairoto, in Montepuez district in the northern province of Cabo Delgado.**

# EARTHCON RESOURCES VI – RUBY MINE



# EARTHCON RESOURCES VI – RUBY MINE



República de Moçambique  
Ministério dos Recursos Minerais e Energia  
(Lei n° 20/2014, de 18 de Agosto; Lei n° 28/2014, de 23 de setembro; e Seus Regulamentos)

## Licença de Prospecção e Pesquisa 11480L

Titular:

*Earthcon Resources VI, Lda.*

Província:

*Cabo Delgado*

Recursos minerais abrangidos:

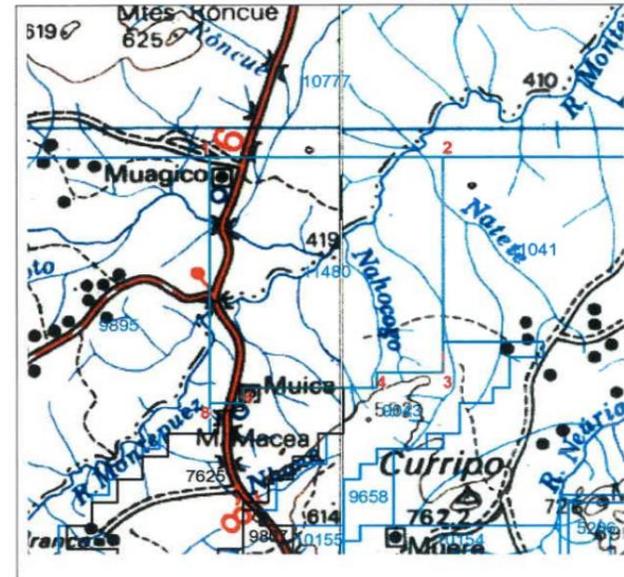
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Safira e Minerais Associados*

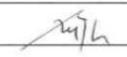
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Válida até: 09-11-2028

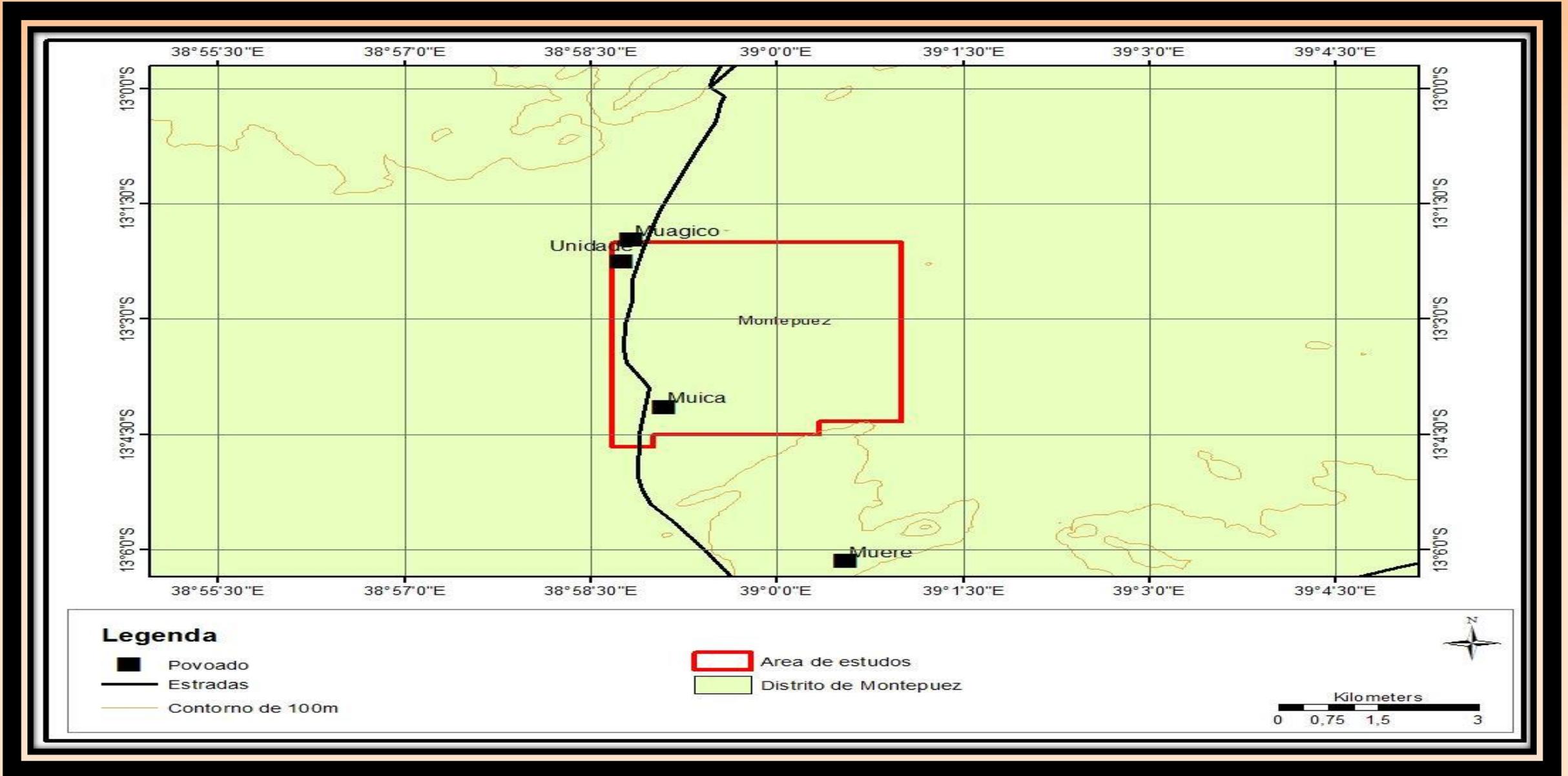
O Ministro dos Recursos Minerais e Energia

  
Carlos Joaquim Zacarias

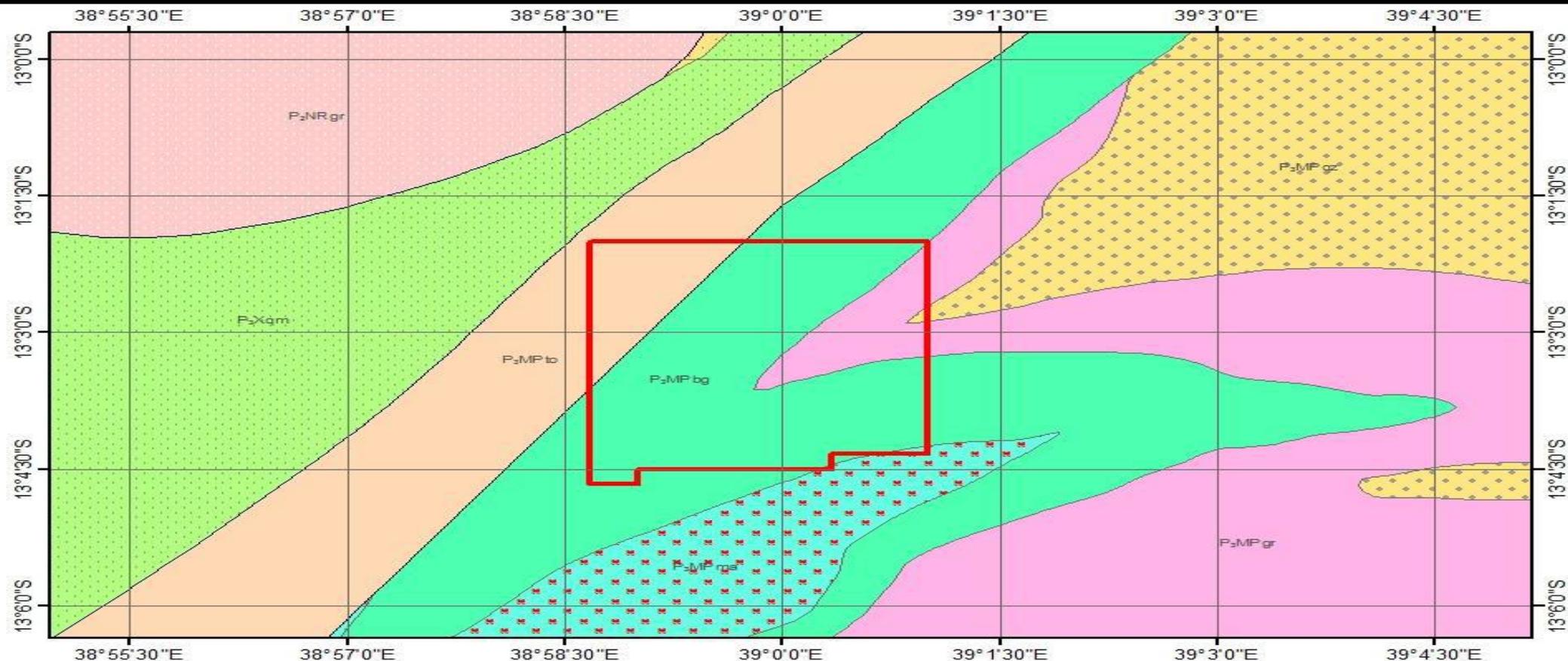


Título: 11480 L		Província: Cabo Delgado	
Tipo: Licença de Prospecção e Pesquisa		Distrito: Montepuez	
Titular: Earthcon Resources VI, Lda.			
Chefe do Cadastro		Área em hectares: 1.924,19	CADASTRO
Verificação cadastral			INAMI/MIREME
Verificação legal			09-11-2023

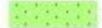
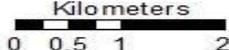
# EARTHCON RESOURCES VI – RUBY AREA



# EARTHCON RESOURCES VI – RUBY AREA



## Legenda

- |  |   |   |
|--|---|---|
|  P3Xqm - Gnaiss micáceo com quartzo e xisto         |  P3MPqz-Quartzito, meta-arcose         |  Area de estudos   |
|  P3Xqz- Quartzito, meta-arcose e gnaiss quartzítico |  P3MPma- Mármore                       |   |
|  P3MPgr- Gnaiss granítico                           |  P3MPbg- Gnaiss biotítico              | <br><br>0 0,5 1 2 |
|  P3MPto- Gnaiss tonalítico                          |  P2NRgr- Gnaiss granítico a tonalítico |   |

# EARTHCON RESOURCES VI – RUBY GEOLOGY

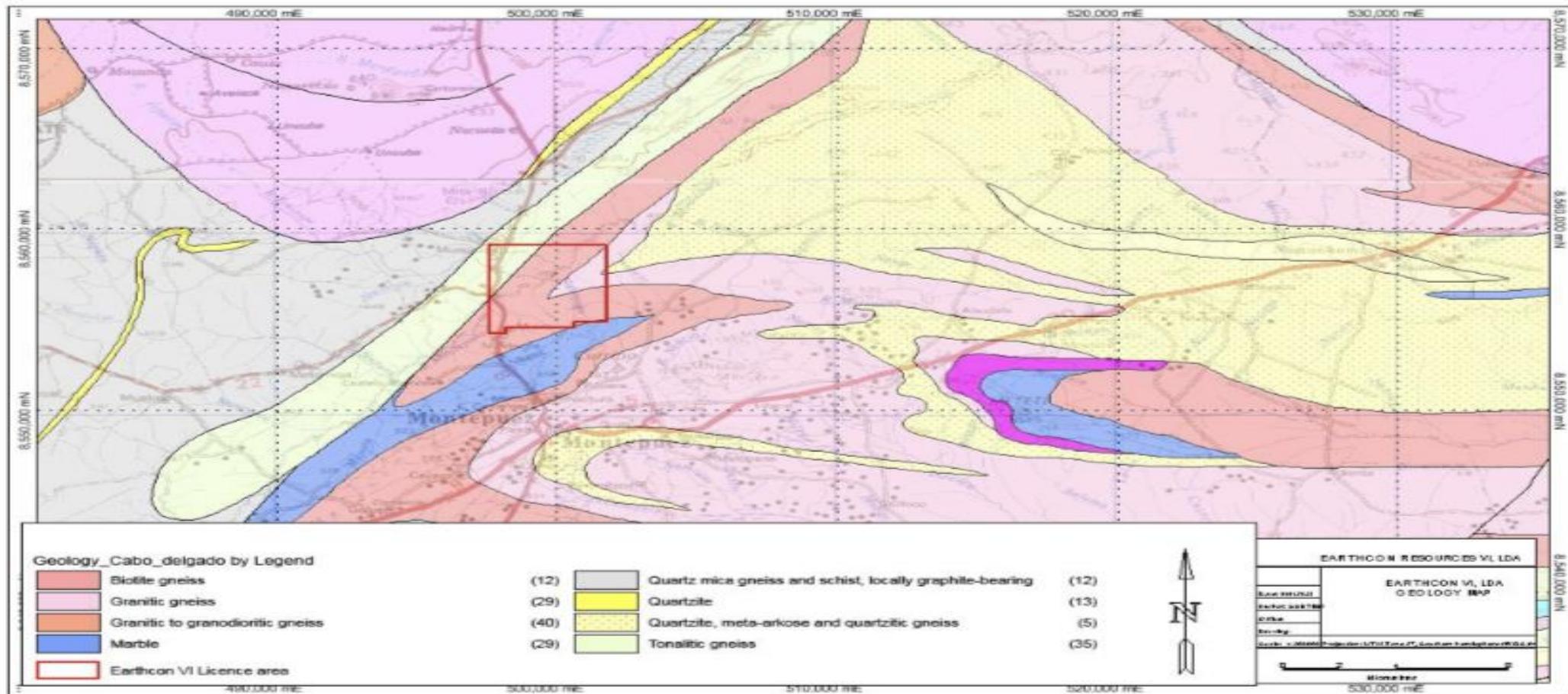
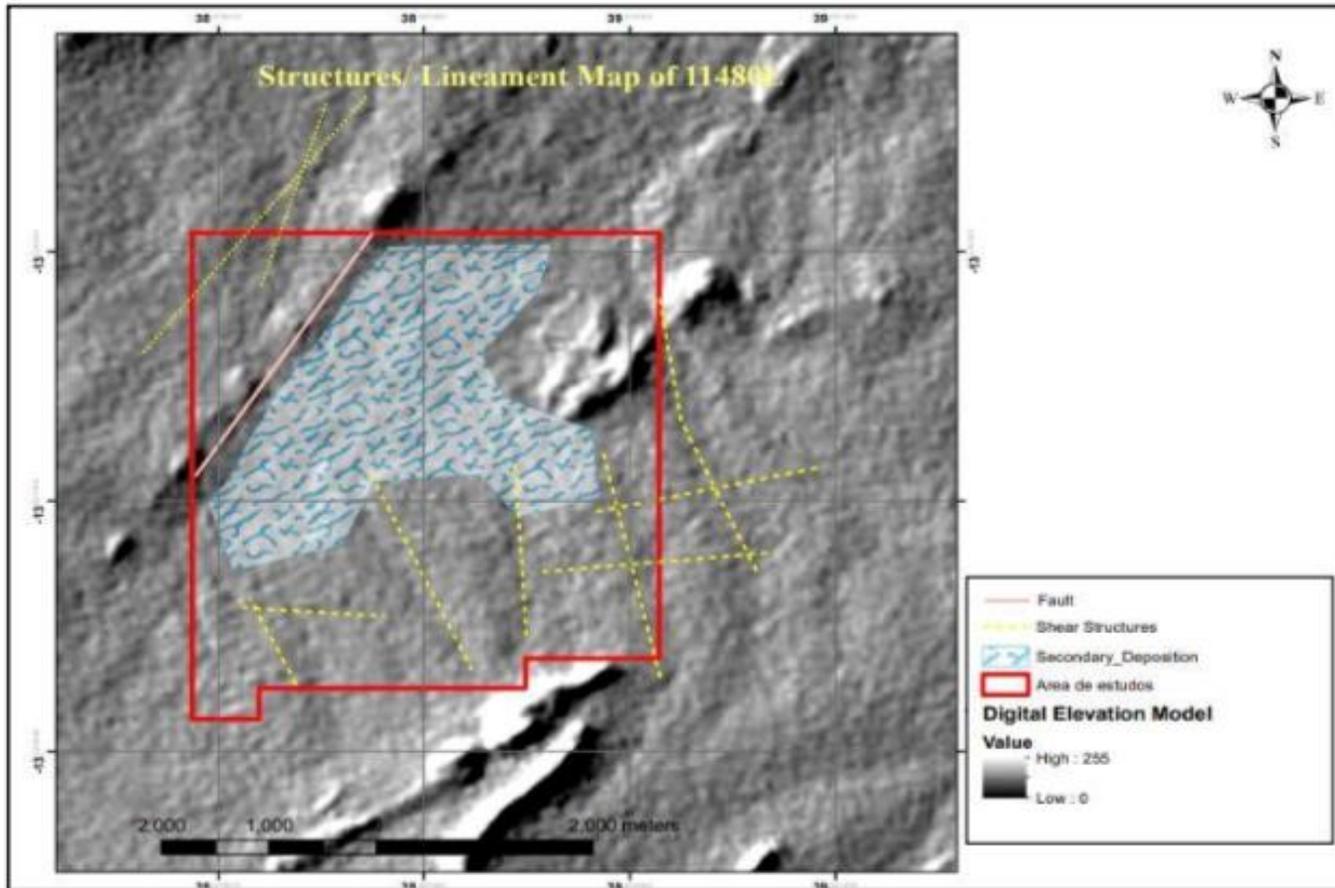


Figure 14. Geological map showing the main lithological units on the project area

# EARTHCON RESOURCES VI – RUBY (DESKTOP REPORT)

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



### DEM Digital Elevation Map of 11480L

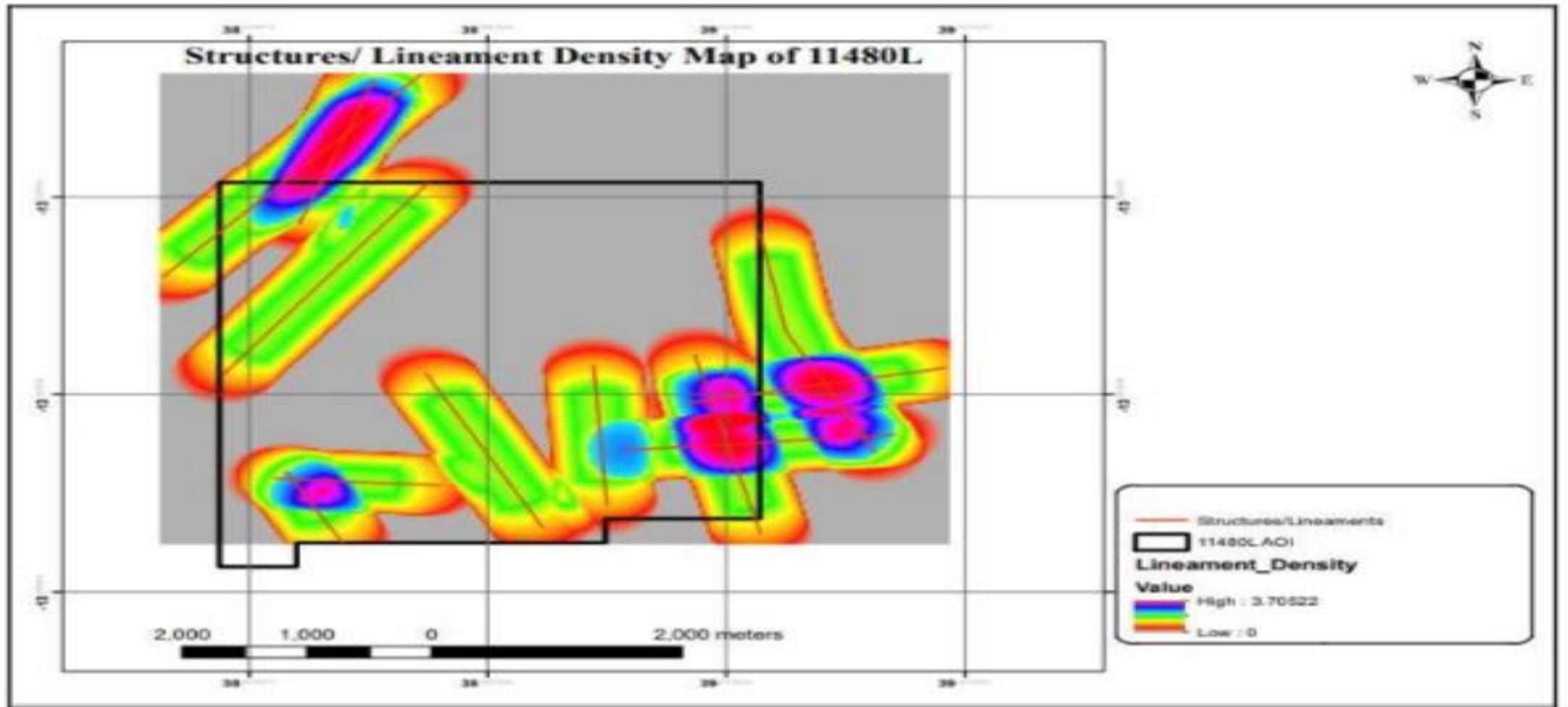
Two areas with highest values of topography was identified, one in the NE part of the license and the second one in the NW sector of the concession, this area coincides with the fault that was identified in the lineament/structures map.

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.

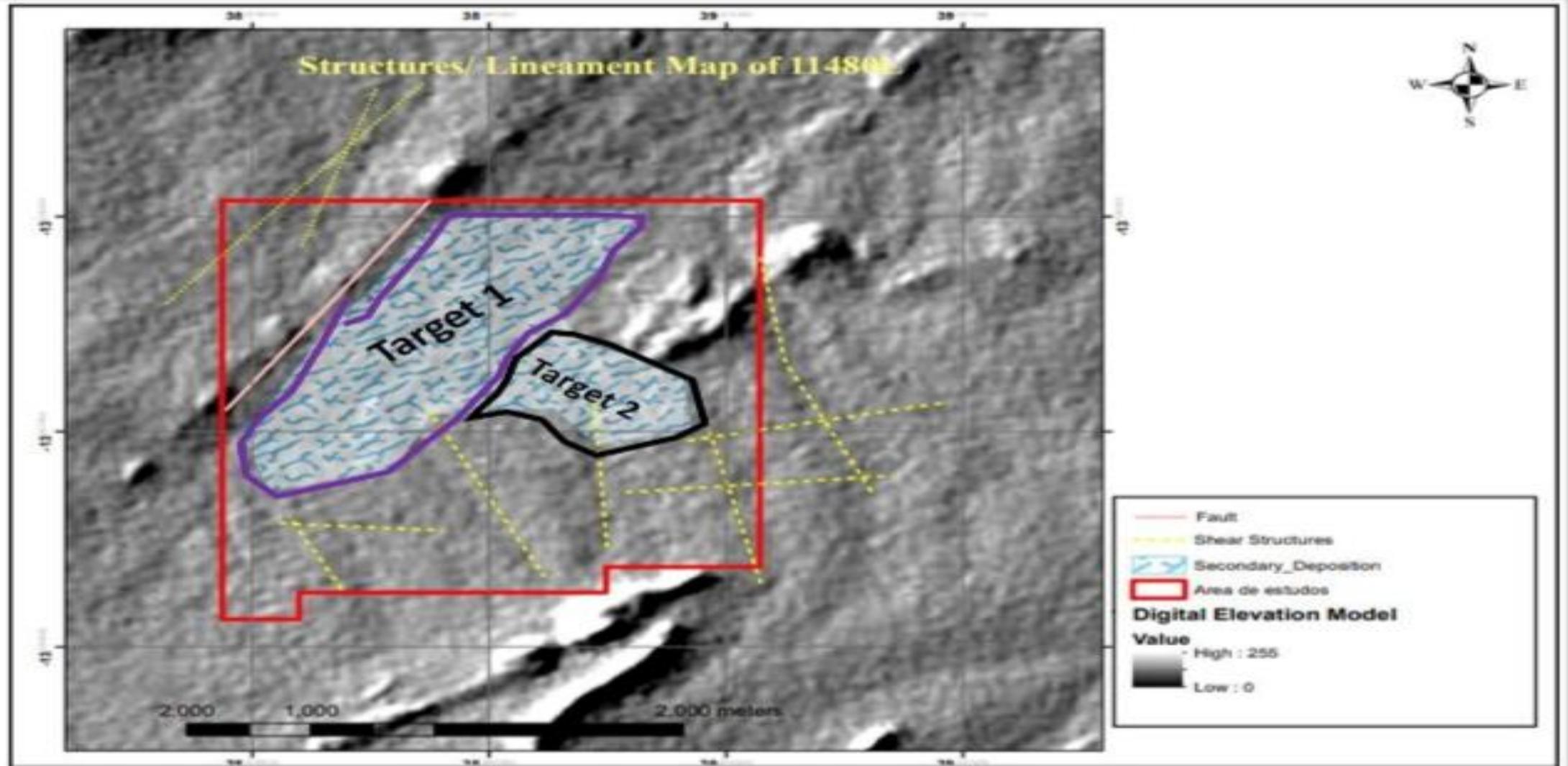
This is the target area for the further investigation/ exploration.

# EARTHCON RESOURCES VI – RUBY (DESKTOP REPORT)



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

# EARTHCON VI – RUBY TARGET 1 AND 2



# EARTHCON RESOURCES VI – RUBY FIELD WORK

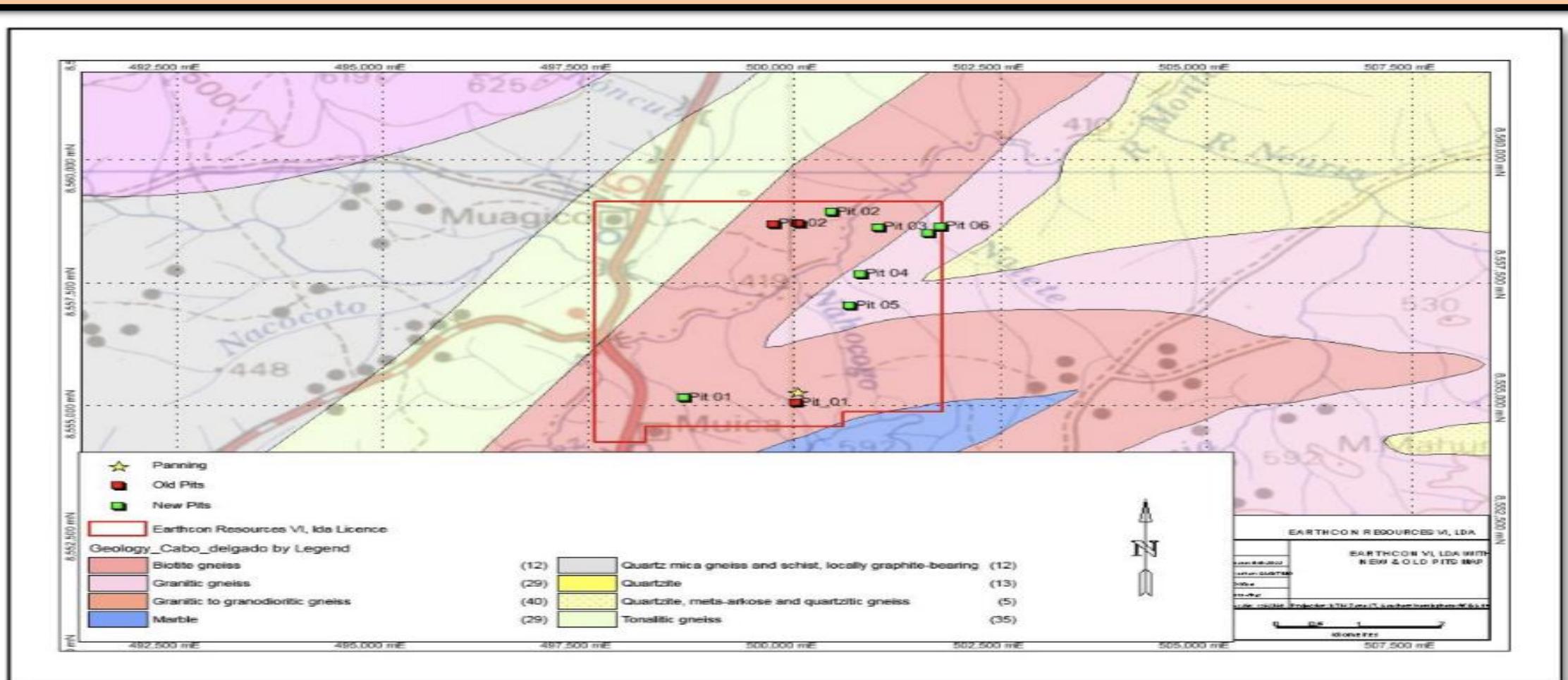


Figure 9. Old, New excavated Pits and panning location map

# EARTHCON RESOURCES VI – RUBY 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 VI – RUBY SAMPLES



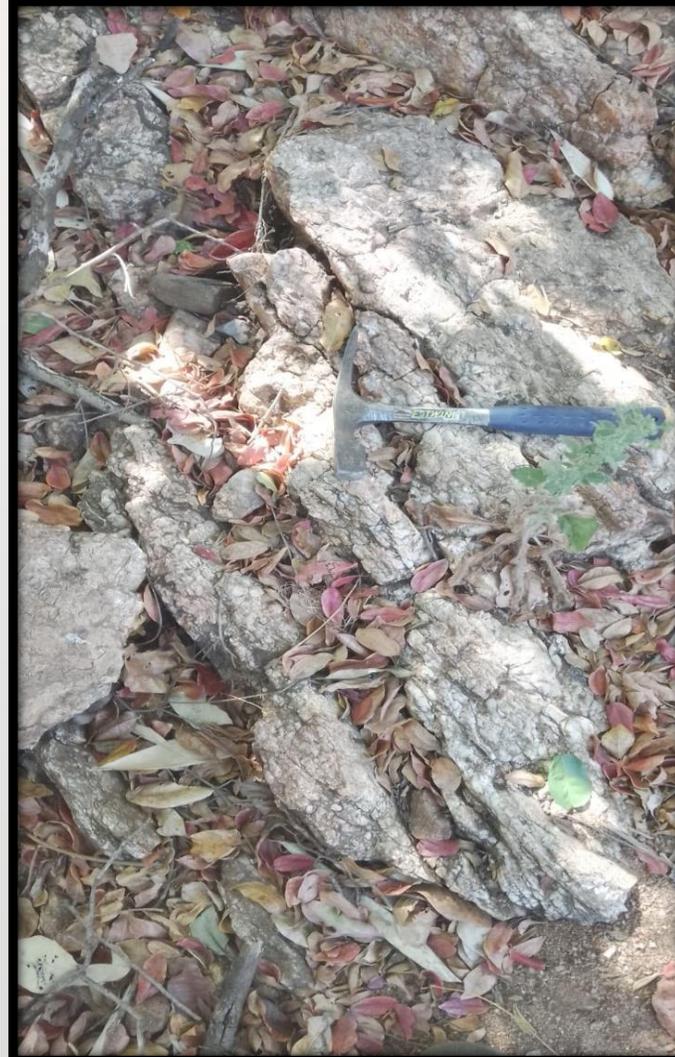
# EARTHCON VI – RUBY FIELD WORK



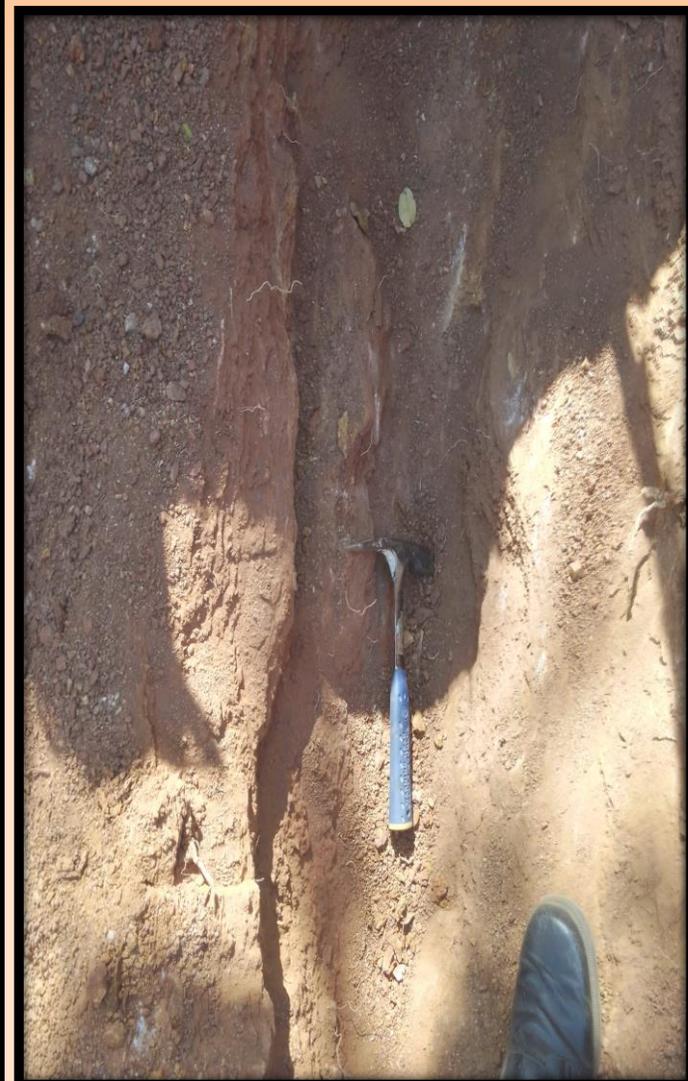
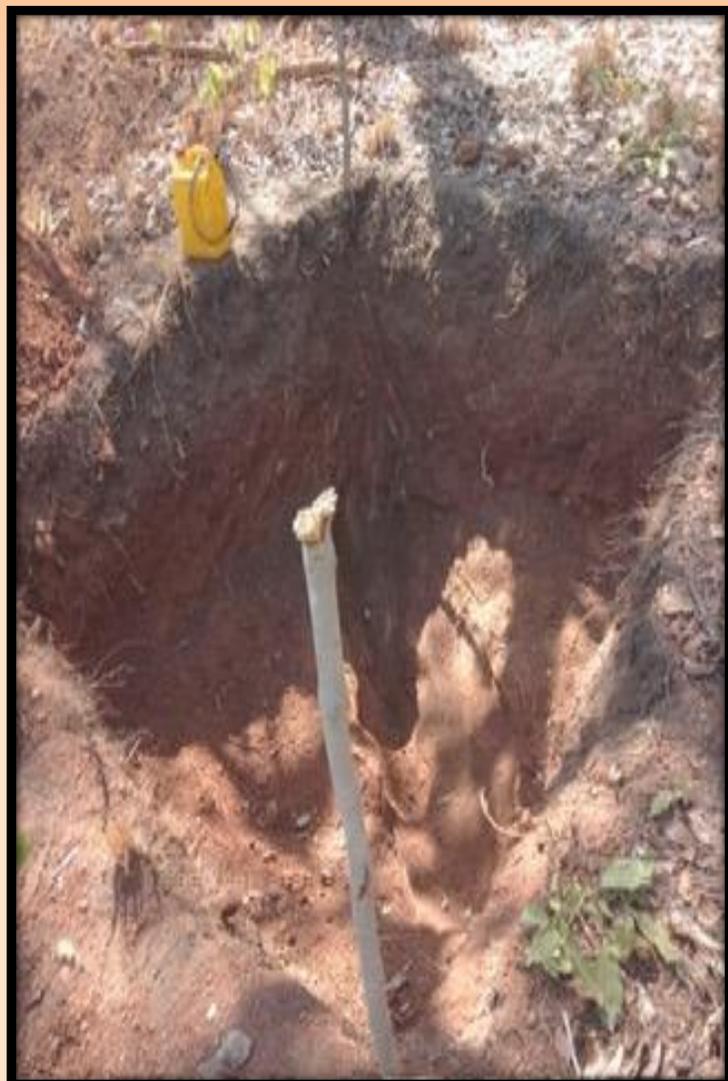
# EARTHCON VI (RUBY) – FIELD WORK



# EARTHCON VI – RUBY FIELD WORK



# EARTHCON VI – RUBY FIELD WORK



# EARTHCON VI (RUBY) – FIELD WORK



# EARTHCON VI – RUBY PROJECT FRAMEWORK

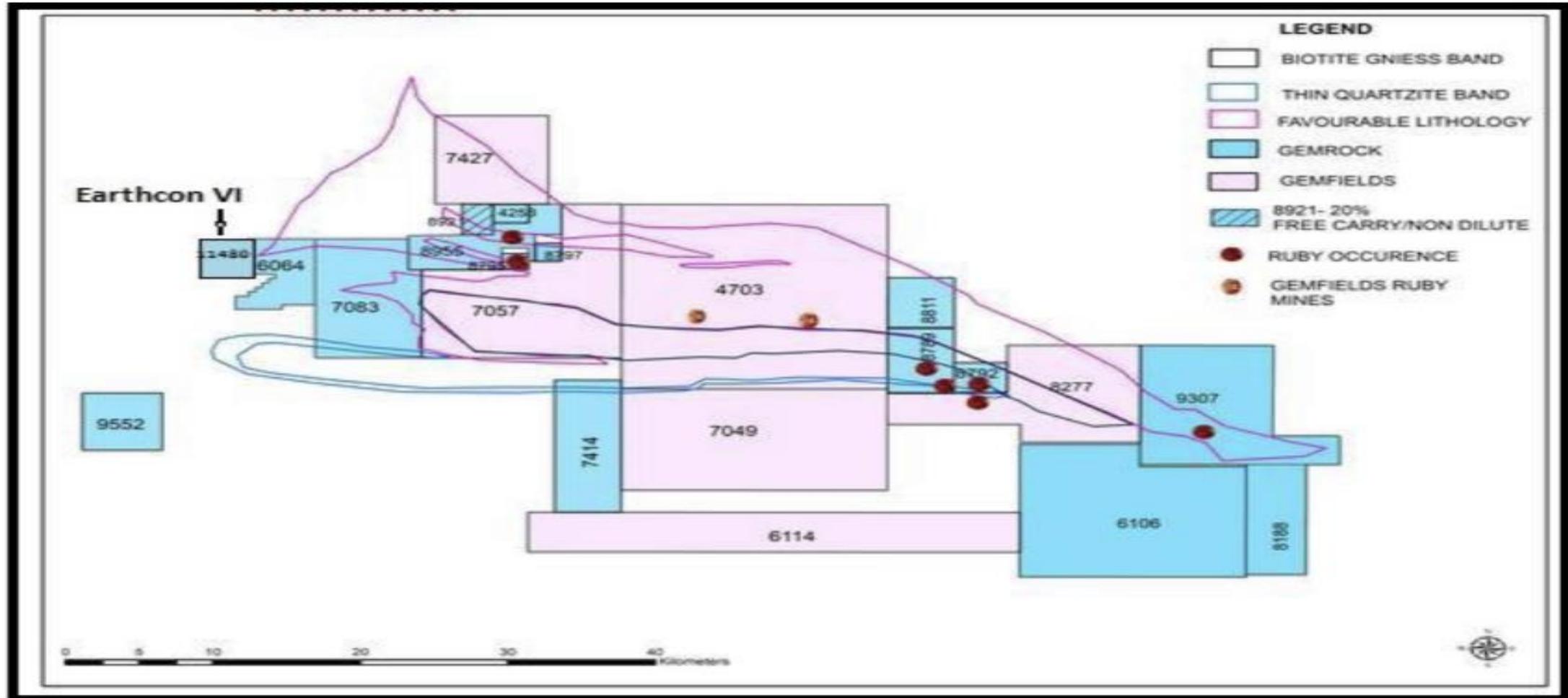


Figure 15. Earthcon VI project framework and ruby mineralization

# EARTHCON VI – RUBY SALES MEDIA 2023

## 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](http://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.**

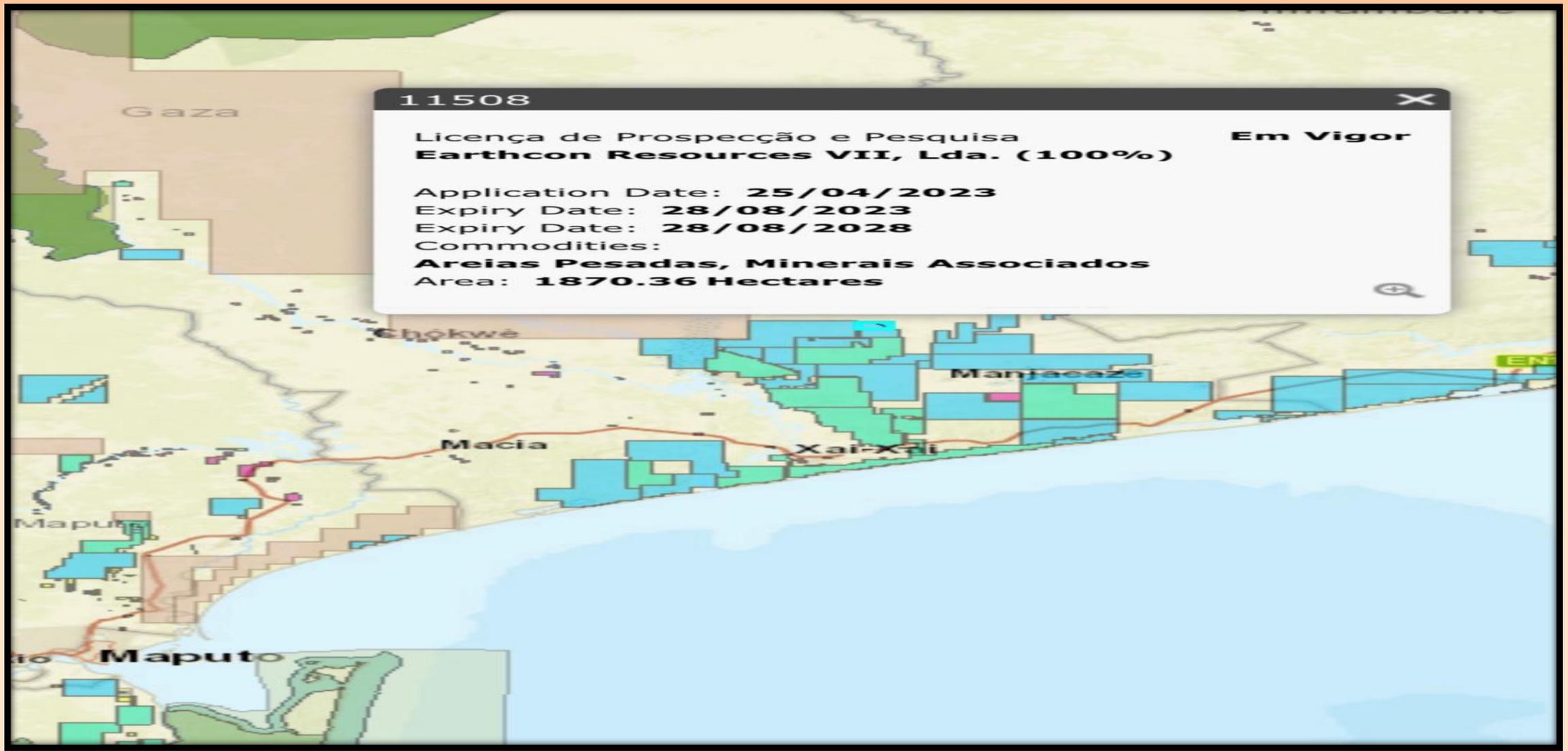
Press Releases

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

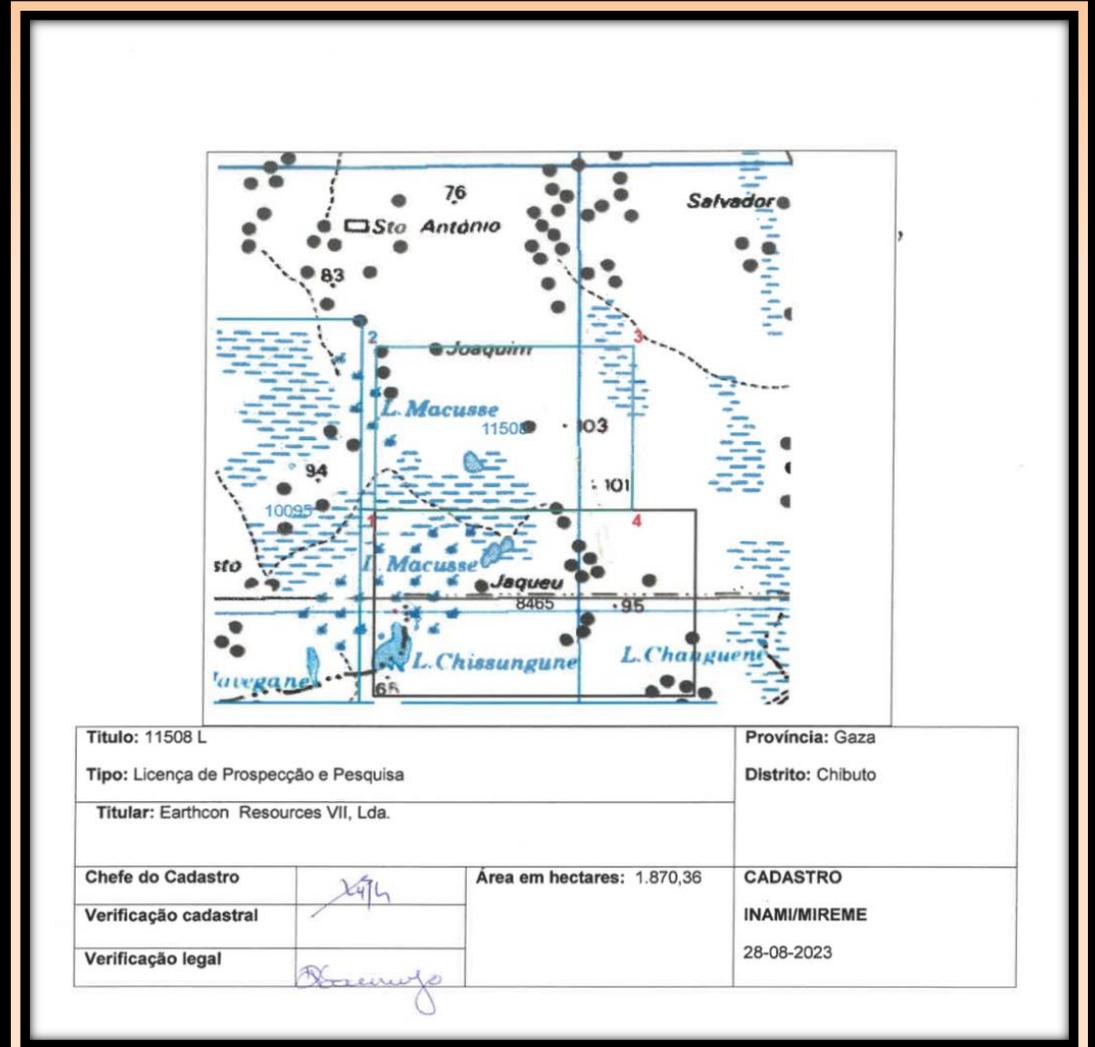


Estrela de FURA – 55.22 cts

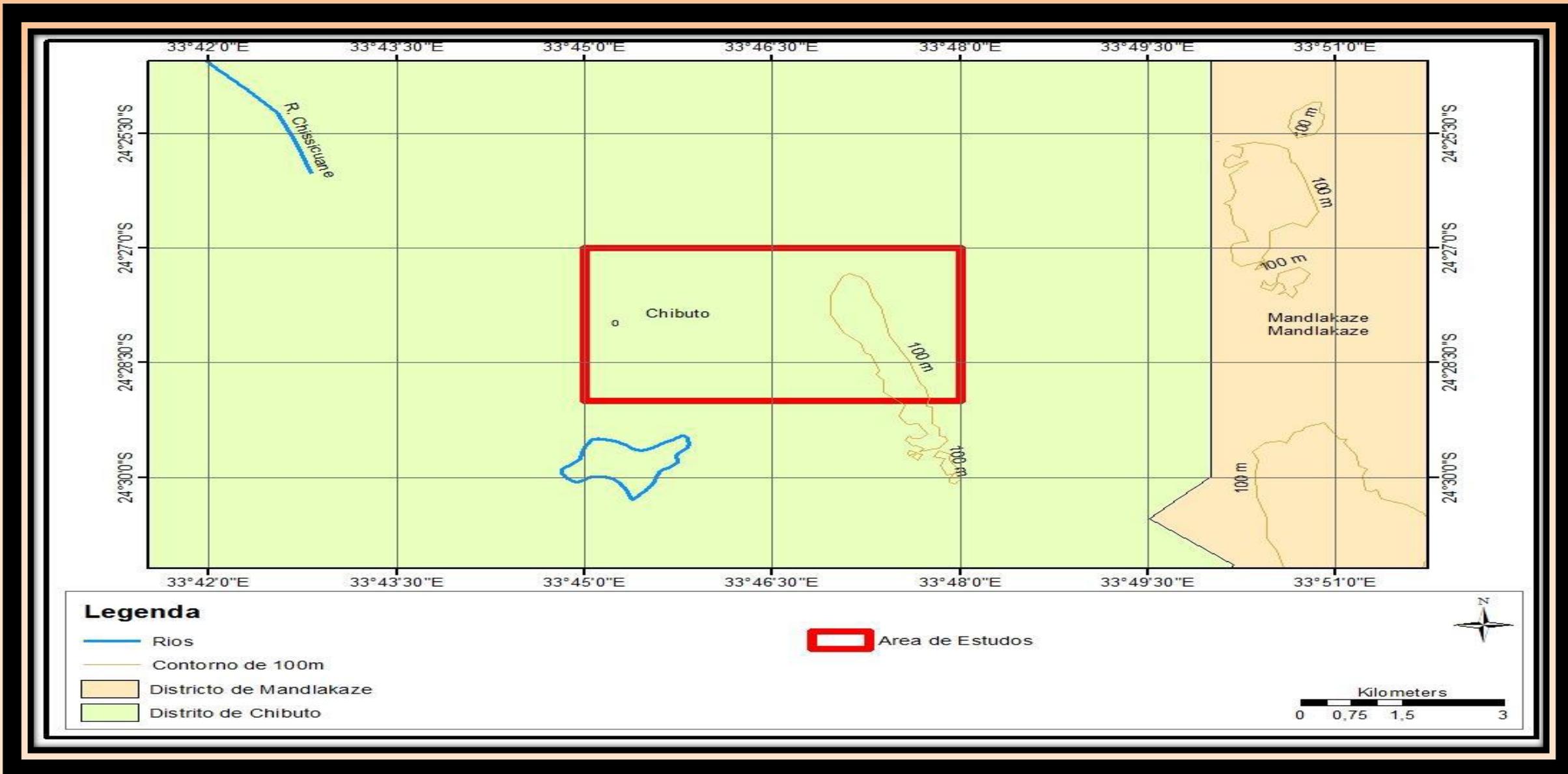
# EARTHCON RESOURCES VII – HEAVY MINERAL SANDS



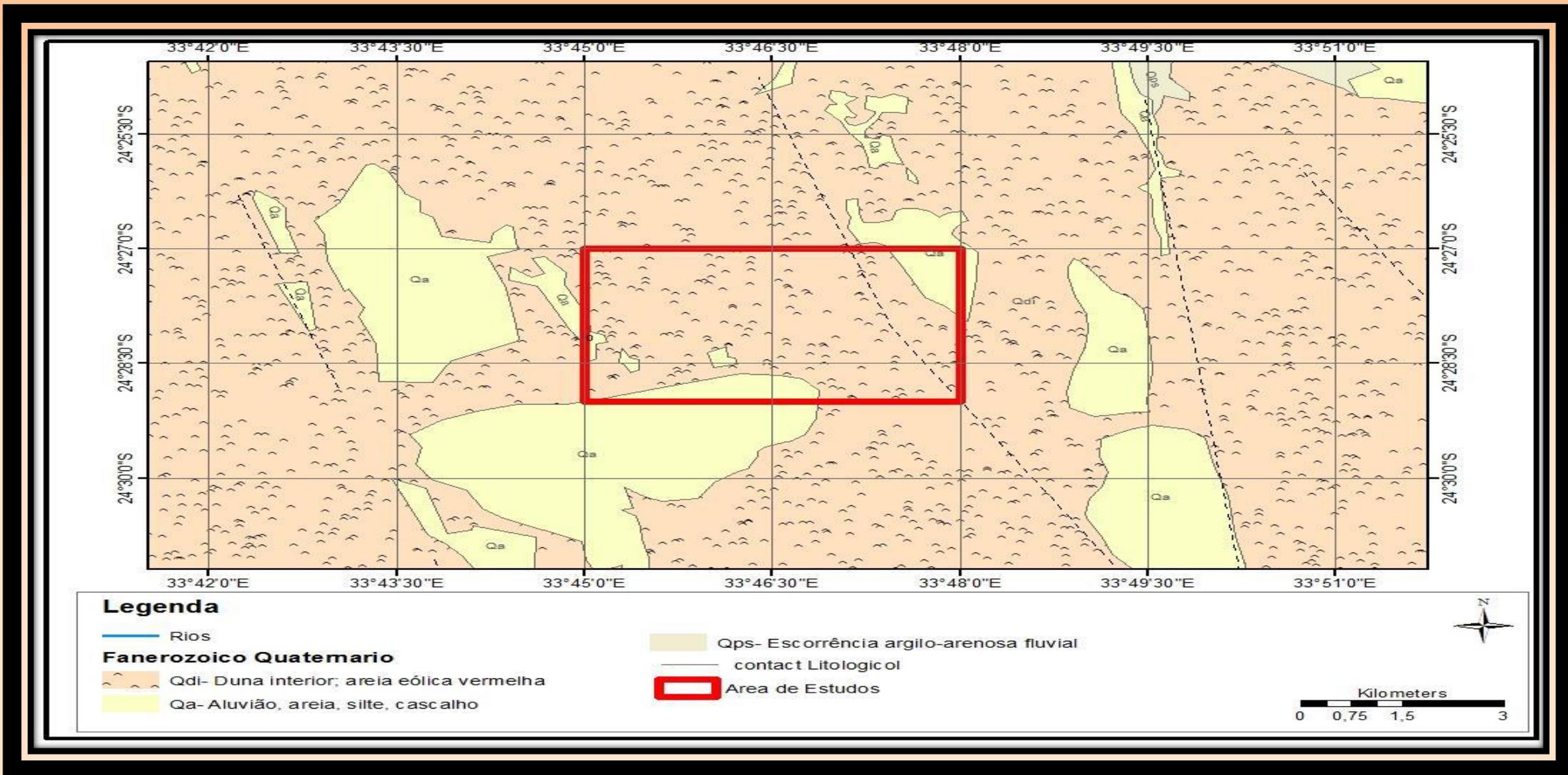
# EARTHCON RESOURCES VII – HEAVY MINERAL SANDS



# EARTHCON RESOURCES VII – HEAVY MINERAL SANDS



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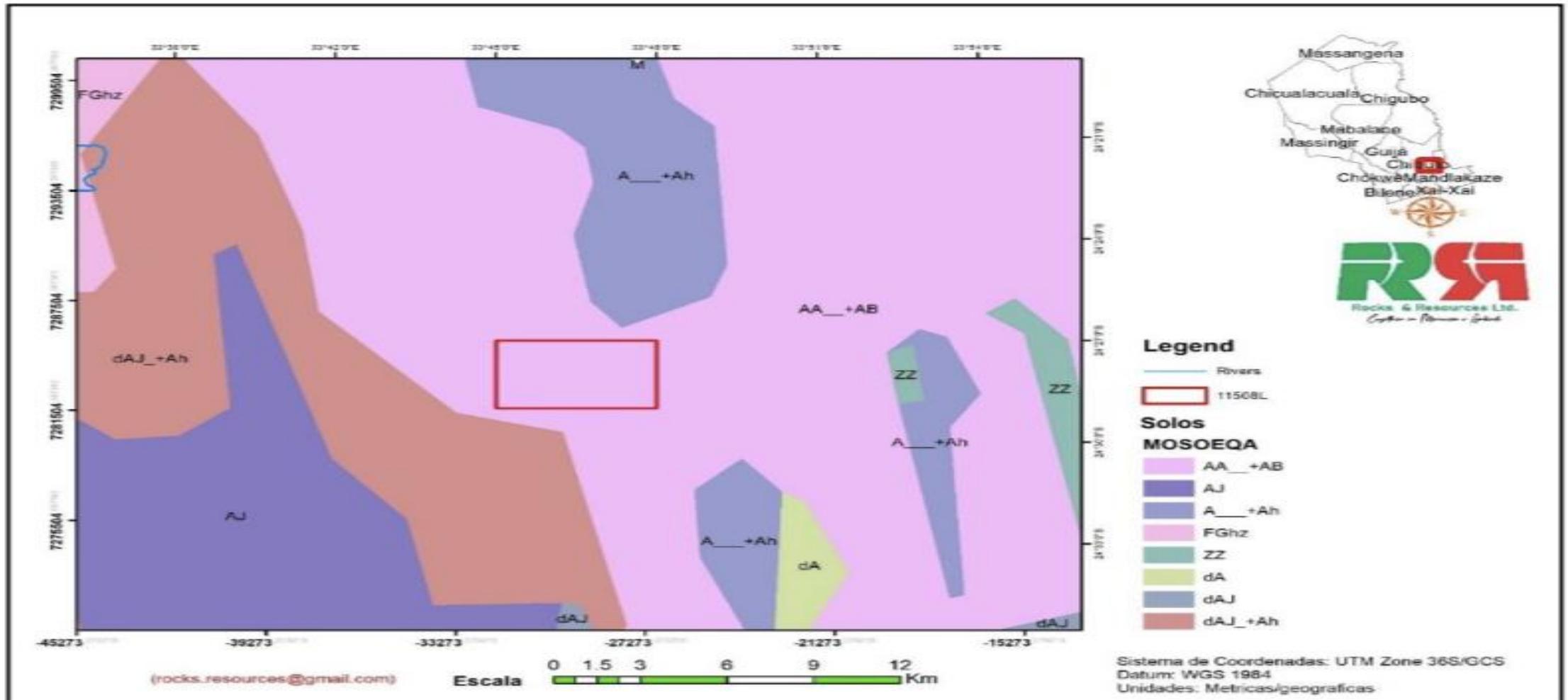


Fig. 2. Regional Soil Map 1:250K of the study area, the insertion indicates the study area.

# EARTHCON RESOURCES VII – HEAVY MINERAL SANDS

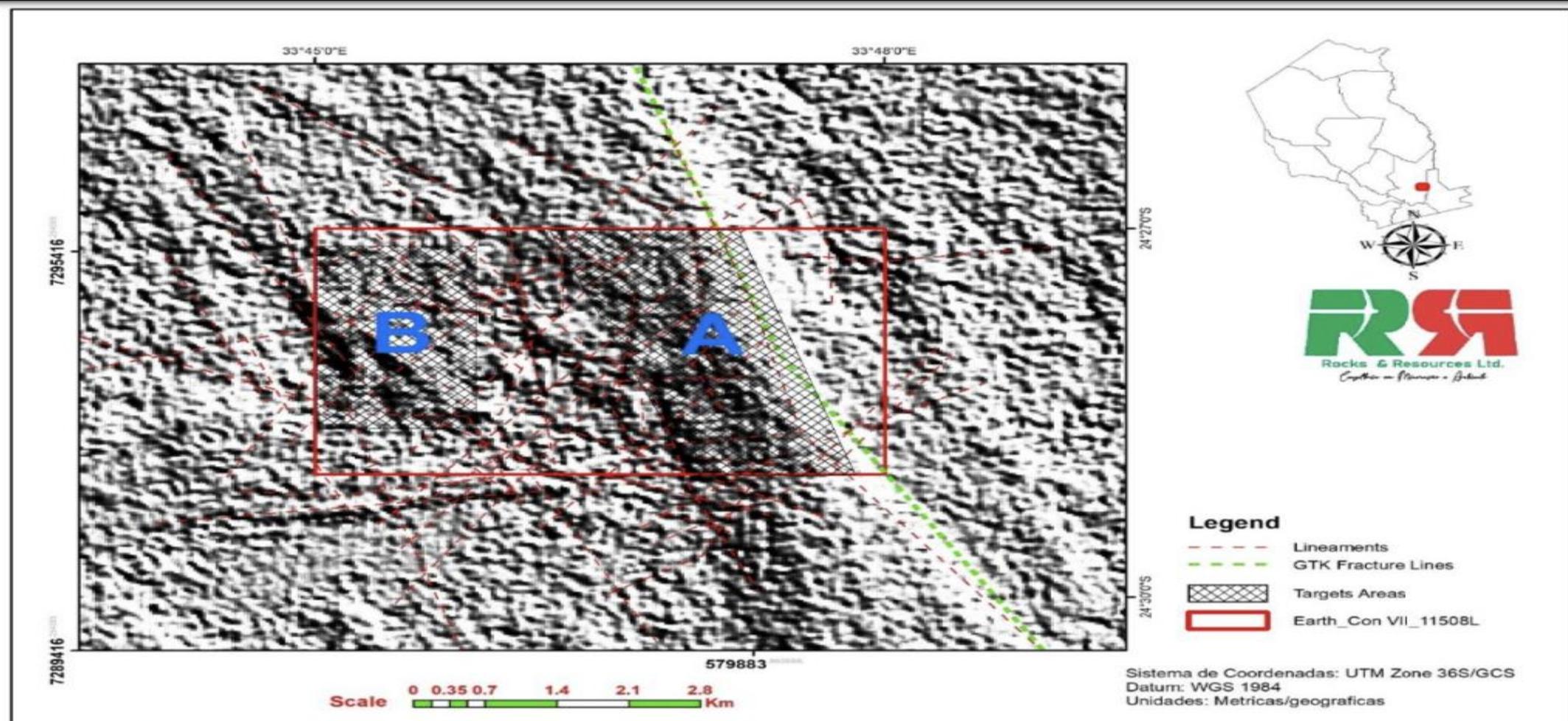


Fig. 14. Exploration Map showing the potential areas in the study area divide in A and B, being A the most important one, followed by B respectively.

# EARTHCON RESOURCES VII – HEAVY MINERAL SANDS

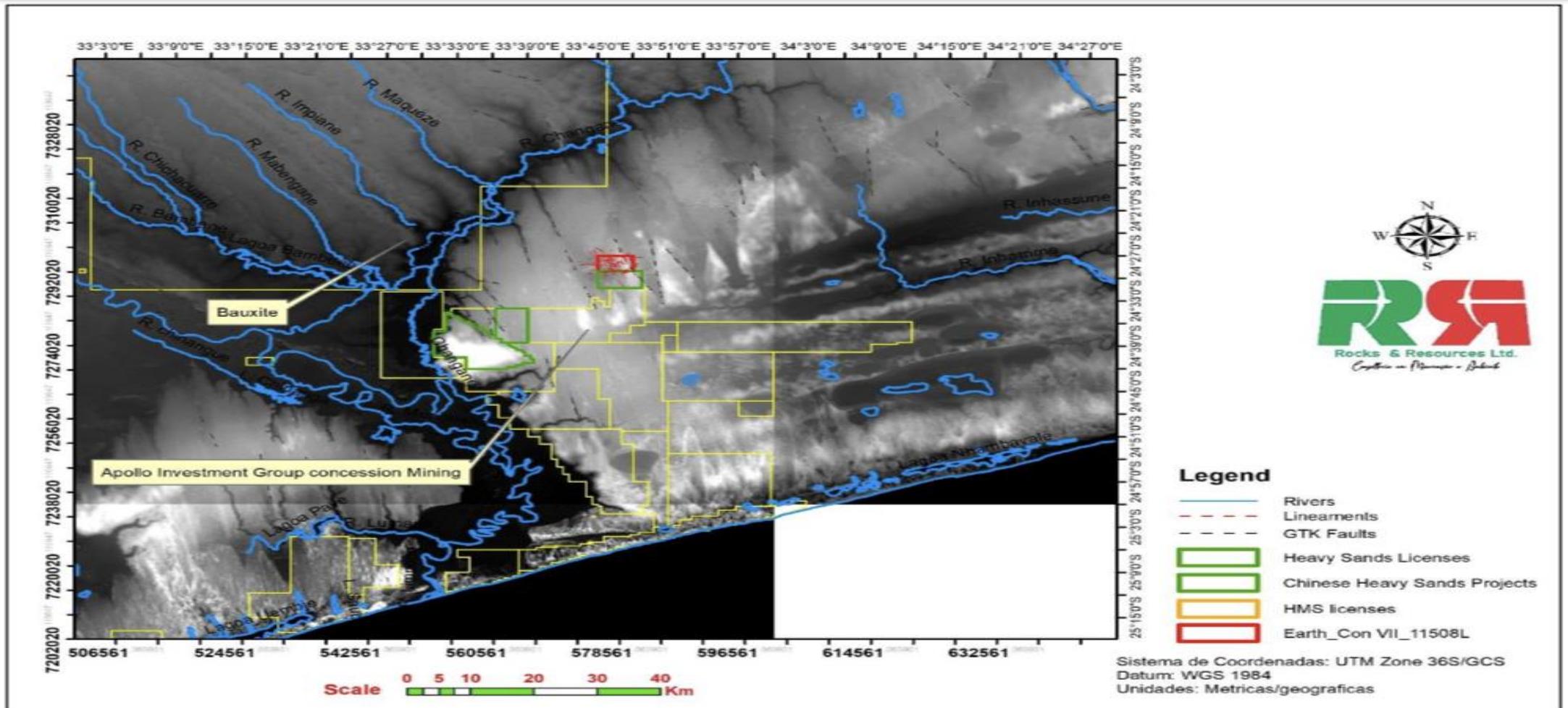


Fig. 7. HMS deposit Corridor location in southern Mozambique with mining licenses/ concession distribution

# EARTHCON RESOURCES VII – HEAVY MINERAL SANDS



# EARTHCON RESOURCES VII – HEAVY MINERAL SANDS



# EARTHCON RESOURCES VII – CHIBUTO USD 700 MILLION PROJECT

## Mozambique: Nyusi inaugurates heavy sands project in Chibuto – Watch

8:09 CAT | 05 Dec 2022

0 Comments Print Share



*Photos: ICS-Instituto de Comunicação Social-Sede*

Mozambican President Filipe Nyusi on Friday inaugurated a factory processing heavy mineral sands in Chibuto district, in the southern province of Gaza.

The factory belongs to the Chinese company Dingsheng and cost 700 million US dollars. It occupies an area of 3,000 hectares, and consists of two production lines with the capacity to process 10,000 tonnes of minerals a day (mostly titanium ores).

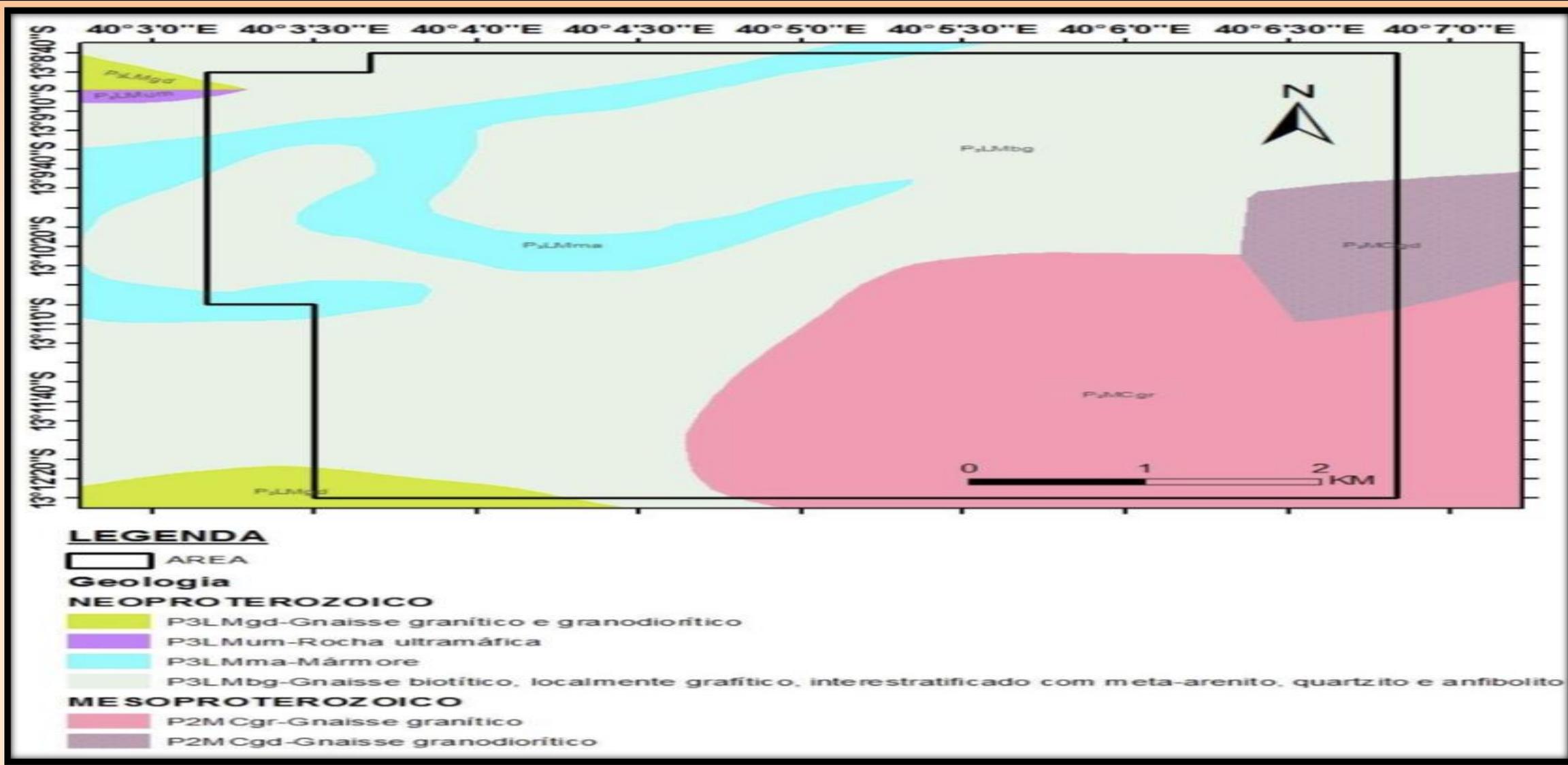


The heavy sands deposit in Chinuto is estimated at two billion tonnes, and has led Dingsheng to propose setting up a manufacturing industry alongside the mine. Nyusi said efforts are under way to ensue that all the added value chain occurs in Mozambique, in line with the government's "Industrialise Mozambique" programme (PRONAI), which has job creation as one of its main goals.

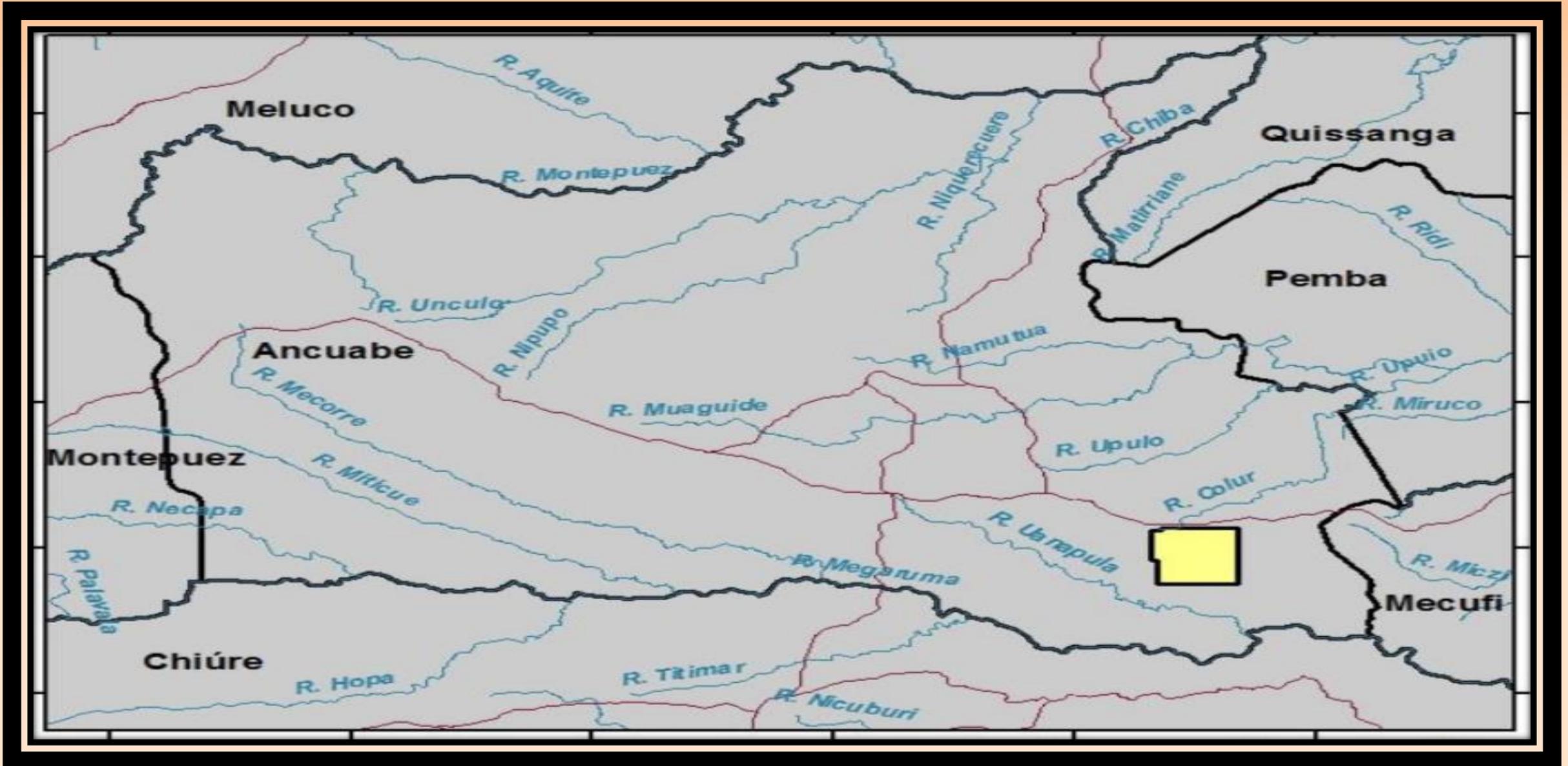
# EARTHCON RESOURCES VIII – GRAPHITE



# EARTHCON RESOURCES VIII – GRAPHITE



# EARTHCON RESOURCES VIII – GRAPHITE



# EARTHCON RESOURCES VIII – GRAPHITE



# EARTHCON RESOURCES VIII – GRAPHITE SITE VISIT



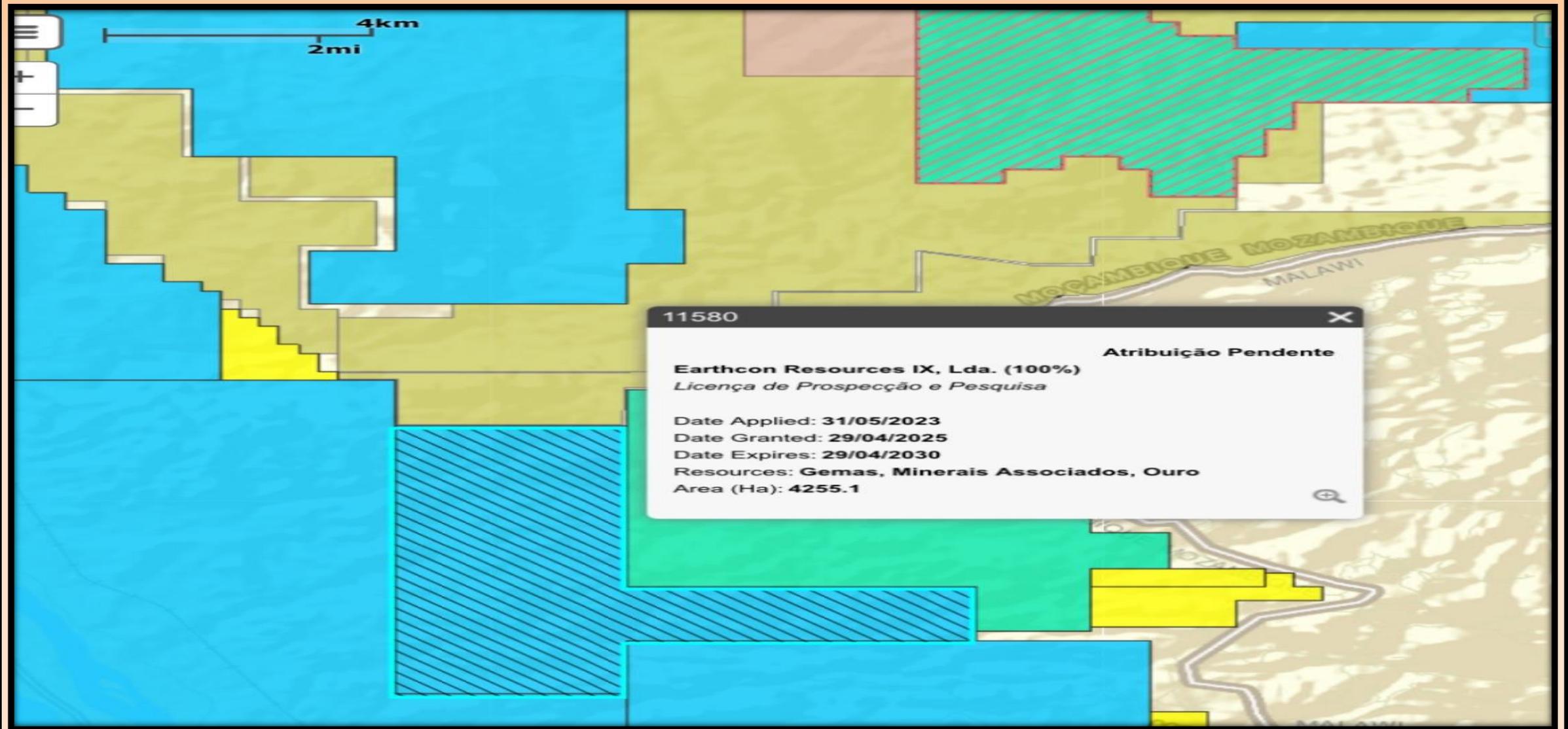
# EARTHCON RESOURCES VIII – GRAPHITE SITE VISIT



# EARTHCON RESOURCES VIII – GRAPHITE SITE VISIT



# EARTHCON RESOURCES IX – SAPPHIRE, GEMSTONE AND GOLD



# EARTHCON RESOURCES IX – SAPPHIRE, GEMSTONE AND GOLD

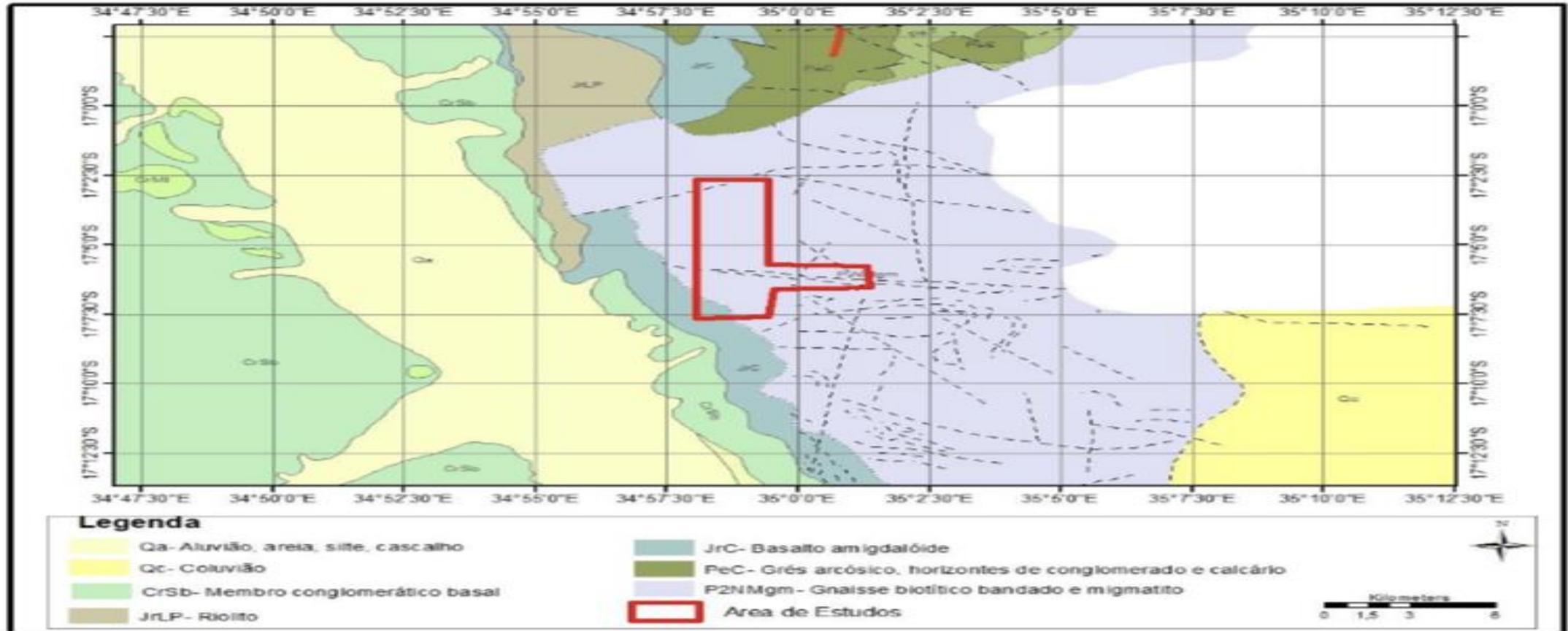


Figura 3: Mapa geológico da área abrangida pelo projecto. Autor, 2023.

# EARTHCON RESOURCES IX – SAPPHIRE, GEMSTONE AND GOLD

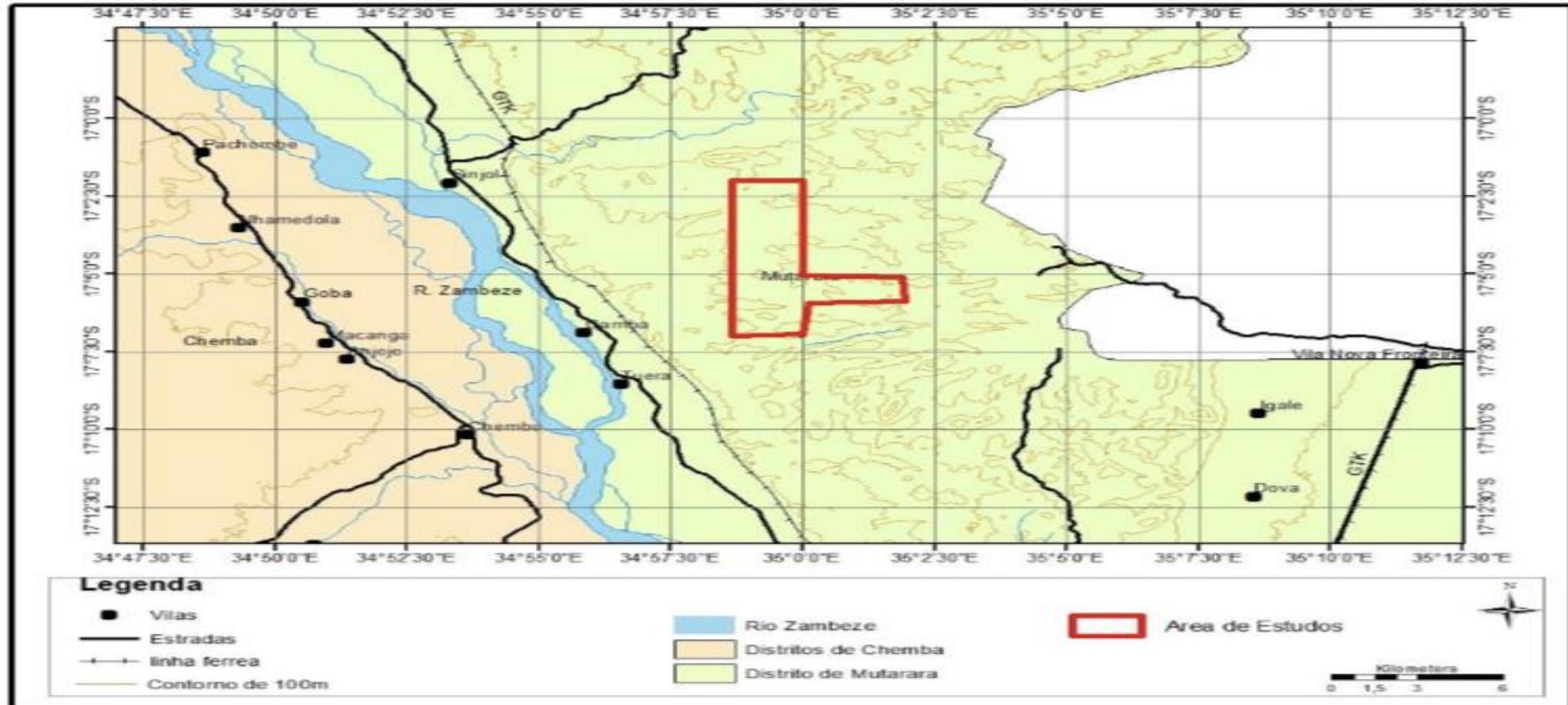
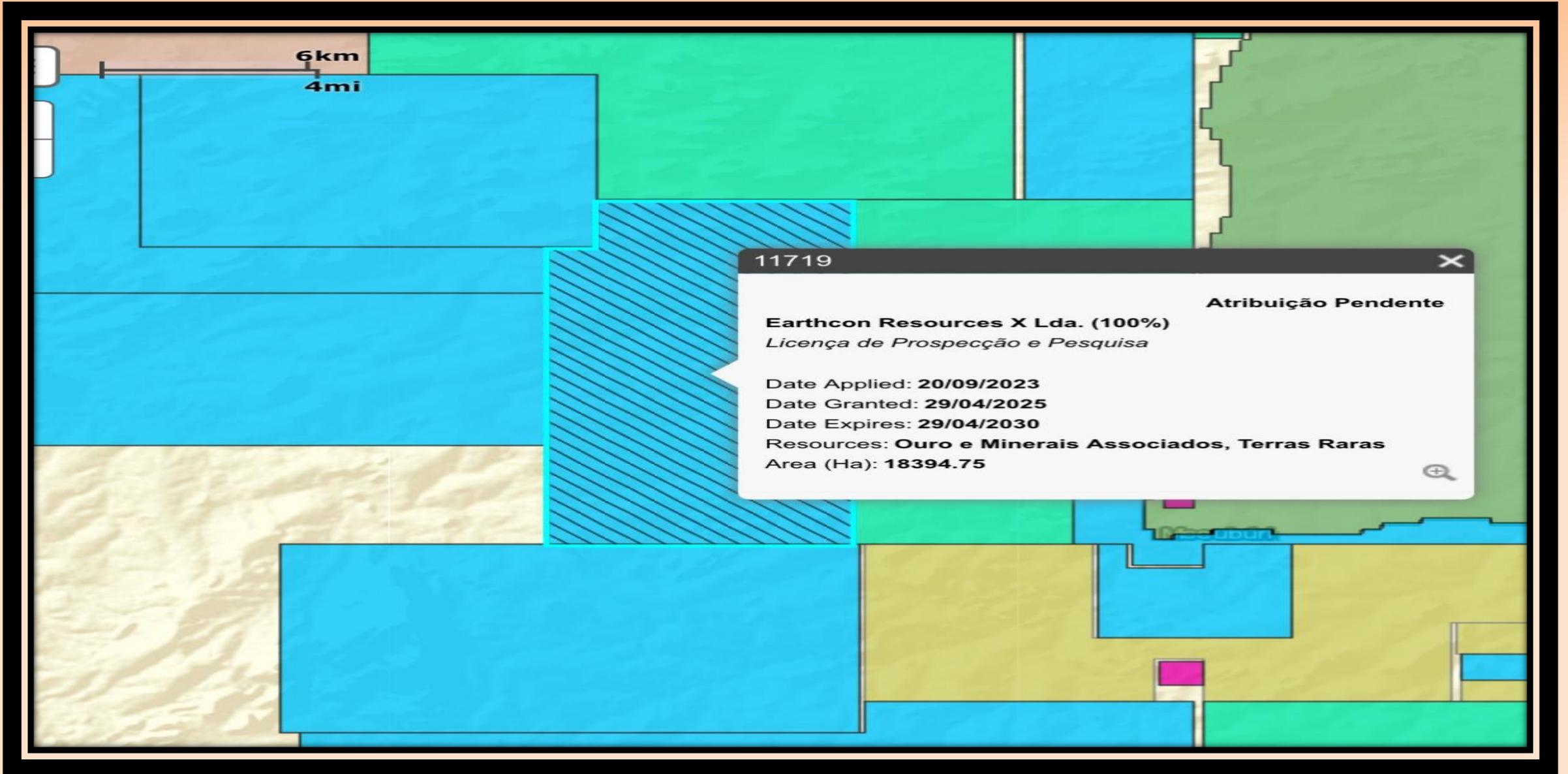
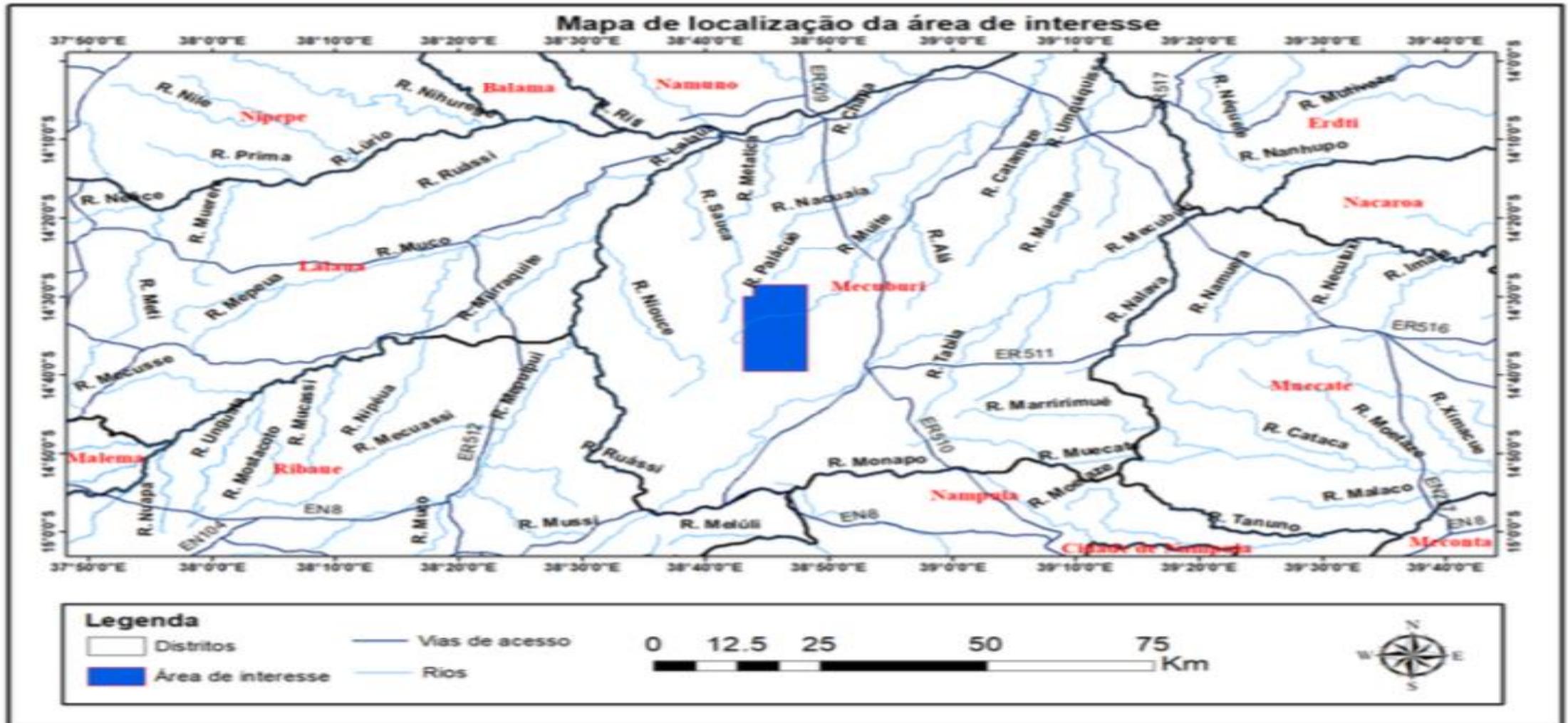


Figura 1: Localização geográfica da área de estudo. Autor, 2023.

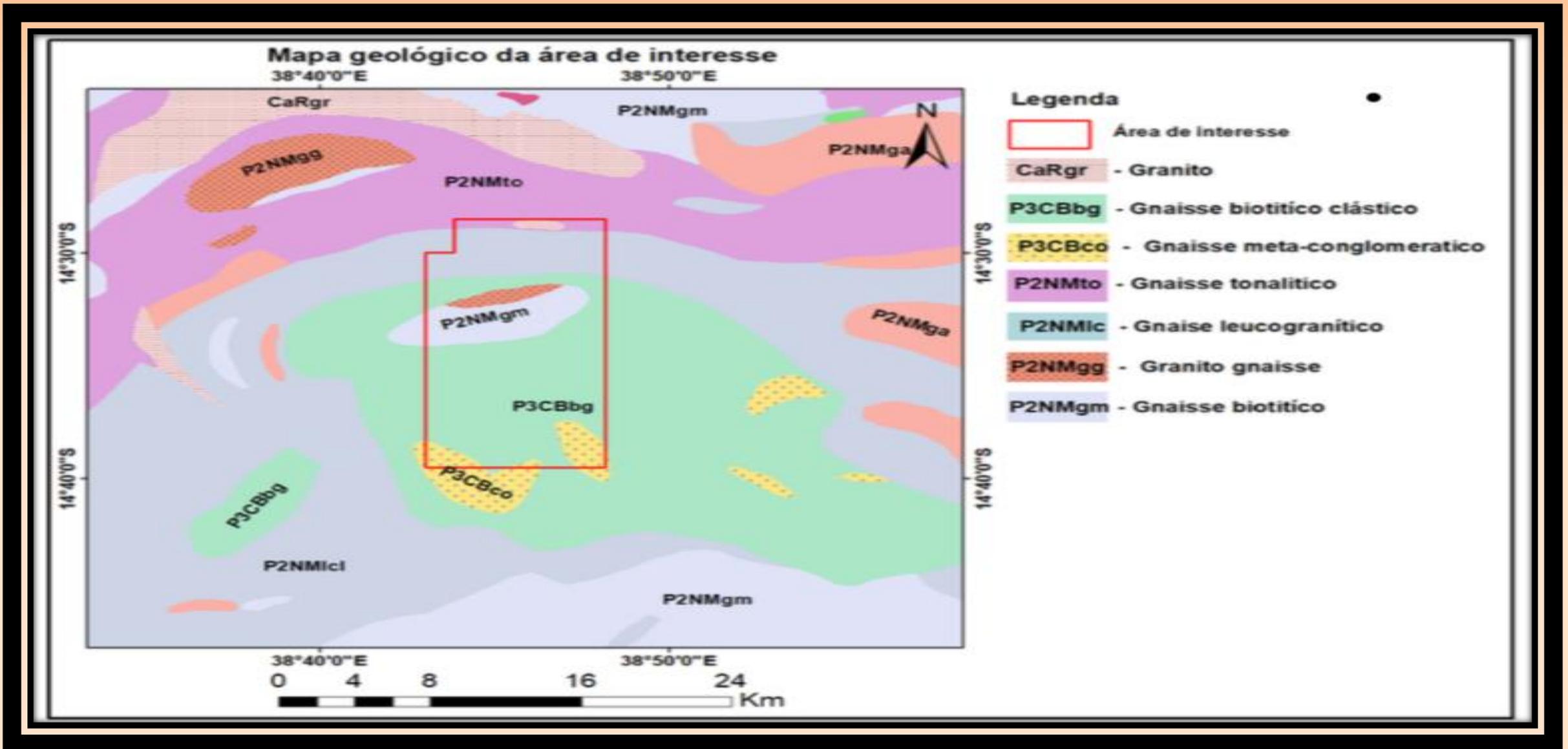
# EARTHCON RESOURCES X – GOLD AND RARE EARTH MINERALS



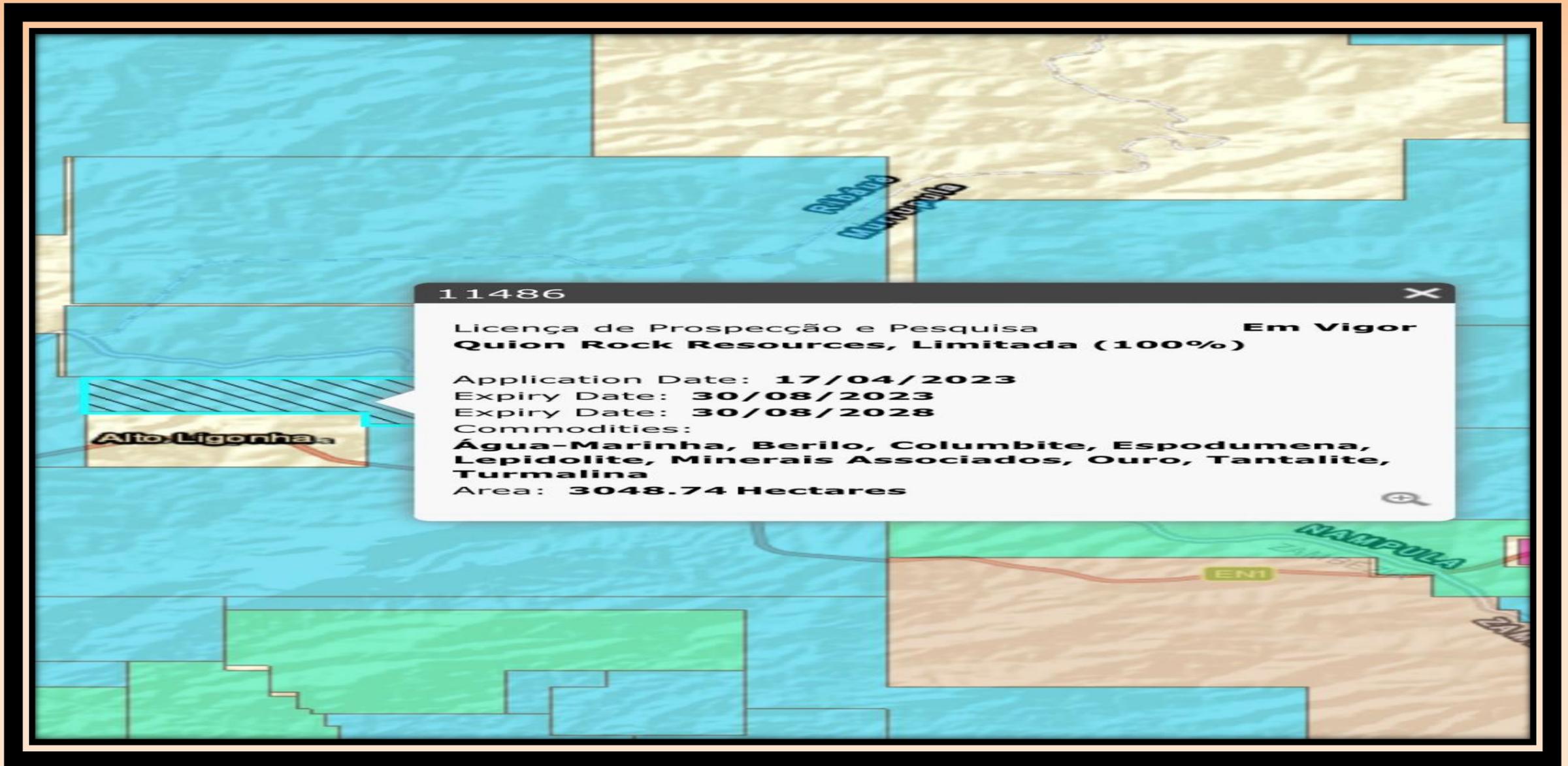
# EARTHCON RESOURCES X – GOLD AND RARE EARTH MINERALS



# EARTHCON RESOURCES X – GOLD AND RARE EARTH MINERALS



# QUION ROCK RESOURCES – LITHIUM, AQUAMARINE AND TANTALITE



# QUION ROCK RESOURCES – LITHIUM, AQUAMARINE AND TANTALITE

  
**República de Moçambique**  
**Ministério dos Recursos Minerais e Energia**  
 (Lei n° 20/2014, de 18 de Agosto; Lei n° 28/2014, de 23 de setembro; e Seus Regulamentos)

**Licença de Prospeção e Pesquisa**  
**11486L**

**Titular:**  
*Quion Rock Resources, Limitada*

**Província:**  
*Zambézia*

**Recursos minerais abrangidos:**  
*Água-Marinha, Berilo, Columbite, Espodumena, Lepidolite, Ouro, Tantalite, Turmalina e Minerais Associados*

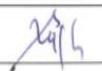
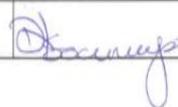
**Data de emissão:** 30-08-2023      **Válida até:** 30-08-2028

**O Ministro dos Recursos Minerais e Energia**  
  
**Carlos Joaquim Zacarias**

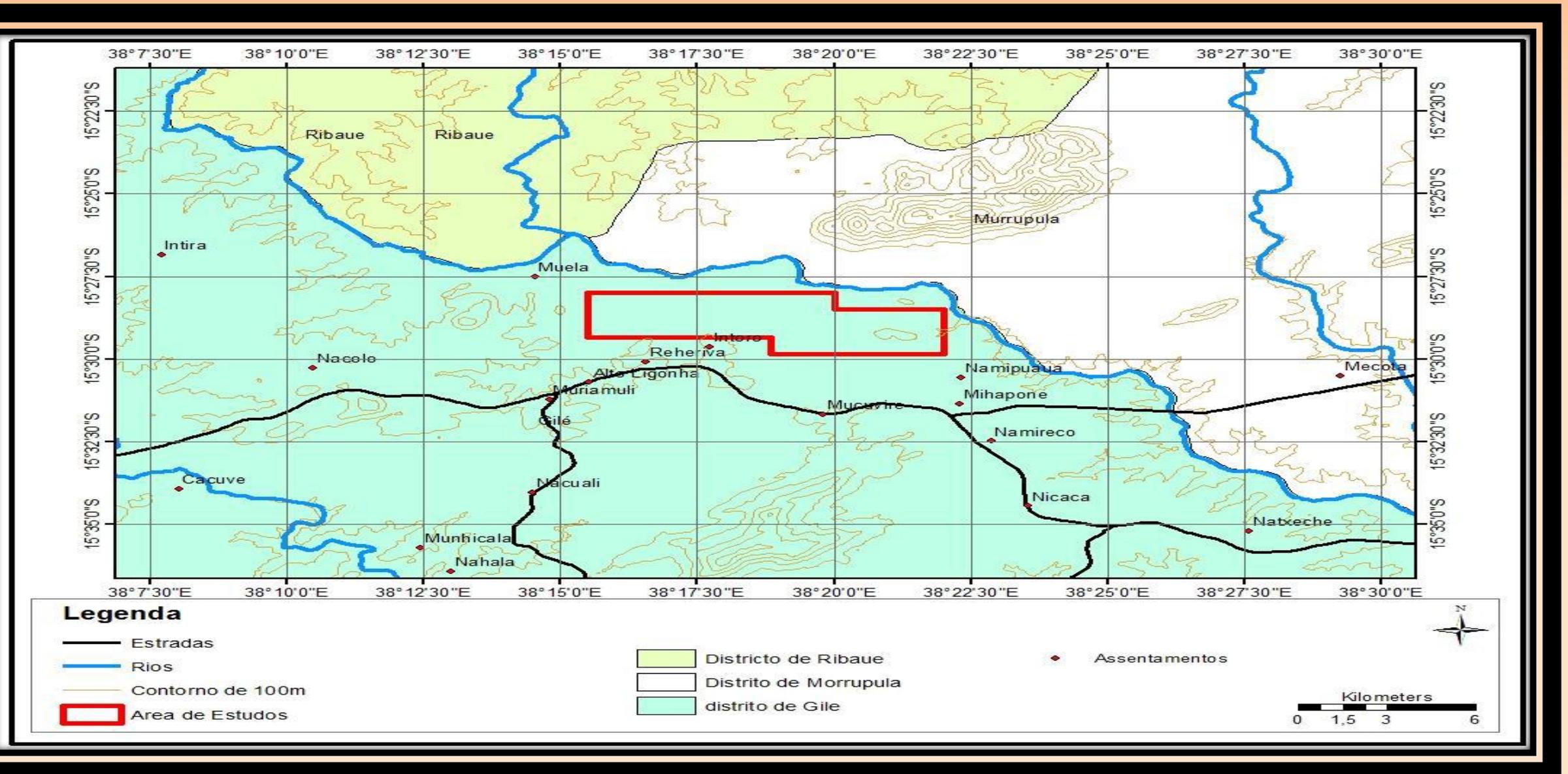
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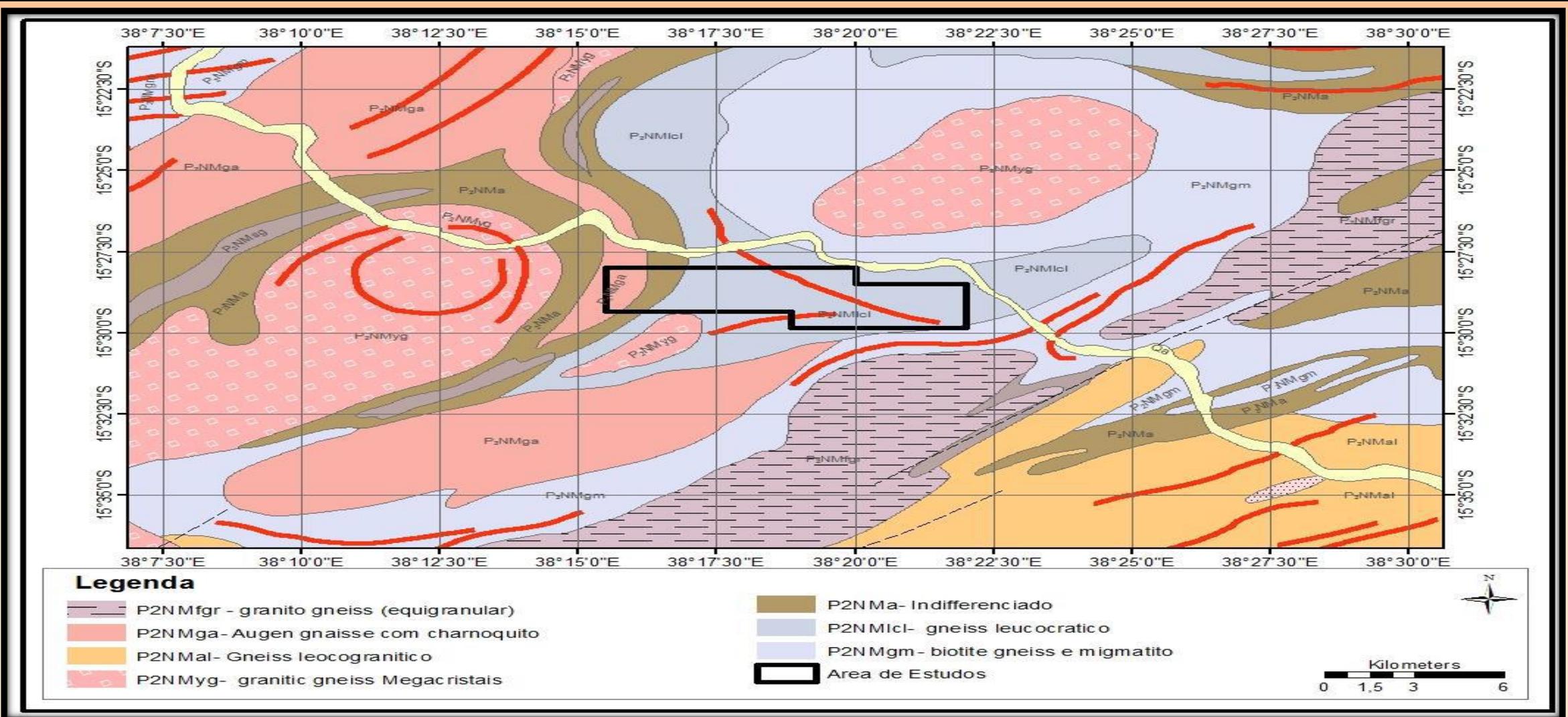
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Título: 11508 L		Província: Gaza
Tipo: Licença de Prospeção e Pesquisa		Distrito: Chibuto
Titular: Earthcon Resources VII, Lda.		
Chefe do Cadastro 	Área em hectares: 1.870,36	CADASTRO
Verificação cadastral		INAMI/MIREME
Verificação legal 		28-08-2023

# QUION ROCK RESOURCES – LITHIUM, AQUAMARINE AND TANTALITE



# QUION ROCK RESOURCES – LITHIUM, AQUAMARINE AND TANTALITE



# QUION ROCK RESOURCES – LITHIUM, AQUAMARINE AND TANTALITE

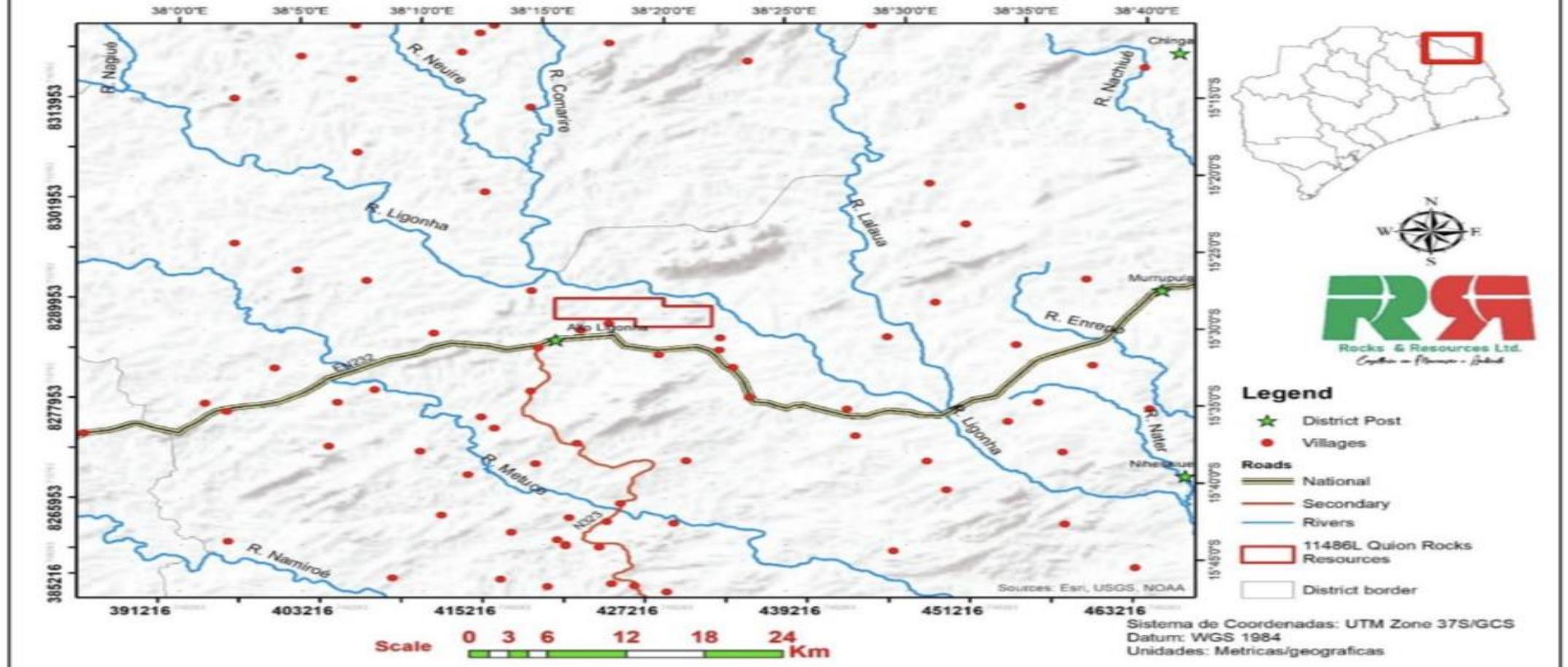


Fig. 1. Study Area location

# QUION ROCK RESOURCES – LITHIUM, AQUAMARINE AND TANTALITE

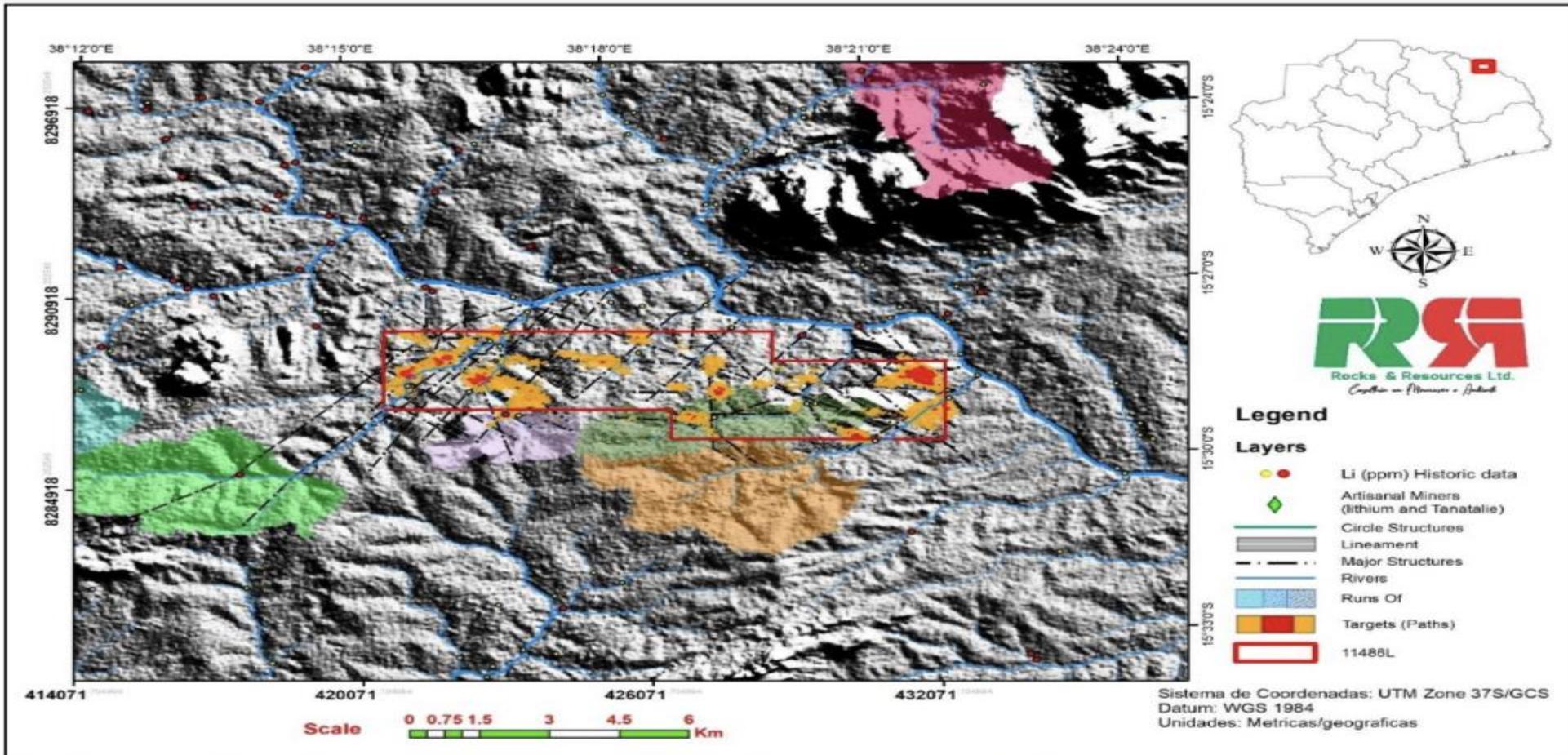
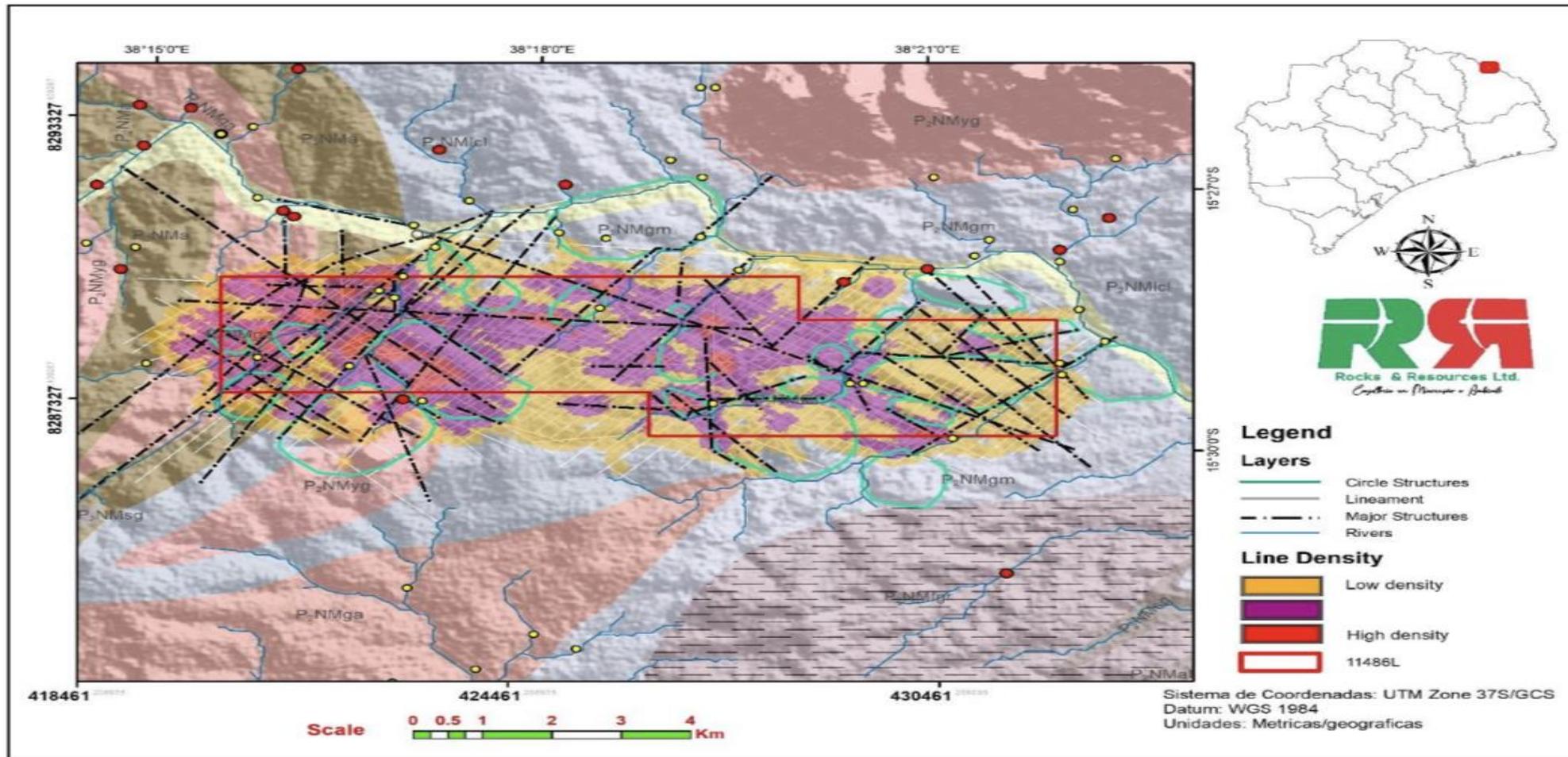


Fig.15. Exploration Map showing the spatial relation between major faults, lineaments structure, watershed and structure pathways layer (in yellow and red spot) g, in the study area

# QUION ROCK RESOURCES – LITHIUM, AQUAMARINE AND TANTALITE



13. Map illustrating the streamline, geochemistry data and predominant structures in the study area by colour

# QUION ROCK RESOURCES – LITHIUM, AQUAMARINE AND TANTALITE

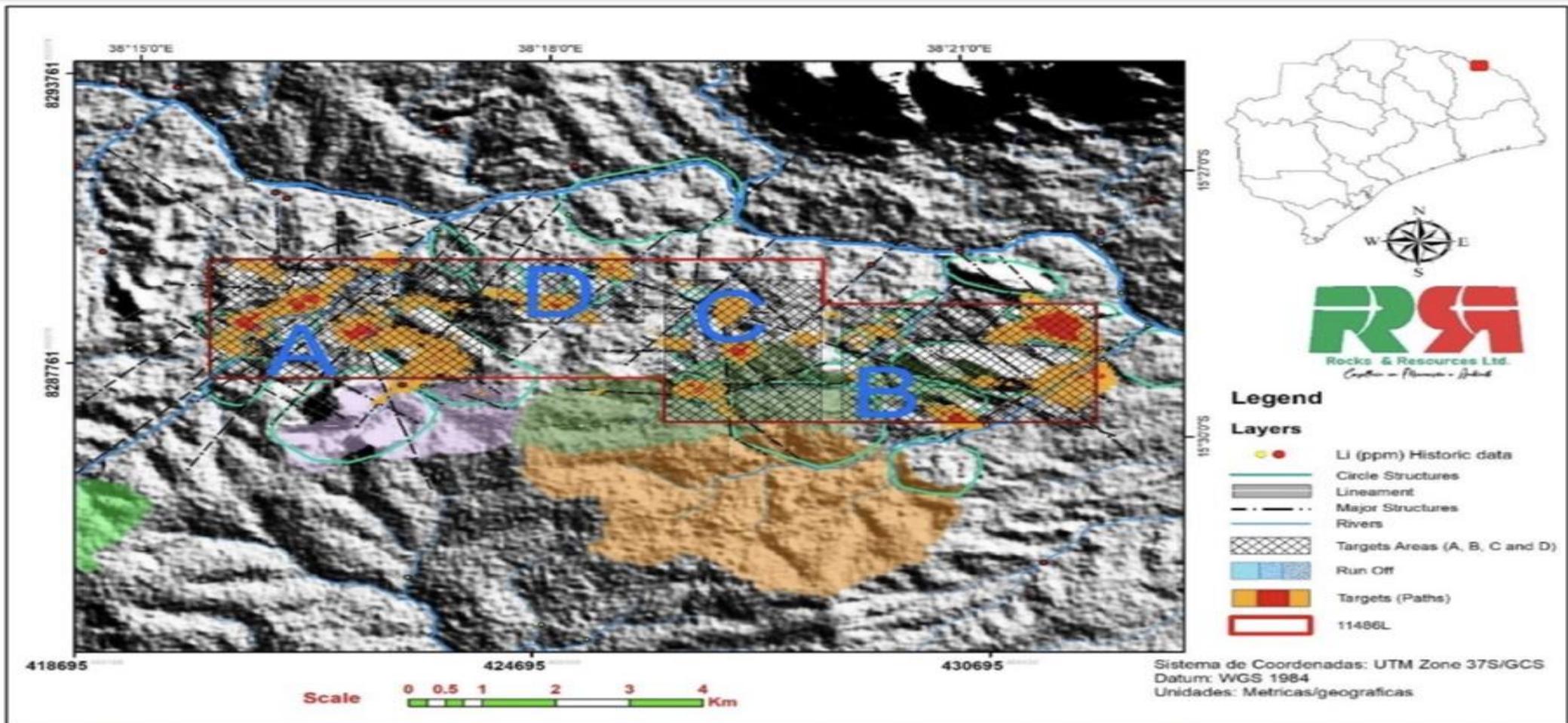
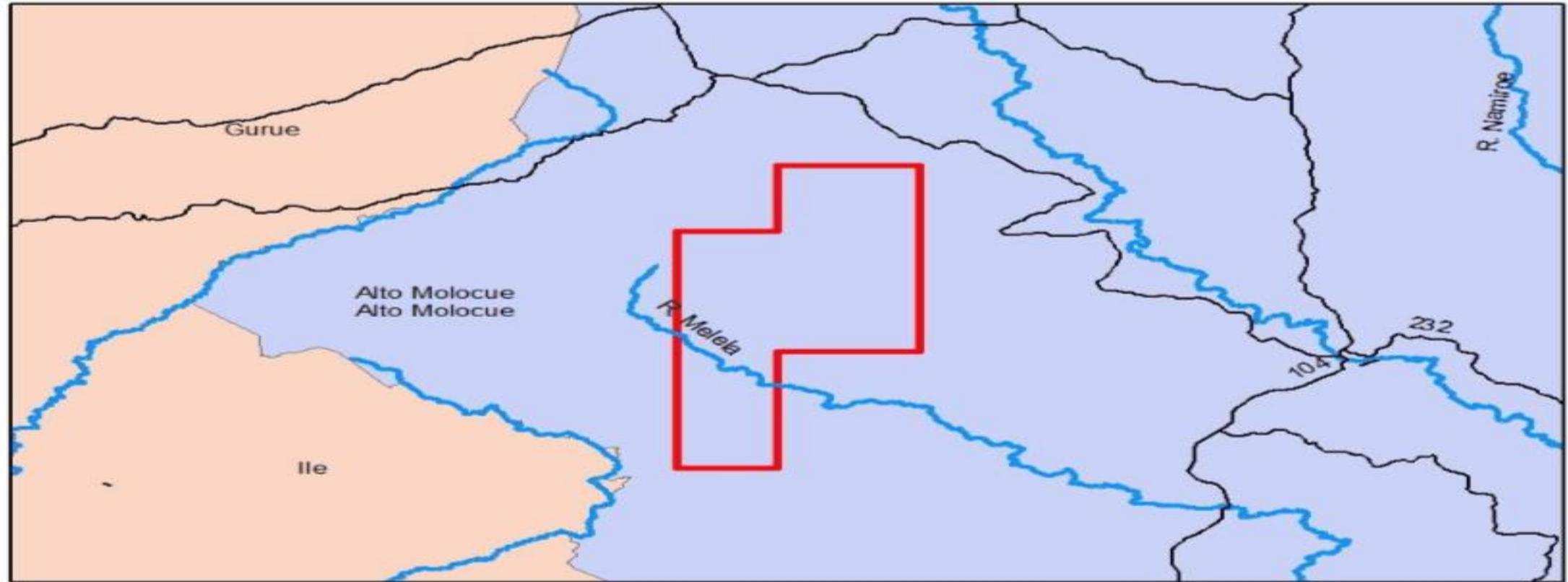


Fig. 16. Exploration Map showing the potential areas in the study area divide in A, B and C, being the A the most important one, followed by B and C respectively.

# CHINGO'S MINAS – LITHIUM, MONAZITE AND TANTALITE



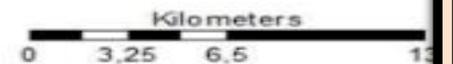
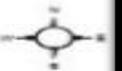
# CHINGO'S MINAS – LITHIUM, MONAZITE AND TANTALITE



## Legenda

- Estradas
- Rios
- Area de estudos

- Distrito de Alto Molocue
- Distritos da zambezia

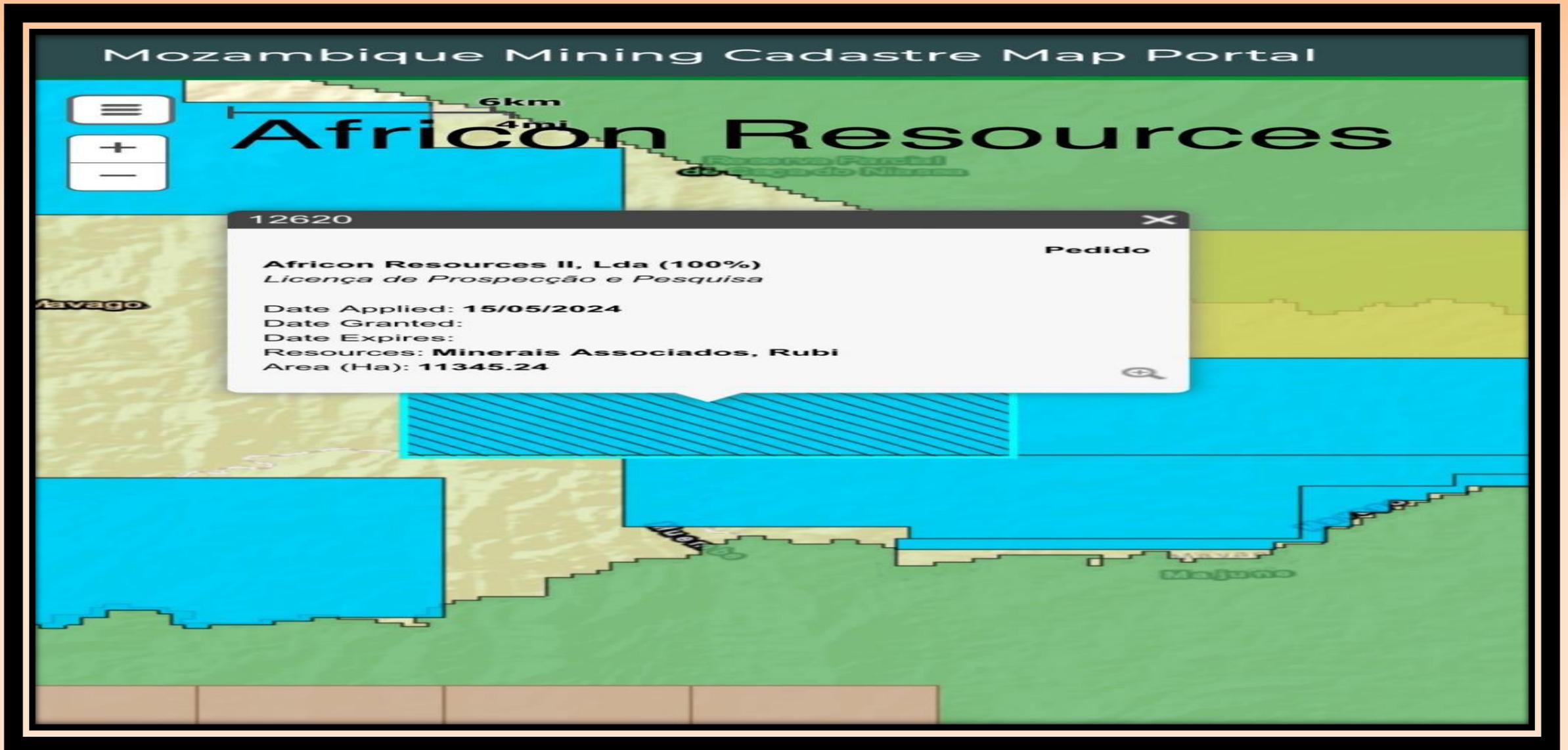




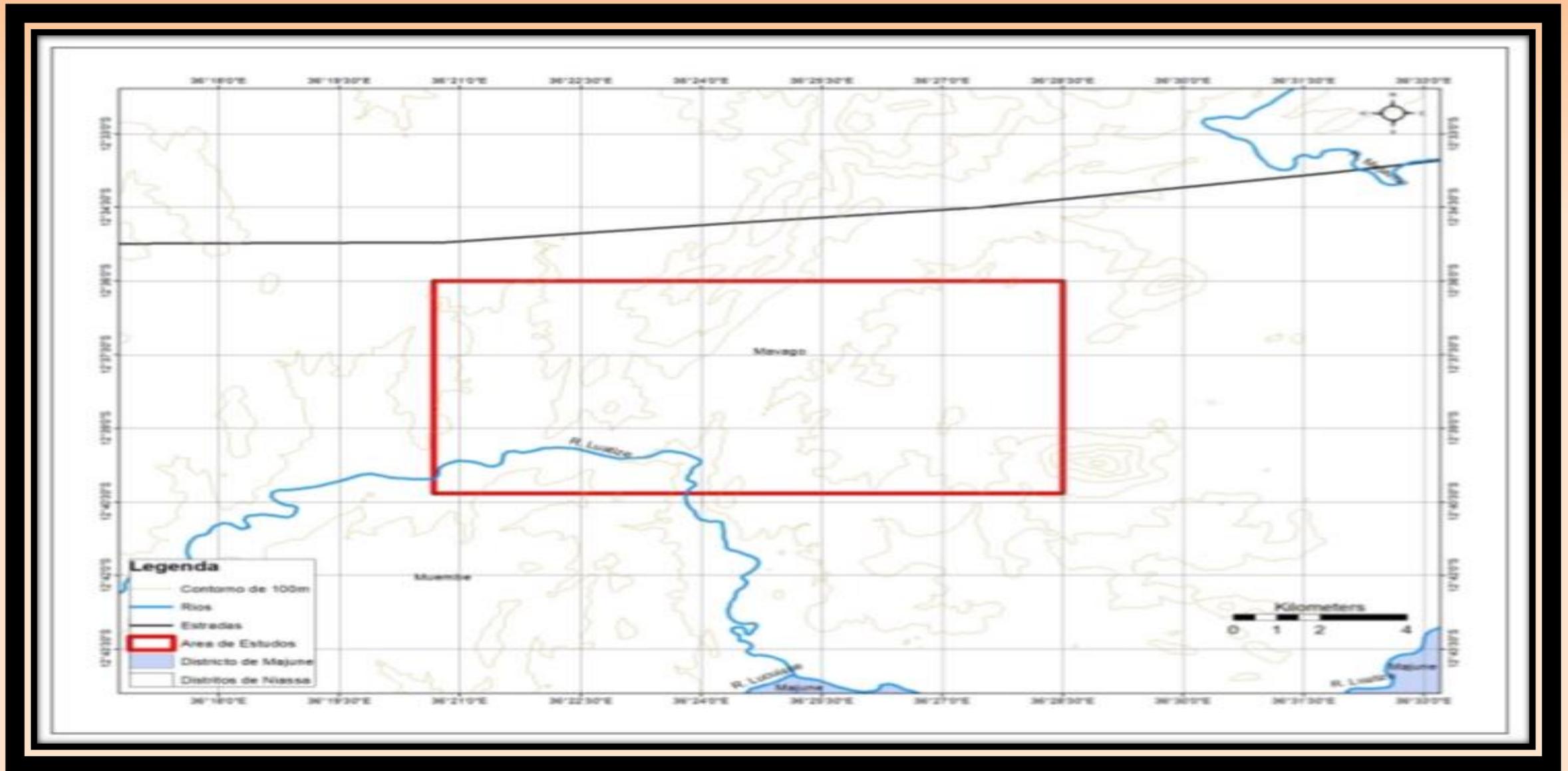
# CHINGO'S MINAS – LITHIUM SITE VISIT



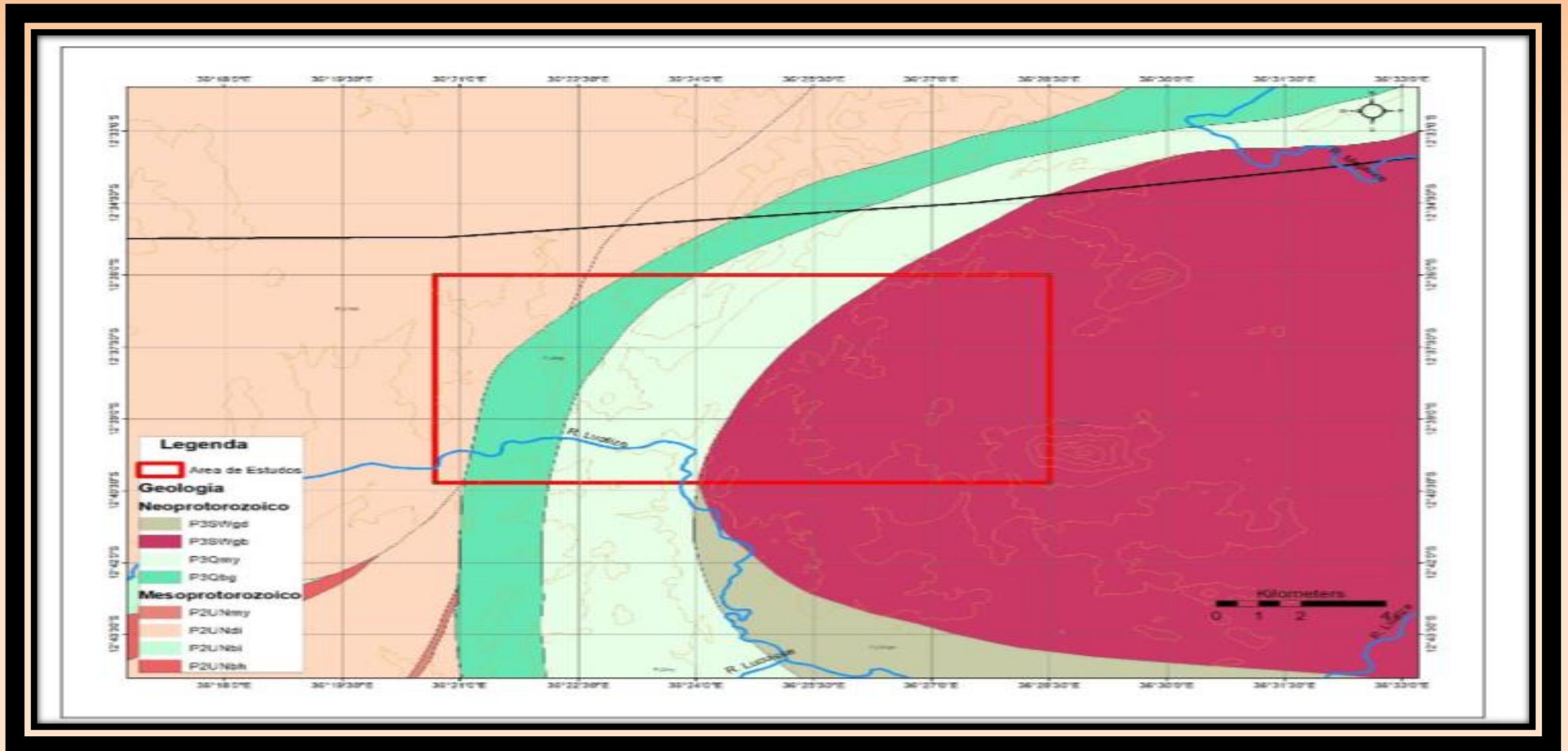
# AFRICON RESOURCES II – RUBY



# AFRICON RESOURCES II – RUBY IN MAVAGO



# AFRICON RESOURCES II – RUBY IN MAVAGO



# MOZAMBIQUE COMPANY DETAILS

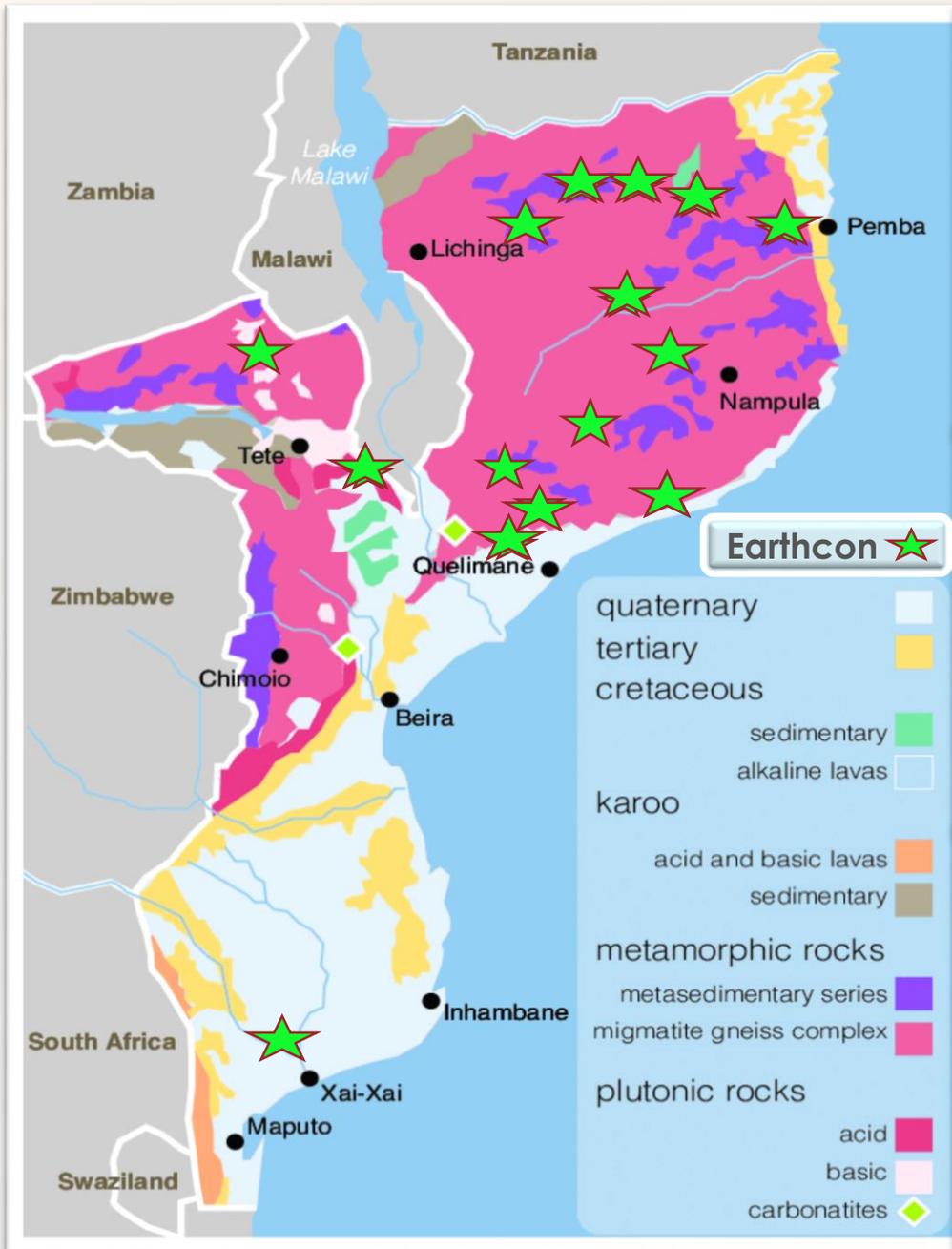
COMPANY NAME	EARTHCON RESOURCES I	EARTHCON RESOURCES II	EARTHCON RESOURCES III	EARTHCON RESOURCES IV	EARTHCON RESOURCES V
REGISTRATION NO	<b>101924629</b>	<b>101940713</b>	<b>101948358</b>	<b>101948331</b>	<b>101957616</b>
REGISTRATION DATE	2-Feb-23	1-Mar-23	13-Mar-23	13-Mar-23	27-Mar-23
SHARE CAPITAL (MZN)	100 000	100 000	100 000	100 000	100 000
NUIT NUMBER	<b>401 536 231</b>	<b>401 548 408</b>	<b>401 551 859</b>	<b>401 551 875</b>	<b>401 560 238</b>

# MOZAMBIQUE COMPANY DETAILS

COMPANY NAME	EARTHCON RESOURCES VI	EARTHCON RESOURCES VII	EARTHCON RESOURCES VIII	EARTHCON RESOURCES IX	EARTHCON RESOURCES X
REGISTRATION NO	<b>105009818</b>	<b>105001309</b>	<b>105001501</b>	<b>105003672</b>	<b>105003671</b>
REGISTRATION DATE	27-Mar-23	20-Apr-23	20-Apr-23	24-May-23	24-May-23
SHARE CAPITAL (MZN)	100 000	100 000	100 000	100 000	100 000
NUIT NUMBER	<b>401 562 893</b>	<b>401 566 007</b>	<b>401 566 007</b>	<b>401 568 034</b>	<b>401 579 567</b>

# MOZAMBIQUE COMPANY DETAILS

COMPANY NAME	CHINGOS MINAS LDA	QUION ROCK RESOURCES I	AFRICON RESOURCES II
REGISTRATION NO	100666065	101957608	105021087
REGISTRATION DATE	20-Oct-15	27-Mar-23	22-Mar-24
SHARE CAPITAL (MZN)	500 000	100 000	100 000
NUIT NUMBER	400 641 919	401 560 289	401 579 583



## ASSOCIATE PARTNERS – GEOLOGICAL CONSULTANTS

- ROCK & RESOURCES LDA  
(GOLD AND LITHIUM)
- ROCK INVESTIMENTOS LDA  
(RUBY, GOLD AND GRAPHITE)
- N'KOLOTO RESOURCES LDA  
(GOLD AND RUBY)
- YUNOOS ALY ISAIAS NHADAMO  
(GOLD AND LITHIUM)

# FIELD STAFF TEAM



# **EARTHCON RESOURCES LDA**

**Contact: Vipul Gandhi**

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**info@earthconresources.com**