



TRITON  
MINERALS LTD

# **CORPORATE PRESENTATION**

May 2013

This document contains forward-looking statements. These statements relate to future events or our future financial performance. Their accuracy is dependent on known and unknown risks, uncertainties and other factors that may cause our or our industry's actual results, levels of activity, performance or achievements to be materially different from any future results, levels of activity, performance or achievements expressly or implicitly predicted by the forward-looking statements. In some cases, you can identify forward-looking statements by terminology such as "may," "should," "expect," "plan," "anticipate," "believe," "estimate," "predict," "potential," "continue," or the negative of such terms or other comparable terminology. These statements are only predictions. Actual events or results may differ materially. In evaluating these statements, you should specifically consider various factors, including the risks outlined herein, which may cause our actual results to differ materially from any forward-looking statement. Although we believe that the expectations reflected in the forward-looking statements are reasonable, we cannot guarantee future results, levels of activity, performance or achievements. Moreover, neither we nor any other person assumes responsibility for the accuracy and completeness of the forward-looking statements. We are under no duty to update any of the forward-looking statements after the date of this document in order to conform such statements to actual results, whether such results are based on new information or otherwise.

# Corporate Snapshot

## Directors

Malcolm James – Non Executive Chairman

Brad Boyle – Managing Director

Alf Gillman – Non Executive Director

## Current Capital Structure

163,370,759 Shares

50,231,250 Listed and Unlisted Options

## Cash at 31 March 2013

\$1.9M

## Market Cap at 3 May 2013

\$10.8M



Image 1: Share Price Chart for Triton Minerals Ltd 2012/2013 (Image Sourced from Etrade 3 May 2013)

## Features

- One of the most common and stable types of carbon
- Excellent electrical conductor
- Extremely strong cohesive bonds, heat-resistant (to 3000° C)
- Resistant to solvents, dilute acids, or fused alkalis
- Growing industrial demand from emerging economies
- Dramatic increase in price, demand and new uses
- Chinese supply concerns (70% of world production)
- EU and USA have named graphite a supply critical mineral



Image 2: Sample of Graphite (Image Sourced from Wikipedia <http://en.wikipedia.org/wiki/Graphite>)

## Material Use:

- Dry lubricant (Industrial applications)
- Medical implants
- Reentry shields for missile nosecones
- Solid rocket engines
- High temperature reactors
- Brake shoes and electric motor brushes
- Fire seals, fitted around the perimeter of a fire door
- Batteries: Li ion batteries, fuel cells, nuclear power
- Electronic devices (smart phones, TV)

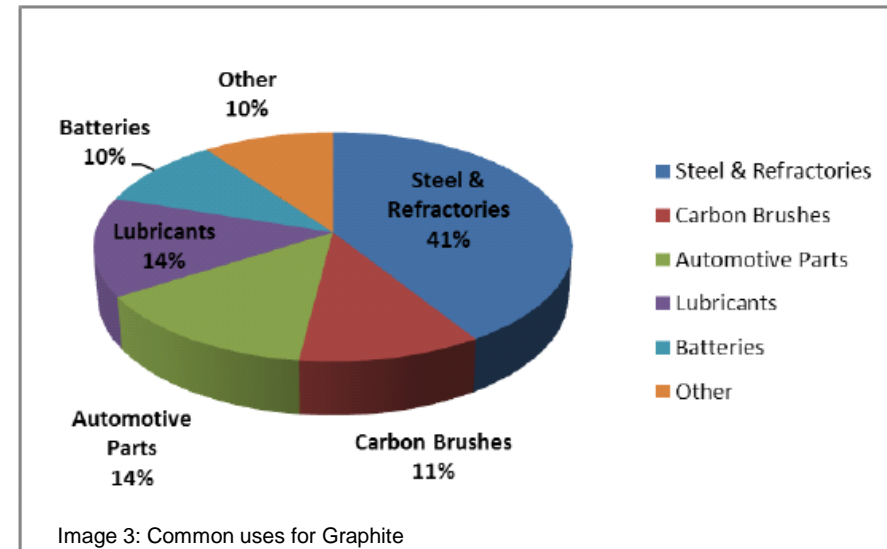


Image 3: Common uses for Graphite

# Demand for Graphite

## Key Features

- Stable commodity price around \$3,000 per ton
- Predicted strong future global demand for flake graphite – Green Energy
- Limited good quality flake graphite deposits
- Triton well positioned to capitalise on market demand for graphite, subject to further exploration success

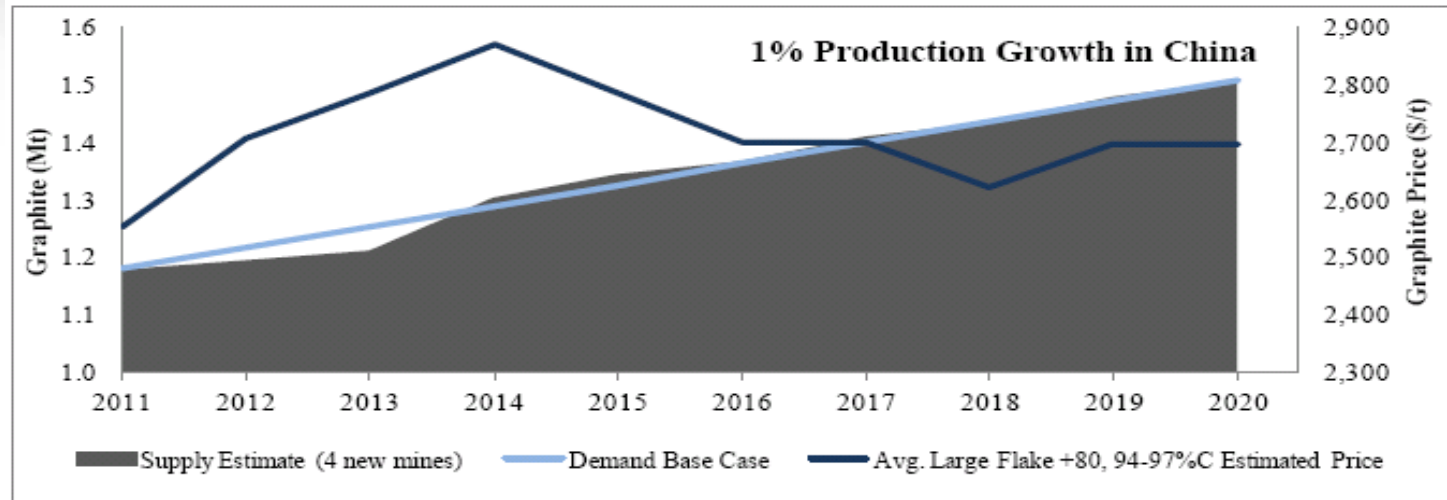


Image 4: Estimated future demand and use of flake Graphite Sourced: K. Mugeran, "GRAPHITE – Black Gold of 21<sup>st</sup> Century", Industrial Alliance Securities Inc, 1 May 2012, p.19.

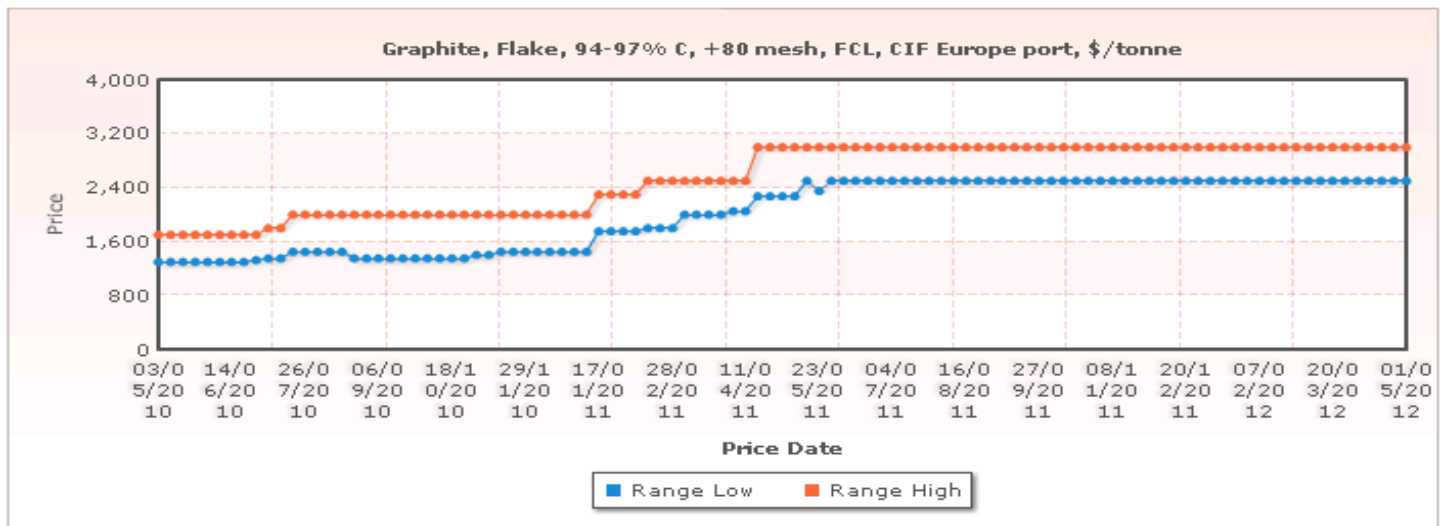


Image 5: Price chart for Flake Graphite for the 2010 – 2012. Sourced: <http://www.indmin.com/MarketTracker/197195/Graphite.html?id=GT-C>

# Mozambique Licenses

## KEY FEATURES

- Triton holds 49% interest in Graphite Project
- Consists of 2 granted exploration licenses and 5 applications, covering a total area of about 1,150 square kilometres
- Licences adjoin known Graphite mineralisation and past producing High Grade Flake Graphite mine
- Aeromagnetic and radiometric data identifying multiple target areas
- Extensive Graphite mineralisation located in Balama and numerous Graphite exposures located in Ancuabe
- Good access to sites and close to good infrastructure for future project development needs, including Pemba natural deep water port
- Strong Local and Federal Government support

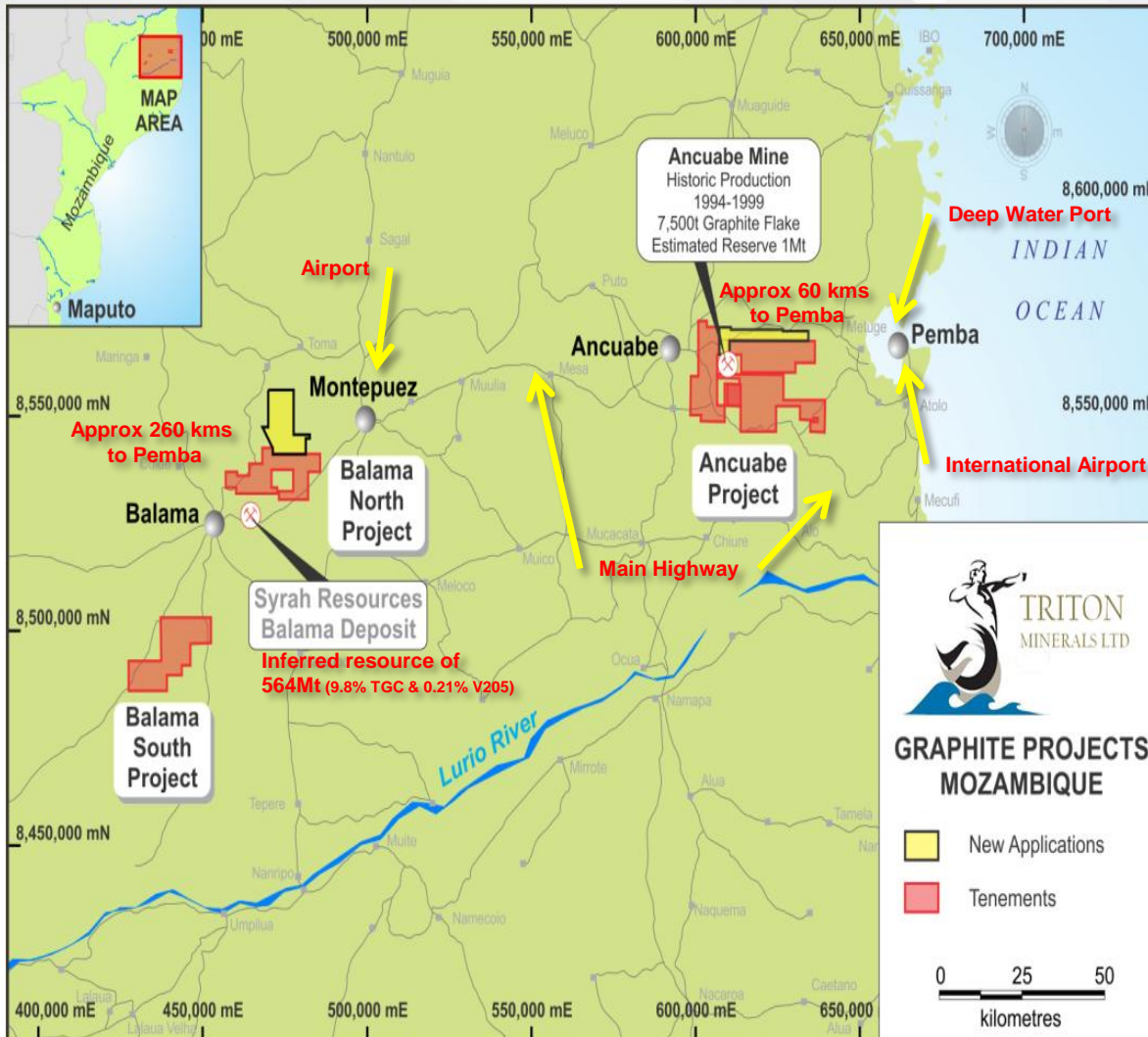


Image 6: Overview of the seven (7) Mozambique License areas



# BALAMA PROSPECTS



# Balama Prospects

## KEY FEATURES

- Highly prospective and known graphite mineralisation in area
- Syrah Resources Ltd Balama world class flake graphite deposits next door (Inferred resource of 564Mt)
- Extensive Flake Graphite mineralisation located in northern sector
- Proof of concept of graphite mineralisation in corridor
- Constitute high quality exploration targets on North-East Corridor
- Good access to sites
- Multiple target areas identified
- Drill ready targets now defined
- Close to infrastructure at Balama
- Good local landowner support

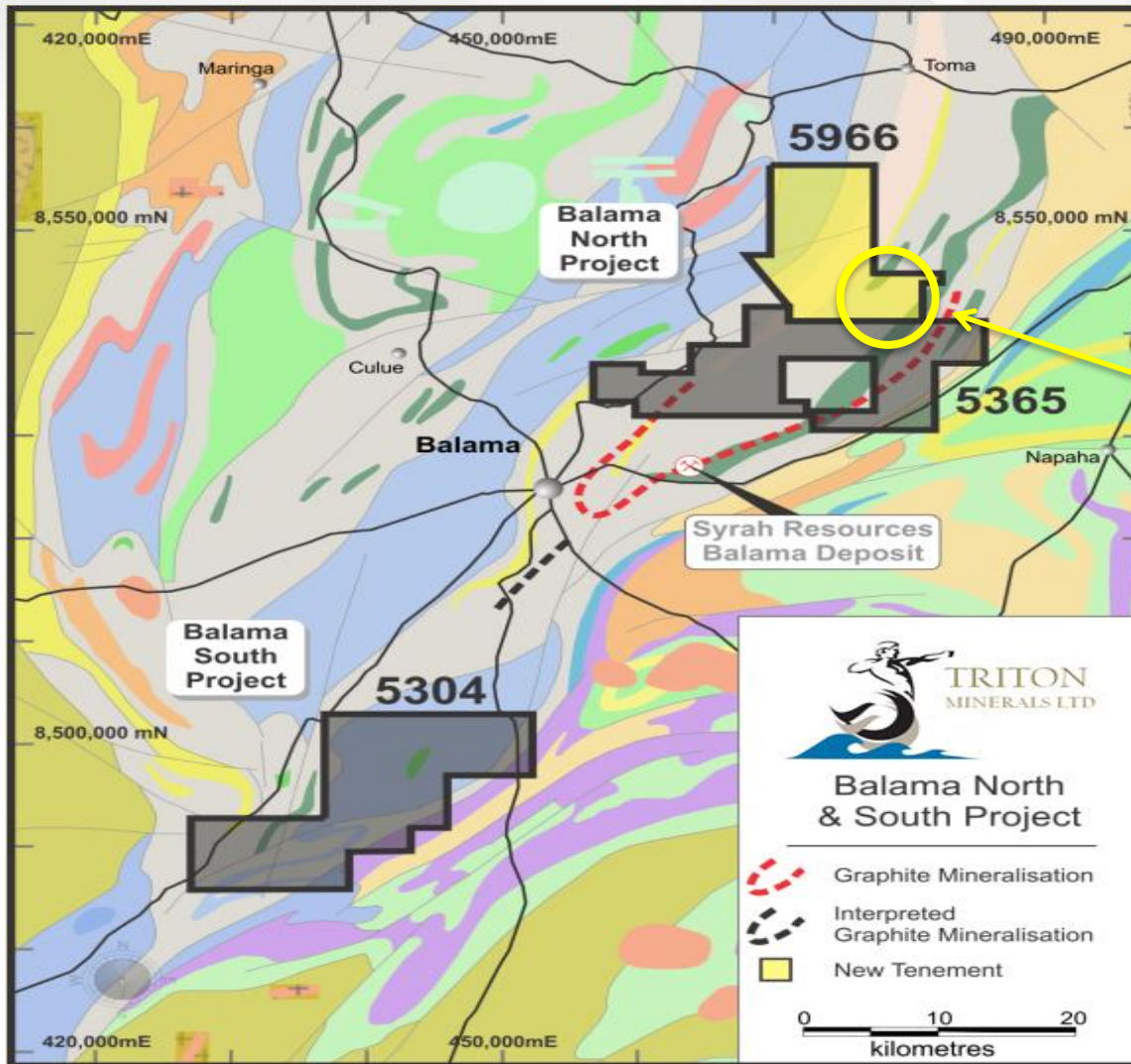


Image 7: Overview of the interpreted regional structural geology and graphite mineralisation potential in the Balama License areas (location of the graphite exposure is an approximation for illustration purposes only)



# Balama North Licenses

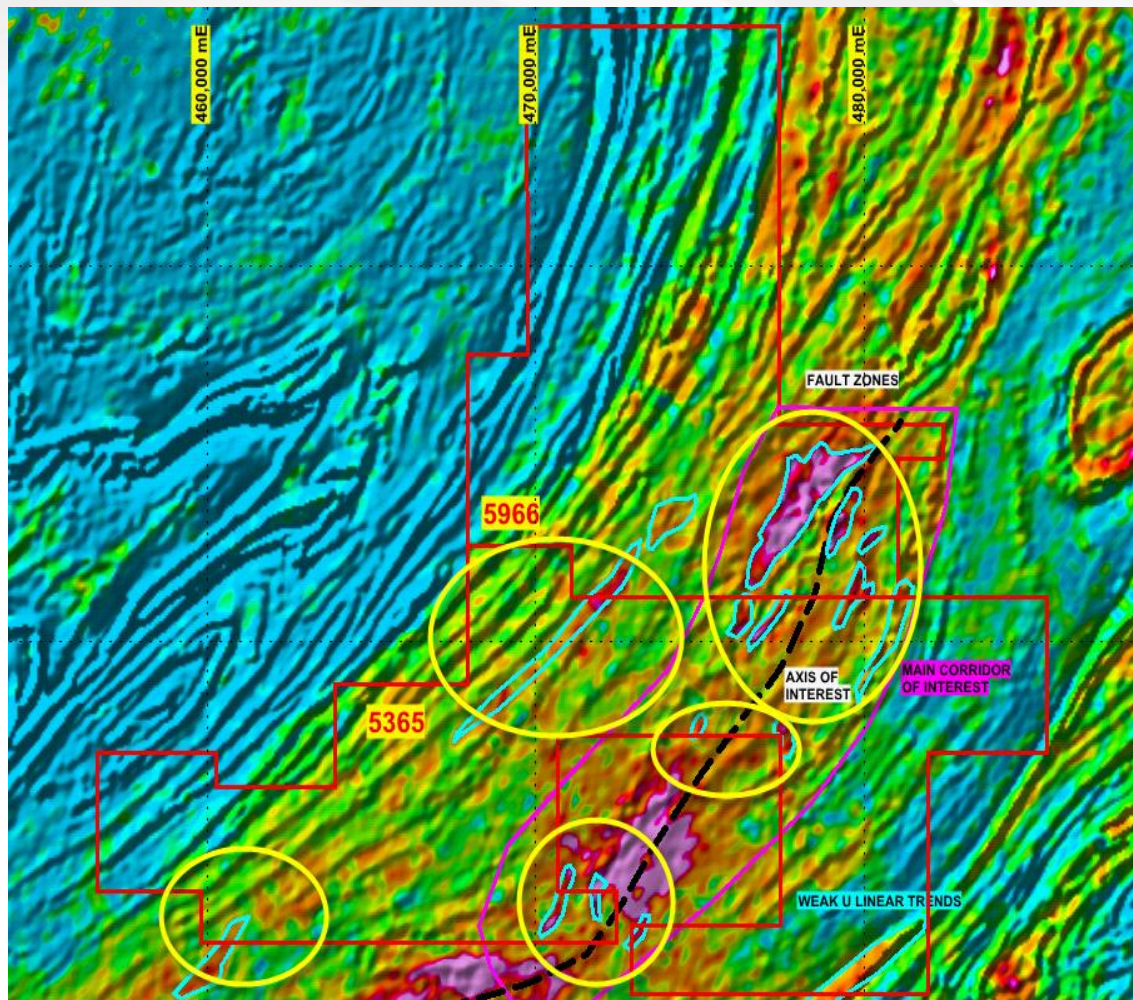


Image 8: Interpretation of aeromagnetic and radiometric data showing target areas at Balama North Licenses

## KEY FEATURES

- Extensive Flake Graphite mineralisation on the North East trending corridor (supported by initial exploration results)
- Initial exploration results has confirmed original interpretation of data which identified multiple areas of interest
- Additional geological interpretation refined priority target areas
- Mineralisation going under cover (supported by initial exploration results)
- Clear defined target areas to now be drill tested
- Further mapping, sampling and trenching to be completed in conjunction with 2013 drilling program

## KEY FEATURES

- Exploration priority targets defined
- Initial exploration program completed in April 2013
- **Proof of Concept:**  
Extensive Graphite mineralisation located in north east sector of project
- Highly prospective and close proximity to known graphite mineralisation (Syrah Resources Ltd Balama Deposit)
- Target areas to be drill tested
- Potential to host large scale graphite deposits
- Good access to site and potential synergies with Syrah.
- Close to infrastructure at Balama including natural deep water port

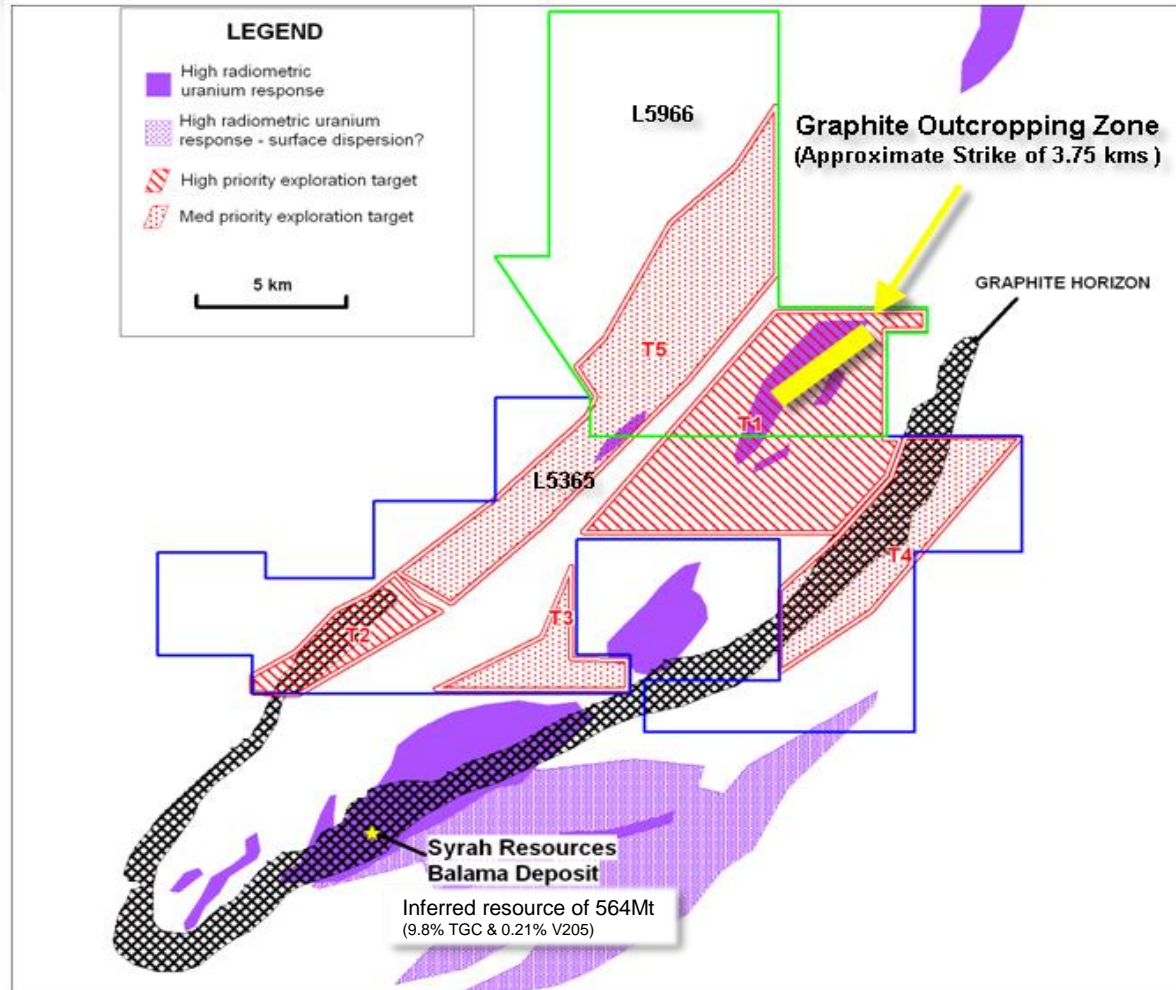


Image 9: Exploration priority targets defined for the Balama North licenses (location of the graphite exposure is an approximation for illustration purposes only)

# 2013- Balama North Work Program

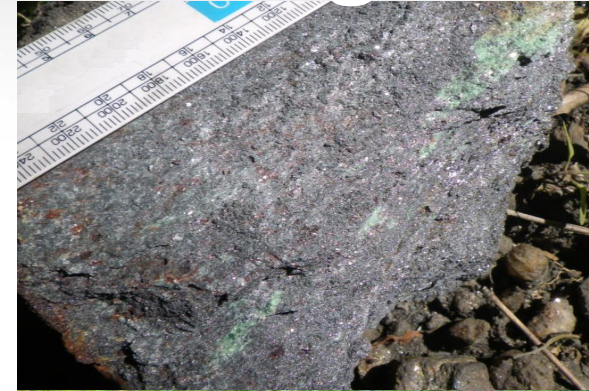
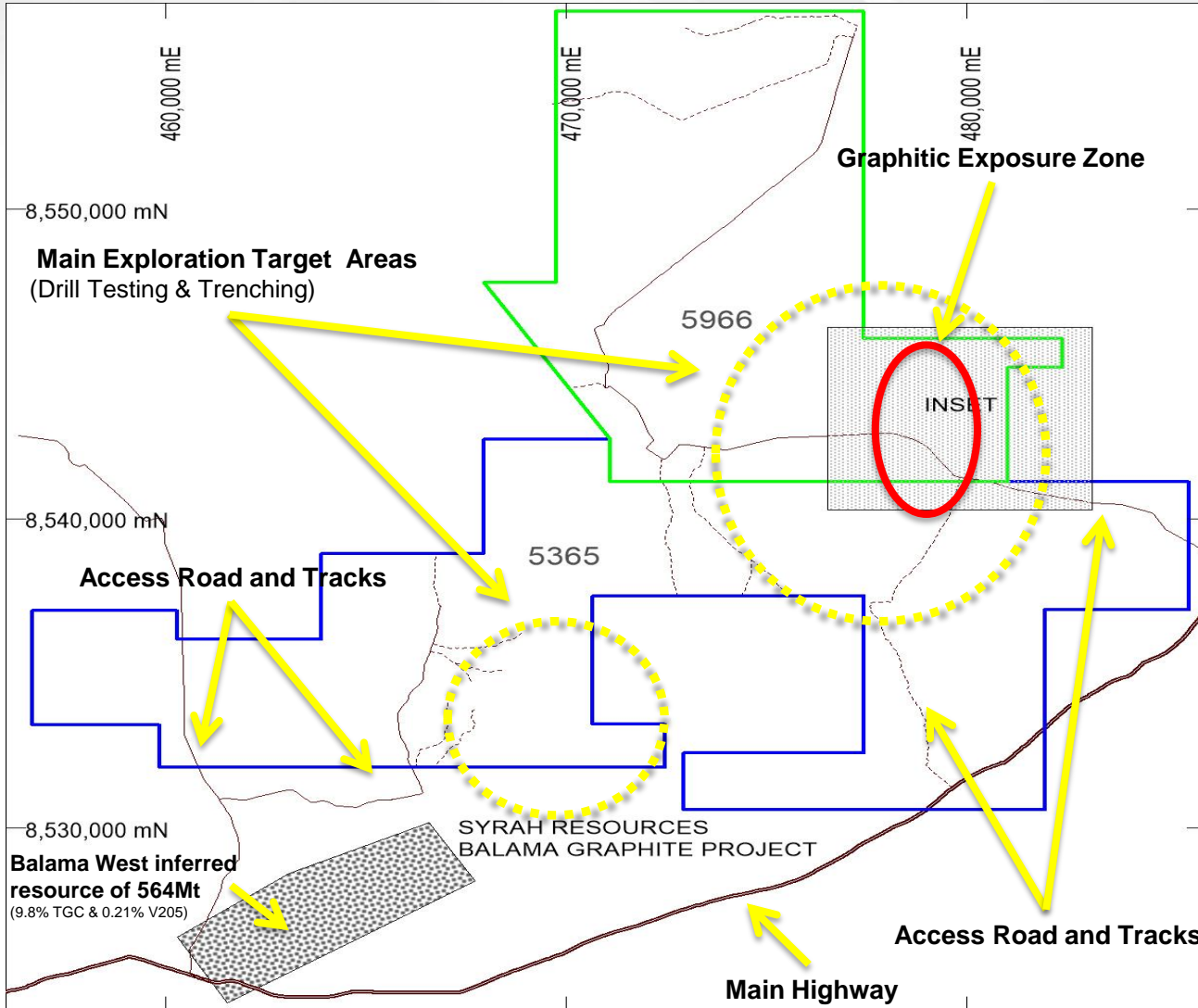
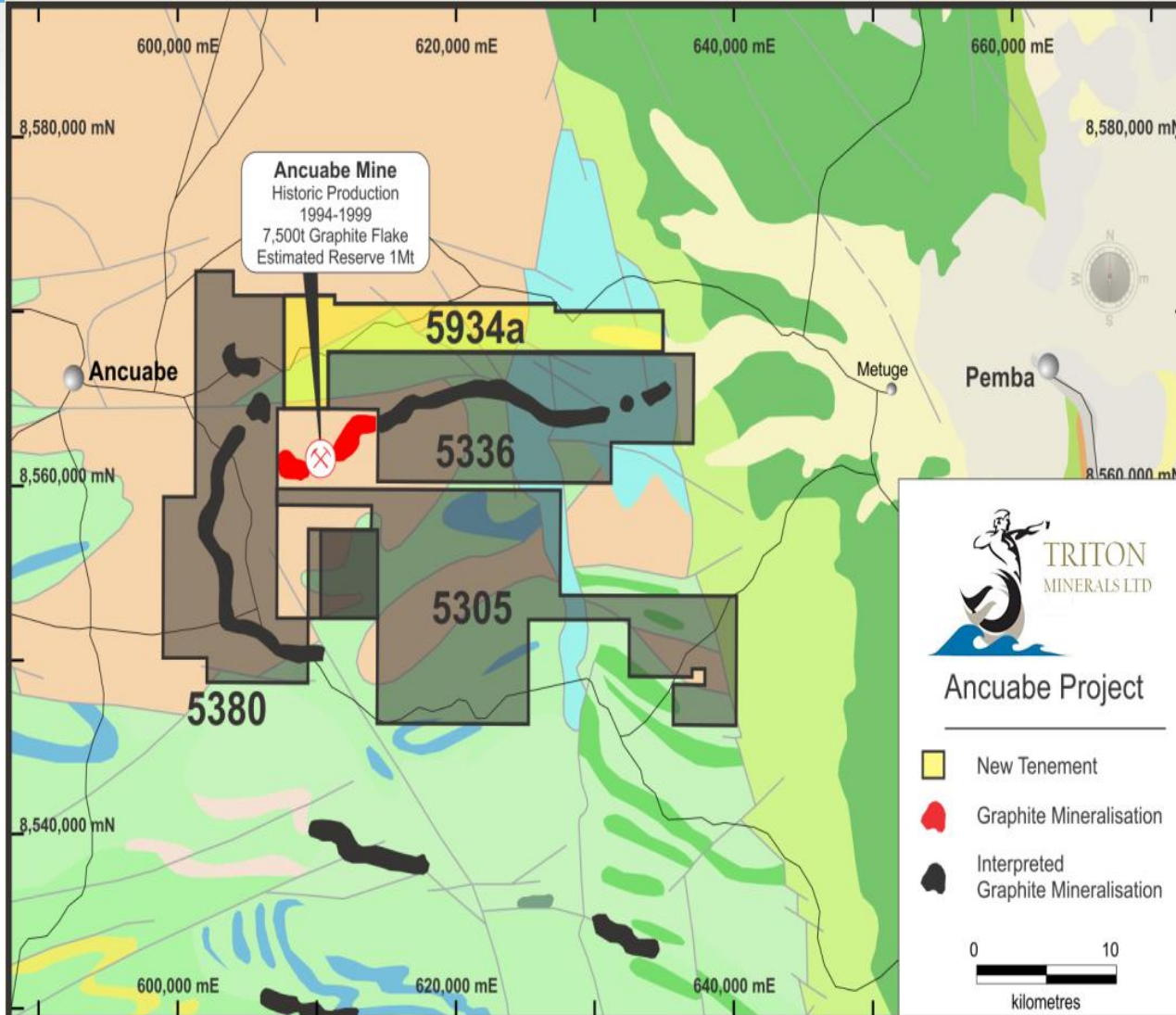


Image 10: Exploration target area of interest on the Balama North licenses (location of the graphite exposure is an approximation for illustration purposes only)

# ANCUABE PROSPECTS



# Ancuabe Prospects



## KEY FEATURES

- Highly prospective and known graphite mineralisation in area
- Historic Production of Graphite (Ancuabe Mine held by AMG Mining)
- Numerous Flake Graphite exposures located in north west sector
- Proof of concept of graphite mineralisation
- Constitute high quality exploration targets to be drill tested
- Good access to sites
- Multiple target areas identified
- Drill ready target now defined
- Close to infrastructure at Ancuabe and Pemba
- Good local landowner support

Image 11: Overview of the interpreted regional structural geology and graphite mineralisation potential in the Ancuabe License areas (location of the graphite exposure is an approximation for illustration purposes only)

## KEY FEATURES

- AMG gearing up to recommence production at Ancuabe mine in 2014
- Numerous Flake Graphite exposures possible extension of graphite mineralisation from Ancuabe Mine (supported by initial exploration results)
- Initial exploration results has confirmed original interpretation of data which identified multiple areas of interest
- Additional geological interpretation refined target areas
- Mineralisation going under cover (supported by initial exploration results)
- Initial exploration program completed in April 2013
- Clear defined target areas to now be drill tested
- Further mapping, sampling and trenching to be completed in conjunction with 2013 drilling program

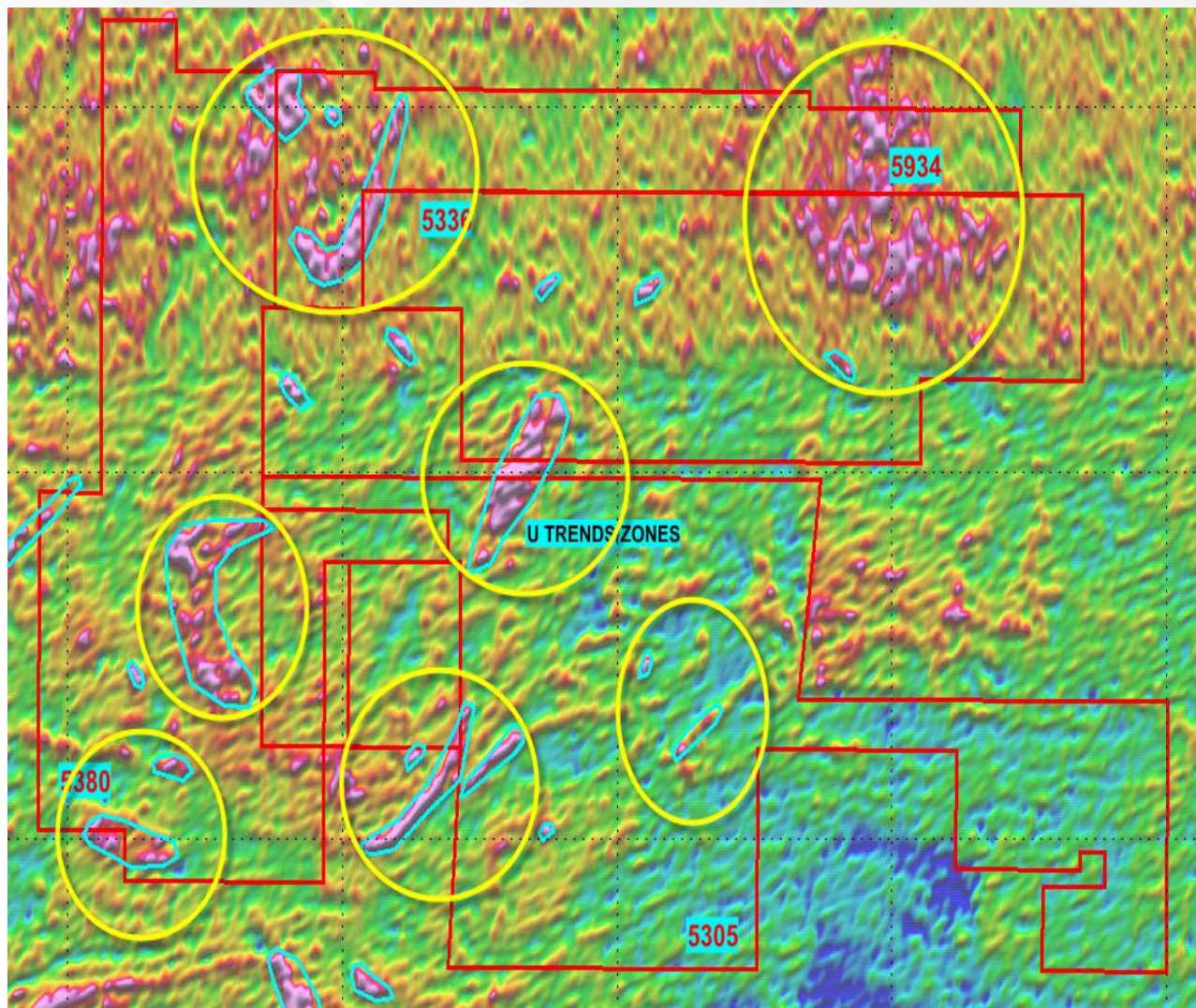


Image 12: Interpretation of aeromagnetic and radiometric data showing target areas at Ancuabe licenses

# Ancuabe Licenses (Cont.)

## KEY FEATURES

- Exploration priority targets defined
- Initial exploration program completed in April 2013
- **Proof of Concept:**  
Numerous Flake Graphite exposures located in north west sector of project
- Highly prospective and close proximity to known graphite mineralisation (AMG Ancuabe Mine)
- Target areas to be drill tested
- Potential to host large scale graphite deposits
- Good access to site potential synergies with AMG.
- Close to infrastructure at Ancuabe and Pemba

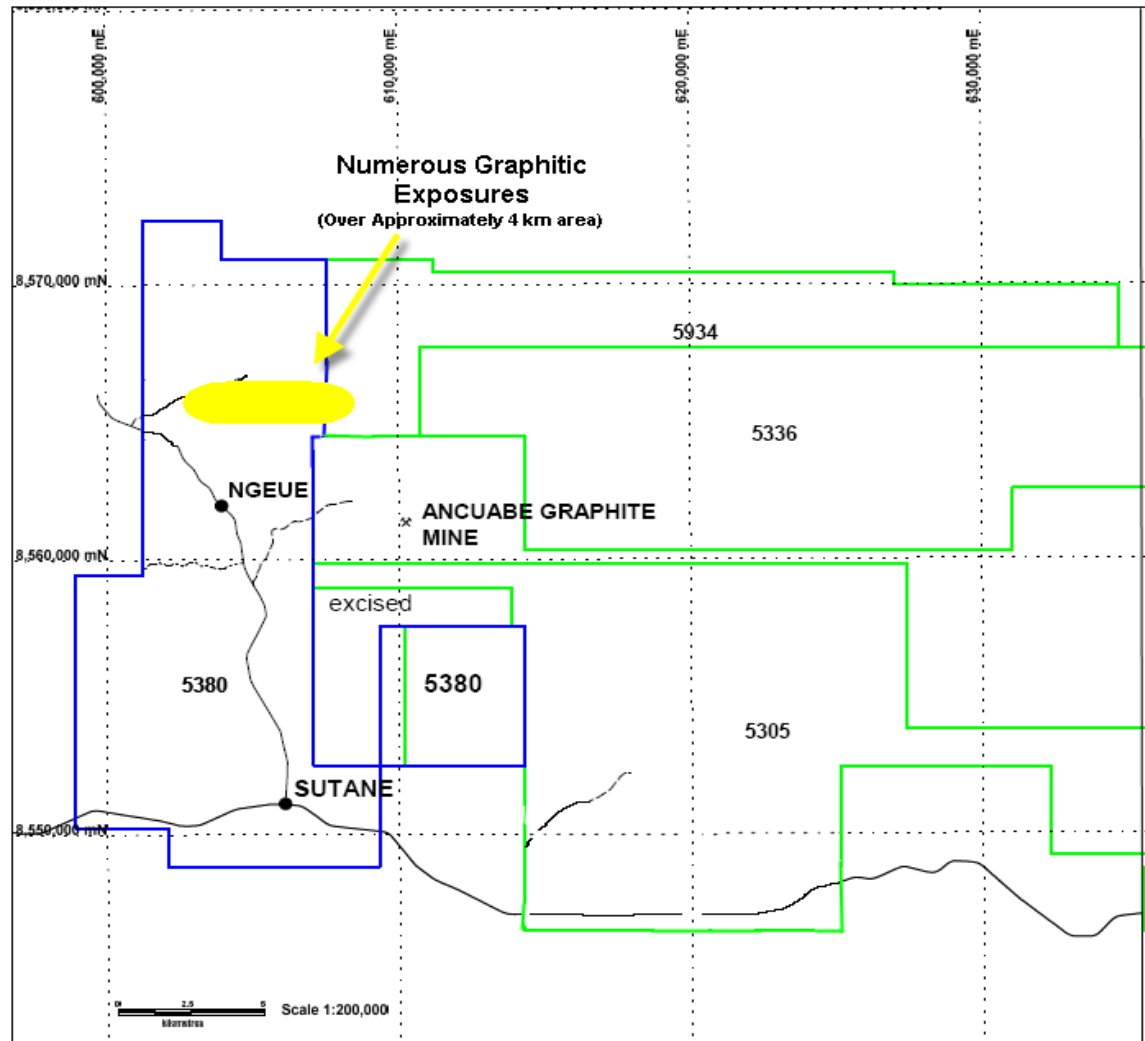


Image 13: Numerous Graphite exposures on the Ancuabe licenses (location of the graphite exposure is an approximation for illustration purposes only)

# Ancuabe 2013 Work Program

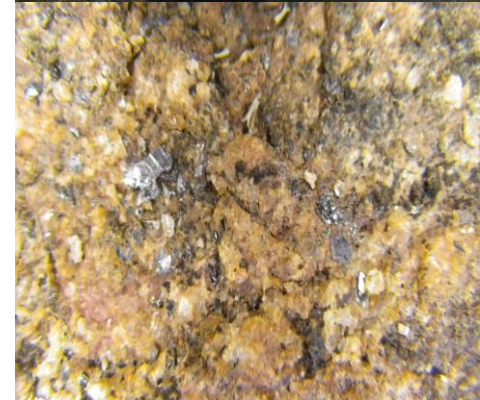
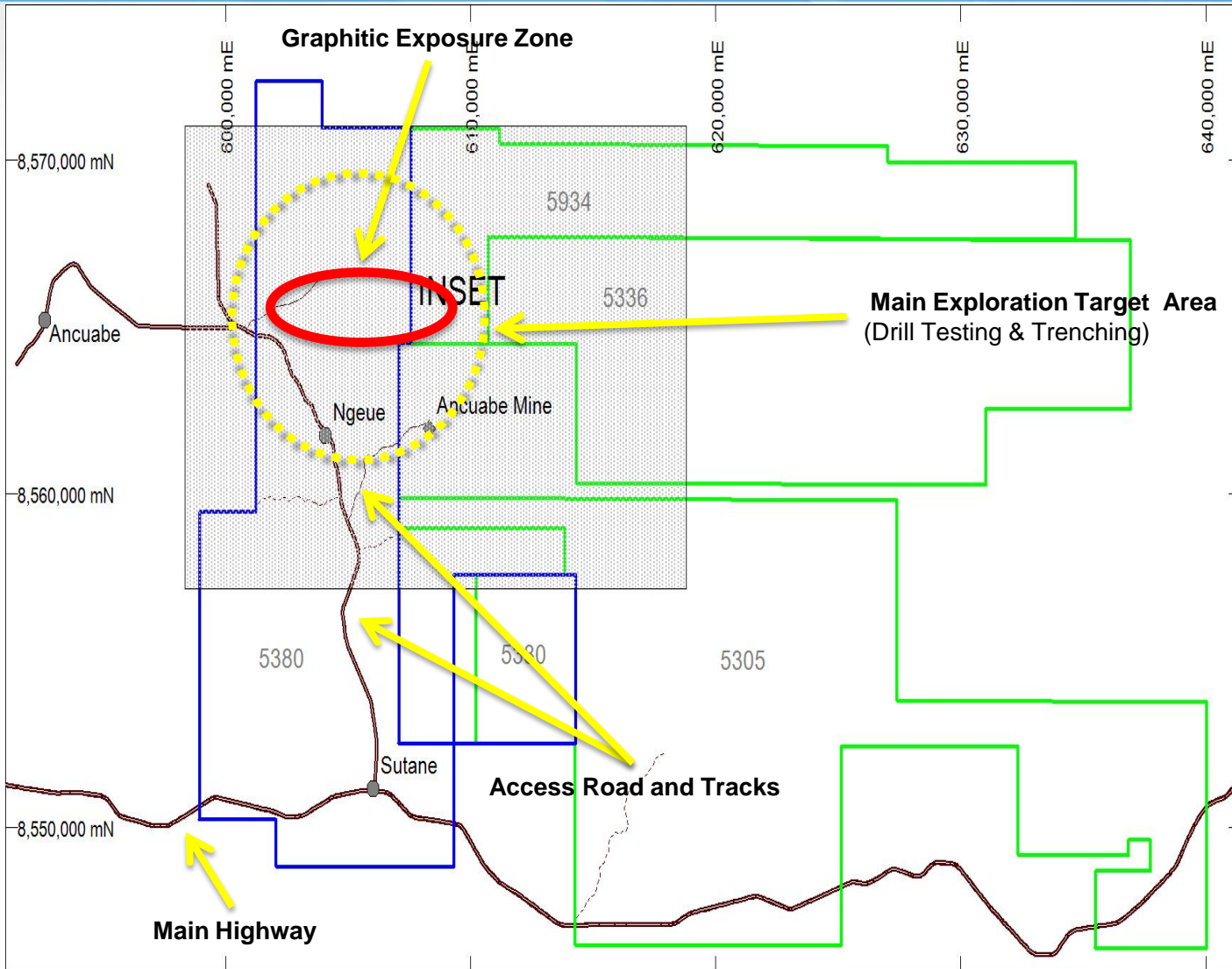


Image 14: Exploration target area of interest on the Ancuabe licenses (location of the graphite exposure is an approximation for illustration purposes only)



# Peer Company Review- SYR

	SYRAH RESOURCES LTD	TRITON MINERALS LTD	Comments
<b>Shares on Issue</b>	147,767,623	163,370,759	Similar number of shares.  Both companies have strong market support and solid liquidity
<b>Share Price</b>	\$1.67	\$0.66	Significant price difference between companies.
<b>Market Cap</b>	\$246.8M	\$10.8M	Subject to positive exploration results, good upside potential for Triton
<b>Graphite Project</b>	Balama West & East	Balama North & Ancuabe	Triton projects located close proximity to known graphite mineralisation , with good access to sites and potential company synergies.
<b>Deposits</b> 	<p>Largest known Graphite deposit in the world, Balama West inferred resource of 564Mt (9.8% TGC &amp; 0.21% V205)</p> <p>Balama East resource to be defined shortly.</p> <p>The combined length of Syrah deposits is approximately 5km</p>	<p>Strong potential for further exploration success at Balama North project (Extensive Flake Graphite mineralisation exposure over 3.75kms. Potential to host large scale graphite deposits).</p> <p>Good initial results at Ancuabe project (numerous graphite exposures over 4kms )</p>	<p>Initial focus at Balama North project with flake graphite showing similar characteristics to the Syrah Resources Ltd graphite deposits. Triton Balama North samples show possibility for other mineralisation categories as indicated by the green layers.</p> 

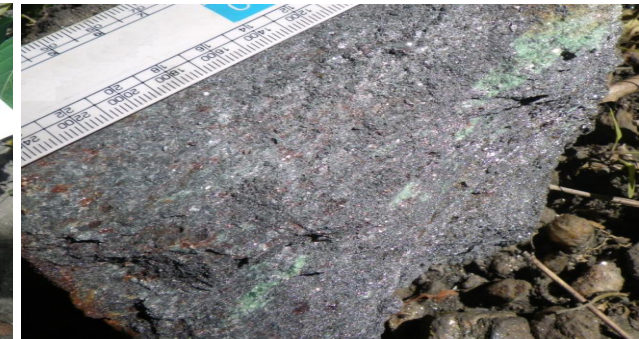
Image 15: Samples of graphite from Syrah Balama projects  
(Sourced from <http://www.syrahresources.com.au/asx-announcements.html> 6 May 2013)

Image 16: Sample of graphite from Triton Balama North project

# Expected News Flow for 2013

- Annual General Meeting of Shareholders
- Ministerial approval of Exploration Licenses
- Environmental approval for Drilling at Balama North and Ancuabe projects
- Engagement of Service providers for next phase of the Exploration program
- Laboratory results from Graphite samples obtained during initial exploration program
- Commencement and results from further Mapping, sampling and trenching program at Balama North and Ancuabe
- Commencement and results from Drilling Program at Balama North and Ancuabe
- Advancement of current relationships with key stakeholders:
  - Neighbouring Project Licenses holders
  - Local landholders
  - Local, regional and federal government
- Updates on project acquisition opportunities

- Mozambique graphite projects are early stage exploration
- Solid positive initial exploration results (Extensive Flake Graphite mineralisation already located)
- Proof of concept: Graphite located at Balama North and Ancuabe projects
- Good potential for large flake graphite deposits, known graphite deposits in region
- Encouraging signs of future positive exploration results at both projects
- Predicted strong future global demand for flake graphite
- Solid market interest and great shareholder support in Triton
- Ideal opportunity and time to invest in Triton



## **Brad Boyle**

Managing Director

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#### **Competent Persons Statement**

The information in this report that relates to Exploration Results for Graphite based on information compiled by Mr Carl Young, who is a Member of the Australian Institute of Geoscientists and a registered Competent Person (geology). Mr Young is a consultant for the company, and has sufficient experience which is relevant to the style of mineralisation under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2004 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Young consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.