



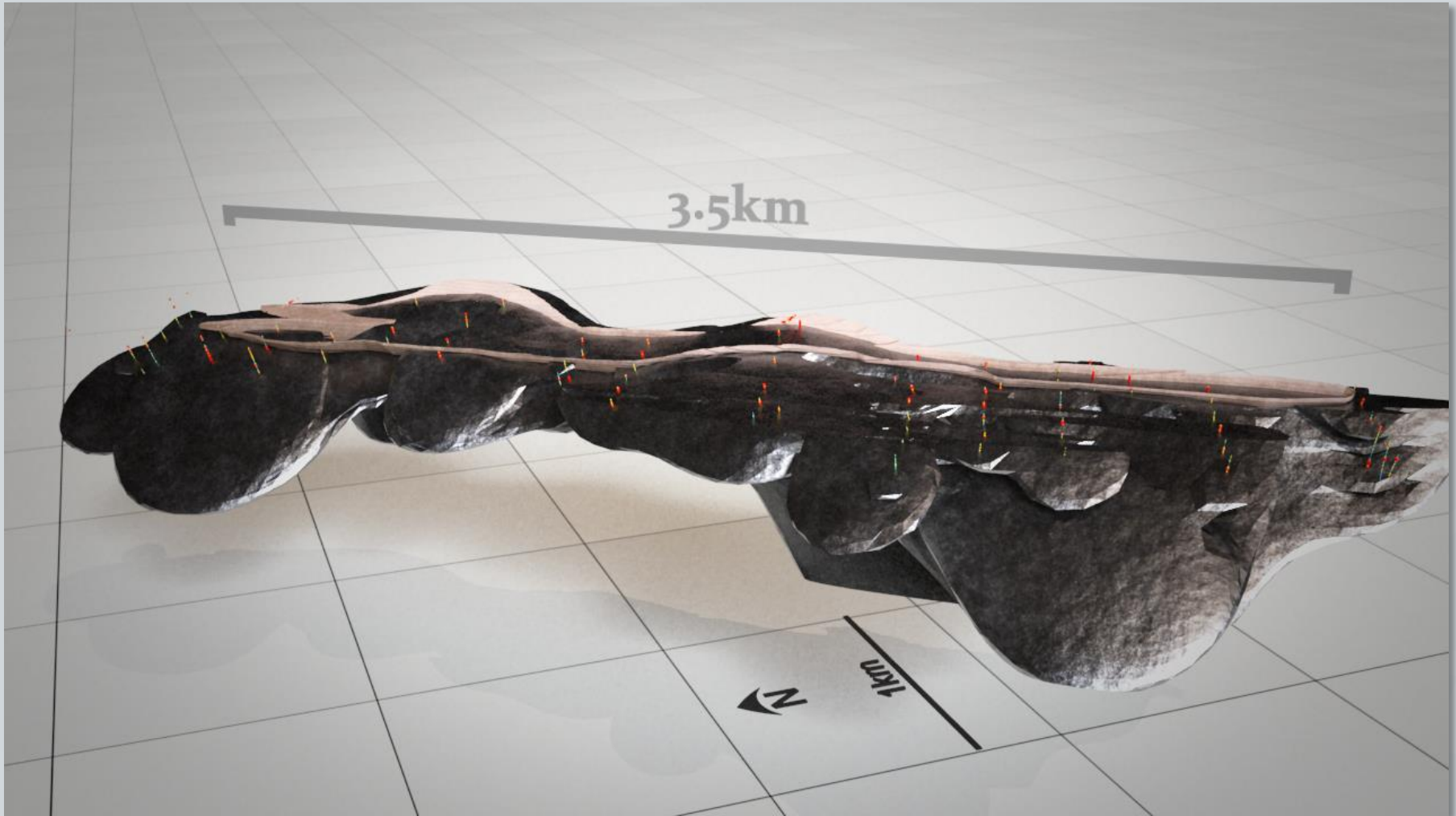
“TMG – The Way Forward”

29 OCTOBER 2015



Triton Mozambique Graphite

Nicanda Hill – world's largest high grade flake graphite deposit



Corporate Snapshot

Capital Structure

Share Price [28 October 2015]	A\$ cents	20.0
Shares outstanding	m	376.5
Options and performance rights	m	38.2
Market capitalisation (undiluted)	A\$m	75
Cash & Funding Facility	A\$m	~23
Debt	A\$m	0

Directors & Major Shareholders

Directors:

Chris Catlow	Non Executive Chairman
Brad Boyle	CEO & Managing Director
Alf Gillman	Executive Technical Director
Alan Jenks	Non Executive Director
Paula Ferreira	Non Executive Director

Major Shareholders:

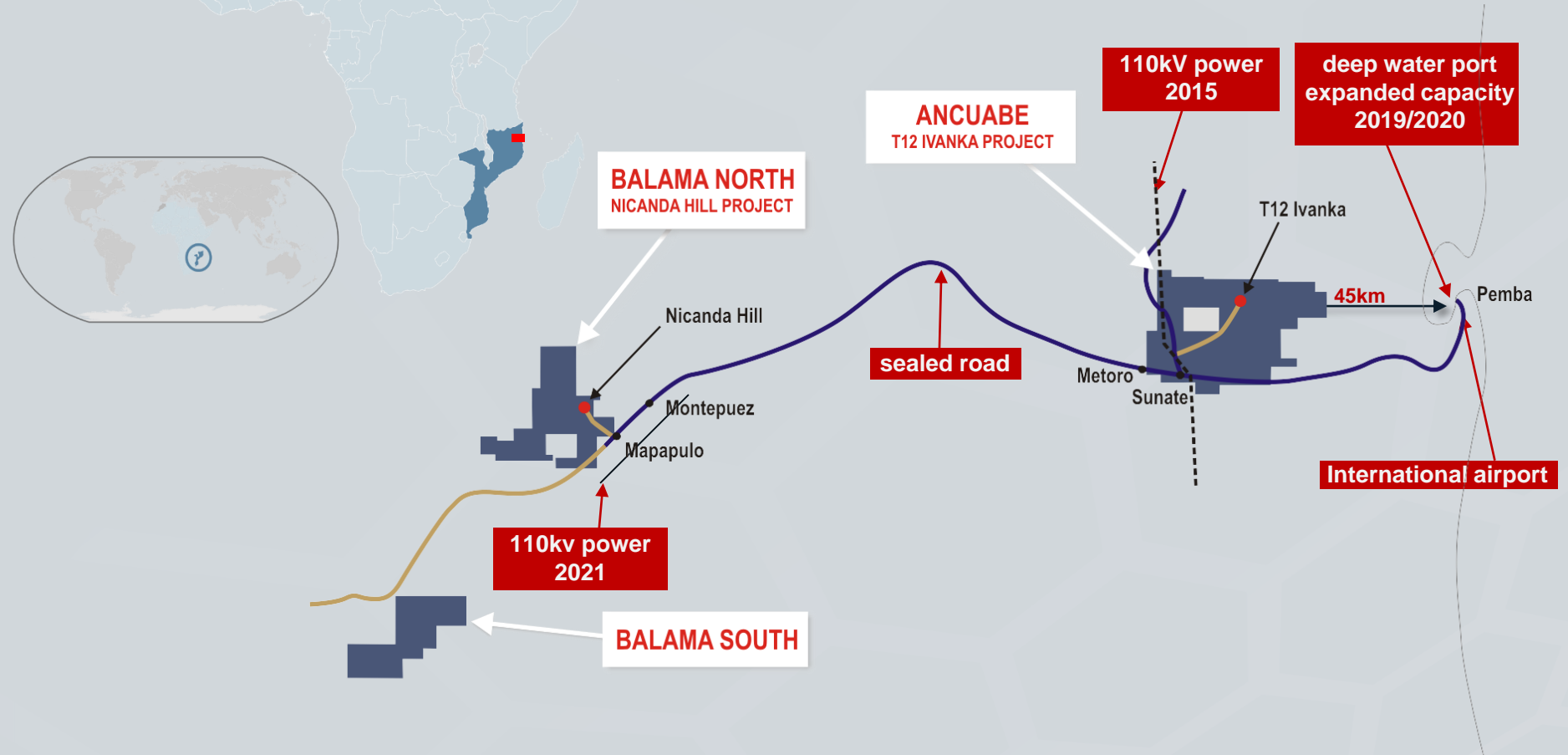
Directors	~11%
Top 20 shareholders	~42%

Share Price Graph (ASX:TON)



Jumbo graphite flakes obtained from Ancuabe rock chip samples

Location and Infrastructure Capo Delgado Province, Mozambique



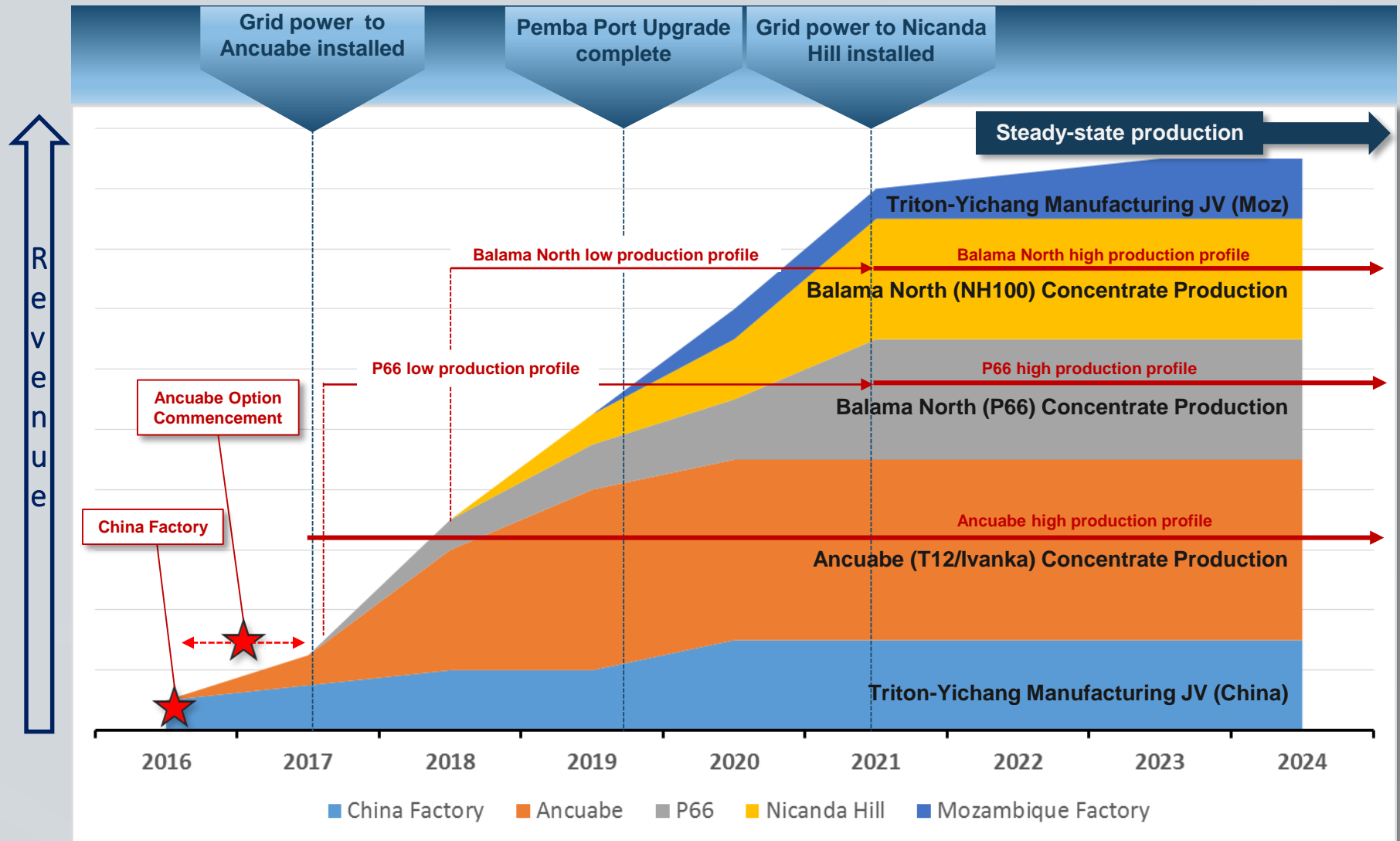
MULTI-FACETED STAGED DEVELOPMENT STRATEGY

OBJECTIVES:

- Secure near term revenue streams JV and alliances (China & Mozambique)
- Long term binding offtake
- Market leading Strategic Partners
- Secured access to patented technology, infrastructure and expertise in graphite mining
- Secured access to established global network of diverse off-take customers and clients
- Access into building, energy, automotive & technology growth sectors
- Minimise capex requirements and access development and tax incentives
- Scalable and staged production in Mozambique and China

Establish TMG “graphite capital” of the world – stable large-scale supply of graphite concentrate and graphite products

Targeted Relative Growth Profile



Key Points

Nicanda Hill Project	World's largest flake graphite deposit 1.47Bt at 10.7%TGC
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Ancuabe Project	World's best flake graphite flotation characteristics
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Reliable long-term (generational) supply of premium quality flake graphite

Ability to supply the best variety of graphite concentrates from two unique sources

Commencement of enhanced graphite production in China: targeted for mid-2016

Potential Mozambique graphite concentrate production targeted for mid-2016

Key Objective

to secure large concentrate off-take clients with a long-term (generational) vision of diverse graphite uses including energy storage and EV technologies

Targeted Operational Objectives

1 Low CAPEX

China JV Factory US\$5M (Building/Environmental Approval Obtained)

Ancuabe US\$10M (Subject to GK strategic alliance. GK have Mining License)

Nicanda Hill Phase 1 US\$80M (Regulatory approvals well advanced)

2 Low OPEX

US\$350/t FOB to Pemba

3 Focus on early cash-flow generation

Initial focus on high-value Ancuabe and P66 concentrate

Boosted by China factory-generated revenue

Existing long-term binding offtake contract

4 Development profile in-sync with regional infrastructure upgrades and aligned with Government value-chain aspirations

Ancuabe

Suitable Hydro-electric grid
power available immediately



Full-scale production from start-up

Balama North

Suitable Hydro-electric grid
power available end-2021 at
earliest

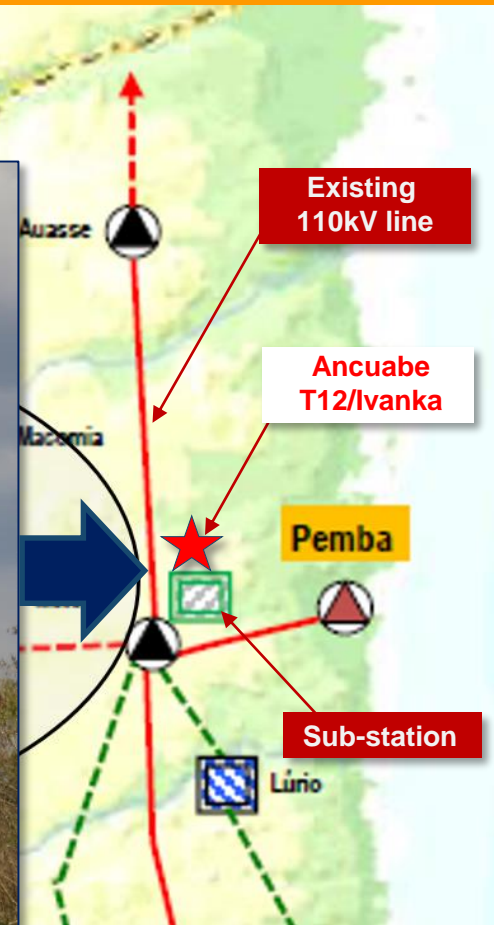


Phase 1 P66/100 low production profile 50,000-80,000t/a
(generator power)



Phase 2 Nicanda Hill ramp up to high production profile
100,000t/a when grid power available

Mapa da Rede de Transporte da EDM

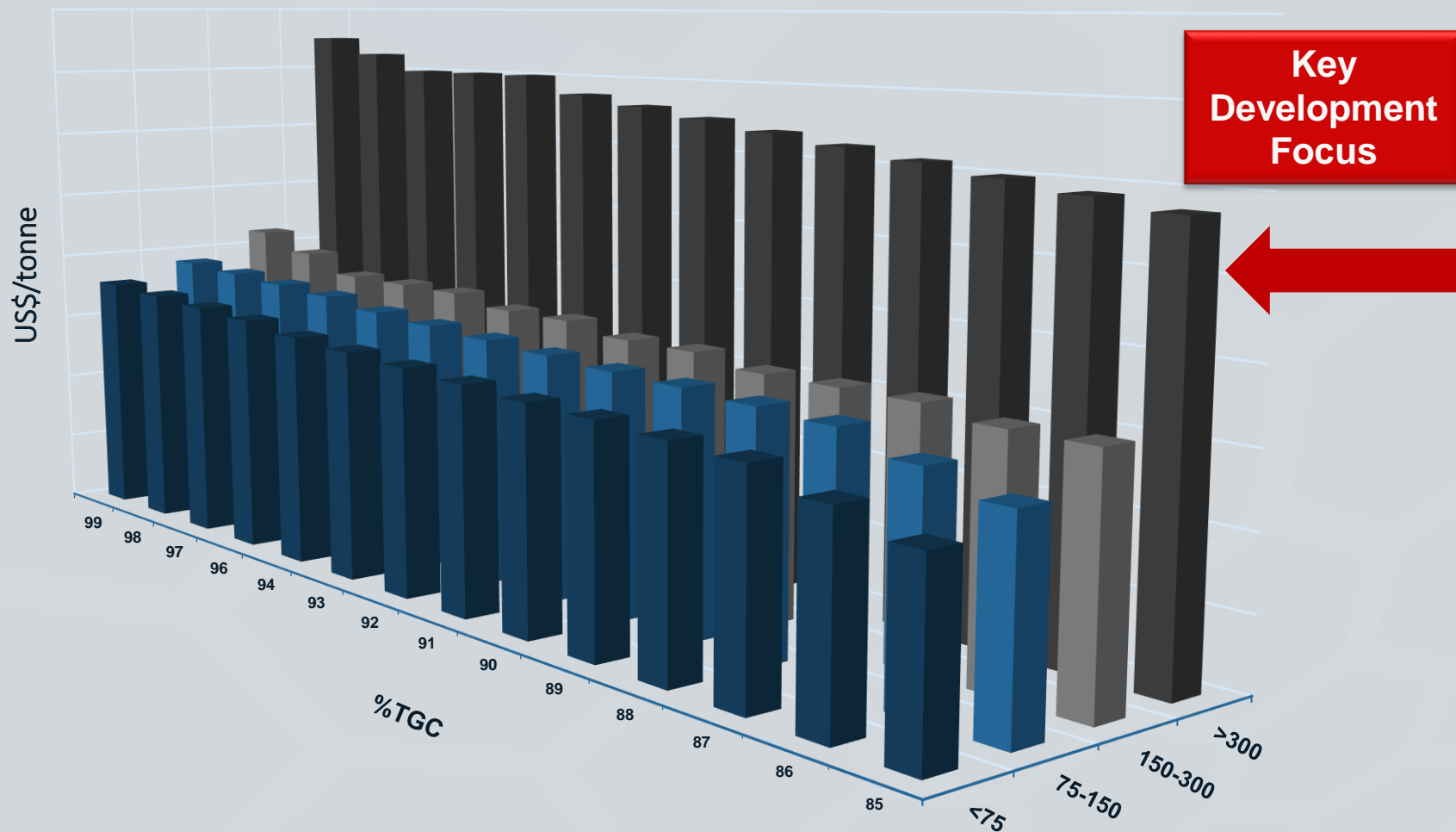


Ancuabe
Grid power available



Triton Mozambique Graphite

Triton TMG Concentrate Value Matrix





Triton Mozambique Graphite

Ancuabe hexagonal graphite crystal



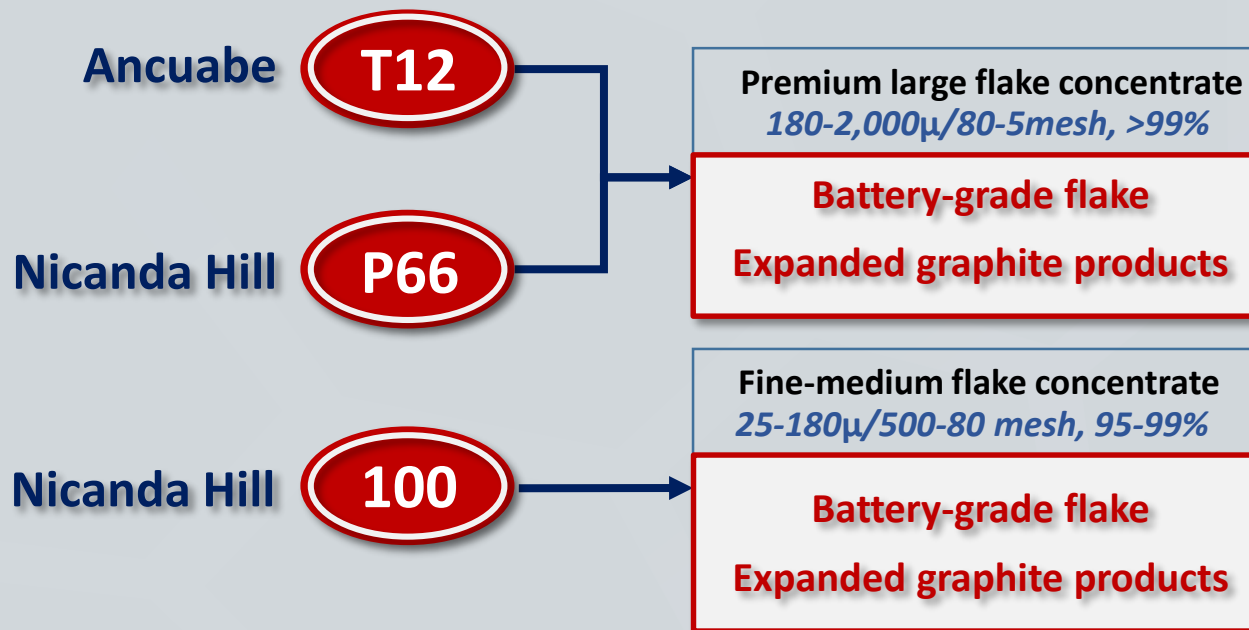
The purest form of graphite



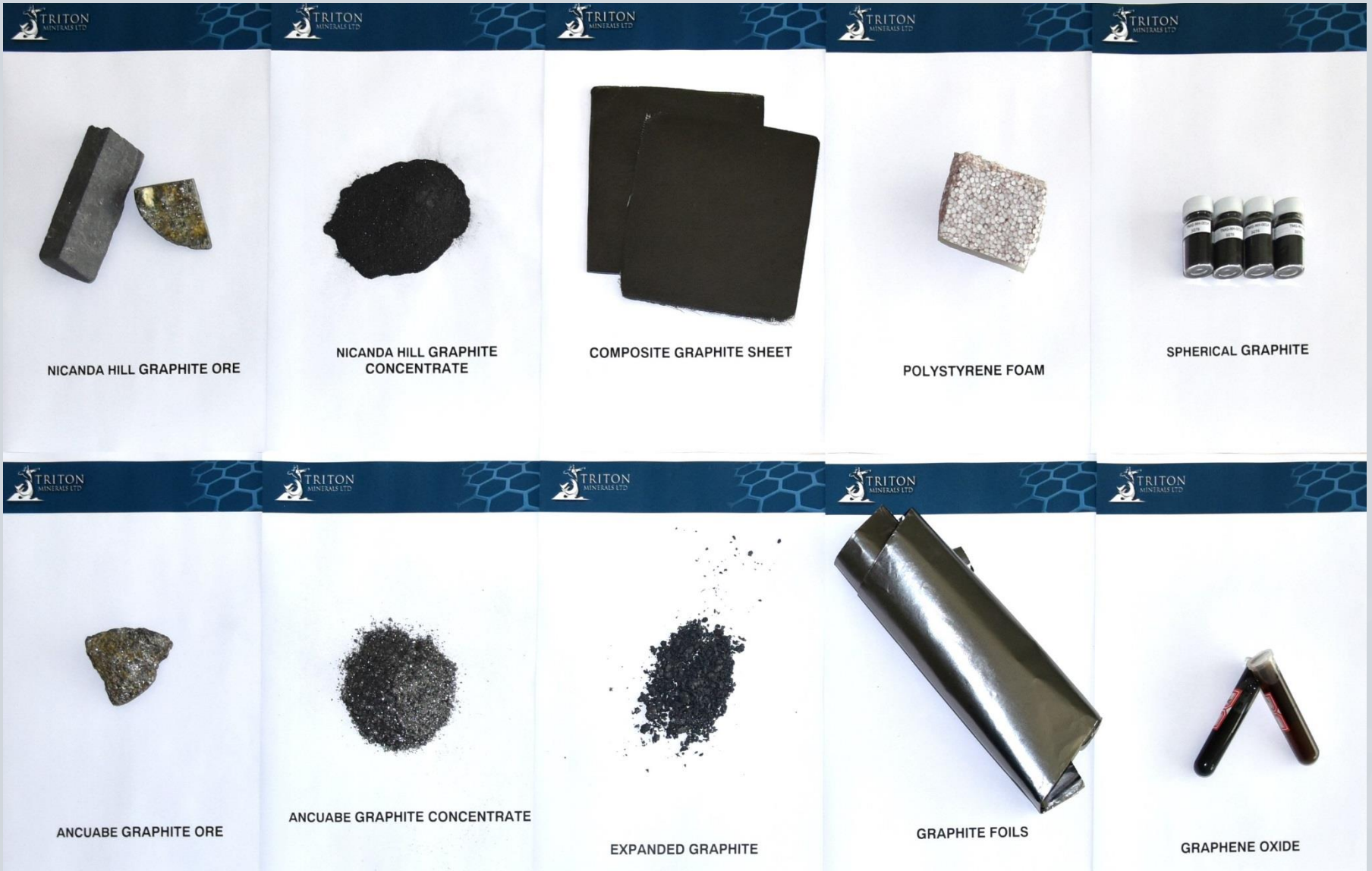
Triton Mozambique Graphite

Successful Application Testing Milestones

Key Value Drivers



TMG PRODUCTS



TMG Strengths

Largest volume of highest quality material available in the world

Best infrastructure in Mozambique/East Africa:

bitumen road to Nicanda Hill mine gate

Ancuabe project located only 60km from port

Diversified operations – stability of production/supply

Vertically integrated business model: **fast track to MULTIPLE REVENUE STREAMS**

Strategic partnerships provide direct access to global markets, clients and expertise in graphite mining and products and long term binding off take.

In-country value-add strategy is strongly supported by Federal and Provincial Government:

Far reaching generational positive social and economic benefits to local communities

Establishing world class environmental and social responsibility programs to underpin a long term secure operational tenure



Future Milestones

YXGC JV (China)

- *Commence construction enhanced graphite factory - Q4 2015*
- *Commission factory - Q2 2016*
- *Full production 10,000tpa - Q3 2016*

Ancuabe



- *Drilling activities update – Q4 2015*
- *Mineral Resource - Q4 2015*
- *EIA & DUAT update – Q1 2016*
- *Advancement of strategic alliance with GK – Q1 2016*
- *Mineral Reserves - Q2 2016*

Nicanda Hill



- *Drilling activities update – Q4 2015*
- *Mineral Resource - Q4 2015*
- *Mineral Reserves- Q2 2016*

Nicanda Hill



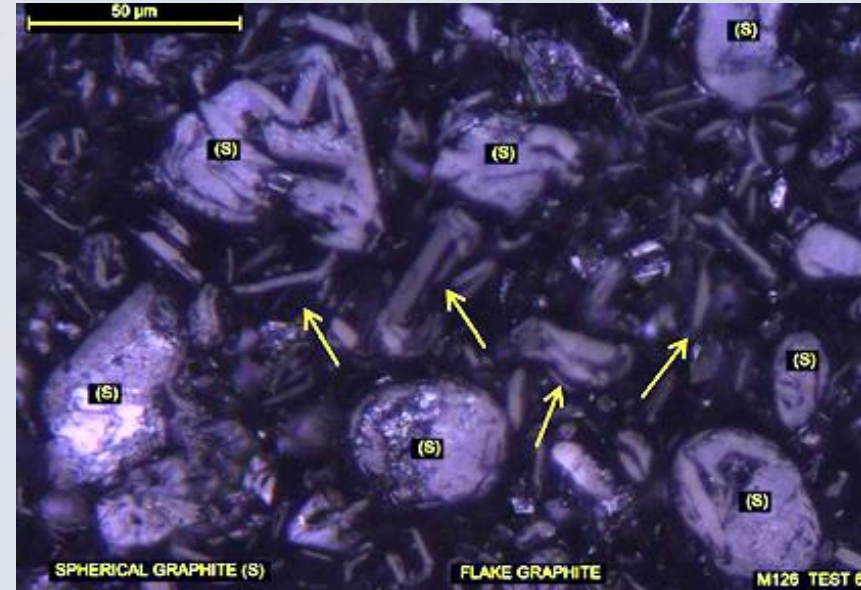
- *Resource re-classification - Q4 2015*
- *Reserves targeted for - Q4 2015*
- *Early works and access update – Q1 2016*
- *EIA, DUAT, Mining License update – Q2 2016*
- *Expanded DFS due for completion by - Q2 2016*

Contact Details

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Spherical Graphite generated from TMG

To receive company updates please join our mailing list at: www.tritonmineralsltd.com.au

ASX code: **TON**

Holder of the world's largest known combined graphite-vanadium resource

Triton aims to establish Triton Mozambique graphite, produced from its Mozambique graphite projects (TMG) as the global graphite-industry benchmark by aiming to offer the world's lowest cost and most diversified graphite product range, together with the longevity of a reliable supply of high quality flake graphite.

Triton hopes to establish Triton Mozambique graphite, produced from its Mozambique graphite projects (TMG) as the global graphite-industry benchmark.

Triton is also actively pursuing vertical integration opportunities to be involved in all aspects of the graphite supply chain, which Triton believes will add significant value to the Company and its shareholders in the long term.

DISCLAIMER

Competent Person's Statement

The information in this presentation that relates to Mineral Resource estimate at the Nicanda Hill deposit on Balama North project is based on, and fairly represents, information and supporting documentation prepared by Mr Mark Drabble, who is a Member of the Australasian Institute of Mining & Metallurgy. Mr Drabble is not a full-time employee of the Company. Mr Drabble is employed as a Consultant from Optiro Pty. Ltd. Mr Drabble has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the 'Australasian Code for Reporting of Mineral Resources and Ore Reserves (the JORC Code)'. Mr Drabble consents to the inclusion in this report the exploration results and the supporting information in the form and context as it appears.

The information in this presentation that relates to Exploration Results on Balama North project is extracted from the reports entitled ASX Release "Balama North Project Update" created 5 March 2014, ASX Release "Positive Metallurgical Results For Nicanda Hill" created 16 September 2014, ASX Release "Further Positive Drilling Results From Nicanda Hill" created 9 October 2014, ASX Release "Nicanda Hill Maiden Jorc Resource – 1.457 Billion Tonnes At 10.7%TGC And 0.27% V₂O₅", created 21 October 2014, ASX Release "Solid Drilling Results Continue At Nicanda Hill" dated 30 October 2014, ASX Release "Nicanda Hill Scoping Study", dated 26 November 2014, ASX Release "Nicanda Hill Update", dated 28 November 2014, ASX Release "Triton Secures Two Billion Dollar (USD) 20 Year Binding Off-Take Contract", dated 1 April 2015, ASX Release "Mozambique Projects Update", dated 13 July 2015, ASX Release "Mozambique and Chinese Projects Update", dated 14 August 2015, ASX Release "Battery Grade Spherical Graphite Produced", dated 20 August 2015, ASX Release "TMG Produces Graphene", dated 11 September 2015, ASX Release "Triton Mozambique Development Strategy" dated 14 September 2015, ASX Release "Successful Commercial Manufacture of Enhanced Graphite Products using TMG Concentrate", dated 7 October 2015, ASX Release "Positive Metallurgical Results For P66 (Nicanda Hill) and Ancuabe", dated 14 October 2015 and is available to view on www.tritonmineralsltd.com.au. The reports were issued in accordance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

The information in this presentation that relates to Exploration Results on Ancuabe project is extracted from the reports entitled ASX Release "High Grade Large Flake Graphite Identified at Ancuabe Project" dated 31 October 2013, ASX Release "Mozambique Projects Update", dated 4 February 2015 and 26 February 2015, ASX Release "Mozambique Projects Update", dated 2 April 2015, ASX Release "Extraordinary Metallurgical Results - Ancuabe Project", dated 29 April 2015, ASX Release "Substantial Graphitic Mineralisation confirmed at Ancuabe", dated 18 September 2015 and is available to view on www.tritonmineralsltd.com.au. The reports were issued in accordance with the 2012 Edition of the JORC Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves. The Company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The Company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.

Forward-Looking Statements

This document may include forward-looking statements. Forward-looking statements include, but are not necessarily limited to, statements concerning Triton Minerals Limited's planned exploration program and other statements that are not historic facts. When used in this document, the words such as "could", "plan", "estimate", "expect", "intend", "may", "potential", "should" and similar expressions are forward-looking statements. Although Triton Minerals Limited believes that its expectations reflected in these are reasonable, such statements involve risks and uncertainties, and no assurance can be given that actual results will be consistent with these forward-looking statements.

APPENDICES

Nicanda Hill Resource

Nicanda Hill October 2014 Mineral Resource Estimate Table completed in accordance with the JORC Code (2012)

Classification	Tonnes (Mt)	Grade (TGC%)	Contained Graphite (Mt)	Grade (V ₂ O ₅ %)	Contained V ₂ O ₅ (Mt)
Indicated	328	11.0	36.1	0.26	0.85
Inferred	1,129	10.6	119.7	0.27	3.05
Total	1,457	10.7	155.9	0.27	3.93

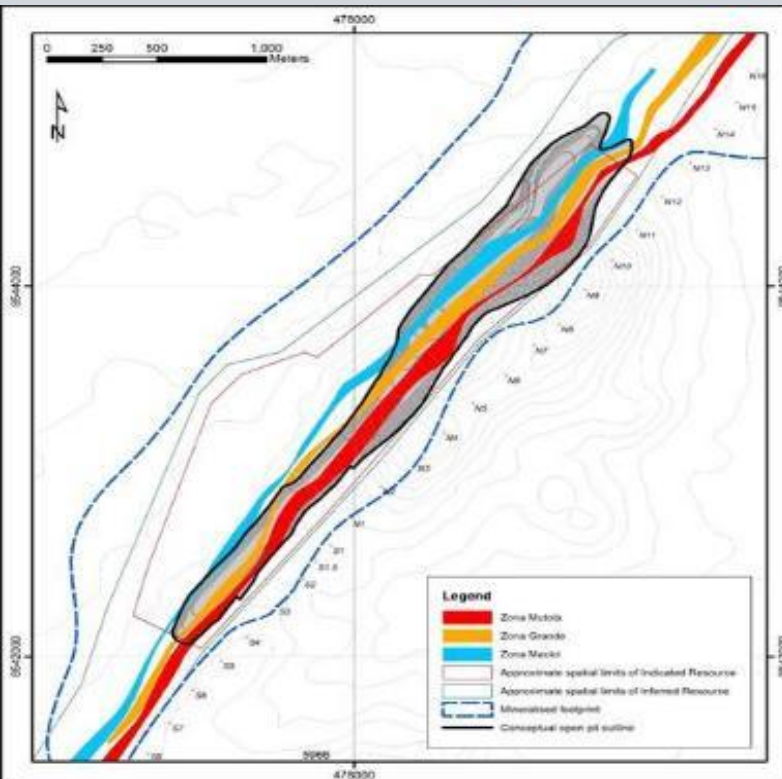
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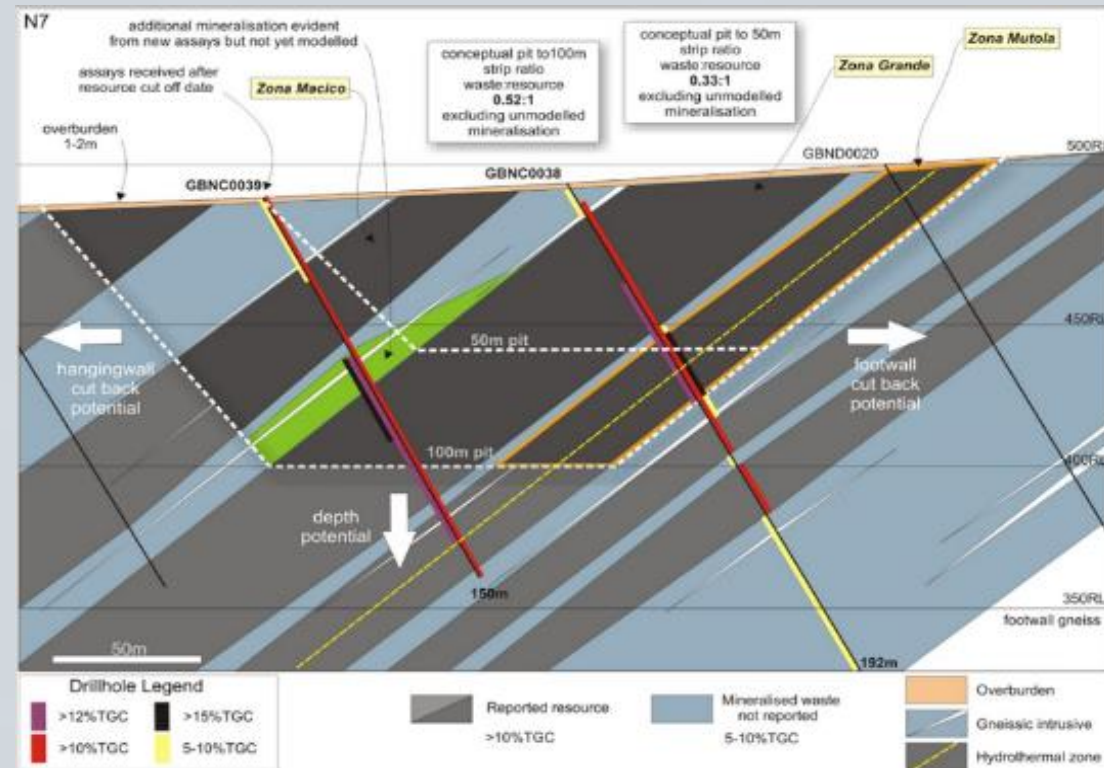
Nicanda Hill Resource

- Nicanda Hill deposit was defined within 6 months from the commencement of drilling along a foot print that is 6.2km long (5.2km²) and still open in all directions
- Outcropping hydrothermal (Mutola) zone averages nearly 12% TGC and Macico and Grande graphite zones average 11% TGC, with higher grade zones within the MGM zone averaging 15.8%TGC (15%TGC cut-off)
- Diamond drilling confirms mineralisation from surface to over **400** vertical meters, **open at depth**

Plan showing conceptual pit outline associated with the high grade Mutola, Grande and Macico graphite zones



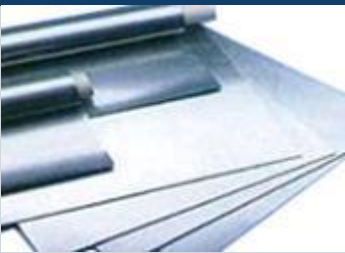
Nicanda Hill Cross section N7 showing arrangement and geometry of resource model with conceptual open pit overlays





NICANDA HILL GRAPHITE PROJECT

Expanded Graphite Products



Flexible Graphite Sheet and Roll



Expanded Graphite Cloth



Flexible Graphite Ribbon Tape



Flexible Graphite Yarn



PHASE 1: YXGC GRAPHITE PRODUCTS JOINT VENTURE (CHINA) - 2016

- **Project Name:** Expanded and Fine flake graphite composite sealing material
- **Project Investment:** Total investment US\$10M (49% contribution by Triton)
- **Project Construction Duration:** 9 months
- **Project Location:** Hubei province, Yichang City Xinshang industry zone
- **Production Rate:** Initial development of 10,000 ton production
- **Annual Revenue:** Initially estimated **US\$25M**
- **Graphite:** Sourced locally for 2/3 years, long term supply requires TMG

Benefits for Triton

- **Fast Track to Revenue: Revenue Q3, 2016**
- Vertically integrated business model, creating internal graphite supply demand
- Staged production growth (up to **100,000tpa** estimated cash flow **US\$250M** per annum)
- Access to patented technology for expanded and composite graphite products
- Access to established Chinese and global clients
- Established access to growth sectors in building, energy, automotive & technology
- Working with market leading expertise in graphite mining and processing
- Minimal capex requirements (US\$5M) and access to development and tax incentives

Benefits for YXGC

- Premium quality flake graphite (T12, P66, 100)
- Full range of graphite flake sizes for broader product range
- Guaranteed reliable long-term (generational) supply
- Ability to grow production from four (4) factories to meet current and future demand (currently 1 year wait)
- TMG versatility allows for new products to replace established market (Asbestos)

PHASE 2: PRODUCTION ANCUABE GRAPHITE PROJECT - 2016

- **Strategic Alliance:** Triton and AMG Mining (GK) *(subject to advancing current exploration alliance)*
- **Project:** Graphite Mine (owned/operated by GK-granted ML) and Triton surrounding area
- **Potential Project Investment:** Total investment US\$10M *(subject to further agreements)*
- **Production Rate:** Initial 10,000 – 20,000 tonnes (ability to scale up on demand)
- **Established Infrastructure:** Graphite concentrate plant, sealed roads, grid power, direct access to Port of Pemba, logistics, global client base, extraction expertise
- **Annual Revenue:** Initially estimated **US\$20M - \$40M**
- **Quality:** World's best flake graphite flotation characteristics

Benefits for Triton

- **Fast Track to Revenue: Revenue Q2, 2016**
- 20 year binding graphite off-take for 100,000tpa with YXGC established (more being sought)
- Staged production growth (up to **100,000tpa** estimated cash flow **US\$200M** per annum)
- Access to established global clients
- Established access to growth sectors in building, energy, automotive & technology
- Working with market leading expertise in graphite mining and processing
- Shared capex requirements

Benefits for AMG Mining (GK)

- Access premium quality, high grade flake graphite (T12), to supplement current reserves
- Exploration upside on further graphite targets in Triton licenses
- Guaranteed reliable supply
- Access to 20 year binding graphite off-take for 100,000tpa with YXGC
- Ability to grow production to meet current and future demand
- Access to capital to expand production capacity at graphite concentration plant

PHASE 3: PRODUCTION NICANDA HILL GRAPHITE PROJECT - 2017

- **Project:** Nicanda Hill Graphite Mine (P66) & (100)
- **Project Investment:** Total investment US\$80M
- **Project Construction Duration:** 16 months
- **Production Rate:** Initial 50,000 to 80,000 tonnes (ability to scale up on demand)
- **Established Infrastructure:** sealed roads, water, grid power, direct access to Port of Pemba
- **Annual Sales:** Initially estimated **US\$120M**
- **Mine Life:** Initially 30 years (potentially up to 200 years)

Benefits for Triton

- **Mid Term Revenue Stream: Revenue Q4, 2017**
- 20 year binding graphite off-take for 100,000tpa with YXGC established (more being sought)
- Staged production growth (up to **200,000tpa** estimated cash flow **US\$400M** per annum)
- Access to established global clients (YXGC & GK)
- Ability to produce full range of flake sizes with P66 and 100
- TMG products range includes: high grade Graphite Concentrate, Graphene, Spherical, Expanded Graphite Sheets and Foils. Composite Graphite materials
- Guaranteed reliable long-term (generational) supply
- Established access to growth sectors in building, energy, automotive & technology
- Working with market leading expertise in graphite mining and processing (YXGC & GK)
- Establish Triton market leading graphite supplier

PHASE 4: YXGC GRAPHITE PRODUCTS JOINT VENTURE (MOZAMBIQUE) - 2018

- **Project Name:** Expanded and Fine flake graphite composite sealing material
- **Project Investment:** Total investment estimated US\$15M (70% contribution by Triton)
- **Project Construction Duration:** 12 months
- **Project Location:** Nicanda Hill project
- **Production Rate:** Initial development of 10,000 ton production
- **Annual Revenue:** Initially estimated **US\$25M**
- **Graphite:** TMG course and fine flake material

Benefits for Triton

- **Longer Term Revenue Stream: Revenue Q4, 2018**
- Guaranteed reliable long-term (generational) supply
- Vertically integrated business model, creating internal graphite supply demand
- Staged production growth (up to **50,000tpa** estimated cash flow **US\$125M** per annum)
- Access to patented technology for expanded and composite graphite products
- Access to established Chinese and global clients
- Established access to growth sectors in building, energy, automotive & technology
- Working with market leading expertise in graphite mining and processing
- Access to development and tax incentives
- Aligns with Mozambique Fiscal and Mining Regimes