

A Tanzanian Graphite Explorer



BLACK ROCK
MINING LIMITED

INVESTOR PRESENTATION

March 2015

Diamond drilling at Epanko North

www.blackrockmining.com.au

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COMPETENT PERSON

The information in this report that relates to Exploration Results is based on information compiled by Steven Tambanis, who is a member of the AusIMM. He is a full time employee of Black Rock Mining Limited. Steven Tambanis 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 2004 and 2012 Edition of the ‘Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves’. Steven Tambanis consents to the inclusion in the report of the matters based on their information in the form and context in which it appears, including the exploration target assessment.



Trenching at Epanko North



Epanko School



Trench mapping

- Re-compliance with Chapters 1 & 2 completed together with acquisition of Tanzanian Graphite projects. Prospectus closed 25% oversubscribed
- Raising completed at \$3.5m
- BKT to receive 40m ENB shares, currently worth \$1.6m

Indicative Capital Structure*

Share Price	\$0.05
Shares on Issue	196,945,612
Options on Issue	38,870,003
Market Capitalisation	\$9.8m
Cash in Bank	\$3.5m
Shares and receivables	\$1.9m

* Post consolidation and after completion of \$3.5m Prospectus Offer and issue of Vendor Shares

Indicative Re-compliance Timeline

Lodgement of Prospectus	19-Feb-15
Shareholders Meeting	4-March-15
Close Prospectus Offer	16-March-15
Settlement of Prospectus Offer	18-March-15
Proposed Re-compliance Date	24-March-15

Board and Management

Stephen Copulos (Chairman)

- +30 years experience in a variety of businesses across a wide range of industries including mining, manufacturing, property development, fast food and hospitality.
- Chairman of Crusader Resources Limited (CAS.ASX)

Steven Tambanis (Managing Director)

- Exploration geologist with 25 years experience. Extensive commercial and operational background working with ASX resource companies including business development roles at WMC Resources.

Gabriel Chiappini (Director & Company Secretary)

- Chartered Accountant with extensive experience as Director and Company Secretary to ASX listed companies.
- Chairman of Dromana Estate Limited (DMY.ASX)

- Commenced exploration in Tanzania July 2014 following acquisition of the Mahenge North Graphite Project (300km²). Early exploration success led to further acquisitions – Current tenure of 1,539km². Four priority zones identified, each with potential for each to deliver >10M tonnes of graphitic ore
- Mapped, sampled and >2,000m of trenching over graphitic lodes by December 2014. Best trench results include:
 - **74m @ 9.91% TGC including 48m @ 11.18% TGC (TREPW14) Epanko North**
 - **98m @ 7.47% TGC including 60m @ 10.71% TGC (T17) Epanko North**
 - **86m @ 8.34% TGC (TREPC01) Cascade**
- First Drill programme Completed at Epanko Jan/Feb 2015. 1,200m of RC and 747m of diamond core. Two diamond holes drilled at Kituti – 242m. Assay results expected in March/April. 1,114 drill samples submitted to laboratory
- Next planned steps:
 - **Infill drilling at Epanko North in June to delineate a JORC resource.**
 - **More drilling at Kituti. Metallurgical testwork. Plant and infrastructure study**
- Initial Exploration Target is 30-60 million tonnes of ore grading 8-12% TGC*

*The potential quantity and grade is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource

First Drill Programme Completed Feb15 - 2,200m



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- Drilling has confirmed significant graphite mineralisation at Epanko North
- All 16 holes began and ended in graphite mineralisation. Assay results expected March/April
- Follow up infill programme planned for June 2015 to establish a JORC compliant resource



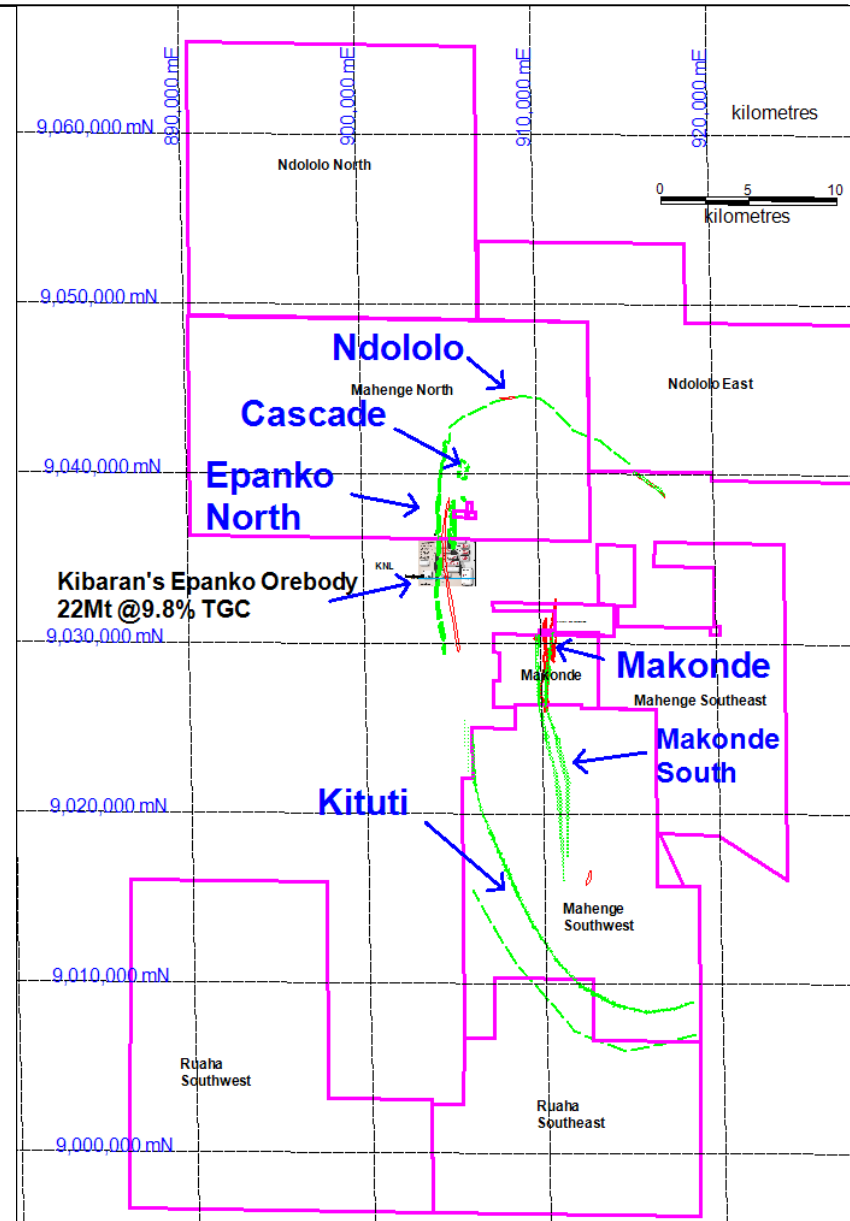
Coarse graphite
flake in diamond core



RC drilling at Epanko North

PROJECT OVERVIEW

- 1,539km² exploration footprint compiled since July 2014
- Priority focus within four initial zones:
 - **Epanko North** (northern extension of KNL's Epanko orebody).
 - **Kituti** (Mahenge Southwest)
 - **Cascade** (Mahenge North)
 - **Ndololo** (Mahenge North)
- Initial Exploration Target ~ 30-60Mt @ 8-12% TGC
- Green zones on the map represent mapped graphite bearing lode structures
- Extensive tenure position surrounding KNL's Epanko graphite orebody (22.8Mt @9.8% TGC)

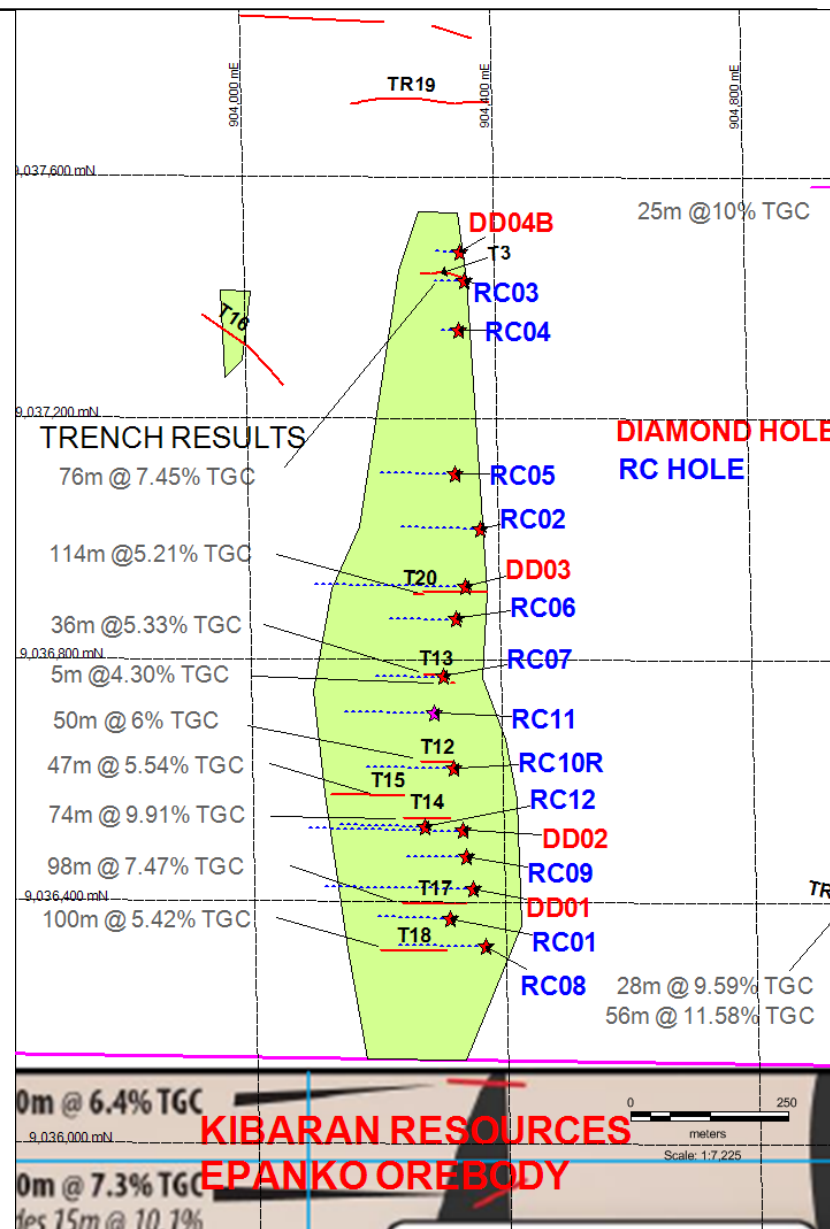


EPANKO NORTH PROSPECT – DRILLED!



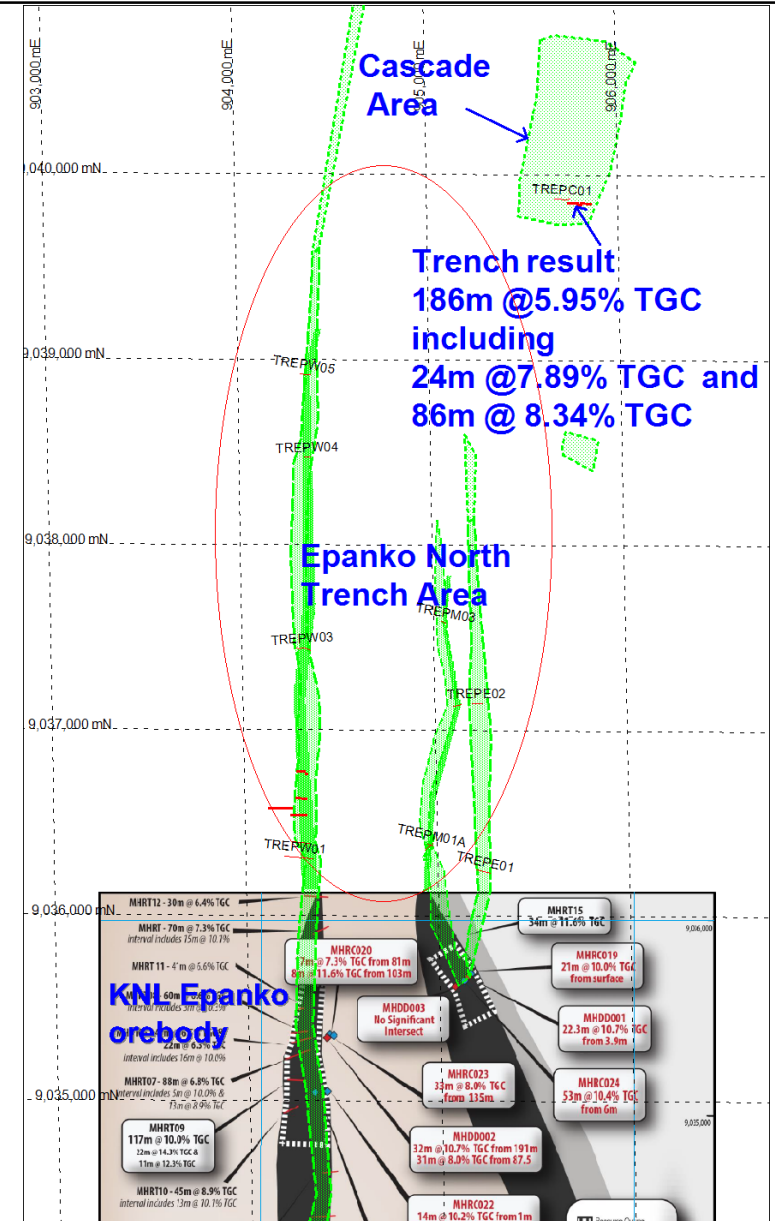
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- >3km of graphite mineralisation identified at Epanko North, along the same north-south trending lode structures of Kibaran's 22.8Mt Epanko orebody
- Mapping, sampling, trenching programme ~1,500m of trenching completed in 2014.
- Best trench results include:
 - 56m @ 11.58% TGC (T1)
 - 74m @ 9.91% TGC inc. 48m @ 11.18% TGC (T14)
 - 76m @ 7.45% TGC (T3)
 - 98m @ 7.47% TGC inc. 60m @ 10.71% TGC (T17)
- First drill programme completed Feb 2015 with four diamond and twelve RC holes.
- All 16 holes began and ended in graphite mineralisation. Assays expected March/April with 1,031 samples submitted to laboratory
- Infill drill programme design underway.



CASCADE PROSPECT

- Cascade is a new discovery with unusually wide zones of graphite mineralisation
- Graphite mineralised envelope is >1km strike x 200m-400m width
- One trench (TC01) excavated to date – **186m @ 5.95% TGC** including two zones of:
 - **24m @ 7.89% TGC** and
 - **86m @ 8.34% TGC**
- Trench ended in mineralisation at both ends – to be extended
- Follow up work underway to map the lode structure in detail to determine surface geometry, strike extent and grade

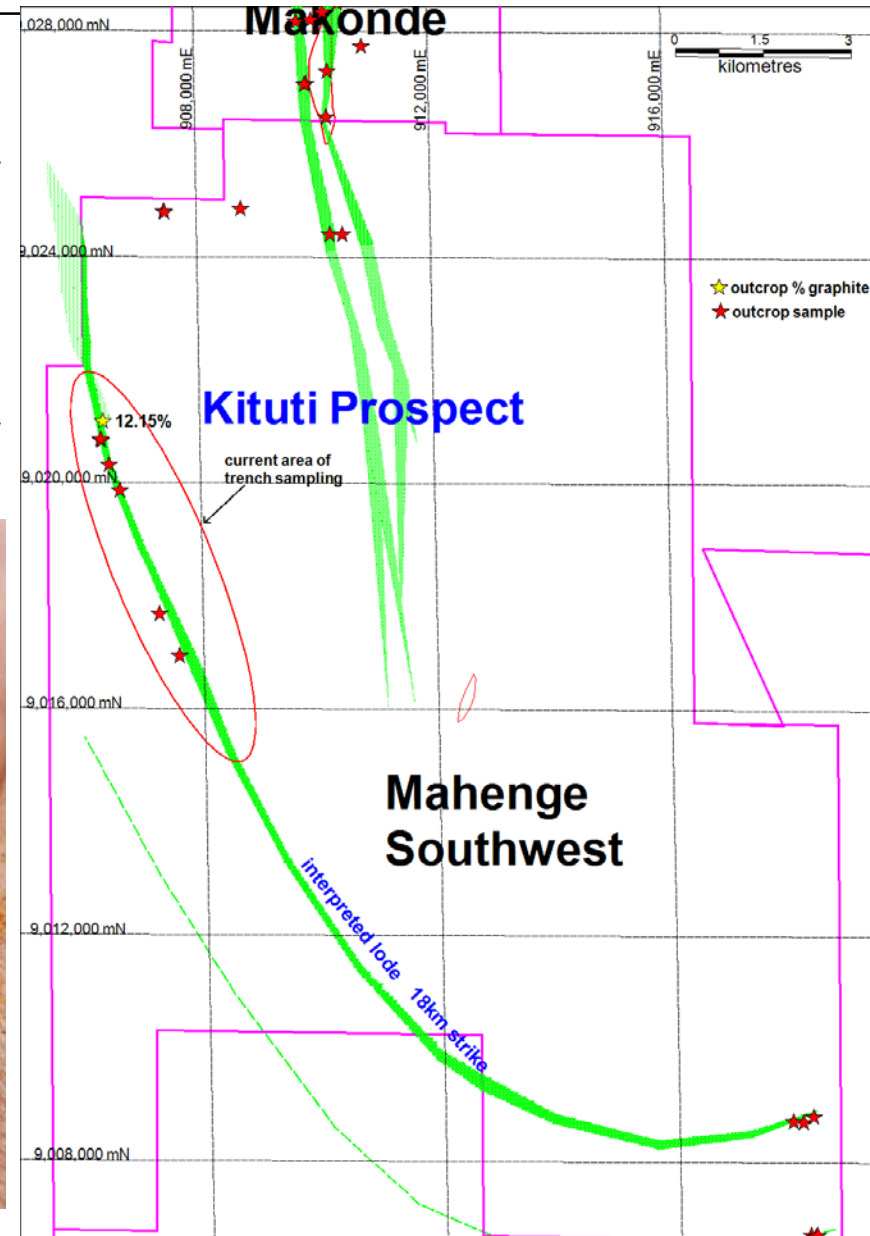


KITUTI PROSPECT



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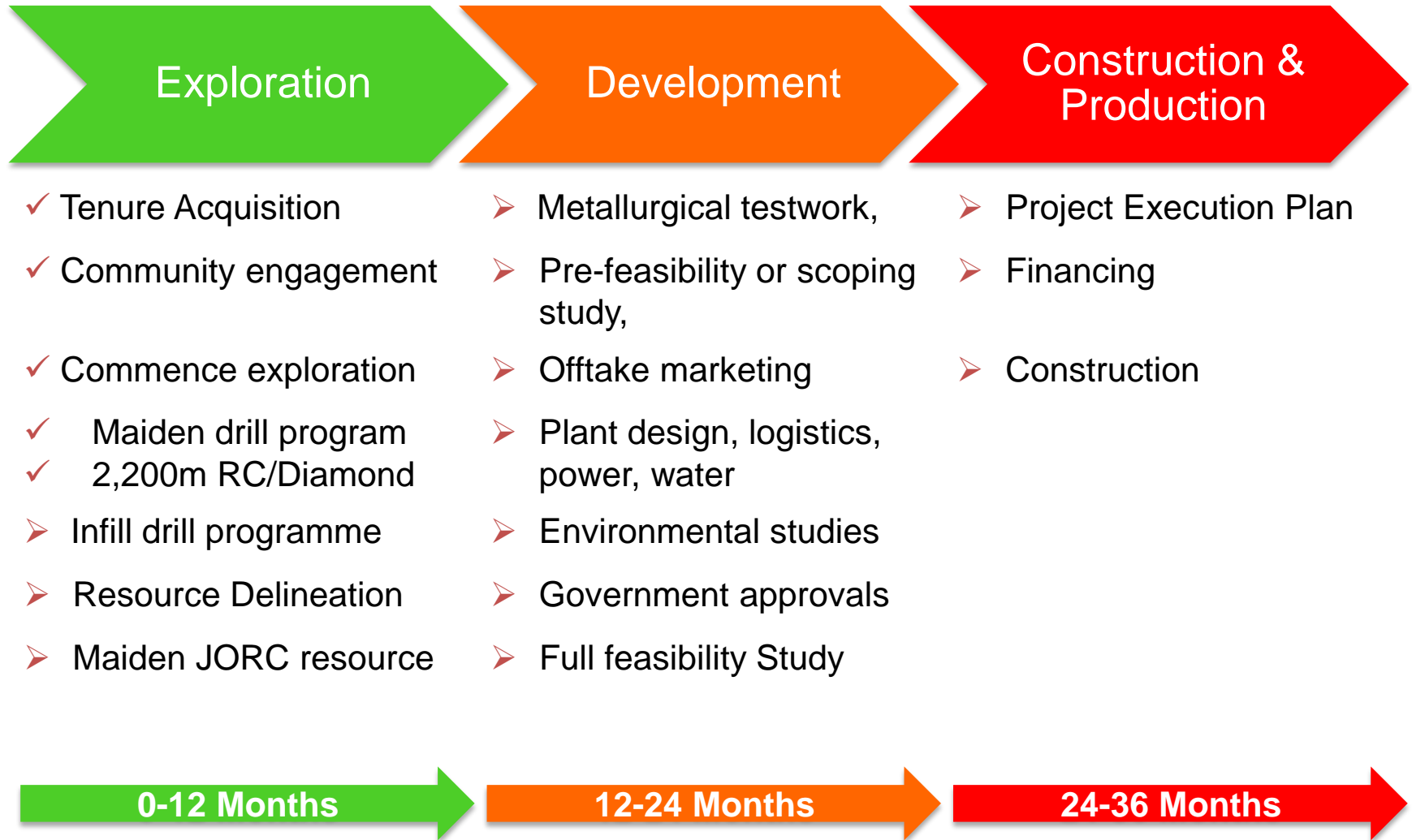
- New discovery identified and mapped in 2014
- Narrower widths than Epanko but visibly coarser flake graphite observed
- Trenched northern portion of structure
- Two diamond drill holes completed in February 2015. Assay results in March/April



Kituti core showing coarse flake graphite



Coarse flake graphite
From Kituti trench



- **To deliver shareholder upside through defining and developing a graphite resource**
- Tenure is demonstrably highly prospective for graphite. Four prospects have delivered excellent early stage results - Epanko North and Kituti drilled
- Highly experienced and competent exploration team on the ground – drilling and delivering results
- Drilling has confirmed exploration upside. Planning for June infill programme has commenced with the objective of defining a JORC resource by year end
- Significant news flow expected from the current exploration programme. First stage drilling programme completed, confirming wider than mapped graphite zones. Assays pending
- Initial Exploration Target 30-60Mt @ 8-12% TGC.





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CONTACT

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Managing Director

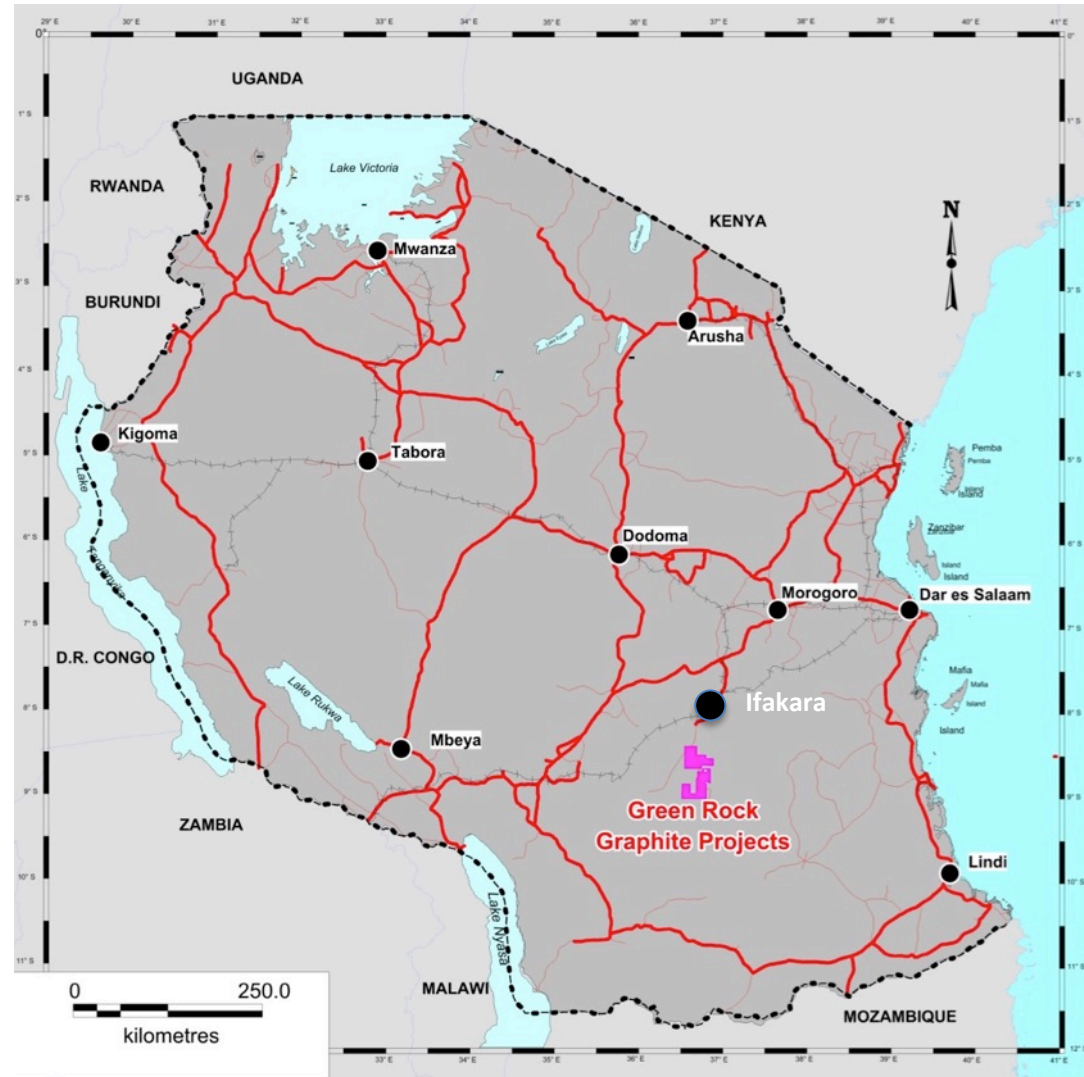
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Appendices

- Close proximity to transport infrastructure ~60km from Ifakara (rail station and regional airport)
- TAZARA rail line runs to Dar Es Salaam's port ~350km
- Access to grid power and water
- Mahenge North Graphite Project is contiguous to 22.8Mt Epanko orebody (Kibaran Resources Limited - KNL)



Mineral-rich landscape supported by stable government

- Major domestic commercial mining activity – 3rd largest gold industry in Africa
- Significant mining support services and extensive infrastructure network
- Government committed to mining sector growth and development
- Skilled and well educated local workforce



New applications to underpin increased demand

- Growing demand from traditional applications – steel, refractory, foundry, batteries and lubricants. Diversification and replacement of falling Chinese supply – 2014 Chinese production >80% of global production
- Rapid growth from new applications – energy storage, nuclear reactors and fuel cells
- Electric vehicles – Tesla (USA) commissioning a \$5bn battery facility – the Gigafactory. This facility is to develop car battery and home storage battery technology. Apple Inc. is developing its own electric car
- Home power storage has potential for huge graphite uptake compared to vehicles. SolarCity Corp (SCTY.US), the largest solar panel developer in the US, intends to have battery storage accompany all of its solar power installations within 5-10 years



ASX PEER COMPARISON



Company	Market Capitalisation (\$m)	Resource Size (Mt)	Grade (TGC%)	Type	Resource Category (JORC)	Project Location
Syrah Resources (SYR)	594	1,150	10.2%	Flake	Measured, Ind, Inf	Mozambique
Triton Minerals (TON)	111	1,457	10.7%	Flake	Indicated, Inferred	Mozambique
Lambo Resources (LMB)	16	7.1	4.7%	Flake	Indicated, Inferred	Australia (WA)
Valence Industries (VXL)	55	3	11.7%	Flake	Indicated, Inferred	Australia (SA)
Magnis Resources (MNS)	72	156	5.2%	Flake	Measured, Ind, Inf	Tanzania
Talga Resources (TLG)	58	7.6	24.4%	Flake	Indicated, Inferred	Sweden
Kibaran Resources (KNL)	26	22.8	9.8%	Flake	Indicated, Inferred	Tanzania
Sovereign Metals (SVM)	8	86	8-10%	Flake	Indicated, Inferred	Malawi
Archer Exploration (AXE)	10	5.27	7.6%	Flake	Measured, Ind, Inf	Australia (SA)
Lincoln Minerals (LML)	14	2.2	15.1%	Flake	Indicated, Inferred	Australia (SA)

Source: Company announcements.
Mkt Capitalisation as at 30 March 15

*Core from DD01 at Epanko North,
showing coarse flake graphite
0.5mm-2mm flakes
Core is 64mm diameter*



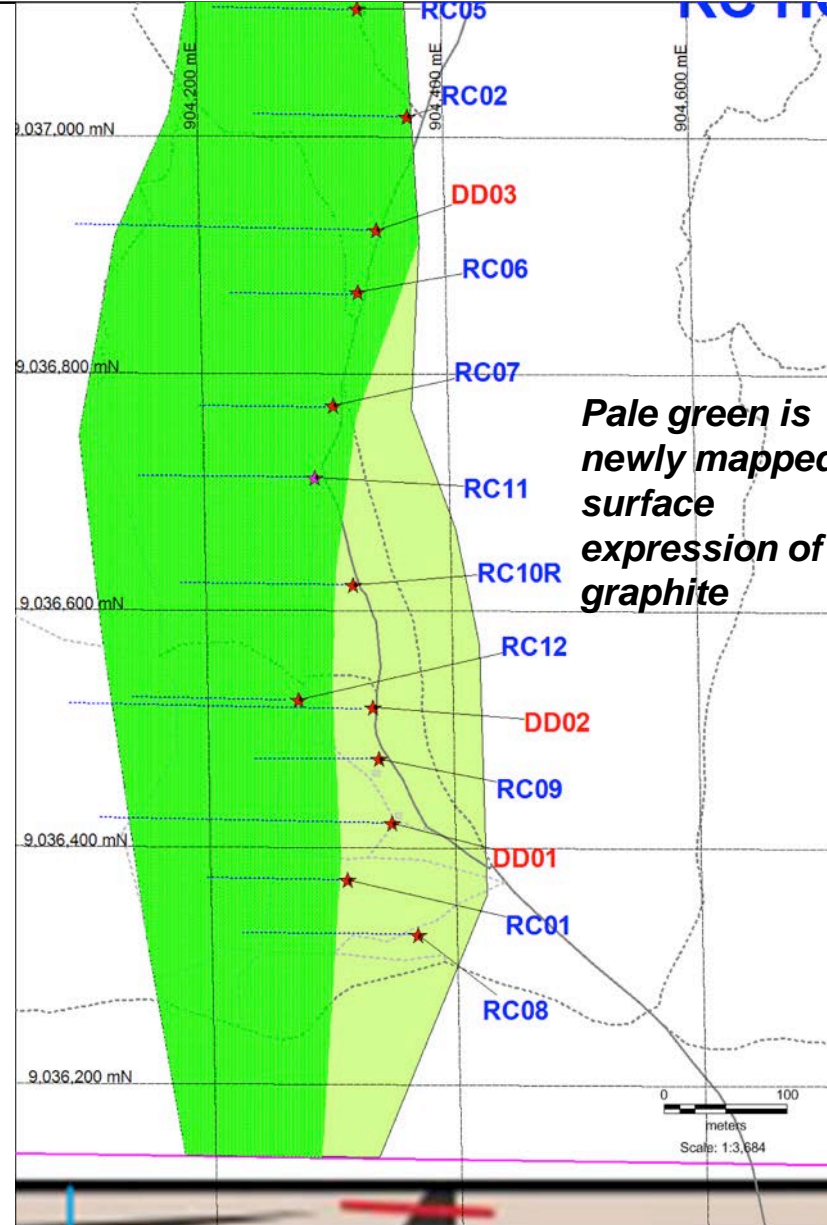
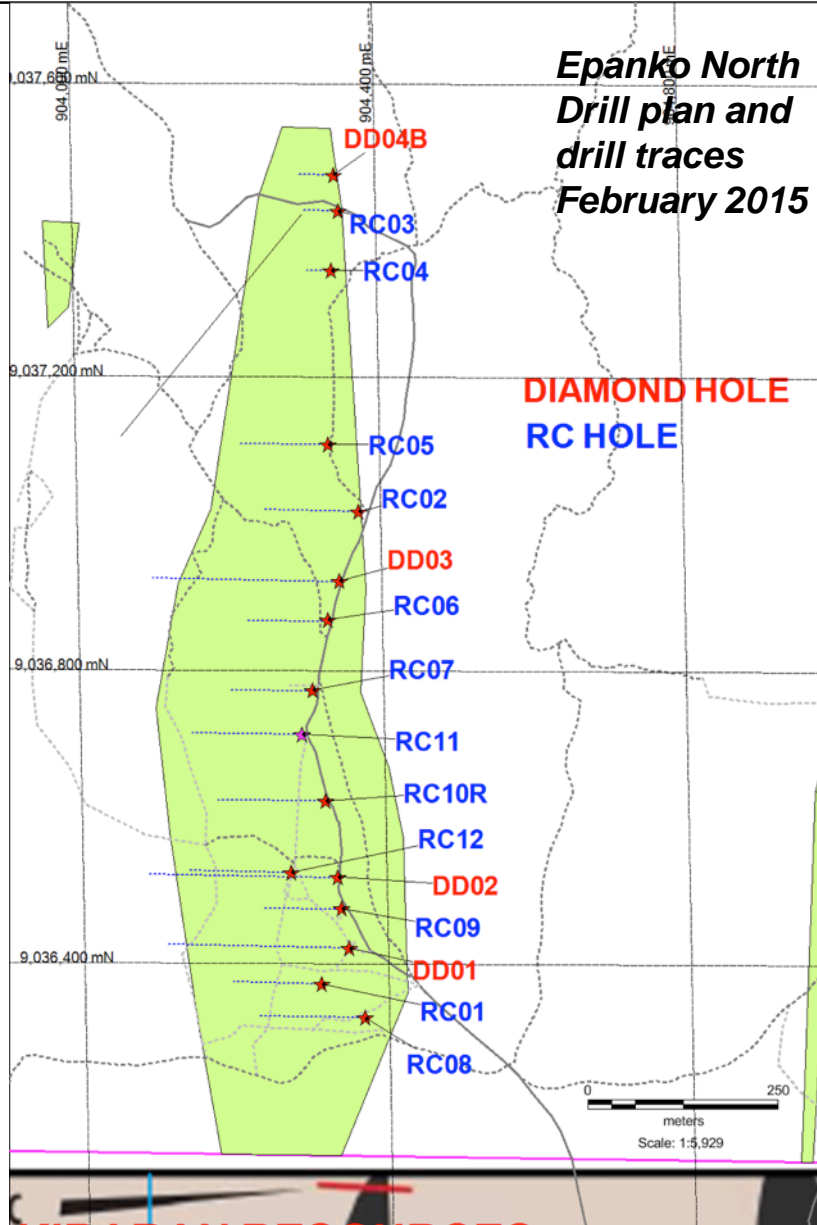
Reverse Circulation Drilling



Epanko Drill Plan



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Exploration target Statement



Criteria	JORC Code explanation	Commentary
Exploration Target	<ul style="list-style-type: none"> <i>In any statement referring to potential quantity and grade of the target, these must both be expressed as ranges and must include:</i> <i>a detailed explanation of the basis for the statement, including specific description of the level of exploration activity already completed, and</i> <i>a clarification statement within the same paragraph as the first reference of the Exploration Target in the Public Report, stating that the potential quantity and grade is conceptual in nature, that there has been insufficient exploration to estimate a Mineral Resource and that it is uncertain if further exploration will result in the estimation of a Mineral Resource.</i> <i>If a Public Report includes an Exploration Target the proposed exploration activities designed to test the validity of the exploration target must be detailed and the timeframe within which those activities are expected to be completed must be specified.</i> 	<p>Exploration target is a combined 30-60 Mt at a grade range of 8-12% TGC for three prospects within GRK's tenure package: Epanko North, Cascade and Kituti zones</p> <p>The exploration target is based upon mapping, chip sampling and trenching of three prospects reviewed by GRK over a five month period. 2,000m of trenches and pit lines were excavated, 600 composite trench samples and 75 rock chip samples were submitted for assay. Drilling of the Epanko North area indicates larger widths than trenching, however drill assay results are awaited.</p> <p>The potential quantity and grade is conceptual in nature, there has been insufficient exploration to estimate a Mineral Resource and it is uncertain if further exploration will result in the estimation of a Mineral Resource.</p> <p>Testing the exploration targets involves detailed mapping, rock chip sampling, trenching to determine widths of mineralized zones and continuity of strike between trenches. After this work has been completed, drilling will provide sufficient information to validate or refute the exploration targets, and if validated, provide a basis towards developing a mineral resource. Following the February 2015 drill programme, an infill drill programme is prosed for June 2015 with the intention of announcing a mineral resource at Epanko North by the end of 2015. Additional drilling is intended for Kituti and Cascade.</p>

Exploration target Statement (Cont'd)



Criteria	JORC Code explanation	Commentary
Exploration Target	<ul style="list-style-type: none"> <li data-bbox="202 235 1004 378">• <i>A Public Report that includes an Exploration Target must be accompanied by a Competent Person statement taking responsibility for the form and context in which the Exploration Target appears.</i> <li data-bbox="202 664 1004 856">• <i>For an Exploration Target based on Exploration Results, a summary of the relevant exploration data available and the nature of the results should also be stated, including a disclosure of the current drill hole or sampling spacing and relevant plans or sections.</i> 	<p data-bbox="1023 235 1912 521">The Exploration target calculations are based on information compiled by Steven Tambanis, who is a member of Australian Institute of Mining and Metallurgy. Steven Tambanis 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 2004 and 2012 Edition of the 'Australasian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Tambanis consents to the inclusion in the report of the matters based on their information in the form and context in which it appears.</p> <p data-bbox="1023 635 1912 728">Epanko North is located 500m along strike and on the same graphitic ore structure as KNL's mineral resource. It has been trenched at 200m spacing along 1,400m strike, and <100m spacing in the central zone</p> <p data-bbox="1023 749 1912 899">Cascade zone has one trench at the south and two additional mapping/sampling traverses to the north, showing graphite mineralisation >600m. Mineralisation is at least 200m wide (trench ended in mineralisation) @6% TGC in the trench, including two zones totalling 110m @8.24%TGC.</p> <p data-bbox="1023 921 1912 1013">Two zones at Kituti have been mapped, sampled and trenched. Graphite ore in this area appears to have coarser flake and higher grade than Epanko North, however widths of mineralised zones are narrower.</p>