

KIBARAN RESOURCES INVESTOR PRESENTATION

Kibaran Resources Limited (ASX: KNL), ('Kibaran' or the 'Company') is pleased to advise that Managing Director, Andrew Spinks will be giving the following presentation to institutional investors, financing partners and graphite end-users in the United Kingdom, Germany and Japan.

The presentation "Fast-tracking Premium Quality Graphite to Development" has been appended to this announcement.

For further information, please contact:

Company Secretary

Robert Hodby

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FAST-TRACKING PREMIUM QUALITY GRAPHITE TO DEVELOPMENT

KIBARAN RESOURCES LIMITED (ASX: KNL)

COMPANY PRESENTATION
JUNE 2015

DISCLAIMER

Securities Disclaimer

This presentation is for informational purposes only and does not constitute an offer to sell, or solicit to purchase, any securities. Such offer can be made only through proper subscription documentation and only to investors meeting strict suitability requirements. Any failure to comply with these restrictions may constitute a violation of applicable securities laws.

Forward looking Statements

Various statements in this presentation constitute statements relating to intentions, future acts and events. Such statements are generally classified as “forward looking statements” and involve known and unknown risks, uncertainties and other important factors that could cause those future acts, events and circumstances to differ materially from what is presented or implicitly portrayed herein. The company gives no assurances that the anticipated results, performance or achievements expressed or implied in these forward looking statements will be achieved.

Competent Person

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Andrew Spinks, who is a Member of The Australasian Institute of Mining and Metallurgy included in a list promulgated by the ASX from time to time. Andrew Spinks is a director of Kibaran Resources Limited and 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 Exploration Results, Mineral Resources and Ore Reserves”. Andrew Spinks consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

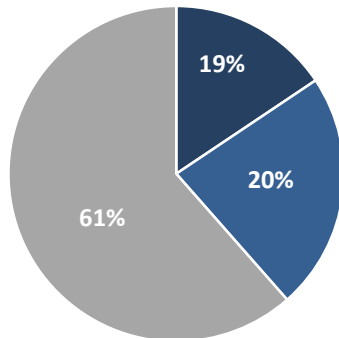
COMPANY OVERVIEW

Capital Structure

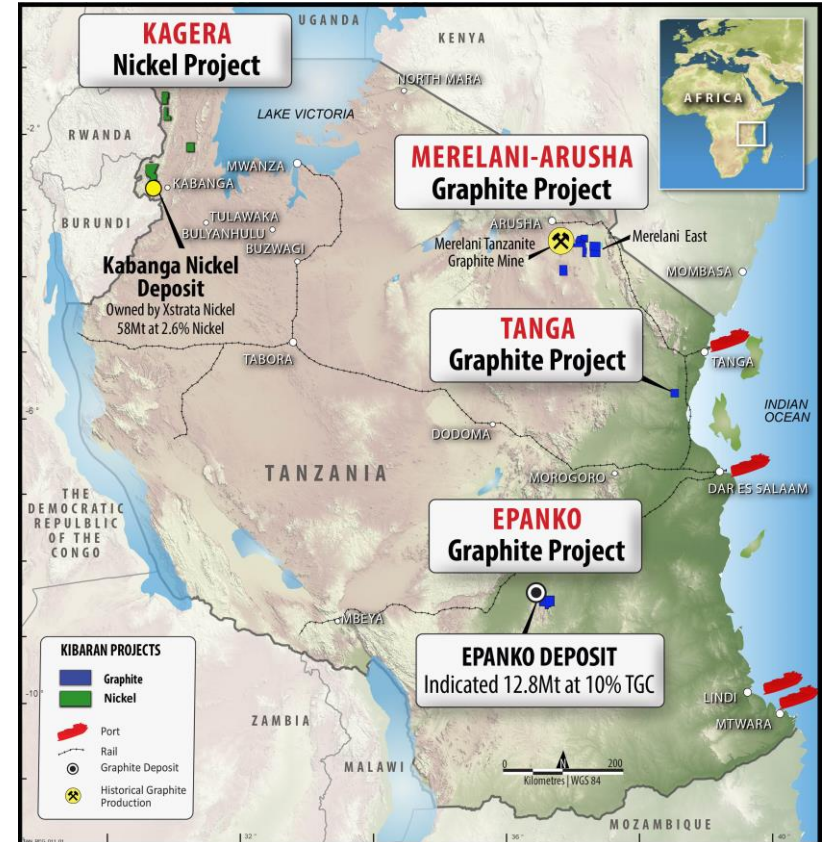
KNL:ASX

Shares on Issue	162.3m
Share Price (3 June 2015)	\$0.22
Market Capitalisation	\$35.6m
Net Cash (19 May 2015)	\$5.6m
Enterprise Value	\$30m
Options	
Listed Options	Exp 5 August 2015, Ex \$0.20 4.5m
Unlisted Options	Various Exp, Various Ex Prices 9.9m
TOTAL	14.4m

Shareholders



- Directors & Management
- Other Top 20 Shareholders
- Other Shareholders



PROJECT HIGHLIGHTS

▪ World-class graphite assets:

Epanko Graphite Project

- Upgraded JORC resource, advanced metallurgy
- Environmental Certificate from Tanzanian Government received
- Mining Licence imminent
- Debt funding LOI received
- Significant value upside with Positive Scoping Study (NPV \$213 million)
- Bankable Feasibility Study nearing completion

Merelani-Arusha Graphite Province

- Merelani East Graphite Project: Mineral Resource with outstanding metallurgy
- MoU signed to consolidate Merelani graphite province which includes the historic Graphtan graphite mine

▪ Graphite sales and offtake:

- Lol with Thyssenkrupp for 20,000tpa
- Binding off-take agreement signed with major European graphite trader for 10,000tpa
- **Significant market opportunity:**
Growing global graphite demand plus market shortage of large flake product

▪ Value Add Growth Strategies Underway

- 3D printing using graphite and graphene
- Battery grade graphite study

“Significant milestones achieved to date with the company now focussed on fast-tracking to development”

BOARD AND MANAGEMENT TEAM

Andrew Spinks - Managing Director

- Geologist with 25 years experience
- Expertise in exploration, mining and management across a number of commodities
- Association with operations in Africa for the past 13 years

Grant Pierce OAM - Executive Director - Projects

- Mining engineer with over 25 years experience
- Extensive management experience & knowledge of Tanzanian mining sector
- Senior operational management roles in mining and exploration projects in Africa
- Worked for Perseus Mining and in Tanzania Resolute Mining and Barrick Gold

John Conidi - Non-Executive Director

- Bachelor of Commerce degree from Royal Melbourne Institute of Technology
- 14 years of experience in developing, acquiring and managing businesses in the healthcare industry with a focus on diagnostic imaging
- MD of ASX:CAJ increasing market capitalisation from \$20 million to more than \$500 million in 8 years
- Significant involvement in 3D Printing technologies



His Excellency Jakaya Kikwete (R), President of Tanzania with Grant Pierce (L) and Andrew Spinks (C) at Mahenge on the 20 August 2014 discussing the significance of Kibaran's Epanko and Merelani Graphite Projects to Tanzania.

40-plus years in-country experience with proven track record and technical expertise in graphite

MANAGEMENT AND TECHNICAL TEAM

Robert Hodby - *Company Secretary*

- Over 20 years industry experience in financing and administration of public and listed companies at both operational and corporate levels
- Provides corporate, management and accounting advice to a number of companies involved in the resource and energy industries

Christoph Frey - *Technical Graphite Specialist*

- German based graphite industry professional
- Over 20 years graphite experience in Russia, Europe, Africa and China
- involved with all facets of development and production of natural flake graphite

LEADING CONSULTANTS (UNDER EXCLUSIVITY ARRANGEMENTS)

MTL Consultants

Environment

Trinity Promotions

Community and Social

GR Engineering

Engineering and Metallurgy

CSA Global

Geology

Intermine Engineers

Mining

PRODUCTION GROWTH STRATEGY

Epanko Deposit

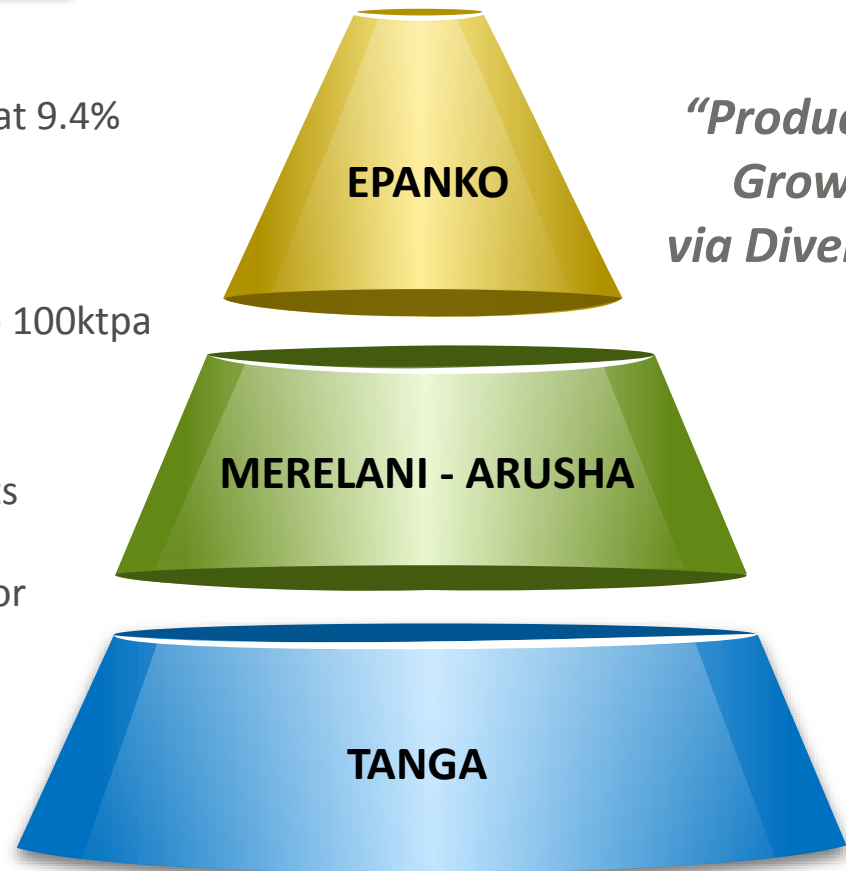
- Mineral Resource upgraded to 23.3Mt at 9.4% TGC for 2.22Mt contained graphite
- Feasibility Study near completion
- Significant upside to increase resource
- Staged Growth upgrade from 40ktpa to 100ktpa

World Class Graphite Province

- Strategic consolidation of graphite assets
- Proven sales history
- Mineral Resource 17.2Mt at 6.5% TGC for 1.12 Mt contained graphite

Early Stage Exploration

- Significant exploration potential and infrastructure access



*“Production
Growth
via Diversity”*

BINDING OFF-TAKE AND LOI AGREEMENTS

- Kibaran was the first ASX company to sign a binding off-take agreement and partnership for graphite sales
- Agreements in place for 30,000 tpa¹ for 10 years:
 - 20,000 tpa LOI with ThyssenKrupp
 - 10,000 tpa Binding off-take with sophisticated European graphite market trader
- Discussions commenced with traders and end-users for further graphite off-take agreements – Japan and USA
- Europeans have been investigating new sources of large flake graphite for the past two years and identified the Epanko Deposit as its preferred new source
- Kibaran remains the only listed company globally with a binding offtake agreement with a partner outside of China



¹ This is not a production target as production may not occur. Production may only occur on upgrade of resources and a positive feasibility study which is uncertain at this stage

WHY TANZANIA

Mining-friendly Country

Stable democratic Government committed to mining sector growth and development

- Stable democracy and legislation
- English speaking
- Common law system
- Extensive infrastructure network (road, rail and ports)
- Significant commercial mining activity in place
- Access to skilled and educated local workforce
- Significant mining support services
- Best quality graphite in Africa



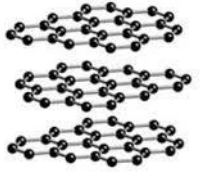
New Road and Bridge Constructions on route to Epanko

“Tanzania understands the benefits of mineral wealth through the development of minerals”

ABOUT GRAPHITE

An industrial mineral with unique physical properties:

- Superior thermal/electrical conductivity
- Stable wide temperature range
- High melting point
- Excellent lubrication
- Malleable
- Resistant to chemical attack



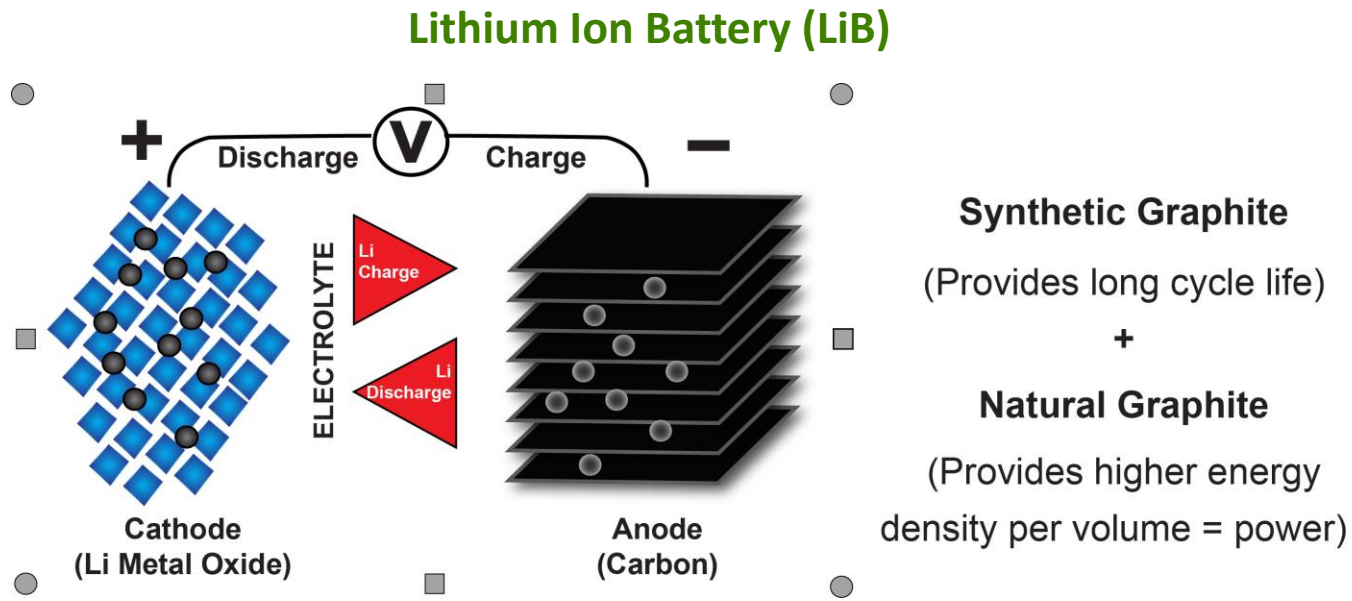
Used in a number of applications:

- **Technology** - essential component in lithium ion batteries (smart phones, tablets, electric cars etc), 3D printing
- **Industrial** - nuclear, motor, aircraft, aerospace and metals processing industries applications including use in heavy machinery, refractories, construction materials, commercial printing and more
- **Graphene** - a derivative of graphite lauded as *“the world’s next super material”*



BATTERY GRADE GRAPHITE

- High growth and demand expected
- Hybrid Vehicle (HV), Electric Vehicle (EV) and Fuel Cell (FCV) will all use Lithium Ion Battery (LiB)
- LiB Anode a mixture of Synthetic and Natural Flake Graphite
- Natural large flake graphite is required for the power in EV and FCV vehicles



LiB is expected to be a major growth driver and having one of the highest purity graphite is a market advantage

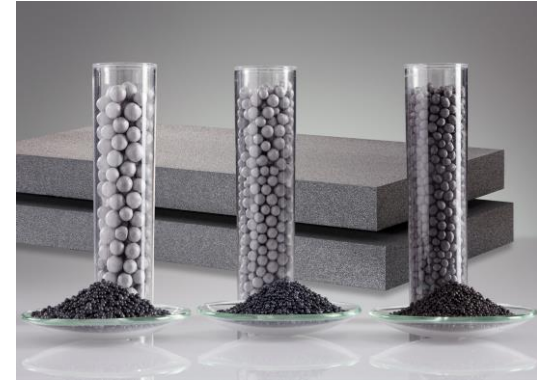
EXANDABLE GRAPHITE

Ecophit® - SGL Carbon



Ecophit® Expanded graphite can be manufactured into thermally conductive panels for energy efficient buildings.
(Source: www.sgicarbon.com)

Neopor® - BaSF



Neopor® is produced by BASF and composed of small black beads of polystyrene (EPS) containing particles of graphite (Source : www.Basf.com)

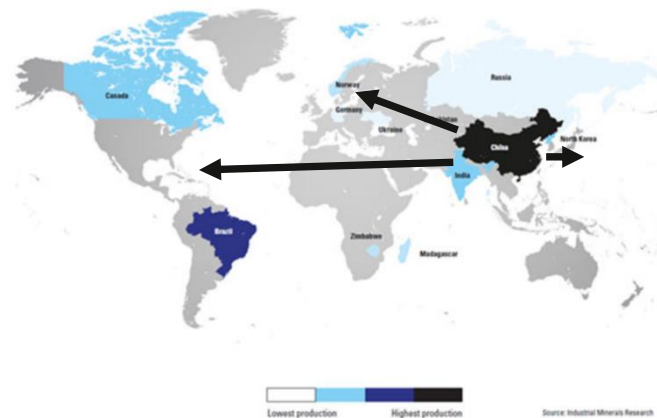
- Demand for graphite for the thermally efficient building market potentially larger than LiB market
- Expanded graphite in expanded foils is a premium priced product
- Increased use as fire retardant - non-burnable, insulating layer
- European building codes leading the world in design and evolution of new products

Climate change expected to demand new building codes requiring the increased use of thermally efficient building products

WORLD - DEMAND/SUPPLY

- Total market is 1.2Mtpa with China the largest producer and consumer
- Natural flake demand outside of China is 320ktpa and largely sourced from China
- Traders and end users seeking diversity away from Chinese supply
- China seeking to import Spherical, Large and Expandable Flake Graphite

**US, Japan, Korea,
Taiwan and Europe
are seeking
alternative source
than China.**



**China currently
produces 73% of
the World Natural
Flake Graphite
supply**

**Opportunity to develop new mines that are cost competitive and
have a technical advantages to existing supply**

TANZANIAN GRAPHITE

Significant Graphite Endowment

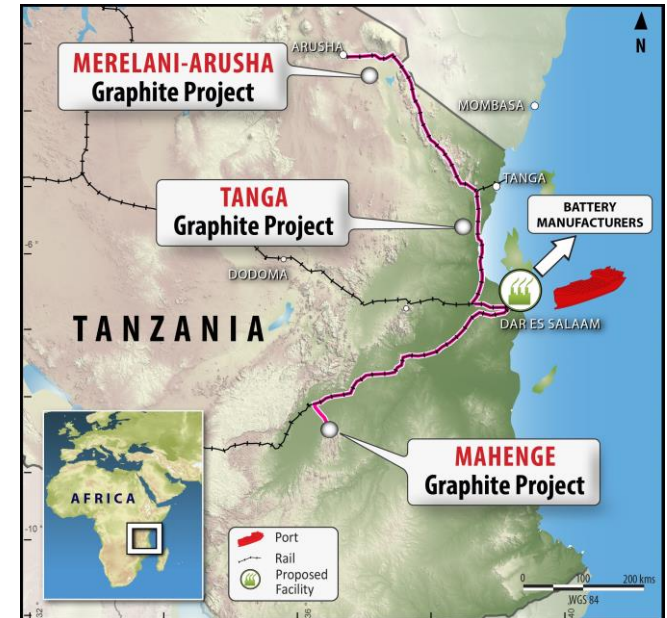
- Quality graphite - Largest flake sizes in East Africa
- Africa's largest historical production centre
- Cost competitive with existing (Chinese) supply
- Considerable technical advantages compared with current supply

Geological Reason

- High metamorphic gradient is the key factor to graphite crystallinity - large flake size distribution and high purity

Significant Opportunity

- Long term stable supply of graphite to the existing and emerging markets
- Potential to become a manufacturing hub with direct shipment of value add products to end markets

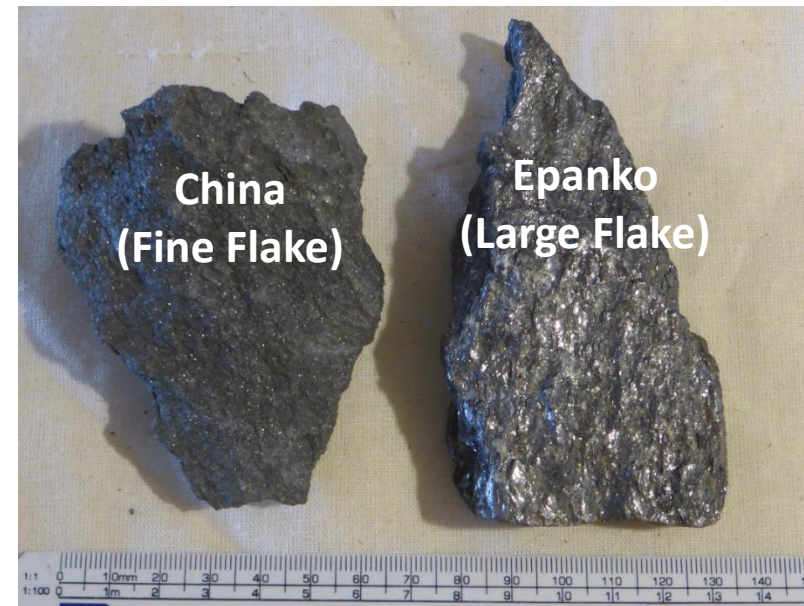


A pipeline of outstanding quality projects and value add strategies

EPANKO GRAPHITE – SUPERIOR QUALITY

Commercial Advantage over Existing Supply

- Expansion Rates for Jumbo (+50 mesh) flake is 490 ml/g which is up to 30% higher than Chinese supply
- Ultra High purity of 99.98 % Carbon
- Ash melting point of 1,305°C is up to 150 °C higher than Chinese supply
- Very low percentage of fine flake (< 75micron)
- Extremely High percentage of large flake provides higher basket prices and increased saleability
- High Crystallinity expected to generate higher conductivity and densities which is important for LiB market
- Testwork confirmed no limitation on industrial uses

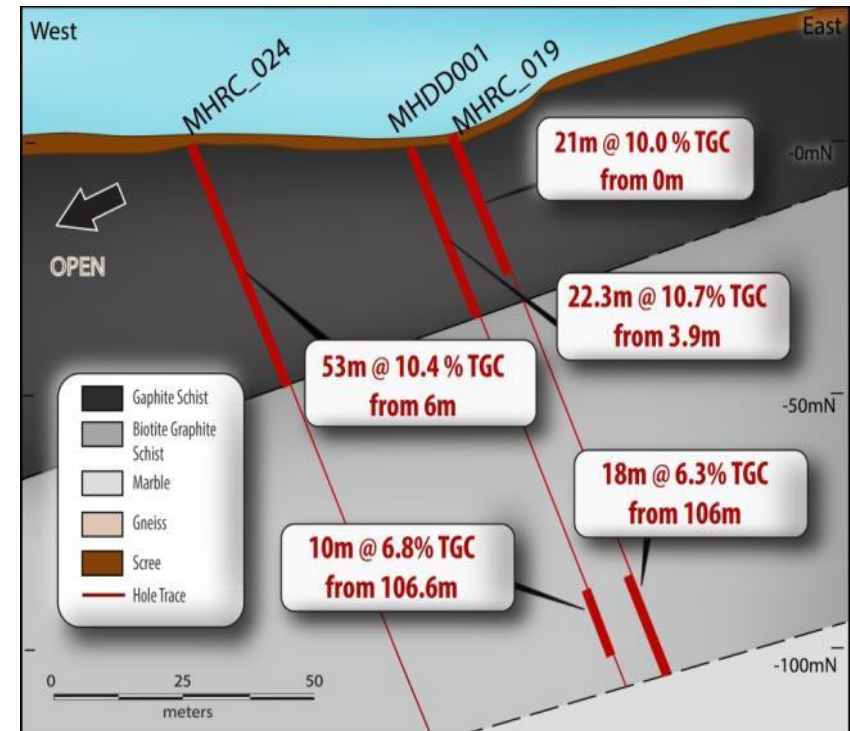


Comparison between China (Heilongjiang)
and Epanko Graphite

Flake size is **NOT** related to grade, it is determined by the level of heat and pressure undergone during its formation

EPANKO DEPOSIT

- Total JORC Mineral Resource Estimate: **23.3Mt at 9.4% TGC for 2.22Mt contained graphite**
- Measured and Indicated (M+I) Mineral Resources Estimate of **14.5Mt at 9.8% TGC for 1.4Mt contained graphite**
- 46% of M + I Mineral Resource estimate classified as **Measured**
- Resource supports producing 100,000tpa of concentrate over 20 years
- **Highest grade graphite Mineral Resource to be delineated in Tanzania**
- Grade compares favourably to past graphite producing operation in Tanzania: *Merelani Mine: 8.3% TGC produced large flake, high grade commercial product*



Cross section of Epanko Deposit

Graphite mineralisation – thick robust zones that provide a competitive and low operating cost

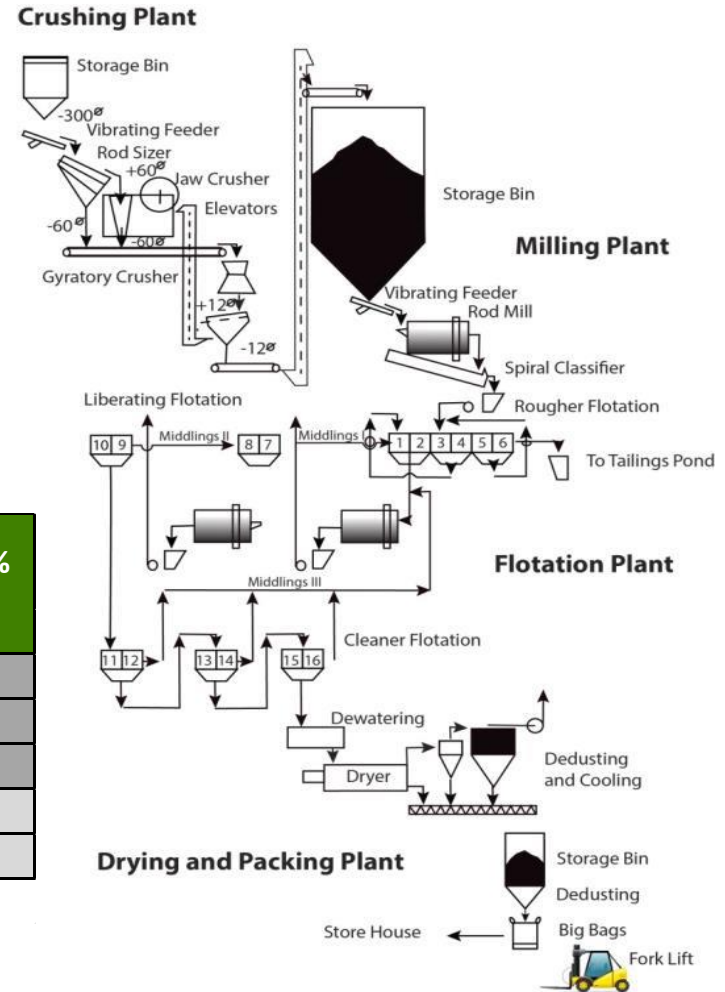
EPANKO METALLURGY

Feasibility Study Metallurgical Results

- Simple flowsheet design
- No fine grinding or acid treatments
- Very high proportion of large flake graphite with 85.7% of the total flake distribution greater than 106 micron
- Final average carbon concentrate of 96.3% TGC achieved

FLAKE SIZE			PORTION (%) FRACTION RETAINED	CARBON (%) TGC
Name	Microns	Mesh		
Jumbo	> 300	>48	20.0	97.1%
Larger	>180	>80	35.4	96.7%
Medium	> 106	>150	30.3	96.2%
Small	> 75	>200	7.4	95.3%
Fine	< 75	<200	6.9	92.6%

* Micron (µm) and Millimetre (mm). 1mm = 1000µm and fixed carbon content determined by loss on ignition method (LOI)



Competitive advantage in highest large flake distribution
and lowest fines fraction

POSITIVE SCOPING STUDY

- Indicates Epanko as an economically robust graphite deposit capable of producing premium quality large flake graphite that has no limitations to its industrial use
- Basket price \$1258/t of concentrate
- Net present value (NPV) of \$213m
- Capital payback period of 2.5 years with 27 year mine life
- Extremely low strip ratio (W:O) with first 15 years 1.3 to 1 and LOM of 2.2 to 1
- Opex FOB Dar es Salaam \$489/t

Study confirmed

- Confidence to advance immediately to a bankable feasibility study based on production of 40ktpa
- Ability to increase production as market demand increases via a 2 stage growth strategy to 100ktpa

		Base Case
Plant throughput	(tpa)	420,000
Plant recovery	(%)	96%
Feed grade	(%)	9.64%
Production concentrate	(tpa)	40,000
Base price assumption	(\$/t)	\$1,258
Cost/t concentrate	(\$/t)	\$489
Mine life	(yrs)	27
Pre-production capital	(\$m)	\$56
Strip ratio	(W:O)	2.2:1
Discount rate	(%)	10
Net present value (NPV)	(\$m)	213

PRICING OUTLOOK AND DEMAND

Independent research highlights the competitive advantage of having a high proportion of Large (>180 micron) and Jumbo (>300 micron) flake distribution; combined with a low proportion of Fine (<75 micron)

FLAKE SIZE			SIZE FRACTION	CURRENT GRAPHITE PRICING	
Name	Microns	Mesh		PRICE (US\$/t)	VALUE (US\$)
Jumbo	> 300	>48	20.0	\$2,300	\$460
Larger	>180	>80	35.4	\$1,300	\$461
Medium	> 106	>150	30.3	\$950	\$288
Small	> 75	>200	7.4	\$750	\$56
Fine	< 75	<200	6.9	\$550	\$38
Weighted Basket Price (Price x Size Fraction)					\$1,301

A 50% increase in basket price value over the current graphite prices is achieved using the future graphite pricing due to the high portion of large flake

Reference <http://investorintel.com/graphite-graphene-intel/shiny-gray-turns-green-torture-testing-graphite-prices/> <<http://investorintel.com/graphite-graphene-intel/shiny-gray-turns-green-torture-testing-graphite-prices/>>

INFRASTRUCTURE/MINE LAYOUT

Power Supply

- Grid power project underway

Water Supply

- Ground water readily available

Road

- Direct road access to site

Rail

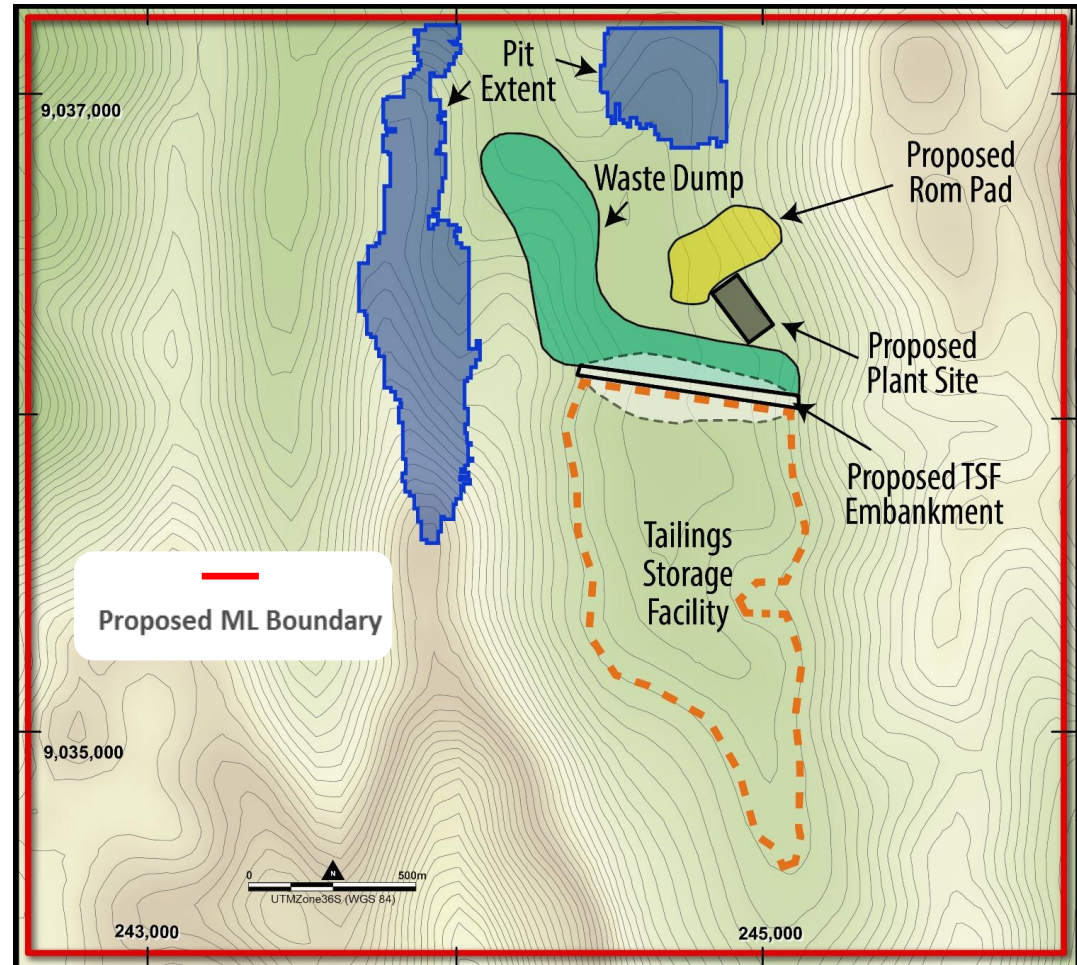
- 120km to Ifakara rail siding

Port

- 450 km to Dar Es Salaam port

Labour/Materials

- 5km to Mahenge township



Key infrastructure in place for the development of a low cost supply of graphite

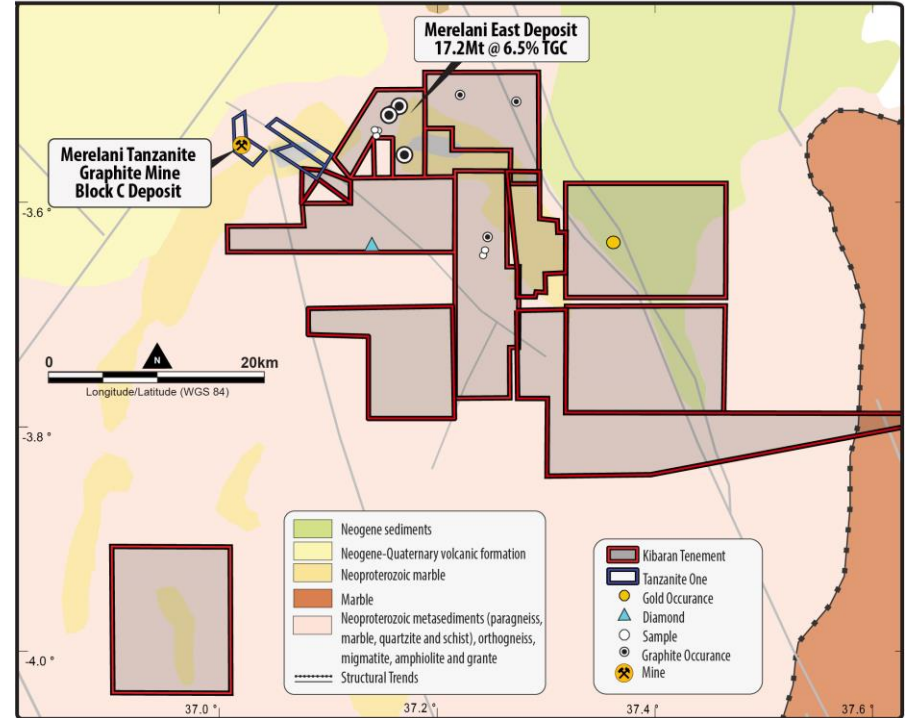
EPANKO - BANKABLE FEASIBILITY STUDY (BFS)

Major value drivers expected in short-term : Mining Licence and BFS

ITEM	Month																	
	Jan-14	Feb-14	Mar-14	Apr-14	May-14	Jun-14	Jul-14	Aug-14	Sep-14	Oct-14	Nov-14	Dec-14	Jan-15	Feb-15	Mar-15	Apr-15	May-15	Jun-15
MAHENGE GRAPHITE PROJECT (40ktpa base case)																		
Exploration - Development																		
Drill pad preparation		✓	✓															
Drilling to Upgrade Resource from Inferred to Indicated			✓	✓	✓	✓												
Water Monitoring Bores							✓	✓										
Diamond Drilling - Metallurgical/Geotechnical Engineering								✓	✓									
Resource Estimation						✓	✓	✓										
Feasibility Study																		
Mine design, optimisation and scheduling																✓	✓	✓
Metallurgy and Pilot Plant Testwork											✓	✓	✓	✓	✓	✓	✓	✓
Environmental and Social Base Line Studies	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓				
Issue of Environmental Certificate by NEMC																✓	✓	
Mining Licence Application																	✓	✓
Feasibility Study										✓	✓	✓	✓	✓	✓	✓	✓	✓

MERELANI EAST GRAPHITE PROJECT – 100% KNL

- Mineral Resource estimate of 17.2Mt at 6.5% TGC for 1,120,000 tonnes of contained graphite
- Located within the world class Merelani Graphite Province with a recognised production and sales history
- Exclusive MoU signed to consolidate graphite province tenure. Parties working towards binding agreement
- LOI for 10,000tpa in place

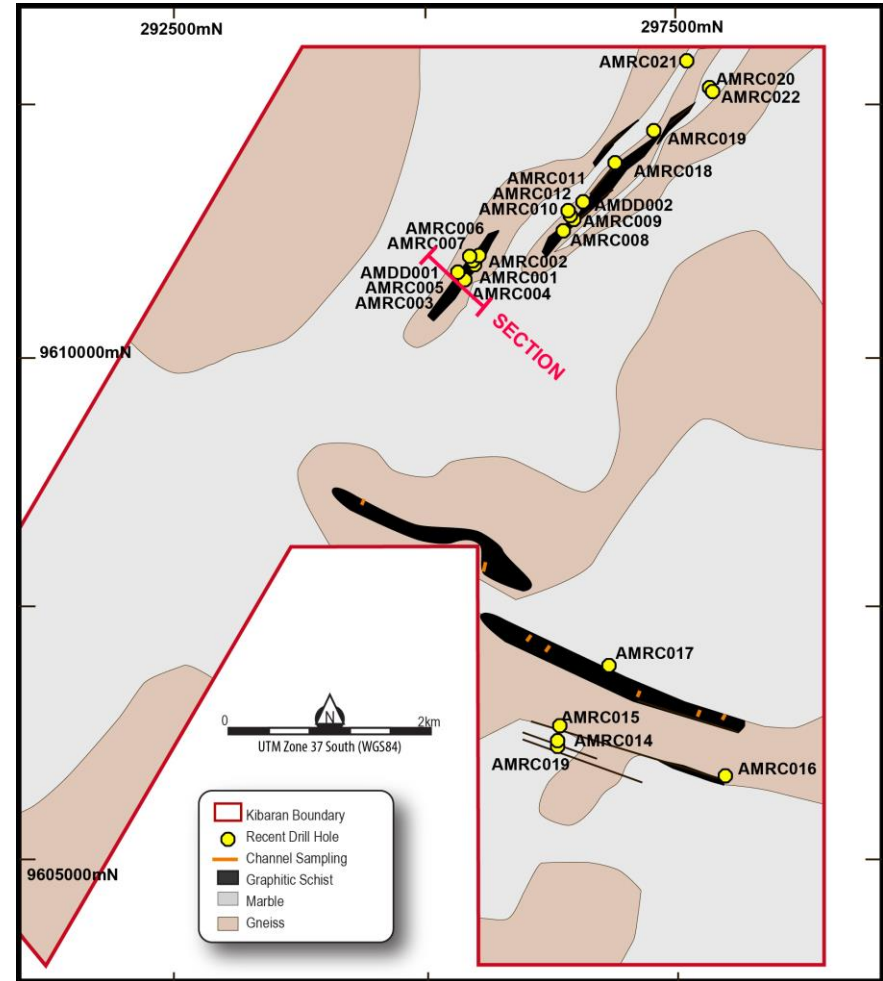
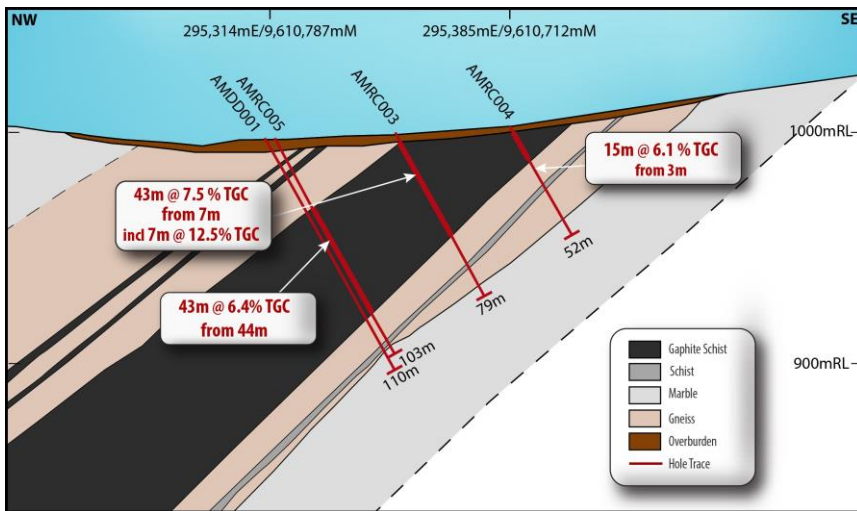


Strong results highlight stand-alone project potential and support Kibaran’s strategy of establishing a second production centre

MERELANI EAST – STAND ALONE PROJECT

Significant Upside:

- Mineral Resource estimate covers only 15% of Kibaran’s 100% owned tenement position and mineralisation remains open in all directions
- Exceptional metallurgical results which are directly comparable to neighbouring Block C deposit



Further Exploration and Metallurgical Testwork Underway

MERELANI EAST - METALLURGICAL RESULTS

One of the highest distributions and purity known in Africa

- 32.7% of distribution Jumbo Flake (>300 micron)
- Shortage of Large and Jumbo flake in China with higher prices for Super Jumbo of US\$6,000
- Extremely high carbon grades attract higher pricing
- No fine grinding or acid treatments

FLAKE SIZE			PORTION (%) OF SIZE FRACTION	CARBON (% TGC)
Name	Microns	Mesh		
Super Jumbo	>500	>35	18.2	98.3%
Jumbo	> 300	>48	14.5	97.9%
Larger	>180	>180	26.9	97.2%
Medium	> 106	>150	19.7	96.5%
Small	> 75	>200	7.1	95.3%
Fine	< 75	<200	13.6	89.1%

* Fine fractions (<75micron) are likely to be in oversupply and likely to be unsaleable

Results support the development of Merelani and the longer term benefit is broadening the company's product range

CORPORATE SOCIAL INVESTMENT

School Desk Donation to Local Community

In August 2014 Kibaran donated 148 school desks to Epanko Primary School.

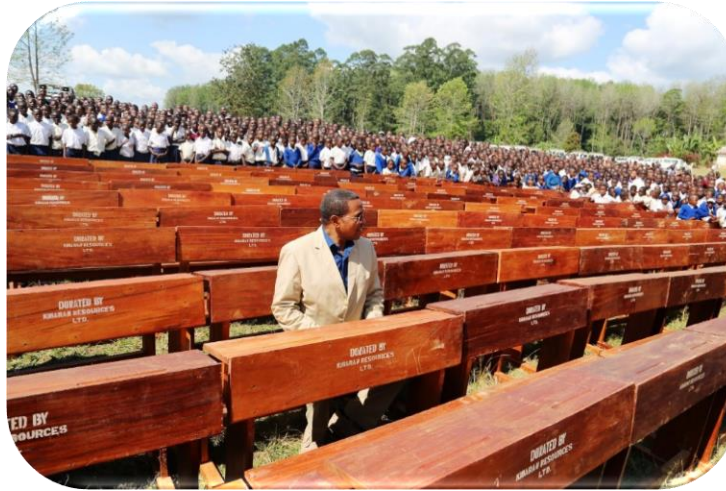
His Excellency President Jakaya Kikwete was present to receive the donation on behalf of the school.

Wheelchairs for Special Needs Children

In October 2014 Kibaran donated 30 wheelchairs to vulnerable children within the Ulanga District. The wheelchairs were made in Australia by volunteer organisation Wheelchairs for Kids.

The District Community Development Officer and the Association for the Disabled identified the special needs children who ranged in age from 5 to 14 years. All wheelchairs were adjusted by a trained technician to fit each child's individual needs.

“Development of Kibaran’s graphite project will be to the benefit of all key stakeholders including the local community and disadvantaged”



KIBARAN'S KEY DRIVERS TO SUCCESS

- Epanko striving to be the first graphite project into production in Africa
- Positioning Merelani to be the second graphite mine into production
- Maximise our significant cost competitive advantage due to our superior quality graphite
- Construct the first battery grade downstream processing plant in Africa for the EV battery market
- Develop 3D Graphtech Industries as a stand alone supplier of 3D printed products exclusively using TanzGraphite® as the raw material for the graphite inks
- TanzGraphite® to become an industry standard and household name in the global graphite sector

WHY INVEST IN KIBARAN

- Experienced team with proven results and strategic partnerships in place
- Epanko confirmed as containing a premium, ultra high purity, large flake graphite product, with highly attractive economics based on low capex and high margins
- Epanko is being fast-tracked into development with debt funding LOI received from German bank
- Well placed to become a premium, large flake graphite producer in the near term – combined 30,000tpa with LOI with ThyssenKrupp and binding off-take with European Trader
- Graphite is a 21st century growth commodity driven in large part by technology – but significant supply opportunities expected to be limited to producers of premium, large flake graphite
- Value add growth strategies underway – 3D Printing and Battery Grade Graphite.
- True value in Kibaran is yet to be realised

Focused Strategy = Kibaran is the leading near-term producer of premium, large flake graphite



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Fast-tracking premium quality graphite development