

An update from

# WALKABOUT

RESOURCES

**ADU 2020** 







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# **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 Persons**

The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Andrew Cunningham, who is a Member of The AIG included in a list promulgated by the ASX from time to time. Andrew Cunningham is a director of Walkabout 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 Cunningham consents to the inclusion in the report of the matters

based on his information in the form and context in which it appears.

The information in this report that relates to Metallurgical test work and results is based on information compiled by Dr Evan Kirby, a Competent Person who is a member of Australian Institute of Mining and Metallurgy. Dr Kirby is a full time employee of Metallurgical Management Services, a specialist metallurgical consultancy and an independent consultant to Walkabout Resources Ltd. Dr Kirby has sufficient experience that is relevant to the style of mineralogy and type of deposit under consideration and the typical beneficiation thereof. Dr Evan Kirby consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.





- 1. LINDI PROJECT UPDATE
- 2. AMANI GOLD TANZANIA
- 3. UK PROJECTS
- 4. CORPORATE

01

02

# 03

# CONFIRMATION

The Definitive Feasibility Study (DFS) confirms:

- the quality of the Lindi Jumbo Graphite Project with Mine Reserve grade of 17.9% and flake size distribution in concentrate of 75% greater than 180 micron,
- robust economics of a post-tax NPV10 of US\$180m, post-tax IRR of 87% and 19 month payback,
- attention to reducing execution risk by containing Capex to US\$29.7m,
- an initial small scale 40,000 tonne per annum of concentrate and an average EBITDA of US\$46.2m over a 24 year mine life.
- Passed independent Due Diligence by SRK
   Ingineers, IMMMA Legal

# STATUS - SHOVEL READY

Awarded Mining Licence under new Tanzanian Mining Act and:

- all Permitting and approvals granted,
- early Start works completed circa US\$1.5m,
- land access and compensation approved and paid – US\$2.1m,
- long lead equipment fabricated and stored in China,
- all material contracts ready to be executed,
- offtake Agreements updated and extended to 5 years,
- project Manager appointed and active.

# MARKET READY

Project ranks among global leader in product values:

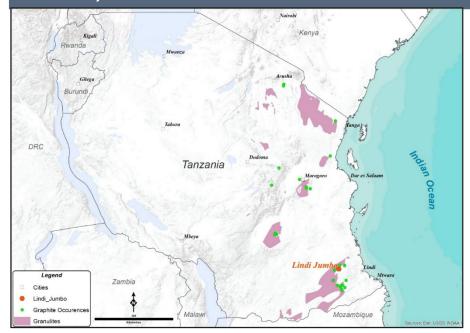
- 100% plus of product subject to 3 to 5 year offtake agreements,
- Wogen Agreement extended to International and Exclusive Representation,
- Independent review on graphite market completed by Benchmark Mineral Intelligence confirmed LJ as one of the highest margin graphite projects globally,
- International forecasts for global graphite prices highly bullish with rising demand tension on the horizon,
- USA Government confirmed graphite as strategic and critical metal for world wide procurement.





# LINDI JUMBO PROJECT DETAILS

# **Location, Tenure and Infrastructure**





#### **Location and Tenure**

- Tanzania Elephant country for large flake graphite occurrences
- 100% of Mining Licence M579/2018
- 70% 100% of four Exploration Licences (175 km2)
- 200km from the container port of Mtwara
- 4 460km from Dar es Salaam

# Roads, Ports & Infrastructure

- Good road network currently being upgraded
- Rapid development in local district schools, banks, hospitals etc.
- **Mtwara Development Corridor** Recent Regional Infrastructure Developments:
- Mnazi Bay gas fields, Dar es Salaam Natural Gas Pipeline (MDNGP),
   Mtwara Thermal Power Station (18MW), Mtwara Port Expansion
   Project.

# **Simple Low-Cost Mining Operation**



#### Reserve - High Grade Mining\*

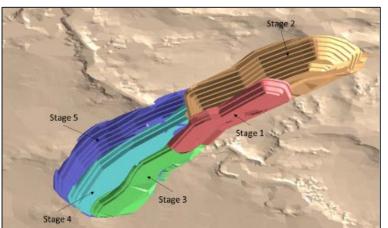
- Highest Ore Reserve grade of any graphite development project in Africa
- 5.5Mt @ 17.9% TGC for a LOM of 24 years to produce 40,000 tonnes of concentrate per year.
- Based on Indicated and Measured Resources only.

#### **Low Risk Mining**

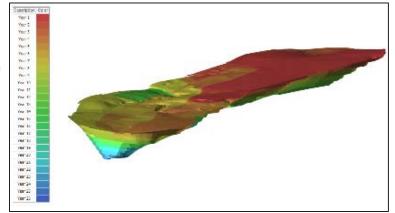
- "Fit for Purpose" mine design.
- Reasonable quantities easy to manage. Only 230,000 tonnes per annum milled – LOW OPEX.
- Very modest mining fleet required using local mining contractor.
- Small shallow pit.

#### **Low Cost Mining**

- Shallow mining from surface LOM 80m vertical depth.
- High grade = reduced plant throughput per tonne of graphite concentrate produced – LOW OPEX
- Opportunity to further high-grade during the initial years.
- Waste rock used in TSF design (upstream design) = smaller overall footprint.



Stage design for open pit





<sup>\*</sup> There have been no updates or modifications to this Resource and reserve Statement.

# **Saleable Product - Binding Offtakes**

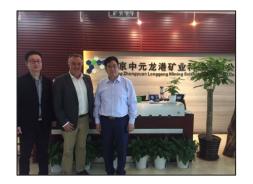


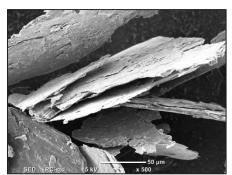
# **Binding Offtake Partners**

- 1. Wogen Pacific Ltd (Hong Kong) Min 10,000 up to 30,000 tonnes per annum
- 2. Qingdao Rising Dawn (China, Shandong) 10,000 tonnes per annum
- 3. Qianxin Graphite (China, Inner Mongolia) Min 10,000 up to 20,000 tonnes per annum

#### Mou and HoA

- 1. George LuH (Germany) 12,500 tonnes per annum
- 2. Qingdao Adtech (China, Shandong) 10,000 tonnes per annum
- 3. Jix Puxiang (China, Heilongjiang) 20,000 tonnes per annum







# Siteworks - Tanzania



















# Long lead items, Yantai Jinpeng Mining Machinery











## **EPC Contractor**

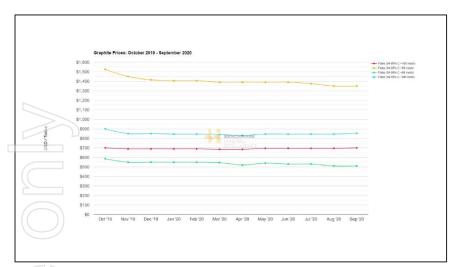
- Engineering partner and largest shareholder.
- High-tech enterprise integrating R&D, production sales and service.
- Mineral separation research institute, a mine design institute, a mining machinery factory, a mining development company, a metallurgy design company, an automation research institute and an installation company.
- Exports its products to more than 20 countries worldwide.
- Jinpeng is highly experienced in building operational plants in remote parts of Africa.
- Currently active in Africa despite travel restrictions due to Covid -19





# **Flake Graphite Pricing**





\* Source Benchmark Mineral Intelligence

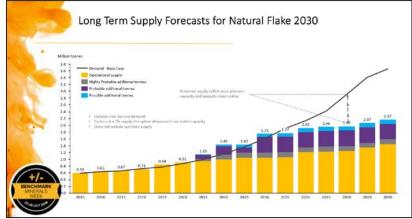
#### **Price movement**

- Covid-19 resulted in slight price drop across all products (less so in premium products)
- International independent marketing experts are forecasting long term price tension
- Graphite been declared a critical metal in the USA and Europe.









\* Source – Presentation Andrew Leyland, Head of Forecasting & Consultancy Benchmark Mineral Intelligence, Los Angeles November 2018.

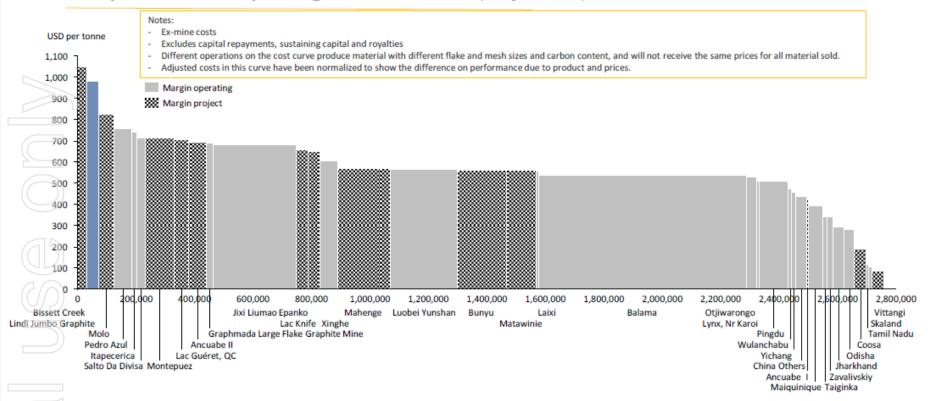




# Graphite industry margin curve 2030 (adjusted)

Independently verified as the second highest margin graphite project in the world









# LINDI JUMBO, A TANZANIAN COMPANY

# al use o



# THE CITIZEN DAR ES SALAAM TISSN 0856-9754 No. 5489 Price TSH 1,000 KSH 60 on Saturday



24 October 2020

www.thecitizen.co.tz

NATIONAL

# RESOURCES

Shein: Zanzibar's oil, gas prospects imminent P.2



INTERNATIONAL

# **IVORY COAST**

Death toll rises to 11 after pre-election clashes P.15



SPORT

# **FOOTBALL**

Simba SC coach urged to improve the defence P.20

# Barrick upbeat over 10 new Tanzania licences

Global mining giant Barrick Gold's President and Chief Executive Officer Mark Bristow visits its mining operations in Tanzania - and reveals plans for long-term operations after receiving new minerals exploration licences for the Twiga Minerals Corporation

@ChiefMalanga

Dar es Salaam. Barrick Gold Corporation is bullish about its expan-

By Alex Malanga , sion plans in Tanzania, with the mining giant's President and CEO amalanga@tz.nationmedia.com revealing yesterday that the government has granted it ten new mining exploration licences.

In a statement issued in Dar es

Salaam, Bristow said Barrick Gold would spend \$8 million (Sh18.4 billion) on exploration alone this year. as the company looks to opening more mining frontiers in Tanzania. He did not specify the exploration locations, though.

"We shall also be looking to expand the life of operations, as well as other new Tanzanian opportunities within the Twiga framework."

Amount that Barrick Gold will invest in the next one year in exploration work in areas that have been licensed for the work Bristow said following his site visits of its mines in the country. Mr Bristow was instrumental in securing the Framework Agreement with the Tanzania government following lengthy negotiations that resulted in the dissolution of Acacia Mining, and the establishment of Twiga Minerals Corporation, a joint venture in

Continued on page 2

# IN-COUNTRY BENEFITS - PHILOSOPHY



The general philosophy of Walkabout towards Lindi Jumbo's development has been to closely meet compliance with the intent and objectives of the Tanzanian government local content policy and legislative regime. To this end, Lindi Jumbo has been set-up as an independent local Company that can operate in isolation of Australia's Walkabout Resources Ltd.

To reiterate this, Walkabout does not want to "operate" the daily affairs of Lindi Jumbo out of an office in Perth but prefers to take a divisional organisational hierarchy approach which will facilitate the issues of regulatory compliance and culture, resulting in a local Tanzanian Company enabled to pursue its own local agendas.

As a result, only two connections will exist between the two Companies; a line of credit and eventual repayment of this plus dividends and initial technical expertise in order to establish eventual in-country technical capability.



# FUNDING - NEW CHALLENGES FOR A NEW INDUSTRY



There are as yet, no publicly listed graphite projects that have been funded by debt instruments anywhere.

Initial bond markets - Pareto - unsuccessful.

Leverage the "Africanism" of Tanzania's new Mining Act amendments.

Interest from African based commercial and Project Finance banks.

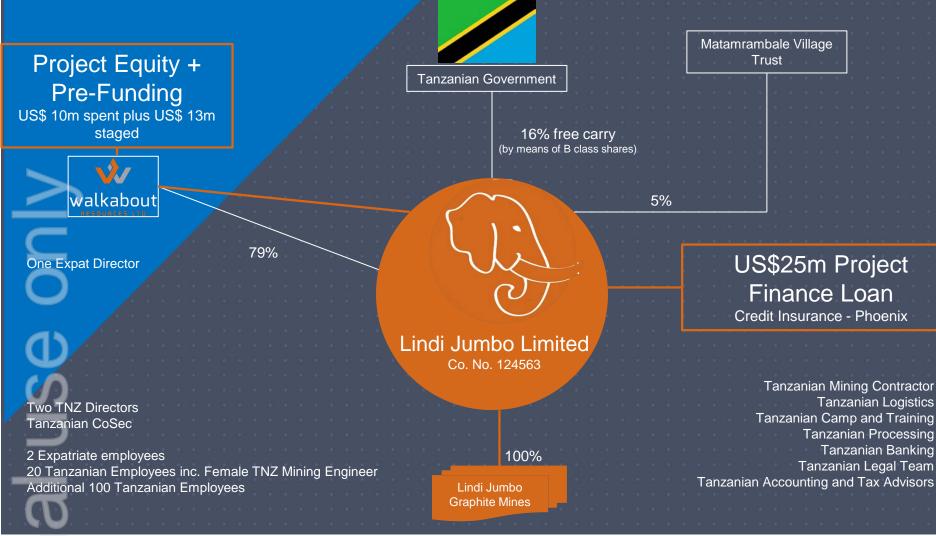
Standard "Junior" problem where limited tangible assets cannot provide adequate collateral.

Solution - local Tanzanian based credit insurance.

Cautious approach from all - willingness to succeed.

Funding will go in at Local level.





# BENEFITS TO TANZANIA - FISCAL



8

14

110

35

489

185

85

779

Financial	Average Annual (\$million)	% of Total Revenue	Life of Mine (24 yr) (\$million)
Royalties Paid	1.8	2.9%	39
Direct Tax	13	20.7%	283

0.5

0.6

5.0

1.5

22

8.5

3.9

35

0.6%

1.0%

8%

2.6%

36%

13.5%

6.2%

56%

Fiscus Direct Total

Salaries and Wages Consumables Estimate

Indirect and Secondary Taxes

Government 16% Dividend

**Duties and Levy's** 

Fees and Licences

Total

# BENEFITS TO TANZANIA - INDIRECT

- Establish Tanzania as the premier Non-China jurisdiction for graphite minerals
- Contribution to mining industry technical knowledge endowment
- Contribution to general international image and business reputation
- Significant contribution to foreign export account
- Attention and endorsement of minerals endowment register
- International experience exposure to national compliance technocracy
- Contribution to GDP and to notional mining sector GDP
- Expansion and support of local businesses, partners, financial and technical services industries

# SOCIAL IN-COUNTRY PROGRAM – SELECTED ITEMS



					Limited
Item	Recipient	Purpose	Cost	Location	Follow up/comments
1	Matambarale Village	Drilled water borehole & equipped with handpump	TZS 9 000 000	Matambarale, Ruangwa	Drilled, equipped and in daily use
2	Matambarale Village	Construction of an ablution facility for the Community Church	TZS 180 000	Matambarale, Ruangwa	Constructed and in use
3	Ruangwa District Office	Training of Reservist officers	TZS 500 000	Ruangwa Town	Training complete
4	Said Kutwambi	Sponsorhsip for the purpose of University of Dar es Salaam Registration fee's (The first eligble university student coming from the Matambarale village)	TZS 100 000	Matambarale, Ruangwa	Registred and currently studying
5	Ruangwa District Office	Construction materials for the constuction of the Majaliwa Secondary School (100 bags of Cement & 100 iron roof sheets)	TZS 2 750 000	Ruangwa Town	Secondary school constructed and currently in operation
6	Namungo Football Club	Football team uniforms and kit for the season	TZS 20 000 000	Ruangwa Town	As a result, the club qualified for the Premium league
7	Ruangwa District Office	Tanzanian Independence Day celebration	TZS 1 000 000	Ruangwa Town	Completed
8	Matambarale Village	Abandoned water borehole serviced and repaired	TZS 300 000	Matambarale, Ruangwa	Serviced, repaired and in daily used
9	Matambarale Village	Construction materials for the Community Islamic Mosque	TZS 250 000	Matambarale, Ruangwa	Constructed and in daily use
10	Namungo Football Club	Joint contribution towards the brand-new team bus	TZS 20 000 000	Ruangwa Town	Bus delivered to the club and will be transporting the team during the next Premium league season

# 17 GOALS OF SUSTAINABLE DEVELOPMENT - CONTEXTUALIZED FOR MINING DISTRICT

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Direct - Moderate

Direct - Moderate

Direct - High

Direct - Moderate

Indirect – Low

Indirect - Moderate

Indirect - High

Direct - High

GOALS	LINDI IMPACT	GOALS	LINDI IMPACT
			Lindi Jumbo

Reduced Inequalities

Climate Action

Life below Water

Life on Land

**Partnerships** 

Sustainable Cities and Communities

Responsible Consumption and Production

Peace, Justice and Strong Communities

Direct - High

Direct - High

Direct - Moderate

Indirect - High

Direct - High

Direct - Moderate

Direct - Moderate

Direct – High

Direct - High

No Poverty

Zero Hunger

Good Health

**Quality Education** 

Gender Equality

Affordable Energy

Clean H2O & Sanitation

Decent Work and Economic Growth

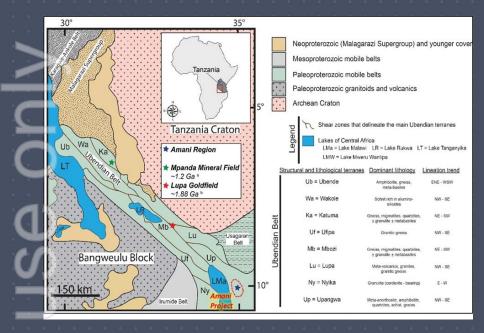
Industry, Innovation and Infrastructure

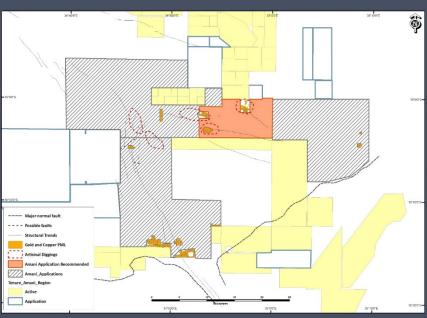


# AMANI GOLD

# COMMANDING TENEMENT PACKAGE



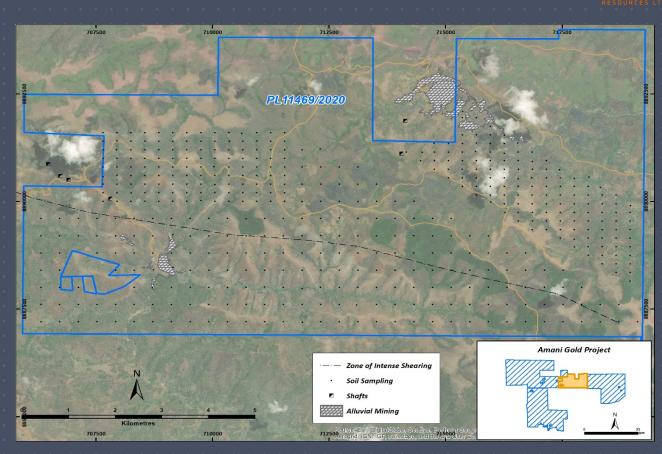




# AMANI GOLD - MORE ELEPHANT COUNTRY



- Initially part of Walkabout's ongoing diversification strategy.
- Four licences acquired for a total of 830km<sup>2</sup>.
- Under-explored, undiscovered source of significant 100 yr old alluvial workings.
- Alluvial gold and outcrop widely located across tenement areas.





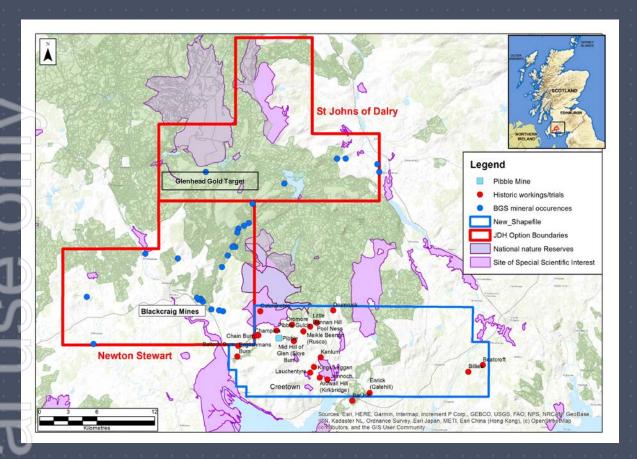






# UK PROJECTS - SCOTLAND





Blackcraig Mines Target Grades of up to 30% Zn, 9.1% Pb, 7.4% Cu and 36.1 g/t Ag in rock chip samples.

Glenhead Gold Target
Grades up to 12.8g/t in rock chip samples

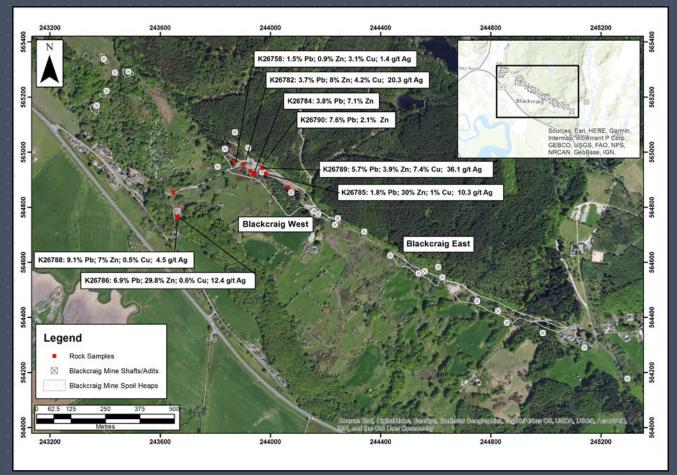
Drilling to commence early 2021

<sup>\*</sup> See ASX announcements 04 and 30 June 2020

# SELECTED HISTORIC MINES IN SCOTLAND ON WALKABOUT LICENCES

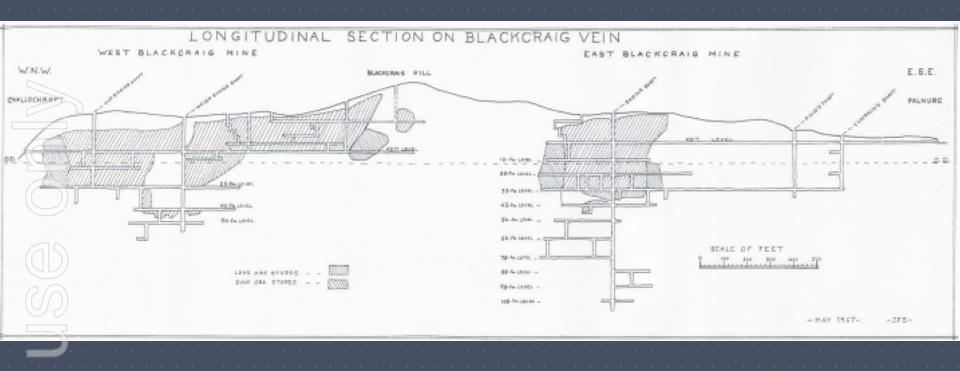


		Mine	First	Width	Depth	Minerals			Comments
10			Year	(ft)	(ft)				
	1	Silver Rig	1870			galena	sphalerite	pyrite	
	2	Coldstream Burn	1790		150	galena	sphalerite	pyrite	
	3	Wood of Cree	1870	15	75	galena	sphalerite	pyrite	Width of 15 feet, grades up to 29% Zn
	<b>=</b> 4	Blackcraig East &West	1763		250	galena	sphalerite	pyrite	Grades +15% Pb
	5	Palnure	1852			galena	sphalerite	pyrite	
	6	Cairnsmore	1818		200	galena	sphalerite	pyrite	
	7	Bargaly	1851	6	130	galena	sphalerite	pyrite	Grades +10% Pb and 10% Zn
0	8	Dallash	1853	7		galena	sphalerite	pyrite	
	9	Talnotry	1855		66	cobalt	niccolite	pyrrhotite	
L	10	Craighandle	1848			galena	sphalerite	pyrite	
	11	Garmel	1848			galena	sphalerite	pyrite	
1	12	Greymare's Tail	1848			galena	sphalerite	pyrite	
4	13	Black Loch	1848			galena	sphalerite	pyrite	
0	14	Craigencallie		6				chalcopyrite	Copper Mine
0	15	Craignell		2			sphalerite	chalcopyrite	



# **BLACKCRAIG MINES WORKING SECTION**











# CORPORATE AND OTHER

# IMPACTS OF COVID-19 ON PROJECTS – Looking Forward



Impact Area	Functional	Expertise	Timing	Health and Safety	Cost	Overall
Australia	Travel Restrictions	Management	Nil Effect	Nil Effect	Nil	Minimal
Tanzania Dar	Administration	Management and contracting	Nil Effect	Nil Effect	Nil	Minimal
Lindi Site	Engineering	Construction	Delay due to funding	Nil Effect	Marginal	Marginal
Amani	Site Access	Exploration	Nil Effect	Nil Effect	Nil	Minimal
China	Manufacture	Construction	Nil Effect	Care to be taken	Nil	Marginal
Europe	Site Access	Exploration	Limited Effect	Care to be taken	Minimal	Minimal

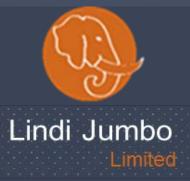
In general, forward looking impacts of Covid-19 are currently Nil. Only issue is pressure on business and industry to generate activity to stimulate economies. Financial impacts on construction and operating process are negligible.

# **EXEMPLARY SOCIAL AND COMMUNITY RELATIONSHIPS**











Cape Town Fish Market 3<sup>rd</sup> Floor, Plot No, 180, Msasani, P.O. Box 33773, Dar es Salaam Tanzania

www.lindijumbo.co.tz/





# CONTACT US

REGISTERED OFFICE

# BENEFITS TO TANZANIA - COMMUNITY DIRECT

- Construction jobs of +200 for 12 months
- Operating jobs full-time of +100 for 24 years
- Social and Training services to community
- Medical services in the community
- Contract small business supply development
  - Food growing and supply gardens,
  - Maintenance services and associated direct contracting
  - Housing and community development for management families
  - Schools, sporting and civil sponsorships
- Estimated annual turnover into community of US\$20m affecting +600 persons





Detailed employee profile - Tanzanians

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Employee Class	No.	Skill Set
• Directors	2	Management
Senior Management	4	Technical and Management
<ul> <li>Management</li> </ul>	8	Metallurgists, Mining and Other
<ul> <li>Supervisory</li> </ul>	10	Operational and Functional
• Skilled	20	Functional and Artisanal
• Semi-Skilled/Unskilled	56	Basic Operational
Contracting (all levels)	25	Widespread

These skills introduced to a rural, basic subsistence agricultural area such as Ruangwa have profound affect on Uplifting and stimulating local economy and social network.