Lindi Jumbo Graphite Project

# **Fast Track to Development**

AGM Presentation 15 November 2017



wkt.com.au

THE INNOVATION OF GRAPHITE MINING

# 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 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 Mineral Resources is based on information compiled by Mr Laurie Barnes, a Competent Person, who is a Member of The Australasian Institute of Mining and Metallurgy. Laurie Barnes is the Principal of Trepanier Pty Ltd, an independent consulting company. Mr Barnes 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". Mr Barnes 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.



# Walkabout Resources – Corporate Overview

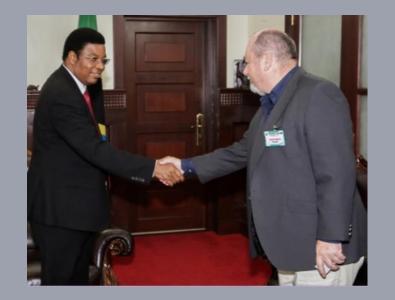
Capital Structure				
ASX Code	WKT			
ASX Share Price	\$0.09c			
Shares on Issue	167,760,201			
Market Capitalisation	A\$15m			
Cash	A\$1m			
Тор 40	51%			
Hong Kong Tiande Pty. Ltd.	10.3%			

# Share Price 12 mths

Board and Management			
Trevor Benson	Executive Chairman	Investment Banker, Chinese experience	
Allan Mulligan	Executive Director	Mining Engineer, extensive African project experience	
Andrew Cunningham	Technical Director	Geologist, extensive African experience	
Thomas Murrell	Non Executive Director	Marketing specialist, independent	
Dr Evan Kirby	Consulting Metallurgist	Metallurgist, extensive African project experience	



# Positive meeting with Tanzanian PM and Minister for Mines





- Walkabout met with the Prime Minister of Tanzania The Honourable Mr Kassim Majaliwa in October 2017.
- The Prime Minister strongly supports the development of our Lindi Jumbo Project and understands the urgency of the development timeline.
  - He stated the Government of Tanzania was not interested in mine ownership and did not want mining investment to stall.
- Walkabout is the first mining company to meet with newly appointed Minister of Mines, Honourable Angellah Kairuki.
  - She explained that she intended to restore confidence in the Tanzanian Mining Industry and that the resumption of approvals would occur very shortly.
- The Minister of Mines is committed to assist the Lindi Jumbo Project meet its construction schedules.
- The Tanzanian Mining Ministry understands the potential for the Tanzanian graphite sector to become significant in world graphite production.

# Lindi Jumbo Graphite - Key Differentiators

Unwavering and Committed Strate Unwavering High Grade

**Premium Product** 

Manageable Start-Up Scale

Delivers lower Capex and Opex

Attracts Higher Revenues and Demand

Reduced Risk and Time to Development



wkt.com.au

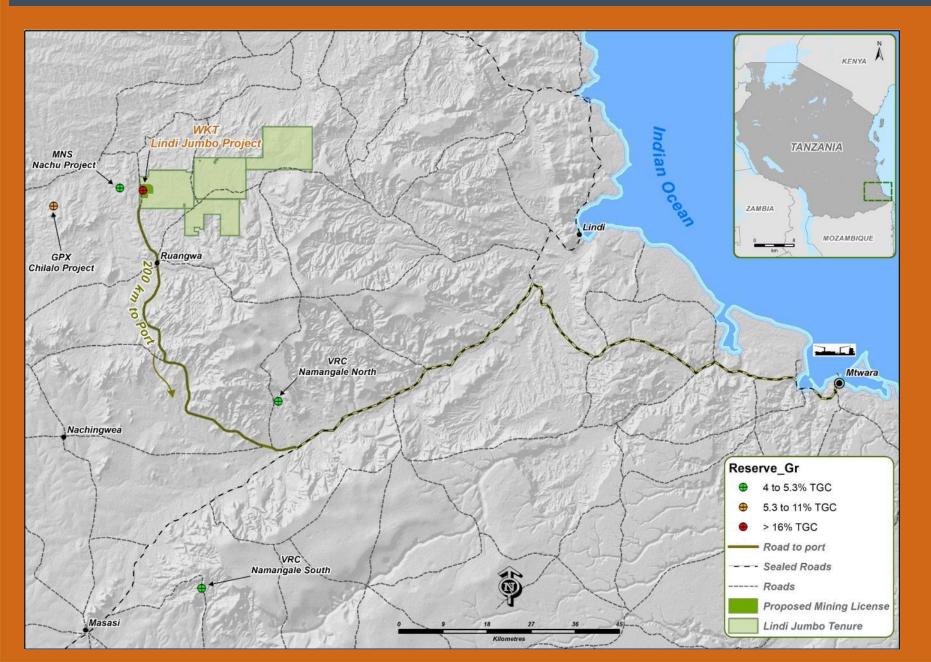
# Lindi Jumbo Graphite - Fast Track Achievements





wkt.com.au

# Prime Location Close to Infrastructure and Deepwater Port

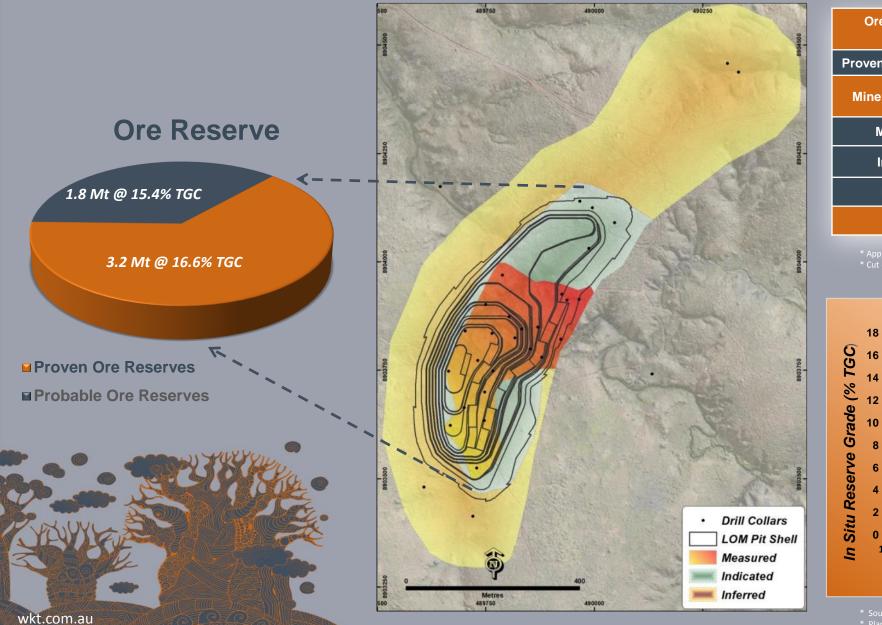






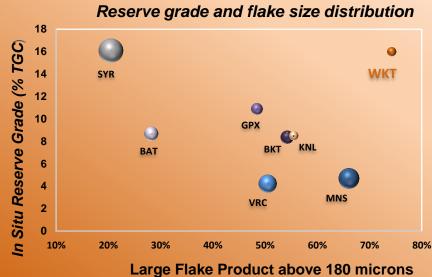


# 3.2 Mt of High Quality Large Flake Graphite Concentrate



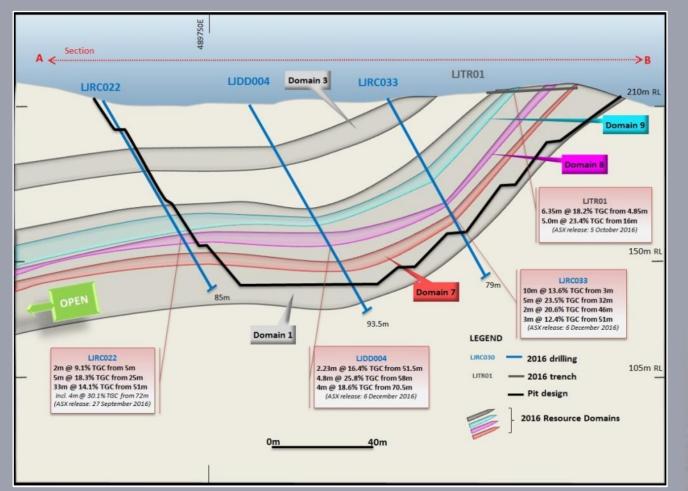
Ore Reserves	Mt	TGC Grade (%)	Contained Graphite (tonnes)	
Proven and Probable	5.01	16.1	809,081	
Mineral Resource	Mt	TGC Grade (%)	Contained Graphite (kt)	
Measured	6.4	12.2	780,800	
Indicated	5.5	11.0	605,000	
Inferred	17.6	10.6	1,865,600	
Total	29.6	11.0	3,256,000	

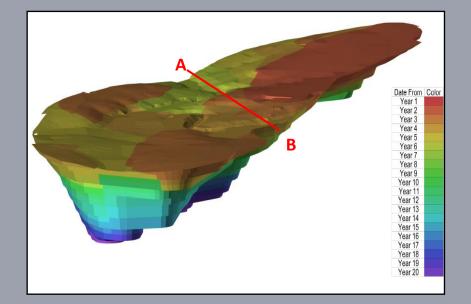
\* Appropriate rounding applied \* Cut off of 5% TGC (Low Grade Domain 4 excluded)



\* Source – ASX company announcements
\* Planned annual production target reflected by the size of the bubble

# Shallow Access Open Pit Design





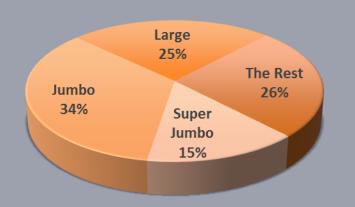


- High grade visually distinct from surface
- Simple and modest mining operation
- Huge upside potential in immediate deposit area •

wkt.com.au

# Exceptional Flakes, Exceptional Product

## Lindi Jumbo Concentrate Flake Size Distribution



Product Type	Mesh	Base Case Sales Price (US\$/t)	Current Prices (US\$/t)*	Planned Annual Sales (tonnes)	% Contribution to revenue
Super Jumbo (+500µm)	+35	3,500	1,750	6,000	33.0%
Jumbo (+300µm)	+50	1,750	1,150	13,000	39.0%
Large(+180µm)	+80	1,000	790	10,500	16.0%
The Rest (-180µm)	- 80	750	590	10,500	12.0%
Total		1,534	1,130	40,000	100.0%

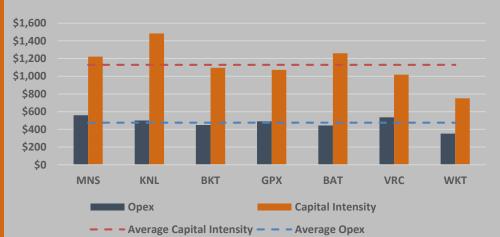
\* August 2017 Pricing as per updated DFS

- "Best in Class" **flake size distribution** = High Basket Price
- Simple processing High Purity & Recovery
- Wide range of applications
- Perfect for expandable and speciality graphite markets
- Minimal variation across deposit
- Exceptional expansion ratios (590 times)

# Capital Payback 19 Months - Updated DFS Robust Under TZN Changes

DFS Outcomes	Annual Averages	LOM Total (Base Case)	Units	LOM Totals (2017 Actuals)		
Revenue	62.0	1,188	US\$m	762.7		
Operating Costs (FOB Mtwara)		349	US\$/t	349		
Capital Cost (Initial)		29.7	US\$m	29.7		
EBITDA	46.2	885.7	US\$m	473.7		
WKT Free Cash	28.0	494.4	US\$m	255.3		
Pre-Tax NPV <sup>10</sup>		302.5	US\$m	145.5		
Pre-Tax IRR		108.0	%	61.3		
Post-Tax NPV <sup>10</sup>		180.2	US\$m	86.0		
Post-Tax IRR		87.7	%	50.6		
Payback Period		19	Mths	20		
Operating Margin	77.4	77.5	%	64.9		
2017 Tanzanian Legislative Effects						
Royalties	1.8	34.2	US\$m	21.5		
Taxes Paid	12.6	255.1	US\$m	131.5		
TZ Government Dividend	5.3	100.8	US\$m	51.5		
Total to Tanzania	19.7	390.1	US\$m	204.5		

### Peer Comparison - Capital Intensity and Opex



\* Source – ASX company announcements

\* Appropriate rounding applied

See ASX release of 24 August 2017. No changes to the DFS has been recorded since then

# Innovative Approach to Branding, Marketing and Offtake



### 12

25%

Unallocated





# Robust Demand - Prices on the Move

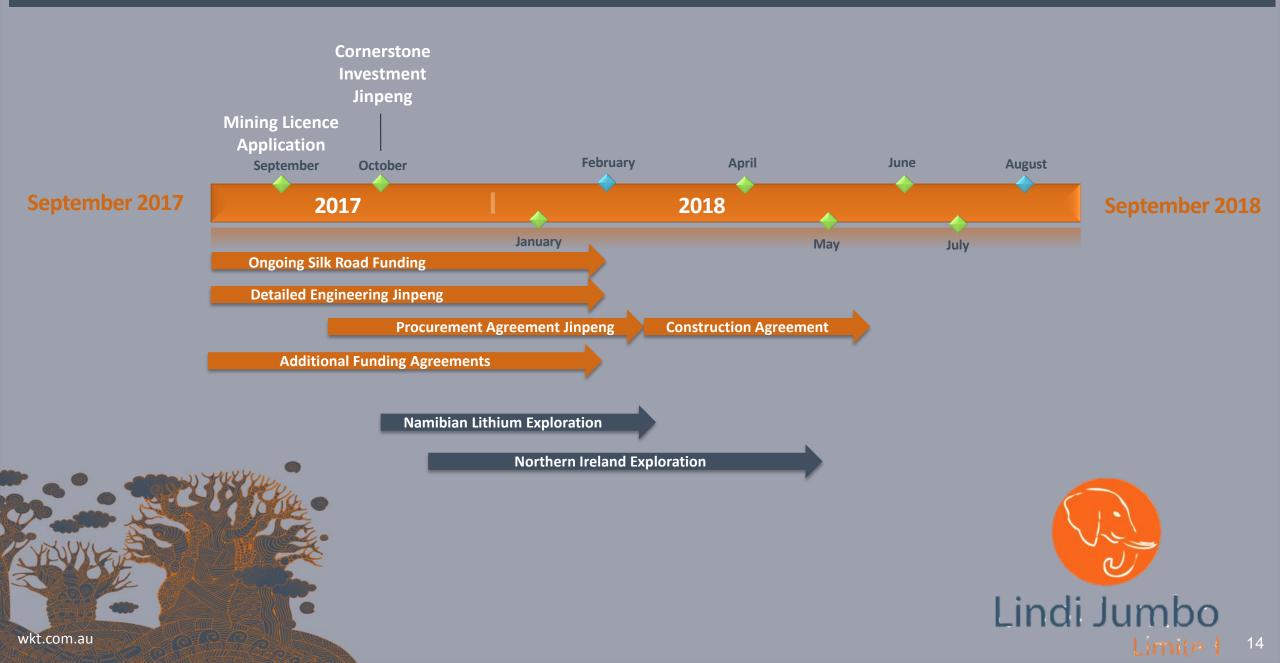
Natural Flake Graphite (all at 95% TGC)	Mesh	Base Case Sales Price (US\$/t)	May 2017 Actual Prices (US\$/t)	Sept 2017 Actual Prices (US\$/t)	% Increase between May and Sept 2017
Super Jumbo (+500µm) <sup>1</sup>	+35	3,500	1,350	1,680	24%
Jumbo (+300µm)	+50	1,750	1,150	1,520	32%
Large(+180µm)	+80	1,000	720	1,100	53%
The Rest (-180µm)	- 80	750	470	777	65%
Total		1,534	870	1,216	38%
Expandable Graphite					
+300µm Exp 250x 98% TGC	+50		2,350	2,570	9%
+500µm Exp 400x 99% TGC	+35		3,150	3,850	22%

2017 prices from UBS report and industry actuals 1 – Highly specialised Product with low pricing transparency – Price was \$6,000/t in 2012



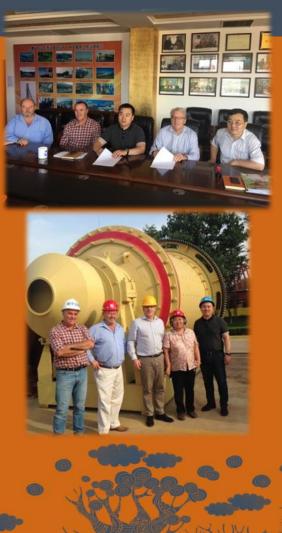
- Supply constrained by Chinese industry clean-up
- Rapid development of new fire retardant products
- Remaining graphite supply in China is low spec/small flake
- Chinese trading houses seeking to export to European markets
- Current focus on Lithium supply has left graphite neglected

# Walkabout Resources – On the Run



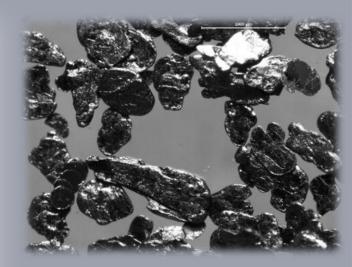
# Project Engineering Commissioned - Heads of Agreement signed for EPCM

- HOA signed with Yantai Jinpeng Mining Machinery Co Ltd. (Jinpeng) for EPCM.
- More than **30 years experience** in mining design and equipment manufacture, installation and commissioning with experience in remote parts of Africa.
- HOA includes engineering, management and construction of the Lindi Jumbo process plant and portions of shared infrastructure package.
- The Engineering, Procurement, Construction and Management (EPCM) service contract will include a **Deferred Payment Option** to partially fund the Project.
- **Detailed engineering and design** work has commenced (initial payment made).
- Critical equipment has been sourced and costed.
- Funding will be for 80% of the equipment sourced out of China under Silk Road initiative.



# Differentiators for Lindi Jumbo - The Investment Case

- **Highest mineable grade** with LOM average mill feed of >16.2% TGC.
- Lowest unit operating cost ~ US\$352 per tonne in concentrate FOB port of Mtwara.
- Lowest start up capital at US\$29.7m. Low costs will bring affordability, adaptability and flexibility to start up operations.
- **Exceptional Product** with highest ratio flakes above 180µm in concentrate above 95% TGC. Premium product is facilitating attractive market partnerships.
- This delivers higher weighted average basket price (\$1,534) due to flake size distribution.
- Manageable and realistic start up production rate considering possible market risk. Strategy to be one of the first to market.
- Front End Engineering Design (FEED) being carried out in parallel with fund raising to reduce schedule wait time and prepare project for "build readiness".















# Graphite Target Markets

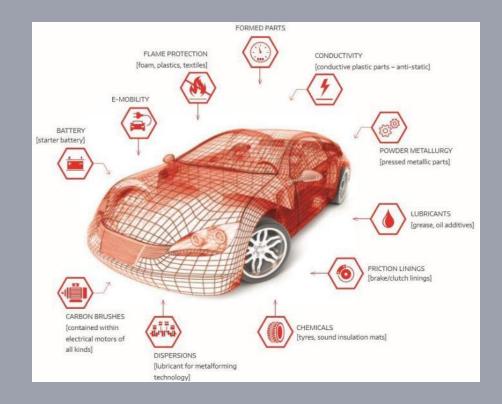
### **Expandable Market**

- *Halogen-free* intumescent flame retardant materials (automotive industry, plastics, isolation etc.)
- *Advantages* for use in flame retardants low material use, free of heavy metals, non-polluting, relative low cost, reduces fume formation
- Flame retardant industry forecasted to grow significantly
- Discussions underway to amend Chinese building regulations to make it compulsory to use flame retardants in building materials
- Large expansion volumes of Super Jumbo, Jumbo and Large flakes expected to attract stronger pricing due to limited supply out of China

### **Speciality Parts and foils**

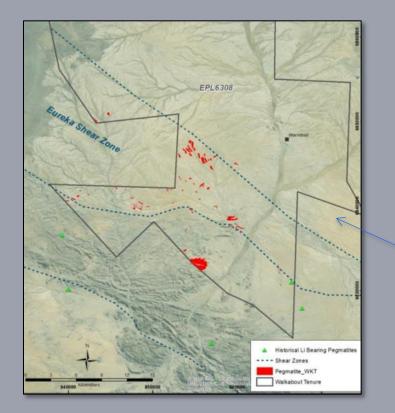
- Moulded parts from natural graphite smooth surface, resistant to chemicals, density can be adapted (seals heat management, glass industry)
- Foils made of high purity natural graphite without the addition of binding agents (0.1 to 2mm thick) (heat management, seals, chemical industry)

### **Refractories and battery markets for finer fractions**



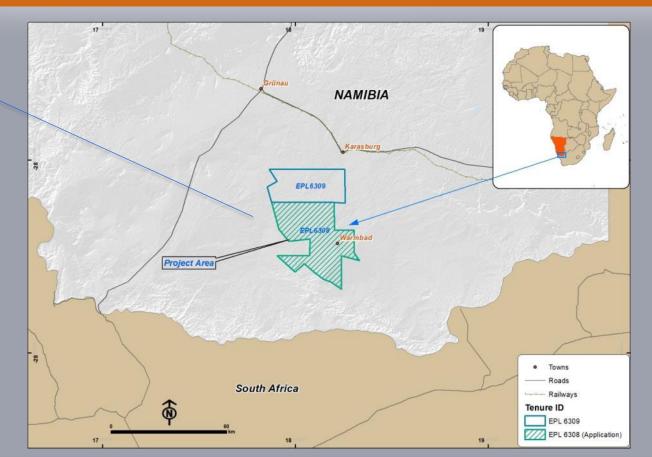


# Lithium - Namibia



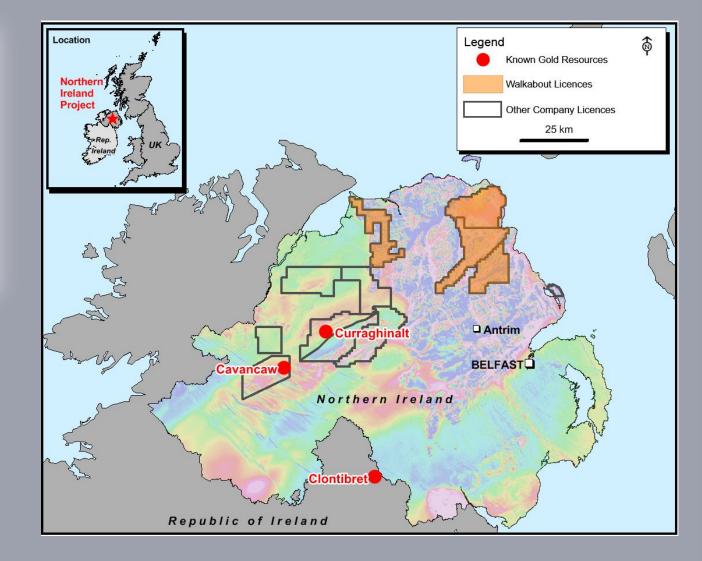


- Two exploration licenses (one in application) for 1,550km<sup>2</sup> within the highly prospective Orange River Pegmatite Belt.
- Recent mapping project completed delineated 27 line kilometres (530 Ha) of pegmatites within the project area.
- Numerous historic occurrences of lithium pegmatites. No systematic, modern exploration programs for lithium conducted in the area.
- Close to good infrastructure, water and power.



# Northern Ireland Exploration

- Acquired 100% of Lonmin PLC's Northern Ireland exploration portfolio and assets for US\$100,000
- ~1,000km<sup>2</sup> tenure (4 MPL's and 2 Applications)
- Multi-commodity targets Gold, PGM, Base metals, Lithium
- Extensive exploration databases (including drill core)
- Exploration equipment, vehicles, and suitable office premises
- A 50% interest in an active gold Joint Venture with gold mining company Koza (UK) Limited



Exciting mineral exploration destination, stable government and a well-established mining code





# Northern Ireland Gold Joint Venture

- Koza (UK) Ltd have earned 50% by spending US\$1M
- Can earn a further 25% by completing a fully funded PFS
- Targeting the northern extension of the highly prospective Dalradian Gold Belt
- Gold intersected 3 holes with up to 8.05g/t Au in shallow drilling



