

LUCAPA DIAMOND COMPANY



An Exciting New Diamond Province

Cape Town Investor Presentation – February 2014

Chairman:

Gordon GILCHRIST

- Former MD of Argyle Diamonds and head of Rio Tinto's global diamond operations

Managing Director:

Miles KENNEDY

- Former Chairman of WA diamond miner Kimberley Diamond Co

Exploration Director:

David JONES

- One of Australia's most experienced diamond geologists with 35 years' experience

Shares on Issue:

- 3,852 million (ASX: LOM)

Listed Options:

- 795.4 million @ 1c¹ (ASX:LOMO)

Unlisted Options:

- 150 million @ 1.9c-3c²

Market Cap:

- \$30.8 million @ 0.8c

Website:

- www.lucapa.com.au

¹ Expiring 29 August 2015

² Expiring between September 2014 to December 2014



Company Overview

- ASX-listed Lucapa operates the 3,000km² Lulo Diamond Concession in Angola's diamond-rich Lunda Norte region
- Over the past 5 years, Lucapa has discovered a major kimberlite province and extensive diamond-rich alluvial gravels at Lulo
- Lucapa is recovering large world-class Type 2A diamonds of up to 131.4 carats from Lulo
- Throughout 2014, Lucapa will test priority Lulo kimberlites to locate the source of these world-class diamonds, while also advancing the diamond-rich E46 project area



Lulo Diamonds: Big is Beautiful



95.45 carats



32.2 carats



53.3 carats



131.4 carats

Lulo Diamonds: World Class

- Many large Lulo diamonds have been confirmed as Type 2A gems, which are among the rarest category in the world
- Lulo diamonds also include D colour exceptional whites



Lulo Diamonds: Premium Sale Prices

- First parcel of Lulo diamonds (496.2 carats) sold for \$A3.12 million in July 2013
- Sale price underlines the premium value of Lulo gems
- Lucapa will apply to sell its next parcel of Lulo diamonds when it reaches 500 carats¹

¹ Lucapa diamond inventory = 374.4 carats as at 22 January 2014



Angola – The Right Country for Diamond Discoveries

- Angola is the world's 4th largest producer of diamonds by value
- New era of post-civil war stability and opportunity - huge potential for new discoveries

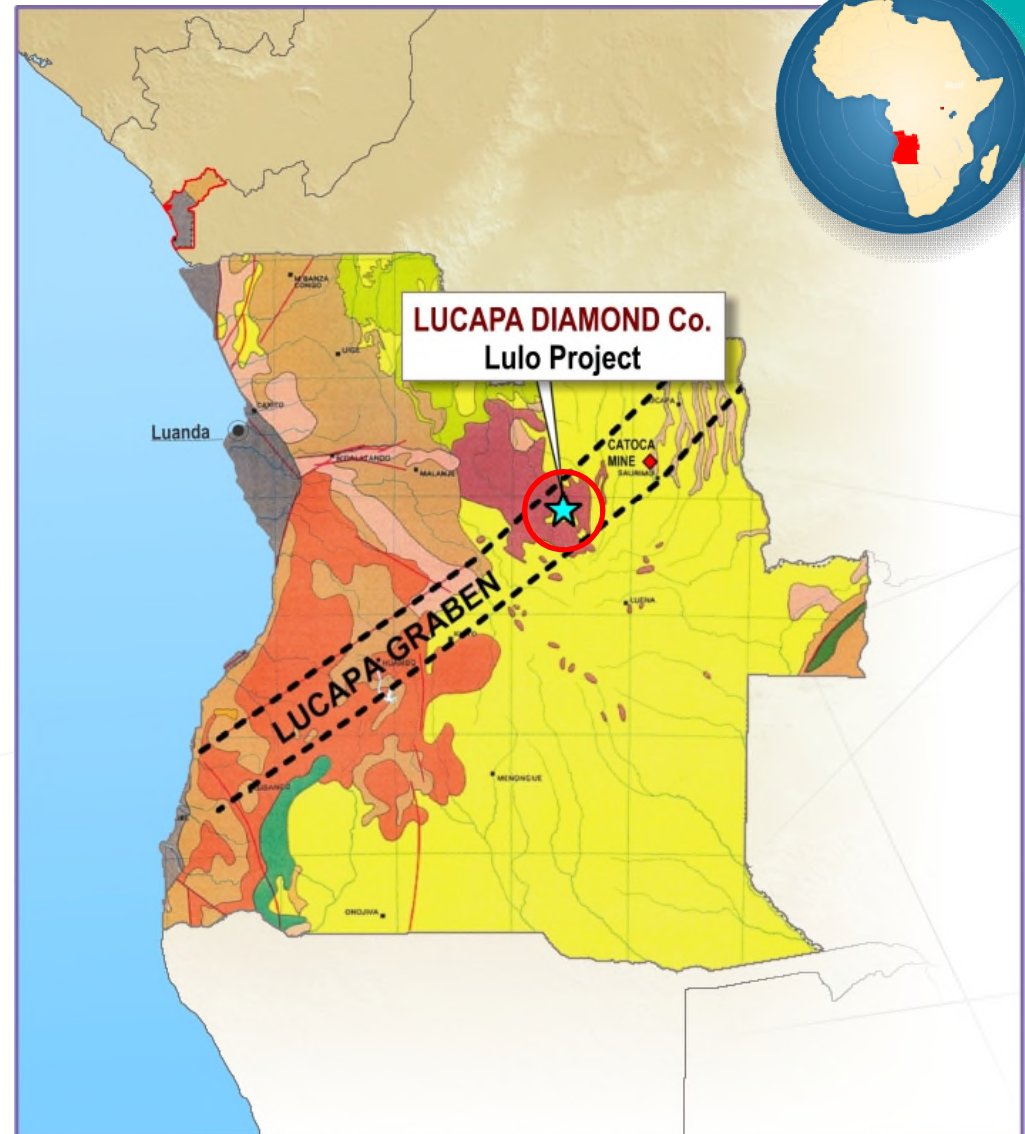
“At this time, we continue to believe that future (diamond) projects likely to influence global production, which investors are able to gain exposure to, are likely to come from new deposits in Angola, Canada, Lesotho and Russia.”

Kieron Hodgson - Commodities & Mining Analyst,
Charles Stanley Securities, London.



Lunda Norte Province: The Right Geological Address

- Lulo sits within Angola's diamond-rich Lunda Norte province
- Located within 150km of the giant Catoca diamond mine
- Lulo sits on the same favourable geological structure as Catoca (Lucapa Graben)



Catoca: The Right Neighbour

- Catoca accounts for ~68% of Angola's diamond production by value and ~6 per cent of world diamond production¹
- Catoca produced 6.7 million carats in 2012 and generated revenues of \$US579 million
- Catoca is operated by the world's biggest diamond miner Alrosa, which recently raised \$US1.3 billion in an IPO
- Alrosa is expanding its diamond exploration activities in Angola



¹ Source: Rapaport, 18 June 2013.

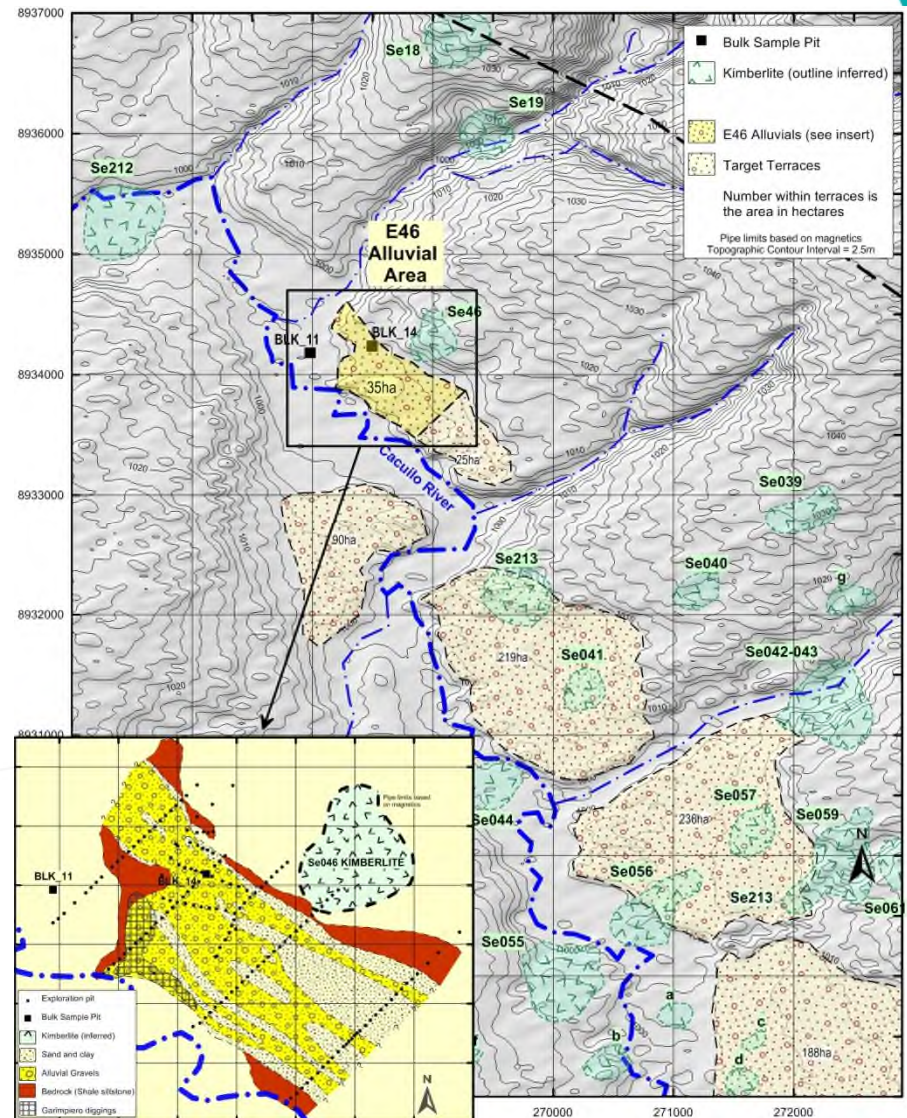
Alluvials: Valuable Diamonds & Clues to the Source

- Lucapa has discovered vast areas of Calonda Formation gravels within the 3,000km² Lulo concession hosting alluvial diamonds of exceptional grade and size
- These alluvials diamonds are helping Lucapa identify the kimberlite pipes at Lulo which are the source of these world-class gems
- High-grade alluvial diamond deposits at Lulo such as E46 have the potential to be developed in their own right



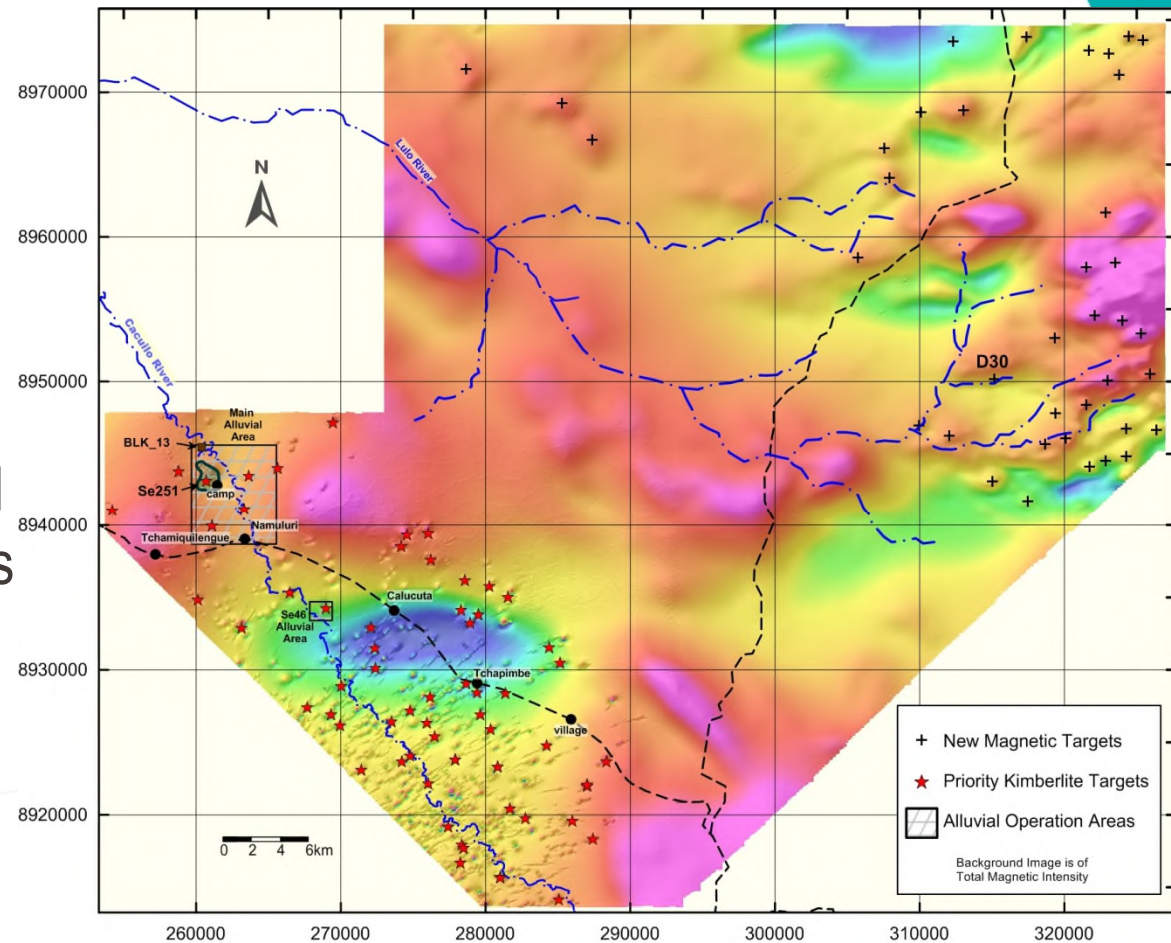
E46 Discovery: Huge Potential

- The recently-discovered E46 alluvial area has produced exceptional diamond grades of up to 27.7 carats per 100m³
- Diamonds recovered from E46 include rare Type 2A gems
- Studies indicate the diamond-rich E46 gravels could extend over hundreds of hectares
- E46 also includes a cluster of priority kimberlite targets, including the diamond-bearing Se19 pipe

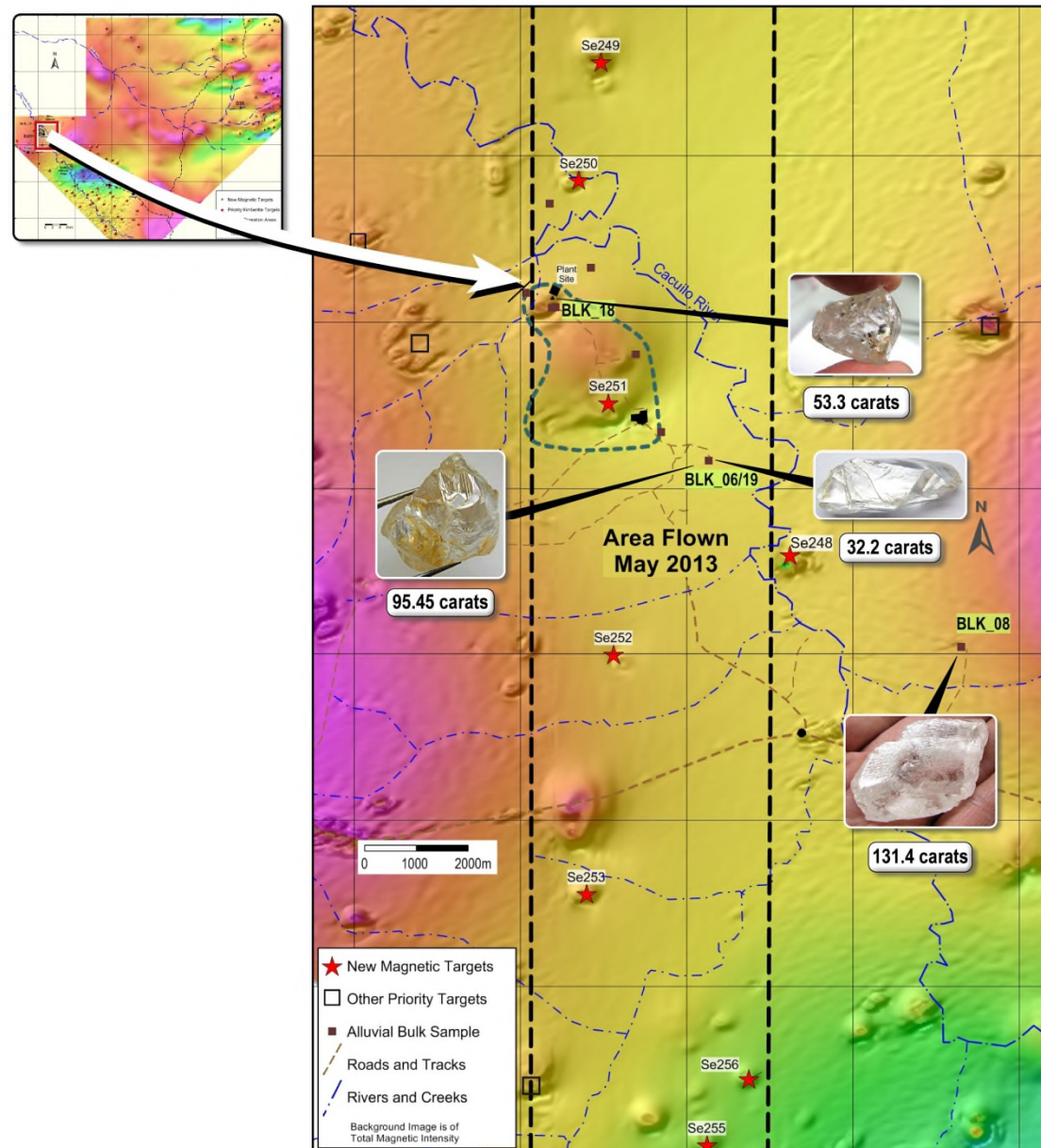


Priority Kimberlite Targets : Finding the Next Catoca

- Aeromagnetic surveys flown by Lucapa in 2008 and 2013 have identified >250 kimberlite targets within the Lulo concession
- Testing to date has classified ~70 as confirmed or probable kimberlite pipes
- 60 kimberlite targets selected for priority testing, based on size and limited or no sand cover

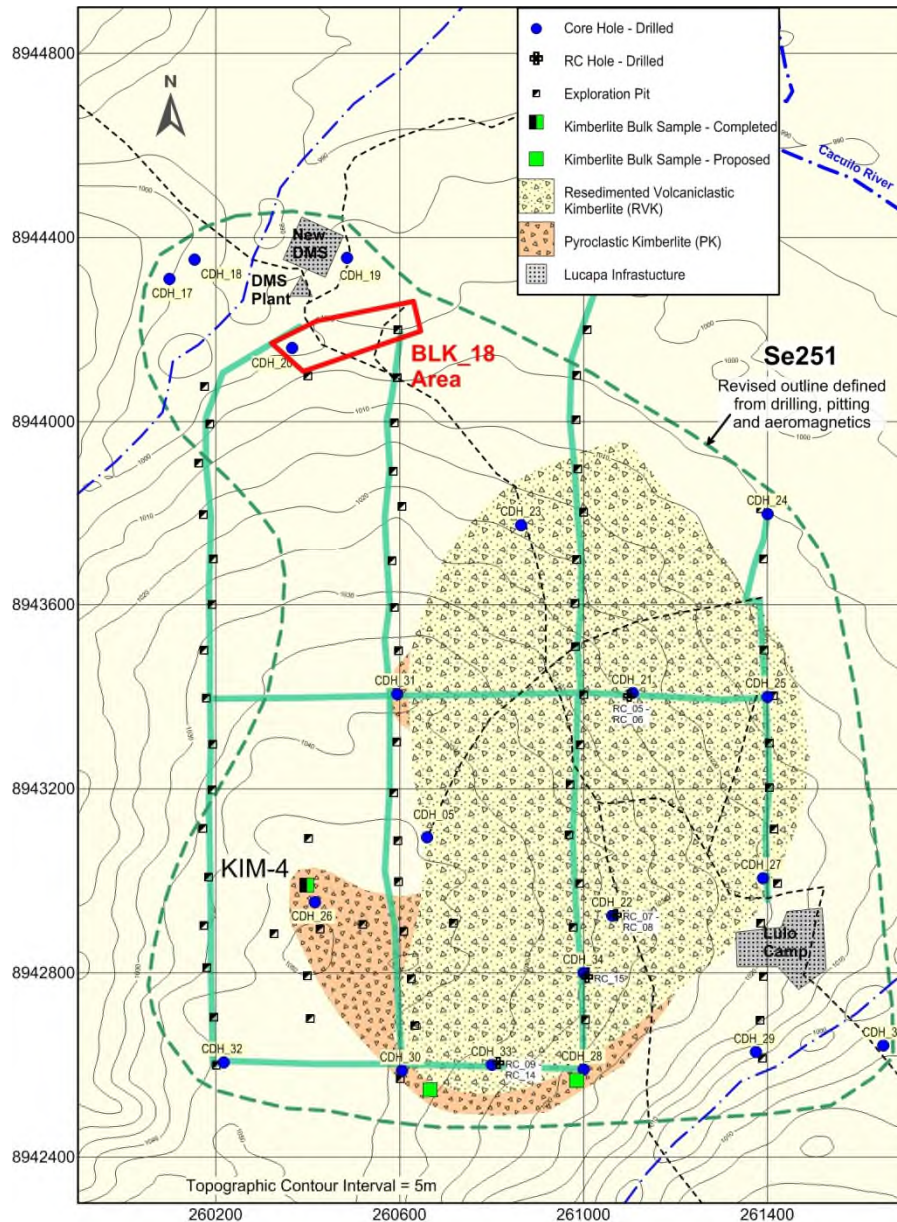


Priority Kimberlite Targets: Finding the next Catoca



- 2013 aeromagnetic survey included a 70km² strip which could not be flown in 2008 due to Garimpeiro activity
- The survey results revealed 8 new kimberlite targets in this strip, including the huge Se251 pipe
- These pipes are in the same area where Lucapa is recovering world-class alluvial diamonds of up to 131.4 carats

Se251: A 220ha Kimberlite Pipe



- At 220ha, the Se251 pipe is the biggest kimberlite discovered at Lulo
- All 19 core holes drilled at Se251 have intersected kimberlitic material
- Lucapa considers Se251 a likely source of the large alluvial diamonds found above and around this pipe
- Lucapa will excavate coarse pyroclastic kimberlite material from Se251 to process through the new DMS diamond plant

Kimberlite Drilling and Sampling

- Priority kimberlite targets being tested using a specialist Prakla rig
- Prakla rig can drill narrow holes to confirm the presence of kimberlite and wide-diameter holes to extract bulk samples for processing



New DMS Diamond Plant – Scaling Up

- New Dense Media Separation diamond plant commissioned at Lulo in November 2013
- New plant has operated well above its nameplate 50tph capacity
- This has enabled Lucapa to scale up its diamond operations



Earthmoving Equipment – All in Place

- Lucapa also owns its own on-site fleet of Caterpillar earthmoving equipment



Lulo: Alluvial and Kimberlite Diamond Rights

- Lulo is a JV with Endiama, Angola's national diamond company, covering both alluvials and kimberlites
- Lucapa is the manager and operator of the JV
- Lucapa has a 40% interest in alluvial JV and 39% of kimberlites¹
- Lucapa to recoup all exploration and development expenditure in full from diamond sales before revenues are divided amongst JV partners
- Application to extend kimberlite licence for 2 years until June 2015 being processed
- Potential exists for Lucapa to increase % holding in Lulo
- Lucapa has negotiated to sell Lulo diamonds in 500 carat parcels without a mining licence



¹Lucapa's interest will reduce to 30% and Rosas & Pétalas' interest will increase to 19% after Lucapa recovers its total expenditure

Why Lucapa is Set to Sparkle in 2014

- Lulo is an exciting new diamond province with a major kimberlite field and extensive diamond-rich alluvial gravels
- Lulo has produced large world-class Type 2A diamonds of up to 131.4 carats. \$A3.12m sale of first parcel of diamonds has confirmed the premium value of Lulo gems
- The E46 area discovered at Lulo could be a major diamond field in its own right. Lucapa's geologists believe the diamond-rich gravels at E46 could extend for hundreds of hectares. Cluster of kimberlite targets in this area also represent exploration priorities for Lucapa
- Lucapa is closing in on the kimberlite pipes at Lulo which are shedding these large alluvial diamonds. Testing of priority kimberlite targets to continue throughout 2014



Competent Person's & Forward-Looking Statements

Competent Person's Statement

- Information in this presentation that relates to exploration results, mineral resources or ore reserves is based on information compiled by David Jones BSc (Hons) MSc of Ascidian Prospecting Pty Ltd, who is a Corporate Member of the Australasian Institute of Mining and Metallurgy. Mr Jones is a director of Lucapa Diamond Company. Mr Jones 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 Exploration Results, Mineral Resources and Ore Reserves. Mr Jones consents to the inclusion in the presentation of the matters based on this information in the form and context in which it appears. Some of the information contained in this presentation that relates to exploration results was prepared and first disclosed under the JORC Code 2004. It has not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.


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