

### **POZ** Minerals Limited

Investor Presentation
June 2018

# Blina Diamond Project Kimberley, Western Australia



ASX Code: POZ

www.pozminerals.com.au





# POZ Mineral Limited (ASX Code – POZ)

#### **Board Of Directors**



Executive Chairman Jim Richards



Non-Executive
Director & Company
Secretary
Grant Mooney



**Non-Executive Director**Mark Thompson

Total Shares on Issue	179,079,445
Market Capitalisation (undiluted at \$0.08 per share)	\$14 M
Cash on Hand (31 March 2018)	\$2.4 M

Major Shareholders	Shares	% of Capital
Jim Richards	35,016,401	19.7
Other Directors	14,540,555	8.1
Sir Ron Brierley	12,284,544	7.2
Kesli Chemicals Pty Ltd	12,144,941	6.9

#### **Share Price History 12 Months**





# **Peer Comparison**

Market capitalisation shows POZ as undervalued within peer group

Company	Stock Exchange & Code	Diamond Operations	Location	Market Cap A\$ million
Lucapa Diamond Company	ASX: LOM	Mining/Development	Angola/Lesotho	117
Newfield Resources Limited	ASX: NWF	Bulk Sampling	Sierra Leone	110
Kennady Diamonds Inc.	TSX-V: KDI	Resource Definition	Canada	161
Blina Diamonds NL (2006)	ASX: BDI	Bulk Sampling/Trial Mining	Western Australia	125
POZ Minerals Limited	ASX: POZ	Bulk Sampling/Trial Mining	Western Australia	14

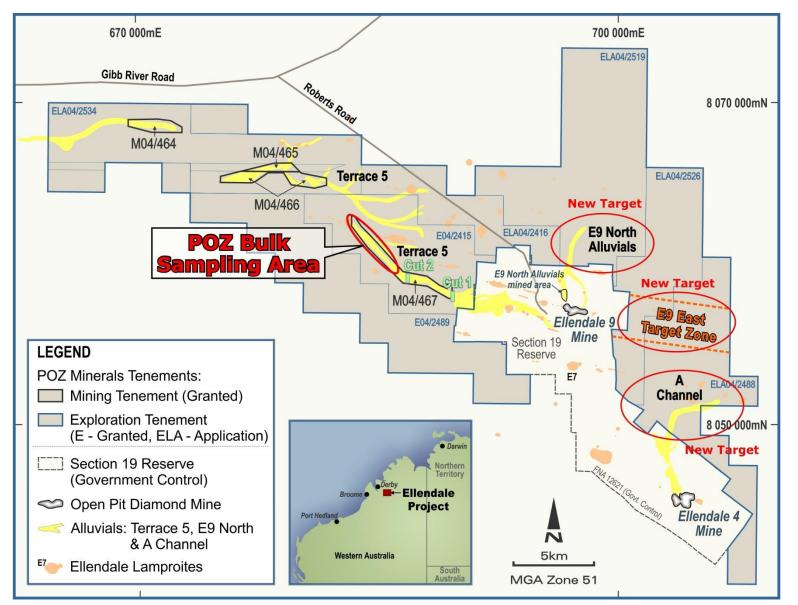
#### **POZ Blina Diamond Project – Key Points**

- Blina project previously held by Blina Diamonds NL (compare in table above)
- 100% POZ
- Shallow alluvials (2-8 metres deep)
- New GPR bedrock mapping technology
- Historic grades outside the new target areas from 4.0 cphm<sup>3</sup> to 10.5cphm<sup>3</sup>
- Treatment plant operating and diamond recovery in Q3 2018



# **Blina Diamond Project, WA: Location**

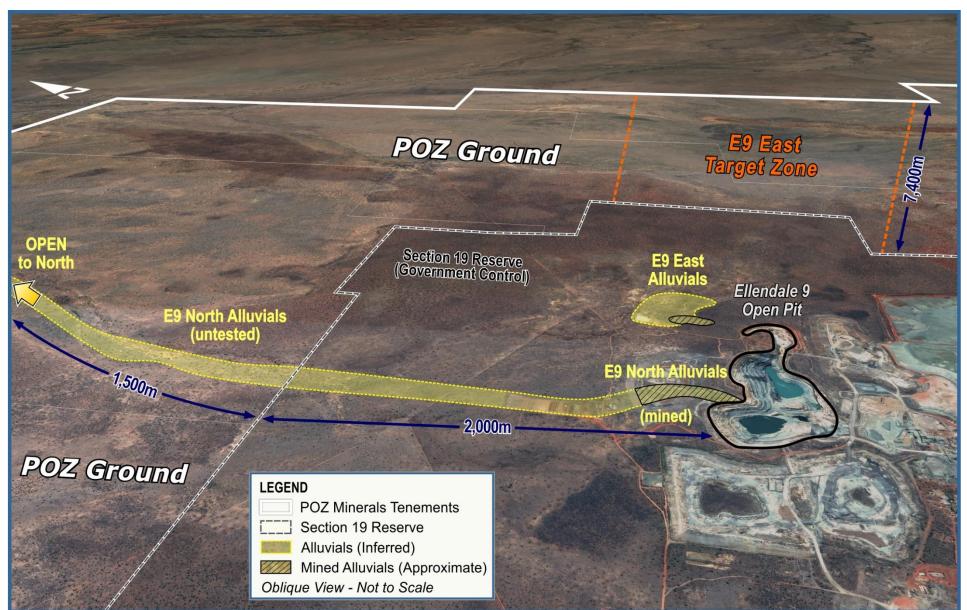
Excellent access,120km west of Derby, WA.



- Total of 446km<sup>2</sup> of POZ ground
- Excellent logistics & access
- Previous diamond production from Terrace 5
- Surrounds the former
   Ellendale 9
   diamond mine
- Granted mining leases

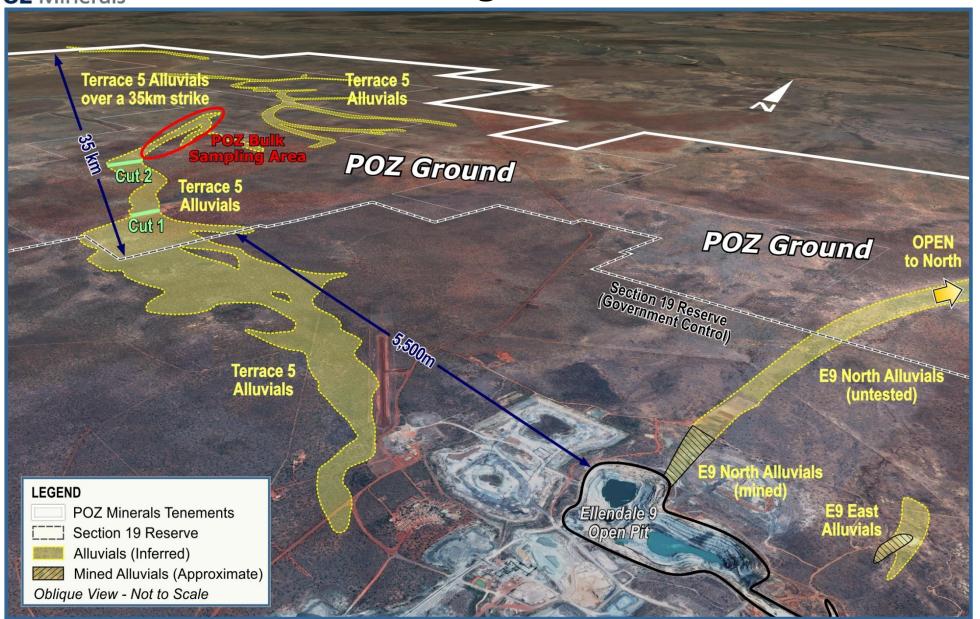


## Targets North and East of the E9 Mine Area





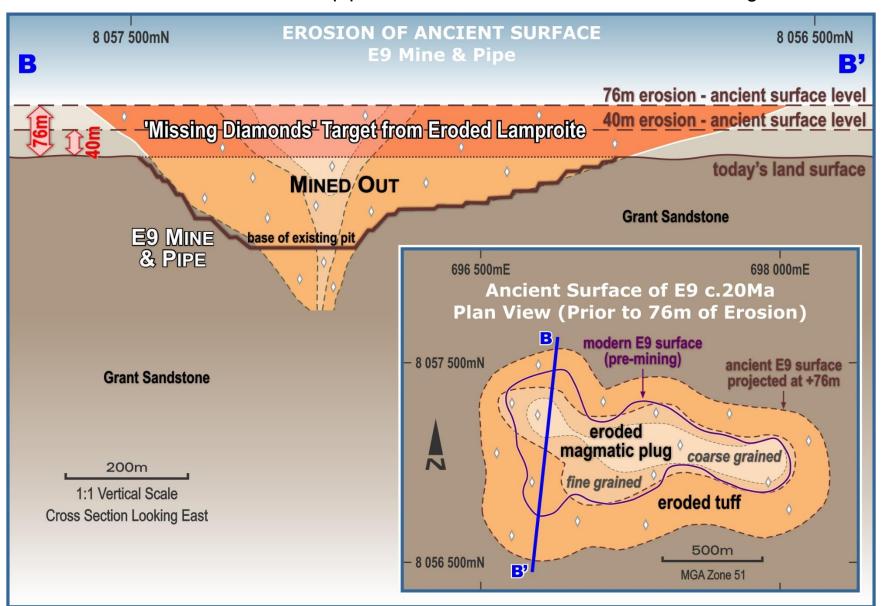
## **Terrace 5 Target West of the E9 Mine Area**





## 'Missing Diamonds' of Ellendale

Erosion of the E9 pipe has liberated diamonds into surrounding alluvial channels





# **Terrace 5 Alluvials - JORC Exploration Target**

# The JORC Exploration Target of 'Missing E9 Diamonds' in **Terrace 5 'High Grade'** trap sites:

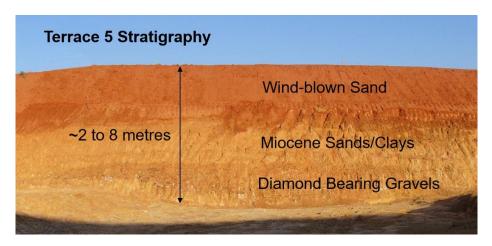
Volume	Volume Gravels		Grade		amonds
(m	13)	(carats per cubic metre)		(million carats)	
From	То	From	То	From	То
700,000	1,000,000	2.3	4.1	1.6	4.1

The potential quantity and grade of this Exploration Target 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.

For further details refer to POZ ASX Release dated 22 Nov 2017



## **Previous Work: Trial Mining of Terrace 5**



Terrace 5 diamonds are in the basal gravels



- Trial mining in 2005/06 (outside of new 'High Grade' target areas) produced 1,432 carats from 40,613 cubic metres at a grade of 3.53 carats per hundred cubic metres (cphm³)
- Previous bulk sampling and trial mining covered only 0.5% of Terrace 5
- High grade trap sites might cover just 3% of Terrace 5; giving previous explorers only a 0.15% chance of finding one of these bonanza targets



#### **Blina Terrace 5 Diamond Valuation**



Terrace 5 diamonds. All stones are heavier than two carats.

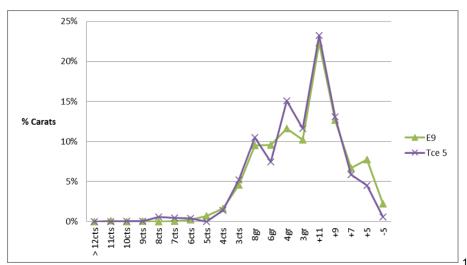


This 8.43 carat Fancy Yellow diamond from Terrace 5 has an estimated value of US\$44,482 (US\$5,277 per carat)

A recent independent valuation of a 1,497 carat parcel of diamonds from Terrace 5 stated:

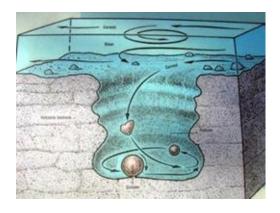
- The overall parcel valuation was **US\$389 per carat** (A\$505 per carat)
- The Fancy Yellow component was valued at US\$3,391 per carat (A\$4,403 per carat)

Diamond size: E9 vs Terrace 5



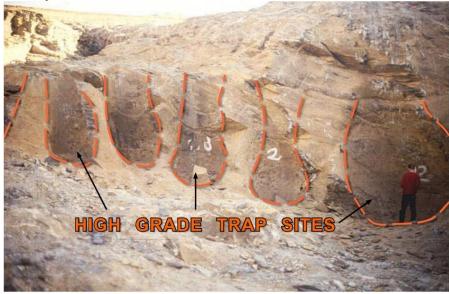


# The Target: High Grade Diamond Trap Sites



How potholes concentrate diamonds

Auchas Diamond Mine, Namibia: Pothole sequence



Target gravels in a pothole



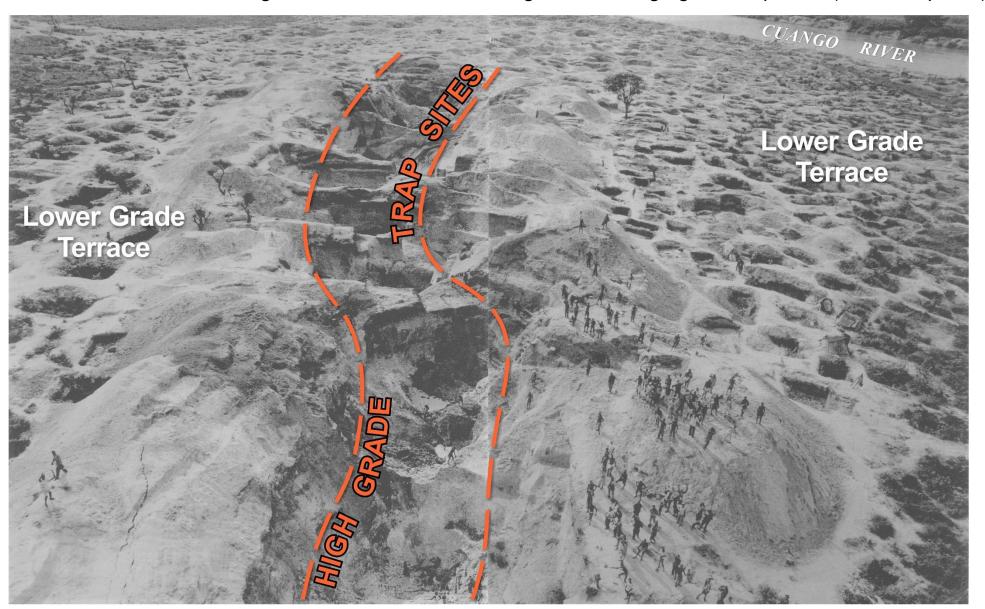
Jim Richards, mining diamonds from potholes in Guyana, 1991





# The Target: High Grade Diamond Trap Sites

Cuango River Diamond Rush, Angola, 1992. High grade trap sites (centre of photo)





# New Technology Ground Penetrating Radar (GPR) Targets High Grade Trap Sites

2002

Old GPR Technology: Previous Blina Survey

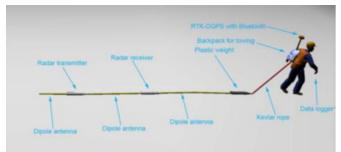




2017

New GPR Technology: POZ Minerals Survey





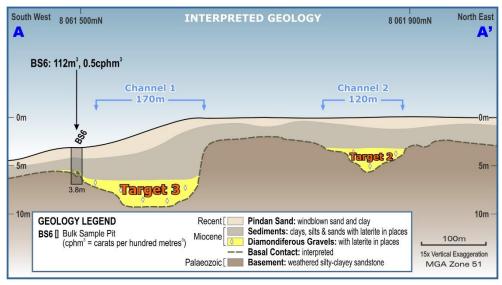
Target 3

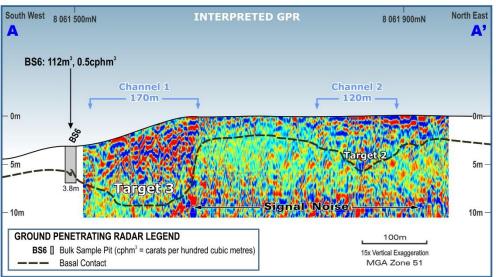
- Compare GPR last used at Blina in 2002 with latest POZ GPR survey data in 2017
- New rapid GPR data acquisition rates fixes previous signal to noise ratio problems
- Models prospective bedrockcover contact
- Indicates untested alluvial trap sites with potential to host bonanza grade diamond deposits
- Fast and inexpensive
- Correlates with historic pitting and exploration data



## Untested 'High Grade' Targets 2, 3 &4

May 2018: Target 2 was auger drilled and returned these highly prospective gravels from 5 to 7 metres



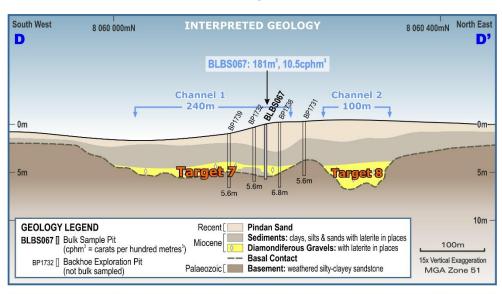


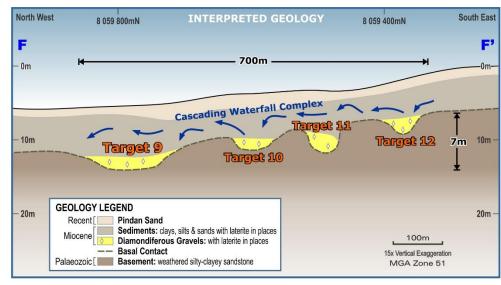


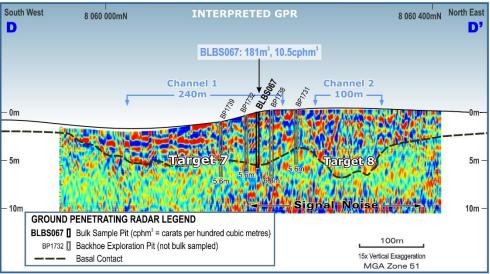


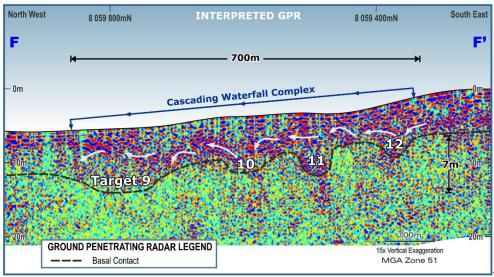
# **Untested High Grade Targets 5, 7 & 8**

Previously sampled grades of up to 10.5 cphm<sup>3</sup> lie close to POZ untested 'High Grade Targets'





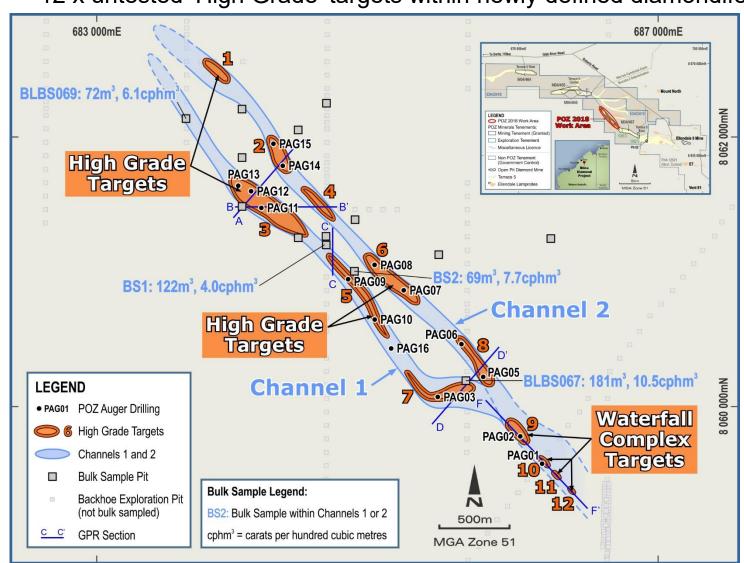






# 12 x New 'High Grade' Trap Site Targets

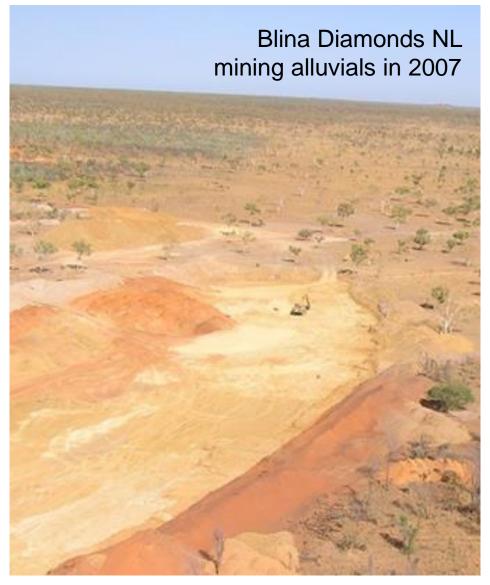
12 x untested 'High Grade' targets within newly defined diamondiferous channels 1 & 2



- Four bulk samples from the 'Low Grade' channels returned 4.1 to 10.5 cphm<sup>3</sup>
- POZ 'High Grade' Exploration Target is 2.3 to 4.1 cpm<sup>3</sup> (i.e. ~50x the previous sampled grade of Channels 1 & 2)



# Alluvial Bulk Sampling and Mining Shallow & Simple



- Targets gravels only 2 to 8 metres deep
- Phase 1: trenching bulk sampling
- Phase 2: mining of best grades





# POZ Diamond Recovery Plant Trommel, Screens, and Diamond Sortex





Diamond Sortex Machines, E9 mine: 2 x acquired by POZ

Trommel acquired by POZ

Blina Diamonds NL recovery plant in 2006 (~30m³ per hour) treating Terrace 5 material - same trommel has been purchased by POZ



### **Project Milestones**

Diamond Recovery to commence in 2018

#### **Achievements So Far**

- ✓ Historic mining Agreement with Bunuba Group
- ✓ Grant of four Mining Tenements and two Miscellaneous Licenses
- ✓ Fauna and flora survey report completed
- ✓ Tailings Storage Facility (TSF) permitting report completed
- ✓ Additional GPR survey for better alluvial trapsite target resolution
- ✓ Heritage clearance survey with Traditional Owners
- ✓ Q2&3: purchase of major plant equipment and configure ongoing
- ✓ May: auger drilling of target gravels

#### **Operational Goals to December 2018**

- Q3: Commence bulk sampling operations of priority targets
- Q3&4: Commission plant, commence diamond recovery
- Q4: Continue follow-up testing of best grades





On-site road access clearing works has already commenced



Terrace 5 alluvial mining





ASX Code: POZ

### **POZ** Minerals Limited

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The information in this presentation that relates to Exploration Results, Exploration Targets, Mineral Resources or Ore Reserves is based on information compiled by Mr Jim Richards who is a Member of The Australasian Institute of Mining and Metallurgy. Mr Richards is a Director of POZ. Mr Richards has sufficient experience which is relevant to the style of mineralisation and type of deposit under consideration and to the activity he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the Australasian Code for Reporting of Exploration Results, Exploration Targets, Mineral Resources and Ore Reserves. Mr Richards has consented to the inclusion in this presentation of the matters based on information in the form and context in which it appears.

The Company is not aware of any new information or data that materially affects the information included in the previous announcement (JORC 2012) have not materially changed.