



**POZ Minerals**

Australia's Next Diamond Producer



ASX Code: POZ

[www.pozminerals.com.au](http://www.pozminerals.com.au)

**POZ Minerals Limited**

RIU Sydney Resources Round-up  
Investor Presentation  
May 2018

# **Blina Diamond Project Kimberley, Western Australia**



# 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

<b>Total Shares on Issue</b>	<b>179,079,445</b>
Market Capitalisation (undiluted at \$0.09 per share)	\$16 M
Cash on Hand (31 March 2018)	\$2.4 M

<b>Major Shareholders</b>	<b>Shares</b>	<b>% of Capital</b>
Jim Richards	35,016,401	19.7
Other Directors	14,540,555	8.1
Sir Ron Brierley	13,284,544	7.4
Kesli Chemicals Pty Ltd	12,264,941	6.9

## Share Price History 12 Months



Market capitalisation shows POZ as undervalued within peer group

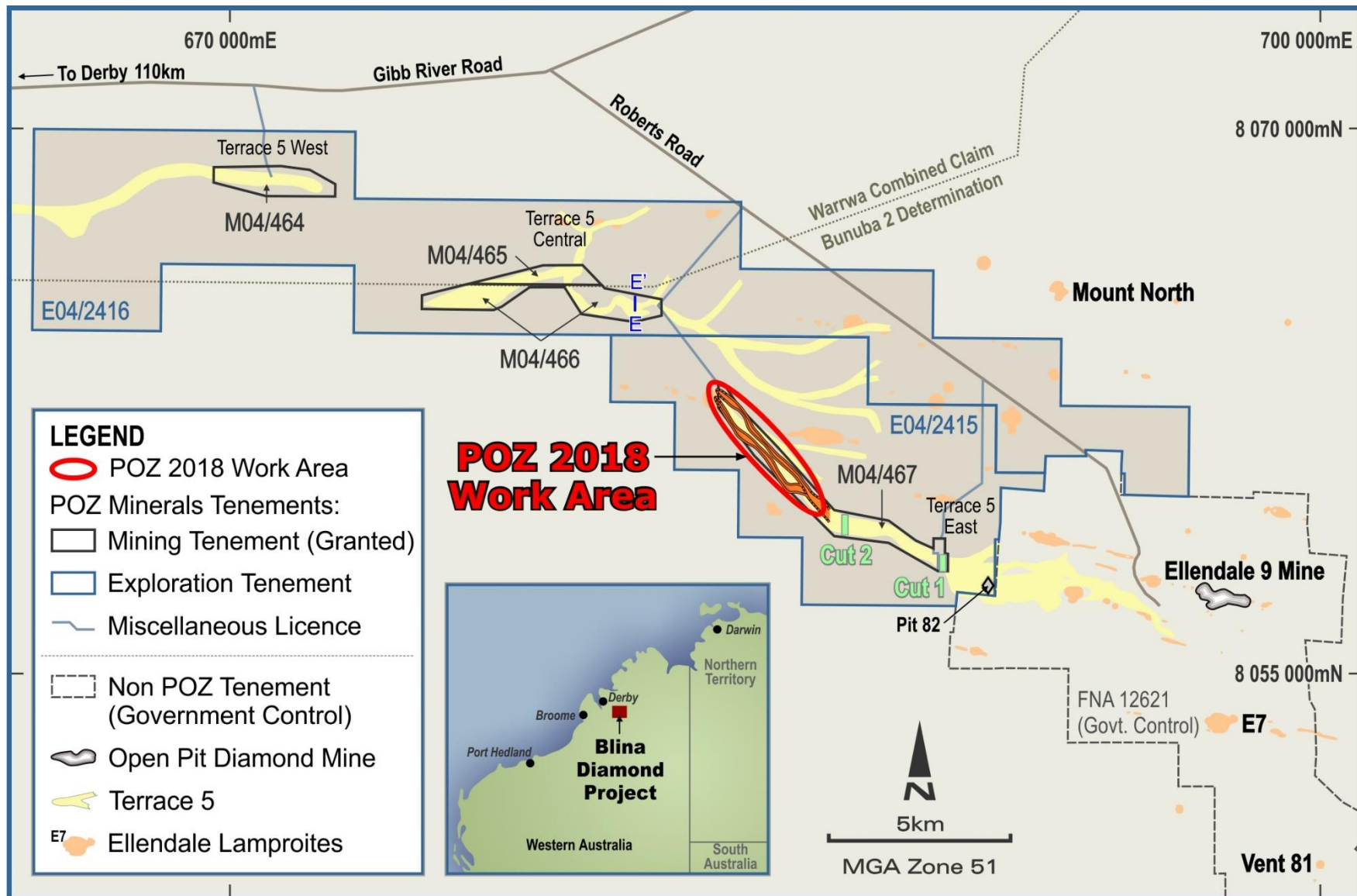
Company	Stock Exchange & Code	Diamond Operations	Location	Market Cap A\$ million
Lucapa Diamond Company	ASX: LOM	Mining/Development	Angola/Lesotho	112
Newfield Resources Limited	ASX: NWF	Bulk Sampling	Sierra Leone	66
Kennady Diamonds Inc.	TSX-V: KDI	Resource Definition	Canada	146
Blina Diamonds NL (2006)	ASX: BDI	Bulk Sampling/Trial Mining	Western Australia	125
<b>POZ Minerals Limited</b>	<b>ASX: POZ</b>	<b>Bulk Sampling/Trial Mining</b>	<b>Western Australia</b>	<b>16</b>

## 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>
- Bulk sampling to commence June 2018

# Blina Diamond Project, WA: Location

Excellent access, 120km west of Derby, WA. Gibb River Road sealed nearly all the way to project turn-off, then good laterite road to project camp site





# [Blina Site Video Update Link \(12 Feb Video\)](#)

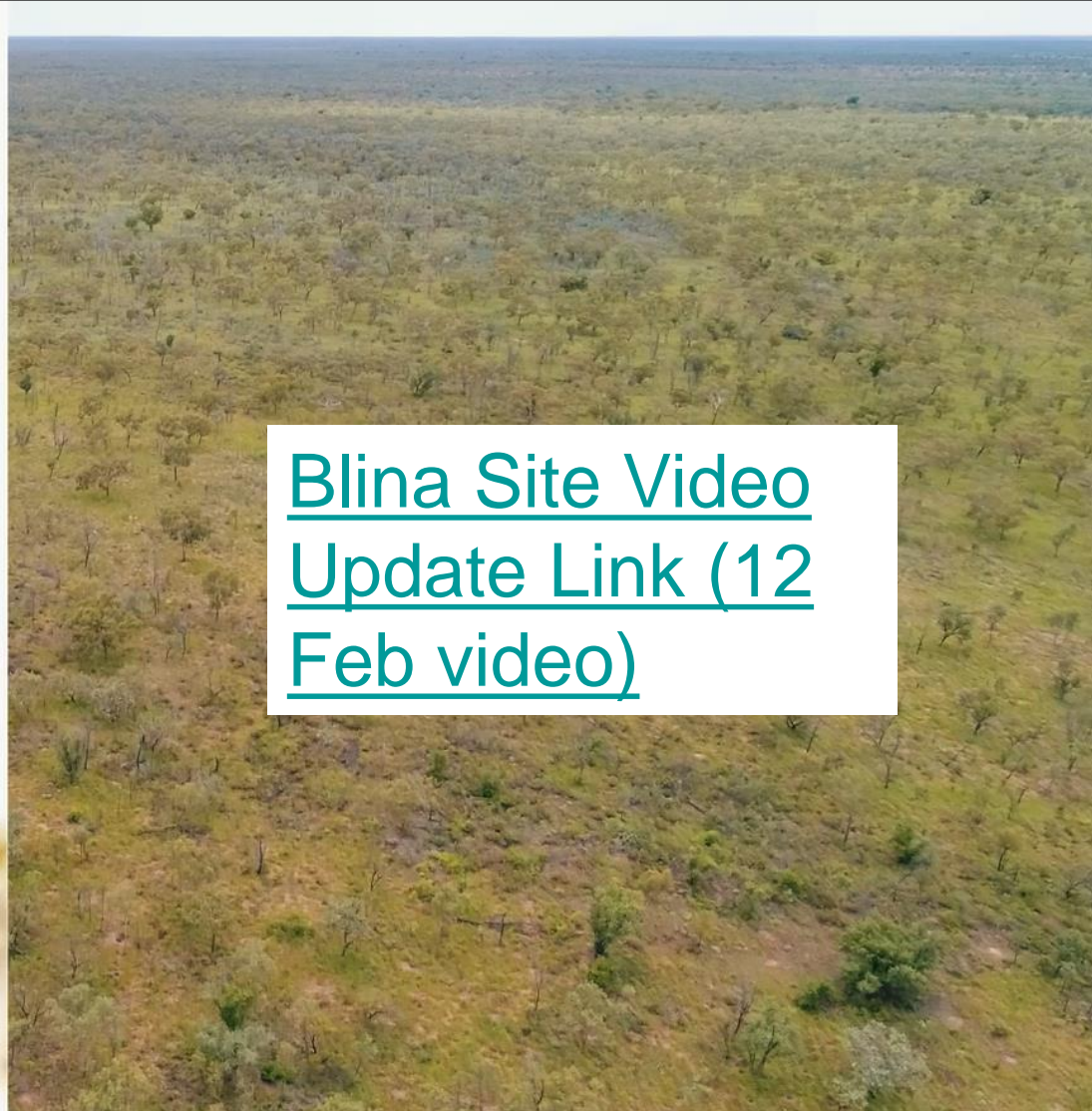


**POZ Minerals**

ASX: POZ

**Blina Diamond Project**  
Kimberley, Western Australia

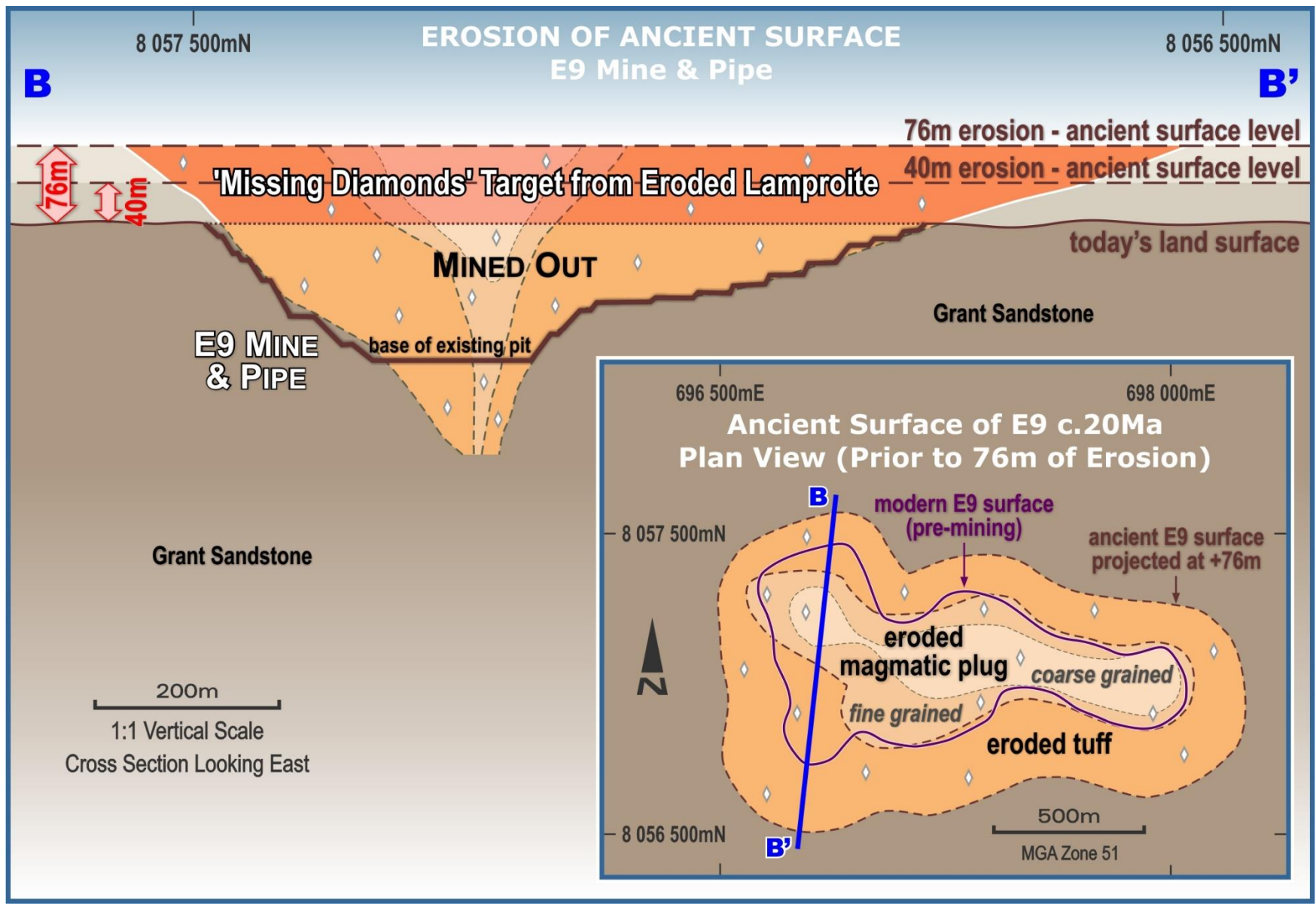
[pozminerals.com.au](http://pozminerals.com.au)



[Blina Site Video](#)  
[Update Link \(12](#)  
[Feb video\)](#)

# '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 Gravels		Grade		Total Diamonds	
(m3)		(carats per cubic metre)		(million carats)	
From	To	From	To	From	To
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.*

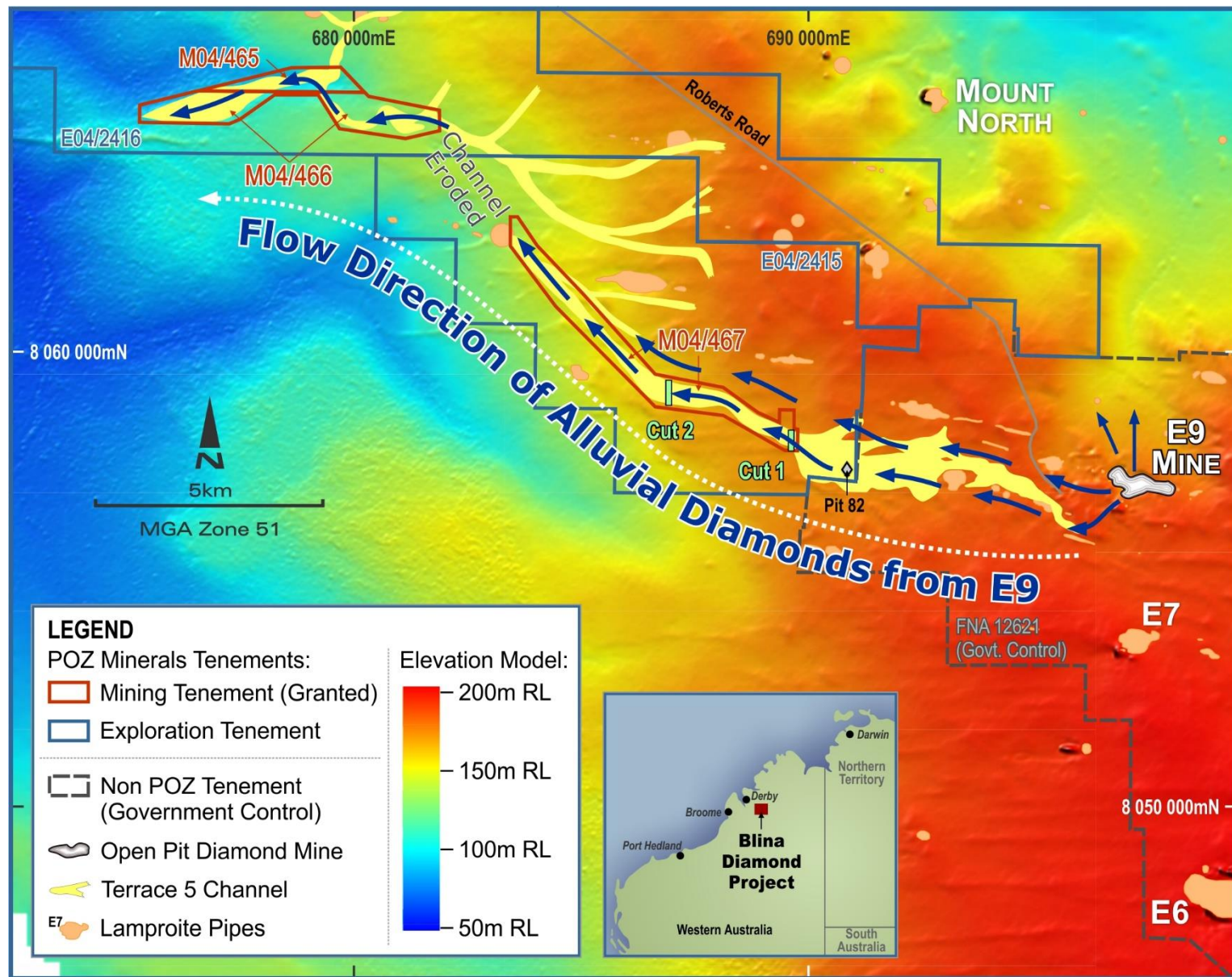
For further details refer to POZ [ASX Release](#) dated 22 Nov 2017



# Terrace 5 Diamond Source – Eroded E9 Pipe

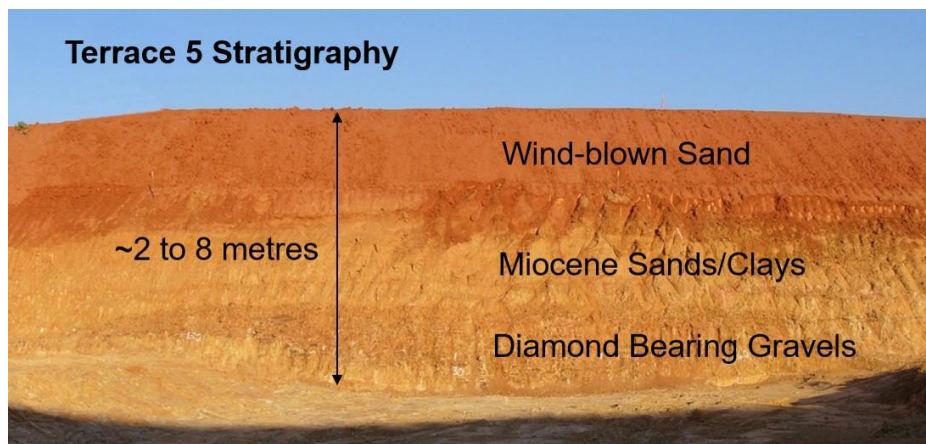
Main flow of E9 liberated diamonds has been into the Terrace 5 alluvials

Elevation  
Model: Current  
Land Surface  
RL





# 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 (cphm<sup>3</sup>)
- 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.

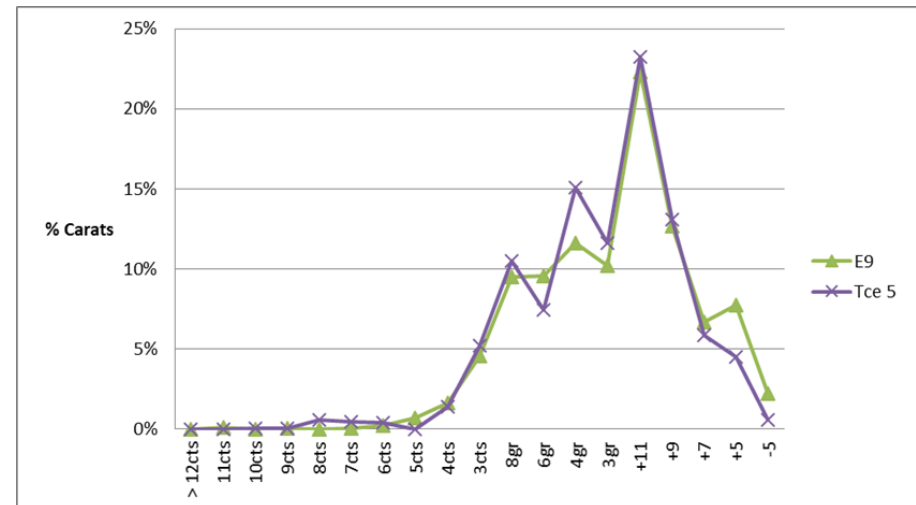


This 8.43 carat Fancy Yellow diamond from Terrace 5 has an estimated value of US\$44,482 (US\$5,277 per carat)

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

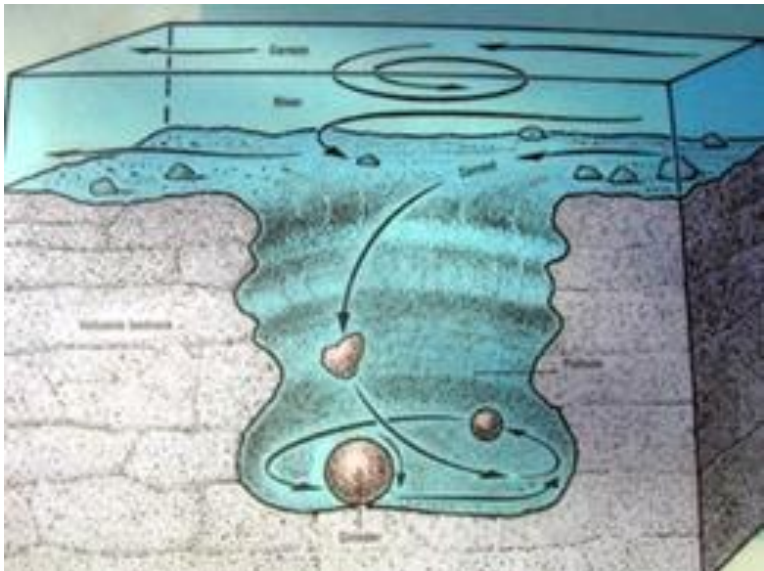
- The overall parcel valuation was **US\$389 per carat** (A\$505 per carat)
- The Fancy Yellow component was valued at **US\$3,391 per carat** (A\$4,403 per carat)

Diamond size: E9 vs Terrace 5

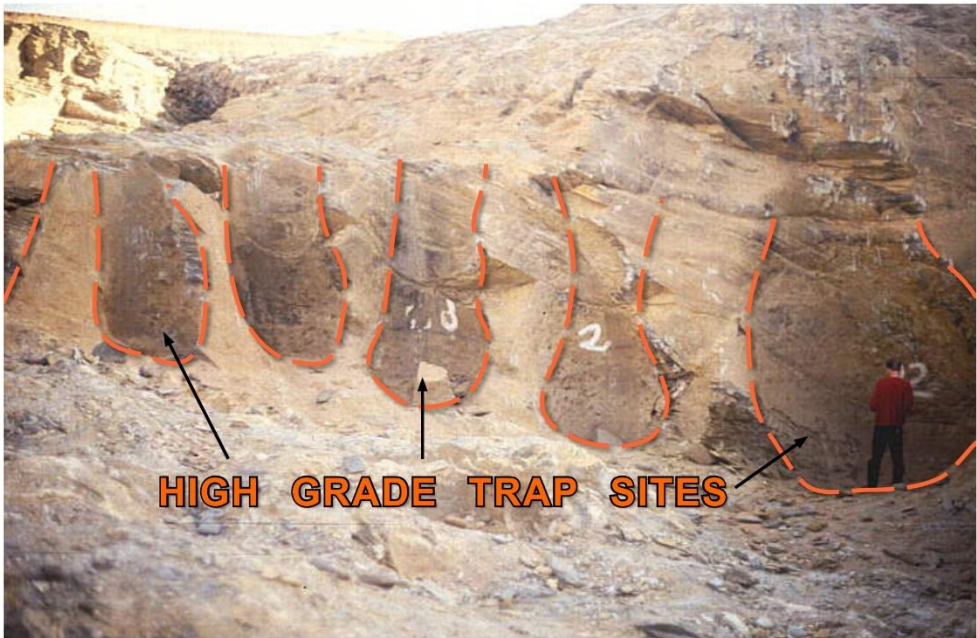




# The Target: High Grade Diamond Trap Sites



How potholes concentrate diamonds

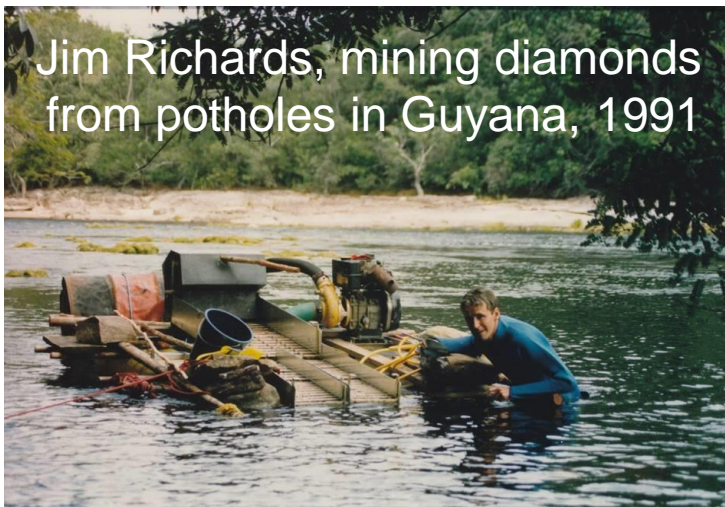


Auchas Diamond Mine, Namibia: Pothole sequence

Boulder field trap site



Target gravels in a pothole

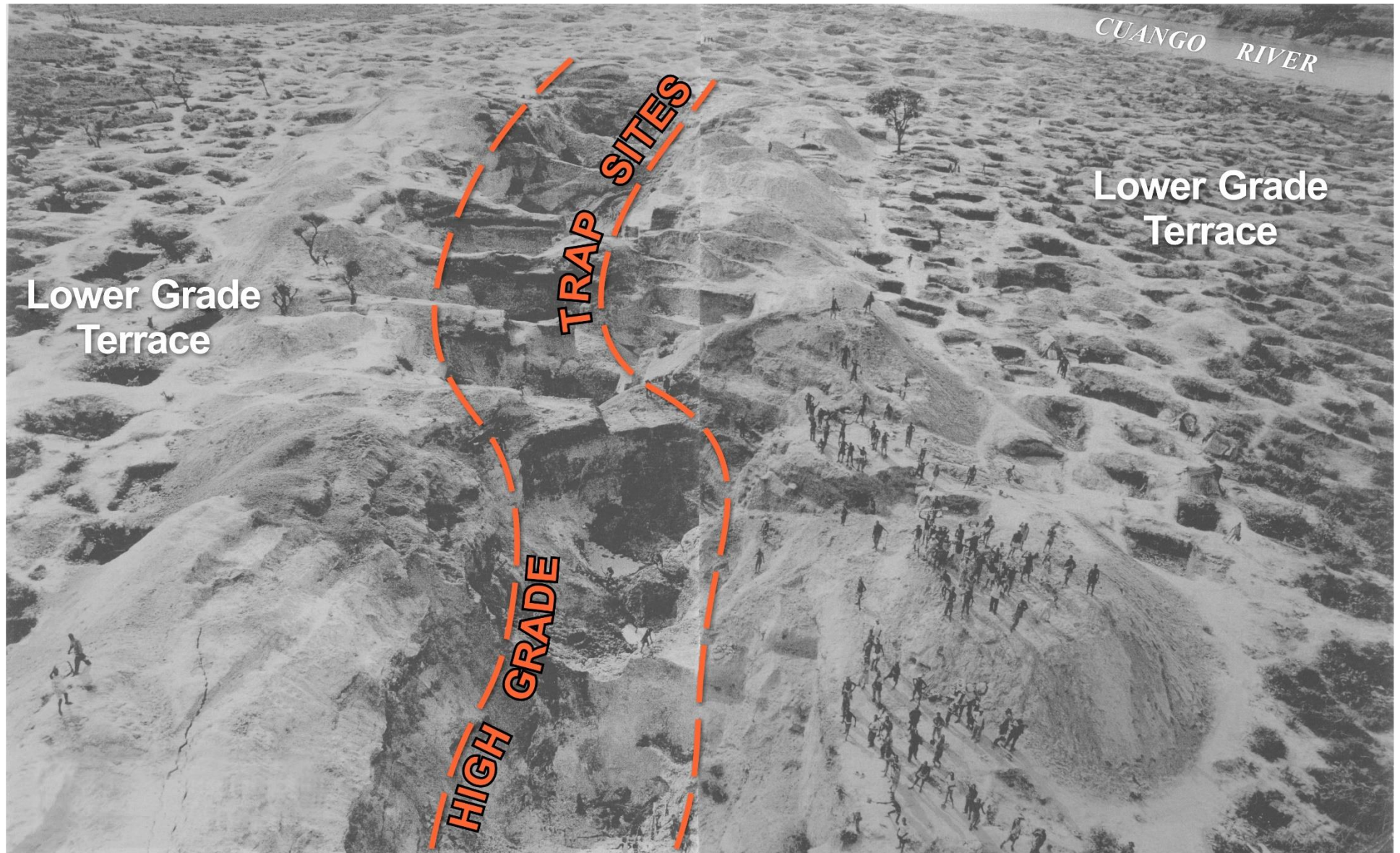


Jim Richards, mining diamonds from potholes in Guyana, 1991



# 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

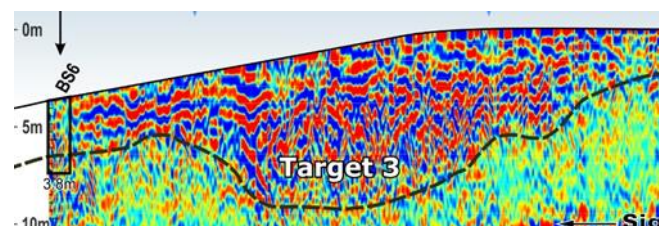
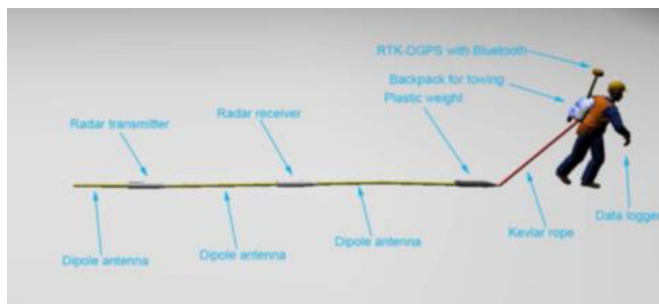
**2002**

Old GPR Technology:  
Previous Blina Survey



**2017**

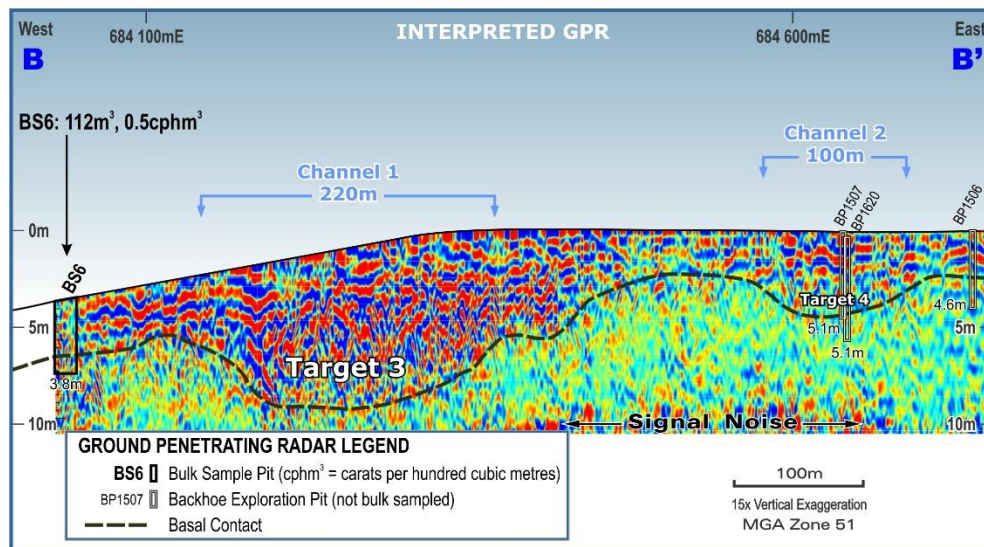
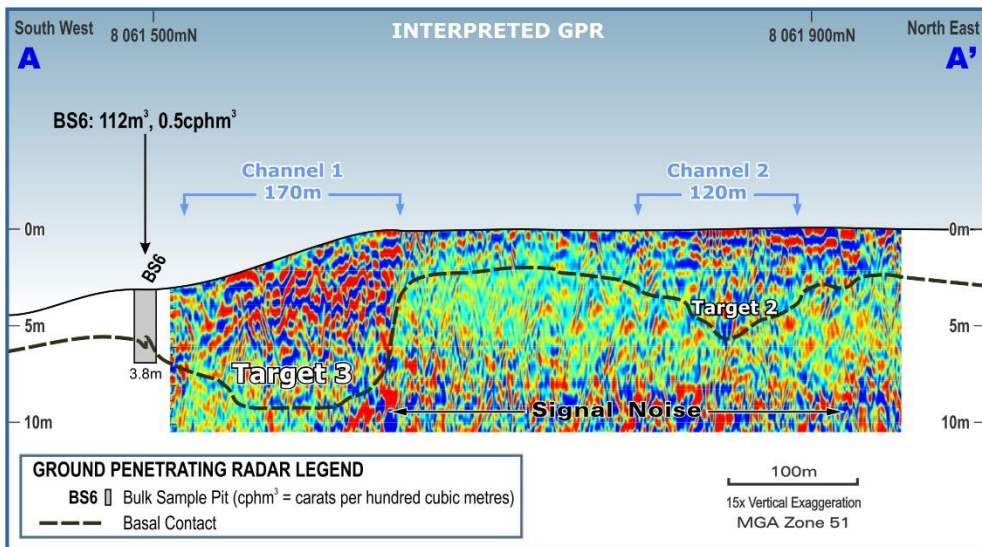
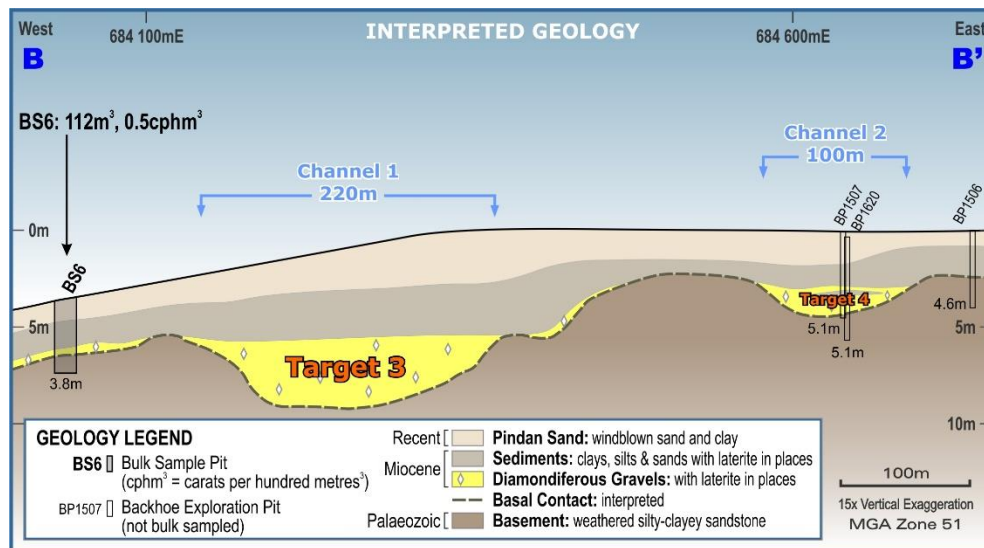
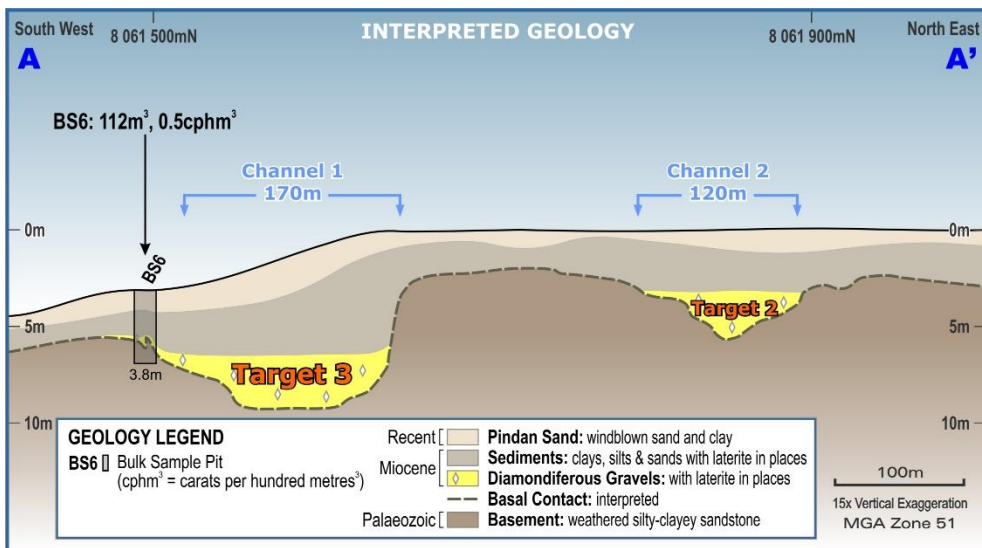
New GPR Technology:  
POZ Minerals Survey



- 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 bedrock-cover 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

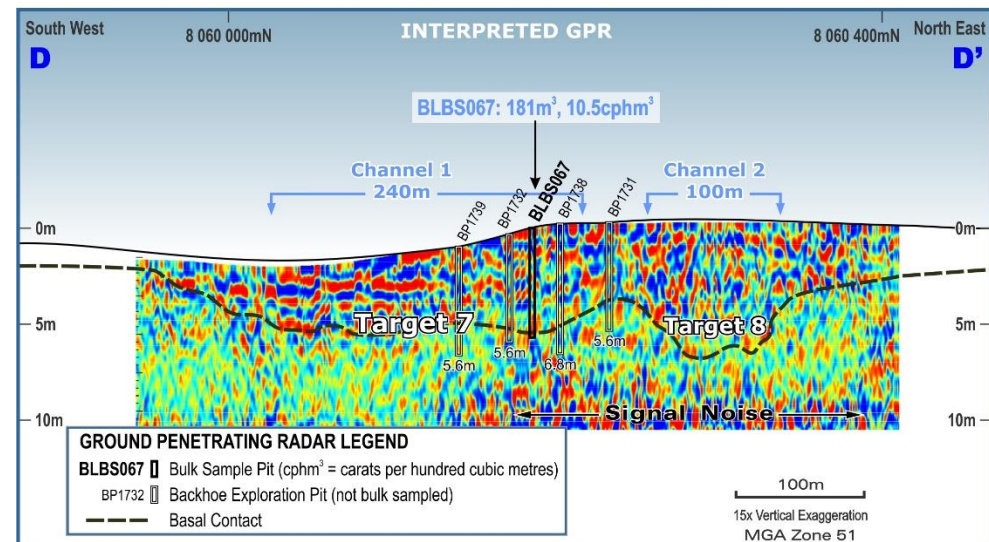
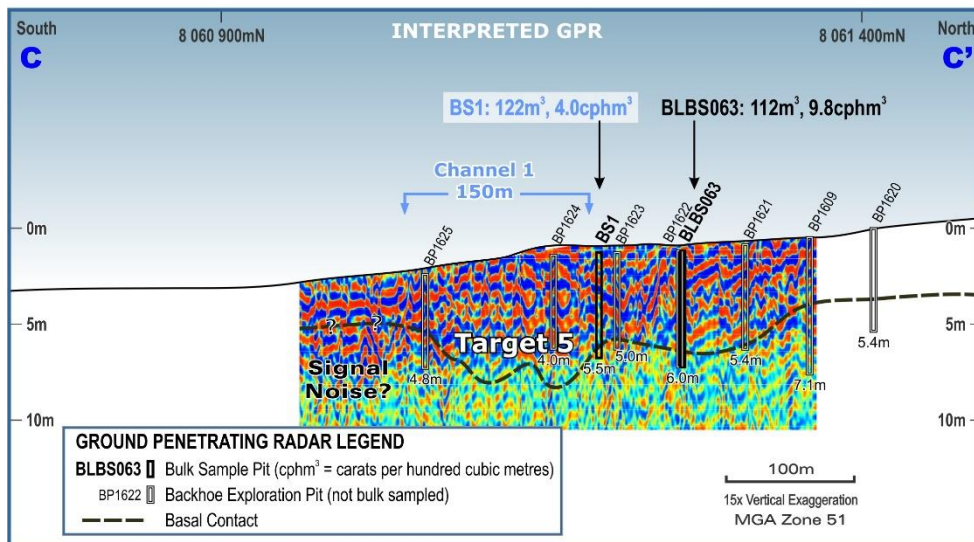
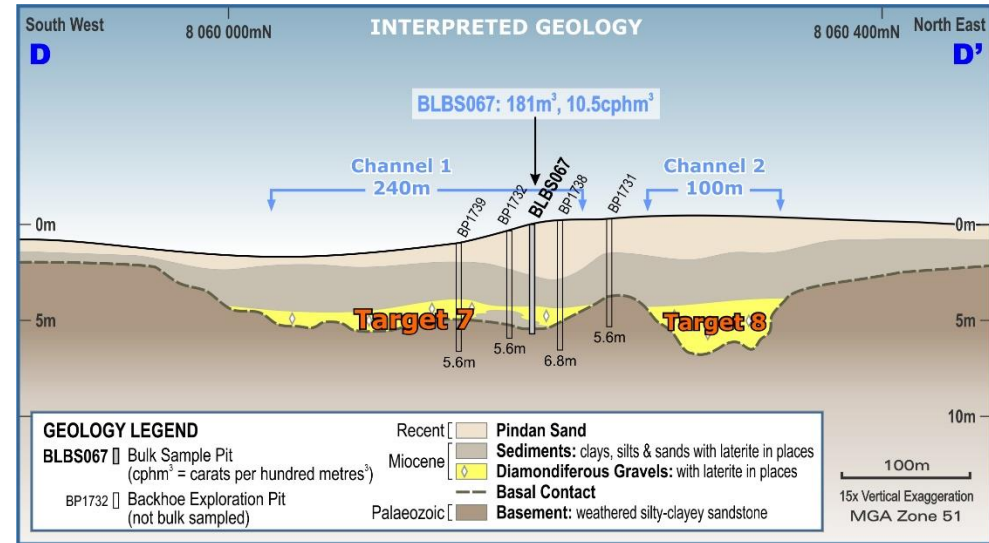
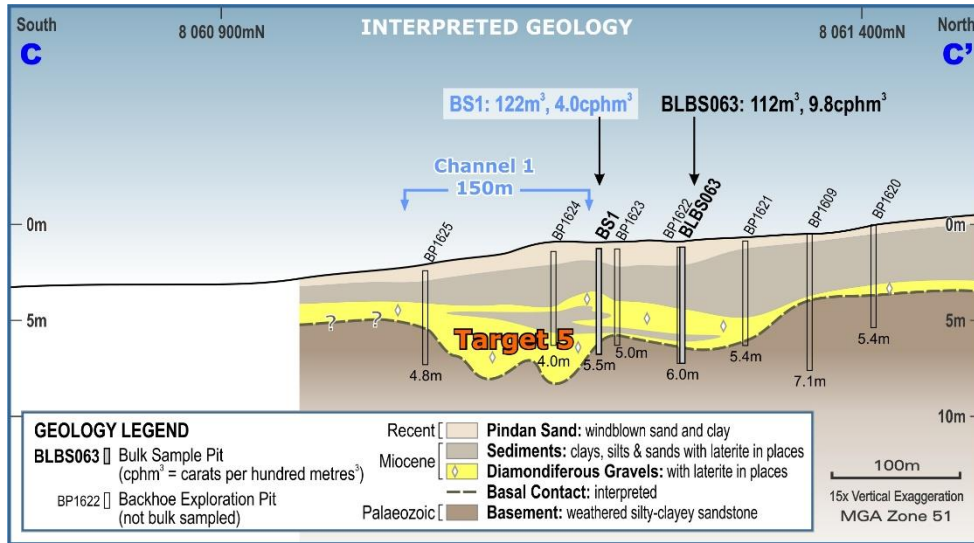
When the GPR is run from a different direction over the same target (below), you get the same result





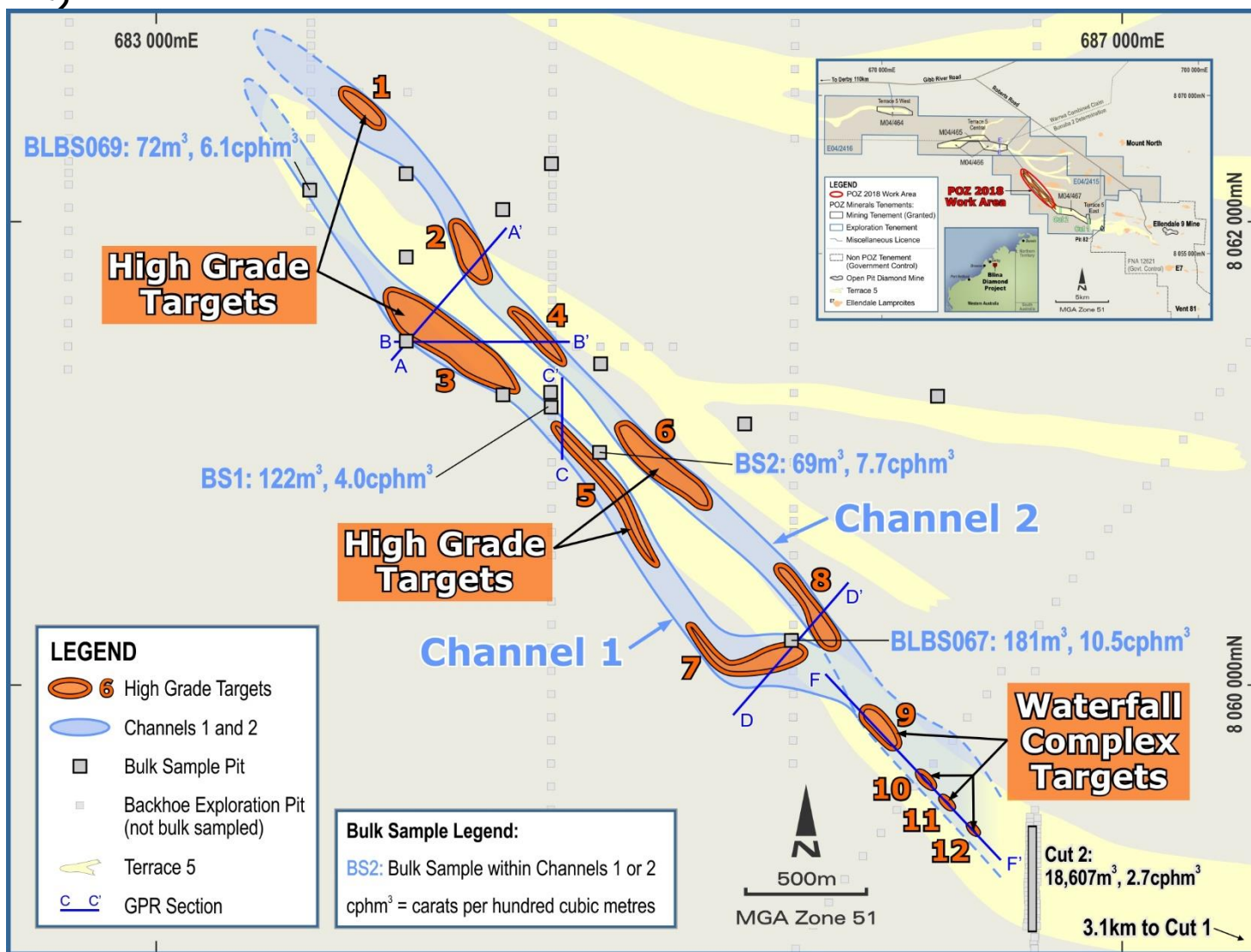
# Untested High Grade Targets 5, 7 & 8

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



- Nine untested 'High Grade' targets from GPR work
- Area of 30 hectares
- 'High Grade' targets in Channels 1 & 2,
- Targets only 2 to 8 metres deep
- 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

Blina Diamonds NL  
mining alluvials in 2007

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

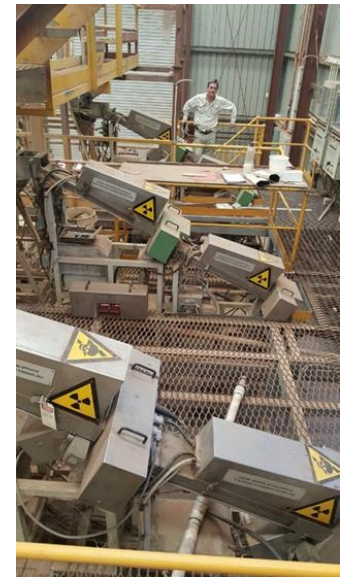
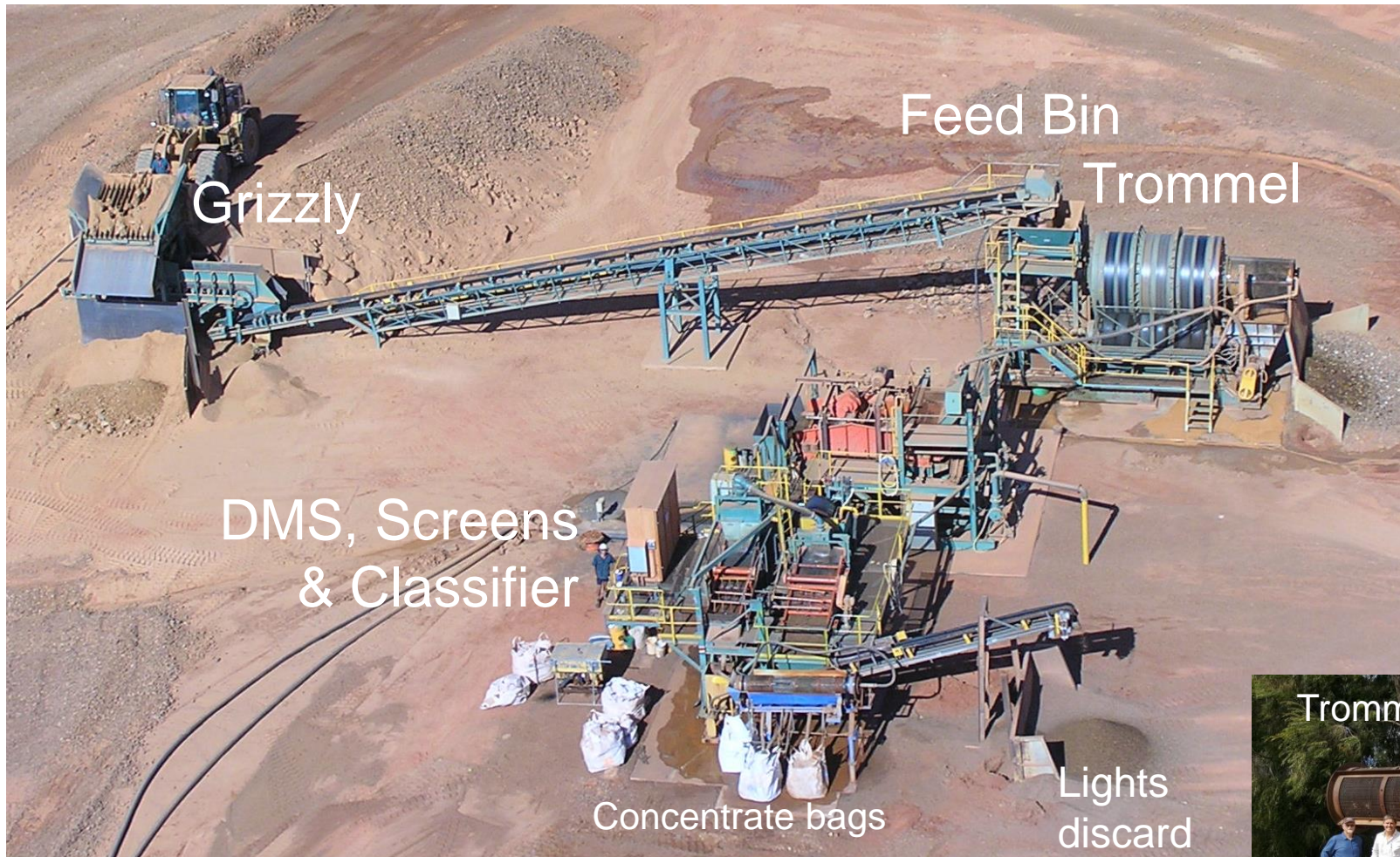
Blina Diamonds NL  
mining alluvials in 2007

08.09.2007



# POZ Diamond Recovery Plant

**Trommel, Screens, REE Magnet and Diamond Sortex**



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



Trommel acquired by POZ

Blina Diamonds NL recovery plant in 2006 (~30m<sup>3</sup> per hour) treating Terrace 5 material - same trommel (see right) has been purchased by POZ



# Project Milestones

Activities to commence operations in 2018 are well underway

## 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 trap site target resolution
- ✓ Heritage clearance survey with Traditional Owners
- ✓ Q2&3: purchase of major plant equipment and configure - ongoing
- ✓ April: commence ore characterisation drilling for Mining Proposal

## Operational Goals to December 2018

- *June: Commence bulk sampling operations of priority targets*
- *Q3: Commission plant, commence diamond recovery*
- *Q4: Commence trial mining on best grades*



Terrace 5 alluvial mining





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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.*