

## NEXUSMINERALS

# Proactive Investors Presentation July 2018

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- The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on information compiled or reviewed by Mr Andy Tudor, who is a Member of The Australasian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr Tudor is a full time employee of Nexus Minerals Limited.
- Mr Tudor 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'.
- The exploration results are available to be viewed on the Company website www.nexus-minerals.com. The Company confirms it is not aware of any new information that materially affects the information included in the original announcement. The Company confirms that the form and context in which the Competent Person's findings are present have not been materially modified from the original announcements of 3/5/2016, 5/5/2016, 8/6/2016, 6/7/2016, 18/7/2016, 25/7/2016, 9/9/2016, 13/10/2016, 17/10/2016, 7/2/2017, 30/3/2017, 20/6/2017, 28/7/2017, 12/9/2017, 4/10/2017, 18/10/2017, 24/10/2017, 8/11/2017, 28/11/2018, 17/1/2018, 23/1/2018, 23/1/2018, 12/2/2018, 4/4/2018, 6/4/2018, 23/4/2018, 8/5/2018, 5/6/2018 and 17/7/2018.
- Mr Tudor consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.
- No Ore Reserves have currently been defined on the Pinnacles JV Gold Project, nor the Wallbrook Gold Project. There has been insufficient exploration and technical studies to estimate an Ore Reserve and it is uncertain if further exploration and/or technical studies will result in the estimation of an Ore Reserve. The potential for the development of a mining operation and sale of ore from the Pinnacles JV Gold Project or the Wallbrook Gold Project has yet to be established.

## **COMPANY SNAPSHOT**



Nexus Minerals Limited	ASX: NXM		
Shares	88.6 million		
Share Price (18/7/2018)	AUD \$0.076		
Market Cap (18/7/2018)	AUD \$6.7million		
Cash (30/6/2018)	AUD \$3.9million		
Shareholders	800		
Top 20	49.90%		

BOARD AND MANAGEMENT					
Chairman	Mr Paul Boyatzis				
Managing Director	Mr Andy Tudor				
Non - Executive Director	Dr Mark Elliott				
Non - Executive Director	Mr Bruce Maluish				
Company Secretary	Mr Phil MacLeod				





## **COMPANY SNAPSHOT**



COMMODITY GOLD

STATUS EXPLORATION

LOCATION KALGOORLIE GOLDFIELDS

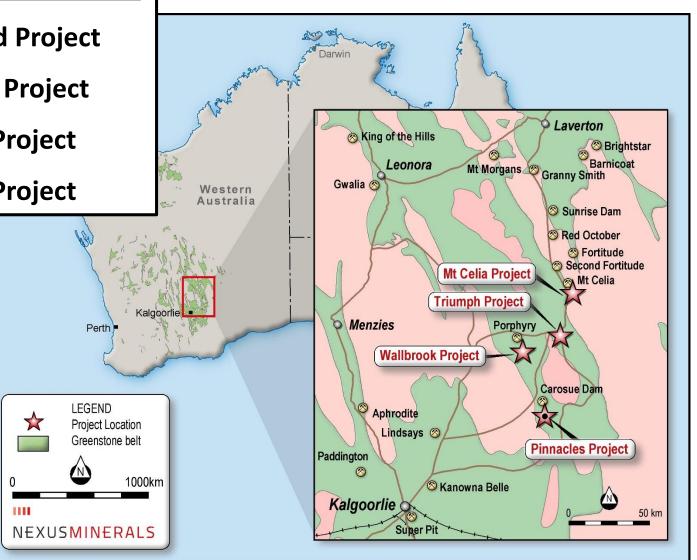
**WESTERN AUSTRALIA** 

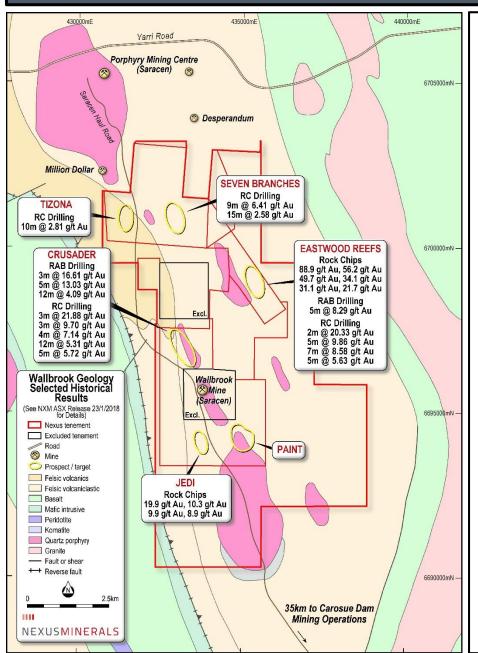
- > SARACEN GOLD MINES NEW 6% SHAREHOLDER
- >JV with SARACEN GOLD MINES (ASX:SAR)
- > PROSPECTIVE REGIONAL TENEMENT PACKAGE
  - **☐** Wallbrook Gold Project
  - **☐** Pinnacles Gold Project
- > PROFESSIONAL TEAM
  - ☐ GOLD EXPLORATION FOCUS
  - **□** DEVELOPMENT EXPERIENCE
- > EXPLORING FOR LARGE SCALE GOLD DEPOSITS



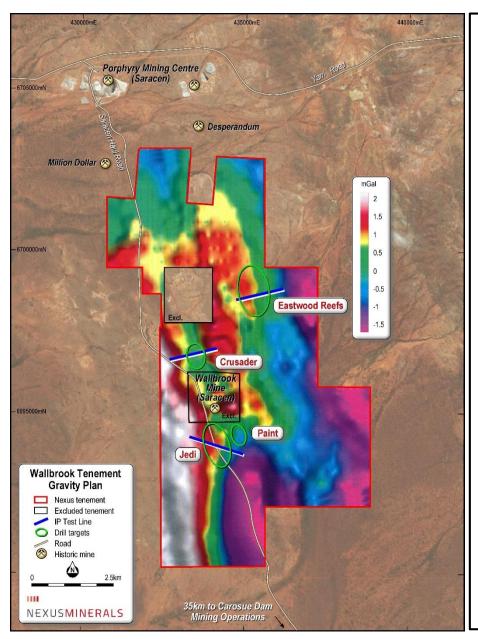
## **Goldfields Western Australia**

- Wallbrook Gold Project
- > Pinnacles Gold Project
- > Triumph Gold Project
- ➤ Mt Celia Gold Project



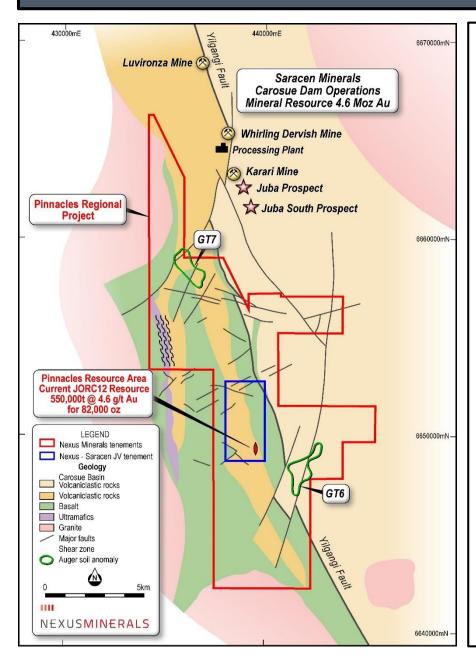


- The Wallbrook Gold Project is located 140km northeast of Kalgoorlie and 35km north of Saracens Carosue Dam Operations
- Project acquired from Saracen Gold Mines Feb 2018
- Nexus owns 58km² of contiguous tenements
- Wallbrook considered highly prospective for gold mineralisation associated with porphyry intrusions
- Wallbrook historical data search reveals significant gold assay results from rock chips, and RAB, RC and diamond drilling campaigns
- Regional gold deposits located near the "tops" of porphyry intrusions, and shear zones within altered intruded host rocks
- Wallbrook region historical production of over 350,000 ounces gold (none of this production was from the Nexus Wallbrook tenements)
- Any future ore mined from the project tenements may be purchased by Saracen for processing through its Carosue Dam Operations



#### **Exploration Activities 2018**

- Historic data compilation, review and exploration strategy development
- Site visits to Saracen's Wallbrook, Porphyry and
   Karari gold mines comparative mineralisation style
- Petrology on mineralisation and host rocks
- Geological mapping and structural interpretation
- Gravity survey covering entire Wallbrook project
- Three test lines of Induced Polarisation and Resistivity geophysical survey on selected targets
- Modelling of historic magnetic data
- Proof of exploration concepts drill targets selected
- 3,996m RC drill program completed late June testing
   4 prospects results due August



#### Geology

- > 125km<sup>2</sup> North-south trending Archaean greenstone sequence
- > East of the Yilgangi Fault Carosue Basin sediments dominate
- West of the Yilgangi Fault a more mafic dominated package is observed consisting of volcaniclastic sediments intercalated with basalt and ultramafic rock units.

#### **Structure**

- ➤ The region is cut by the Yilgangi Fault deep mantle tapping structure. A series of faults with offsets of tens to hundreds of metres cross cut the Yilgangi Fault
- ➤ These cross cutting faults are particularly common in the Carosue Dam region as the greenstone belt passes through a relatively narrow "neck" between two large granitoids

#### Gravity

- Nexus Gravity survey over the tenement successfully identified and confirmed interpreted regional stratigraphy
- ➢ Gravity defines the prospective corridor of volcaniclastic sediments that host the Carosue Dam gold deposits

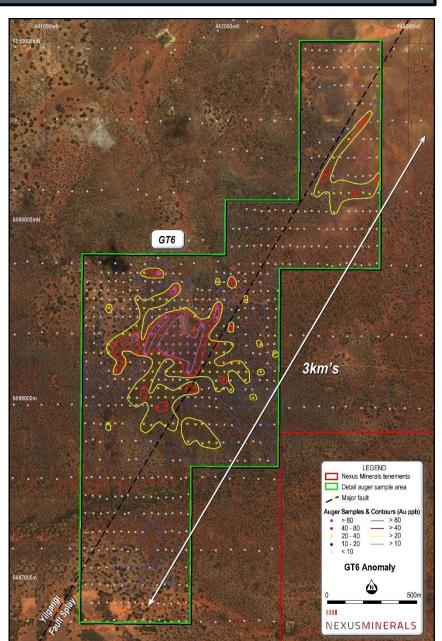
#### Mineralisation

- Mineralisation is known to occur proximal to, and both east and west of the Yilgangi Fault
- Current Exploration Focus GT6

## **PINNACLES GOLD PROJECT – ANOMALY GT6**



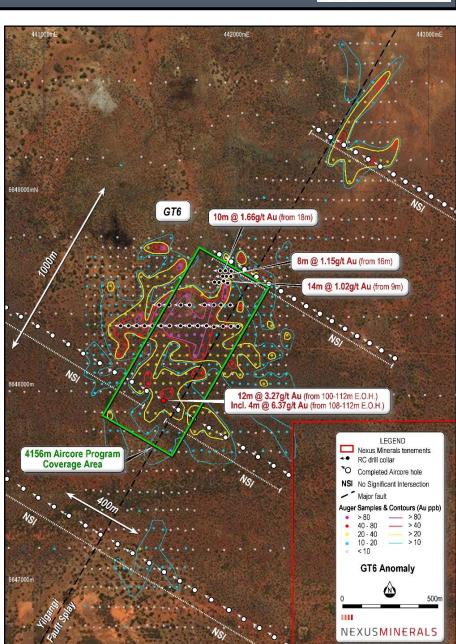
- > Anomalous Au (>9ppb Au) defined over 3.0km x 600m
- Core of multiple elevated results Au max 619ppb
- Au pathfinder elements As and W confirm the anomaly
- ➤ Major NE/SW fault splay off the Yilgangi Fault
- GT6 anomaly exhibits "Carosue Dam Corridor" style Au features
  - Elevated gold and pathfinder geochemistry
  - Hosted in volcaniclastic sediments
  - Located on NE/SW fault splay off the Yilgangi Fault
  - Positioned over a gravity low
  - Mineralisation hosted in quartz + carbonate + hematite + pyrite + albite alteration



## PINNACLES GOLD PROJECT – ANOMALY GT6



- First Pass drilling completed early 2018
- Multiple wide anomalous gold intersections incl:
  - 12m @ 3.27g/t Au, incl 4m @ 6.37g/t Au (from 108m to EOH)
  - 10m @ 1.66g/t Au (from 18m)
  - 14m @ 1.02g/t Au (from 9m)
  - 8m @ 1.15g/t Au (from 16m)
- Features of mineralised zones:
  - Wide zones of elevated gold grades
  - Elevated quartz-hematite abundance directly related to higher gold grades
  - Weathered volcaniclastic sediment lithology
  - Mineralisation hosted within regional gravity low and adjacent to major regional structure
- June 2018 Recently completed 4,156m Aircore drilling program to test 1,000 x 400m core of the anomalous zone – results due August



## **NEXUS 6 MONTH PROGRAM**



	July 2018	August 2018	September 2018	October 2018	November 2018	December 2018	
es	Aircore Drilling GT6			RC D	rilling GT6		
Pinnacles			illing GT6 Result rpretation				
Ш			_	cal & Structural pping			
No.	RC Drilling 4 Target Areas	RC Drilling Result Interpretation RC Drilling					
Wallbro	Detailed Gravity & IP Surveys						
		Geological & Structural Mapping					

### Why Nexus Minerals?

- ✓ Prospective Goldfields Tenement Package
- ✓ Major gold producer Saracen Gold Mines shareholder, JV partner and supporter of Nexus district exploration activities
- ✓ Active gold explorer in multi million ounce Au region majority largely underexplored
- ✓ Two large highly prospective tenement packages large deposit exploration focus
- ✓ Systematic exploration of projects utilising multiple disciplinary techniques
- ✓ Access to mill infrastructure Saracens Carosue
   Dam processing facility
- ✓ Professional & Experienced Management Team
- √ \$3.9 million Cash on Hand (30/6/2018)

Thank You

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