



NEXUSMINERALS

**Corporate Presentation
September 2017**

COMPANY SNAPSHOT



Nexus Minerals Limited

ASX: NXM

FWB: YAK

Shares

83.1 million

Share Price (18/09/2017)

AUD \$0.08

Market Cap (18/09/2017)

AUD \$6.6million

Cash (29/08/2017)

AUD \$5.3million

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

NXM: January – July 2017



ASX:NXM



FWB:YAK



COMPANY SNAPSHOT

COMMODITY **GOLD**

STATUS **ADVANCED EXPLORATION**

PATHWAY TO PRODUCTION

LOCATION **KALGOORLIE GOLDFIELDS**

WESTERN AUSTRALIA

➤ **JV WITH MAJOR REGIONAL GOLD MINER**

☐ **SARACEN GOLD MINES (ASX:SAR)**

➤ **PROSPECTIVE REGIONAL TENEMENT PACKAGE**

➤ **PROFESSIONAL TEAM**

☐ **GOLD EXPLORATION FOCUS**

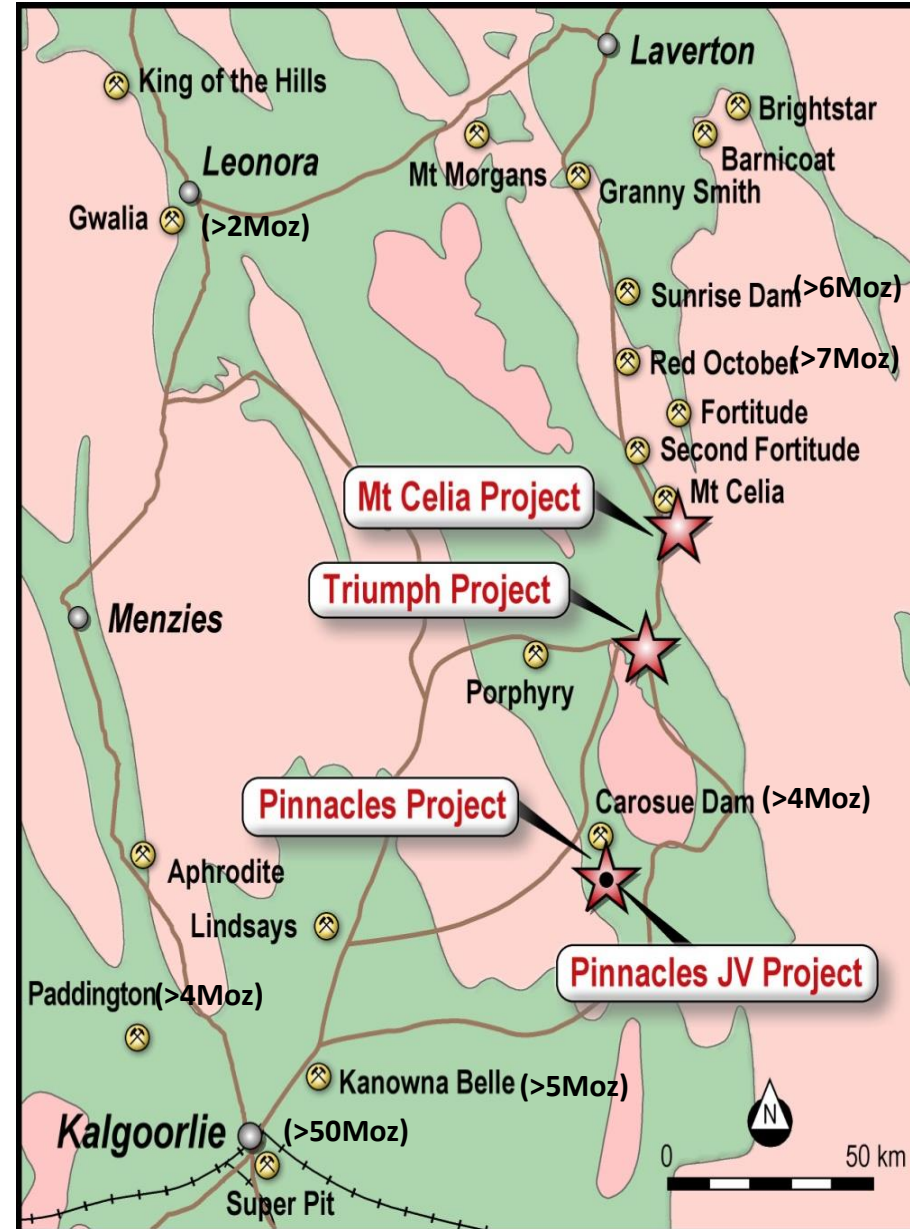
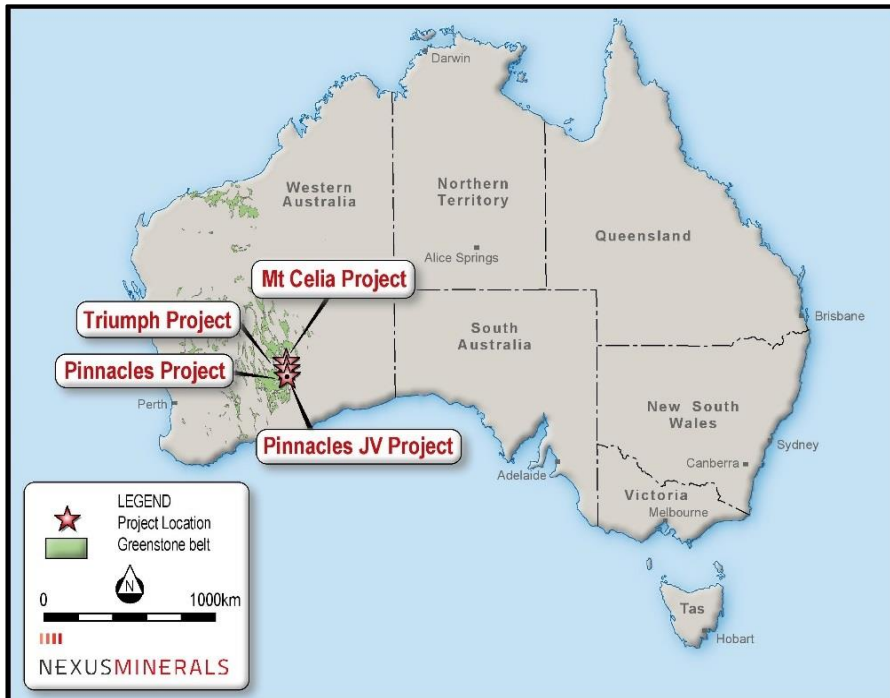
☐ **DEVELOPMENT EXPERIENCE**

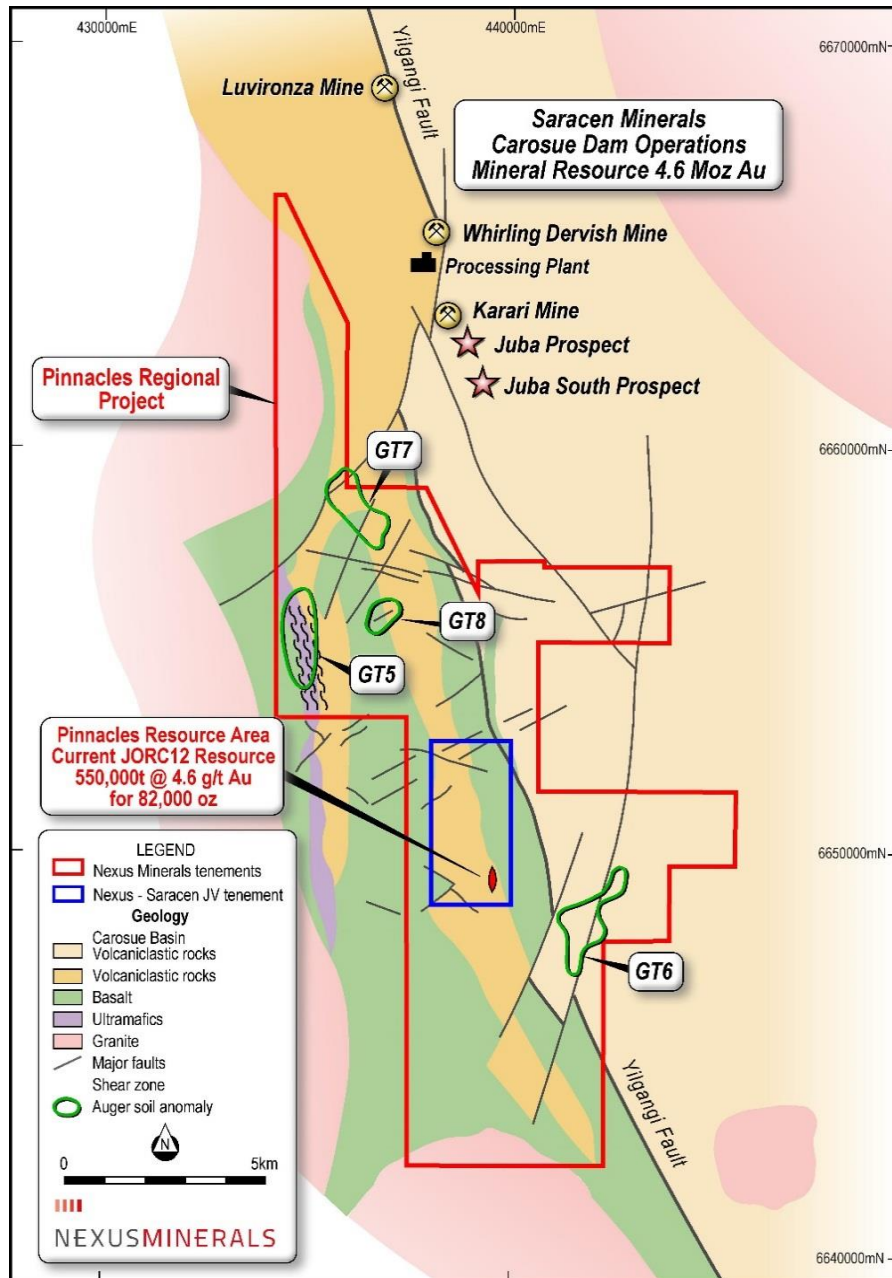
➤ **AQUISITION OF SCALABLE PROJECTS**



Goldfields Western Australia

- Pinnacles Regional Gold Project
- Pinnacles JV Gold Project
- Mt Celia Gold Project
- Triumph Gold Project





Geology

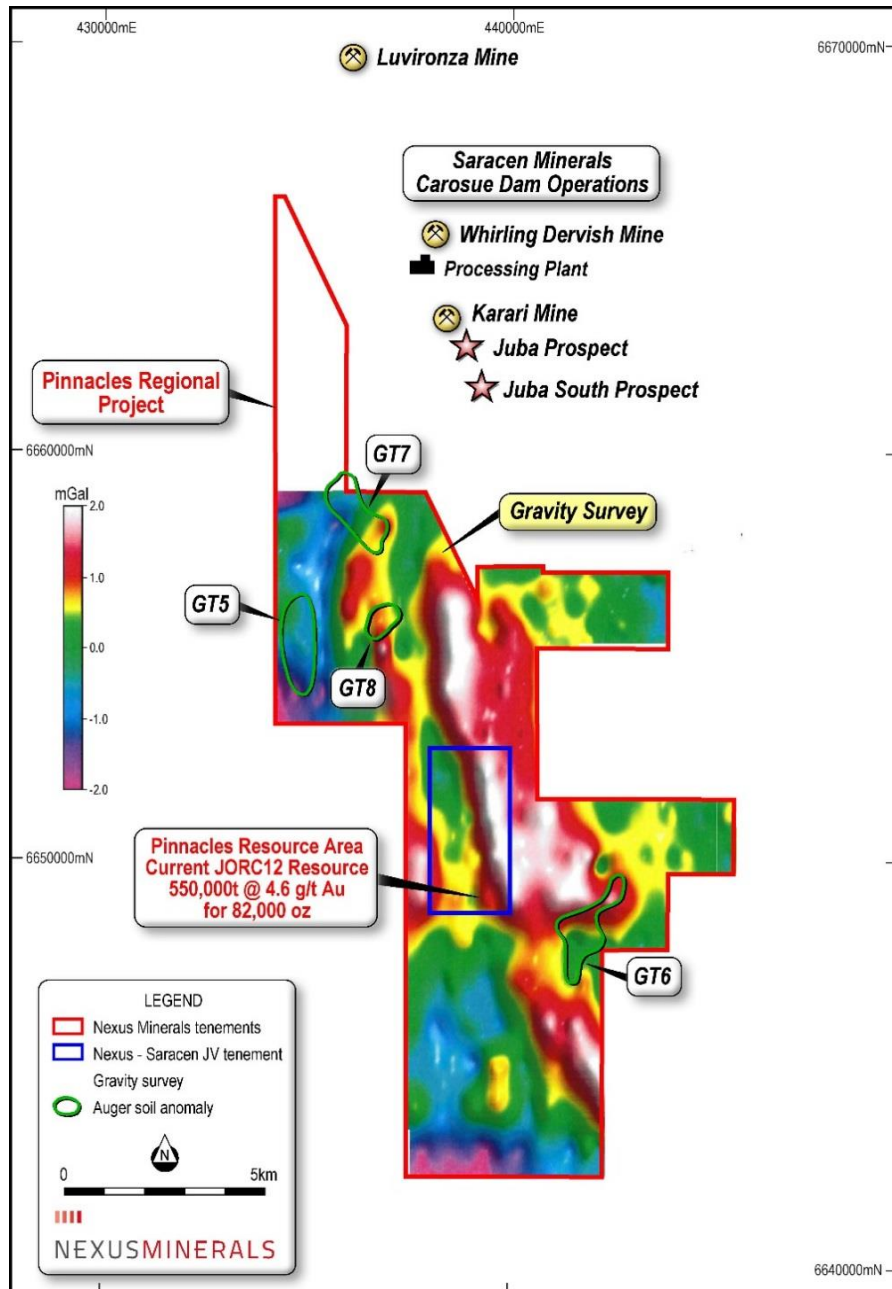
- North-south trending Archaean greenstone sequence
- East of the Yilgarni Fault Carosue Basin sediments dominate
- West of the Yilgarni Fault a more mafic dominated package is observed consisting of volcanoclastic sediments intercalated with basalt and ultramafic rock units.

Structure

- The region is cut by the Yilgarni Fault – deep mantle tapping structure. A series of faults with offsets of tens to hundreds of metres cross cut the Yilgarni 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
- The Yilgarni Fault is a major feature that dissects the Nexus tenement package for a strike distance of some 15km.
- Numerous cross cutting faults are also evident from Geological Mapping, Gravity & Aeromagnetic interpretation

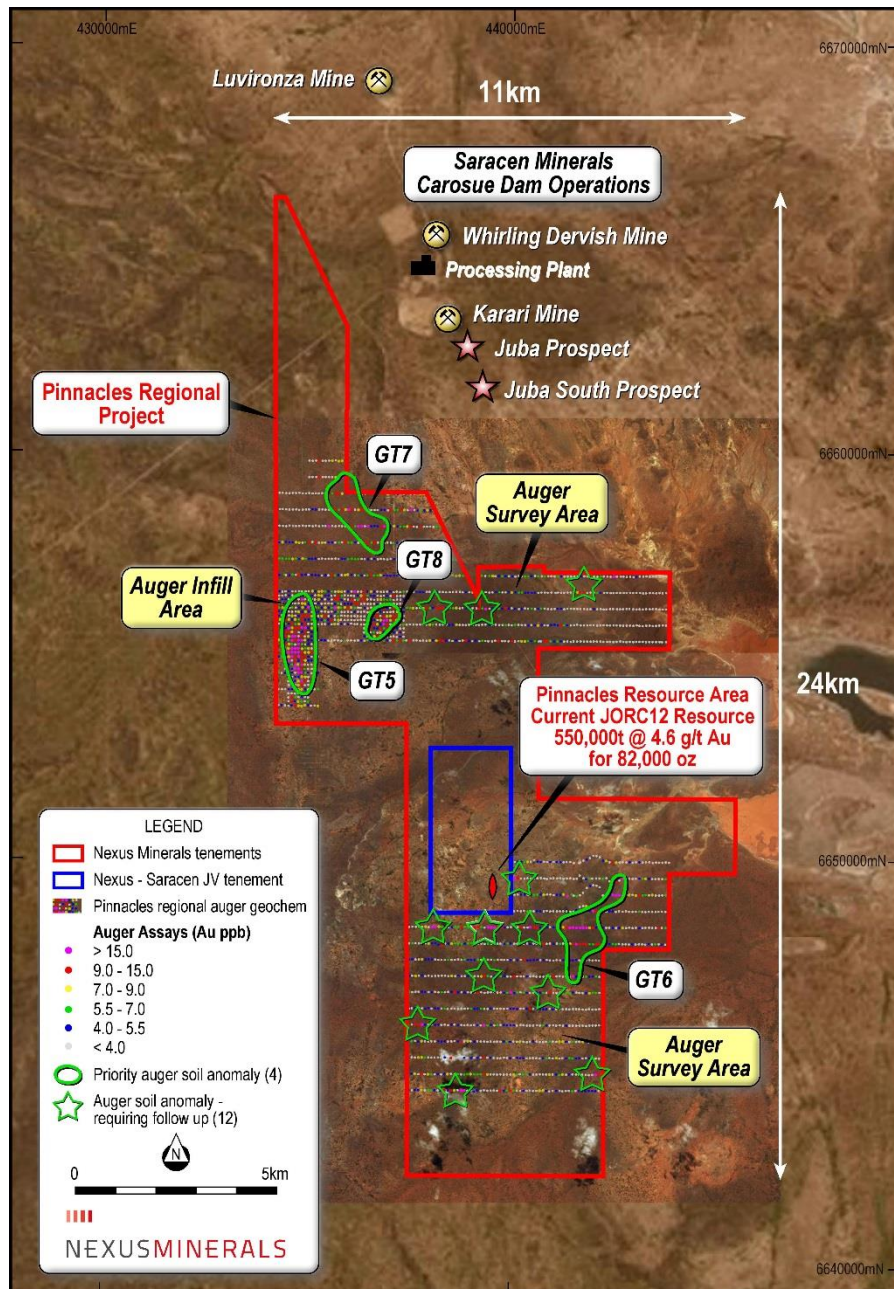
Mineralisation

- Mineralisation is known to occur proximal to, and both east and west of the Yilgarni Fault
- Saracen Gold Mines Carosue Dam mineral resource of 4.6Moz gold - immediately to the north of Nexus tenement holding - is concentrated in this geological setting



Gravity Survey

- Nexus completed Gravity survey March 2017
- Saracen have utilised Gravity surveys to define the prospective corridor of volcanoclastic sediments that host the Carosue Dam gold deposits - immediately to the north of the Nexus project
- Nexus Gravity survey has successfully identified regional stratigraphy
- Volcanoclastic sediments identified in the east and west of the project area (Gravity low)
- Basalt unit identified through the “spine” of the project (Gravity high) that is also coincident with the Yilgangi Fault zone
- Numerous structural off-sets cross-cutting the Yilgangi Fault have been interpreted from this Gravity data
- These structural off-sets have been targeted by Nexus in the initial regional auger soil geochemical program – as gold mineralisation is often concentrated in these structural corridors



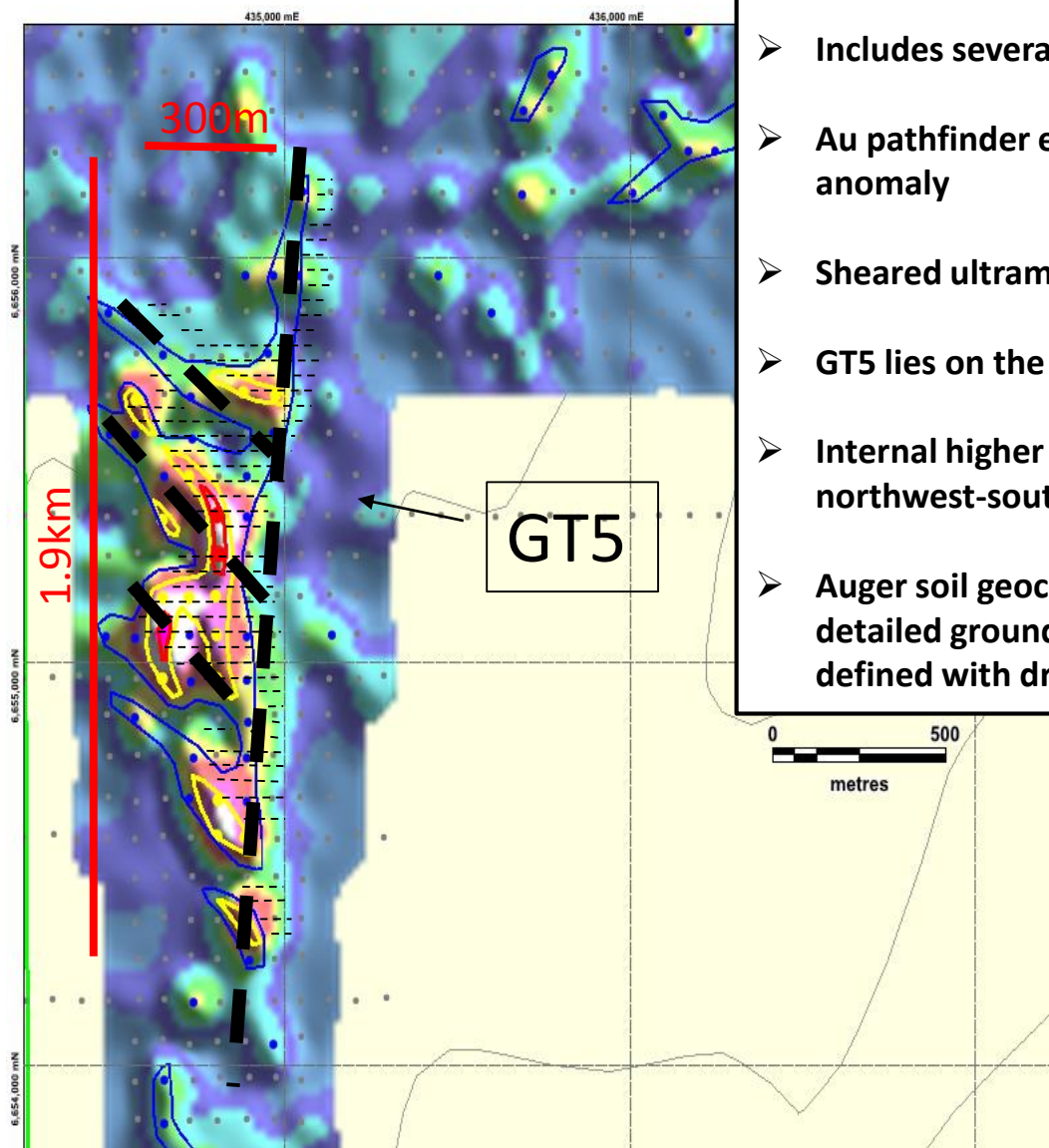
Intrusion Related Gold Systems - Features

- Granitoid Association
- Gold with elevated Bi-Te-Mo-As-W +/-Sb
- Low base metal concentrations Ag-Pb-Zn







Nexus Auger Soil Geochemical Survey Work completed to date 2017

- 50% of tenement area sampled
50% of tenement area remains to be sampled
- 2232 shallow auger soil samples (<3m)
- Results define 16 gold anomalies
- High Priority Au + Pathfinder elements
 - GT5 Au (+ Bi-Te-Mo) 1.9km x 300m
 - GT6 Au (+ As-W) 2.0km x 600m
 - GT8 Au (+ As-Sb-Mo) 800m x 500m
- Medium Priority Au + Pathfinder elements
 - GT7 Au (+ As-Bi-Sb-Te) 1.5km x 800m
- 12 Anomalies requiring follow up work

PINNACLES REGIONAL GOLD PROJECT – ANOMALY GT5







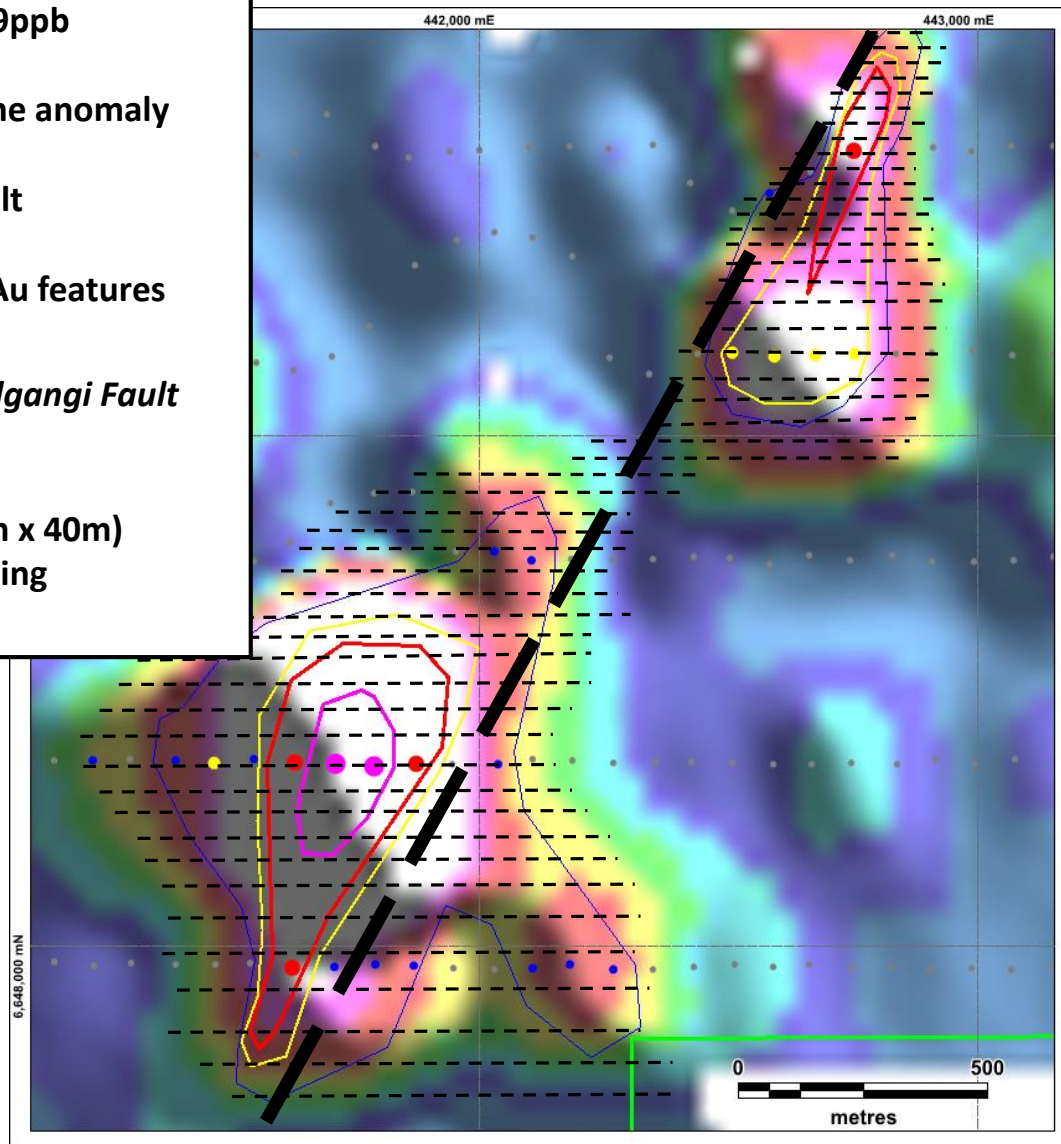
- Anomalous Au (>9ppb Au) defined over 1.9km x 300m
- Includes several zones of more elevated Au (max 107.1ppb)
- Au pathfinder elements Bi, Te and Mo are elevated and zone the anomaly
- Sheared ultramafic rock unit hosts the anomaly
- GT5 lies on the western margin of North-South magnetic feature
- Internal higher grade gold zones (>20 ppb Au) controlled by northwest-southeast splays in underlying magnetic feature
- Auger soil geochemical survey (sample spacing 50m x 40m) and detailed ground magnetic survey completed. RC drill targets defined with drilling commenced 7th September

LEGEND	
	Auger Soil Geochemistry (ppb)
	>80 (Max 107.1)
	40- 80
	20-40
	9-20
	Au Pathfinder Anomaly (Bi-Te-Mo)
	Interpreted Fault /Structure (from Gravity/Aeromagnetic Data)

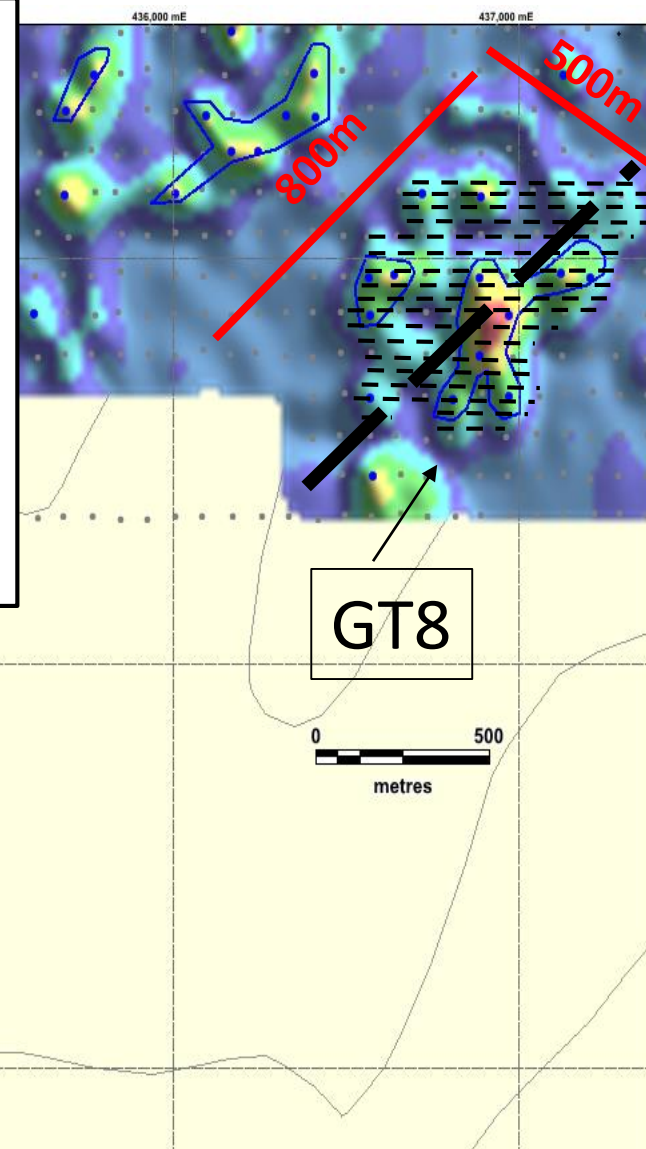
PINNACLES REGIONAL GOLD PROJECT – ANOMALY GT6

- Anomalous Au (>9ppb Au) defined over 2.0km 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 Yilgarni Fault
- GT6 anomaly exhibits “Carosue Dam” style Au features
 - *Hosted by volcanoclastic sediments*
 - *Located on NE/SW fault splay off the Yilgarni Fault*
 - *Positioned over a gravity low*
- Detailed Auger soil geochemical survey (50m x 40m) completed. RC drill targets defined with drilling commenced 7th September

LEGEND	
	Auger Soil Geochemistry (ppb)
	>80 (Max 619)
	40- 80
	20-40
	9-20
-----	Au Pathfinder Anomaly (As-W)
— — — —	Interpreted Fault /Structure (from Gravity/Aeromagnetic Data)

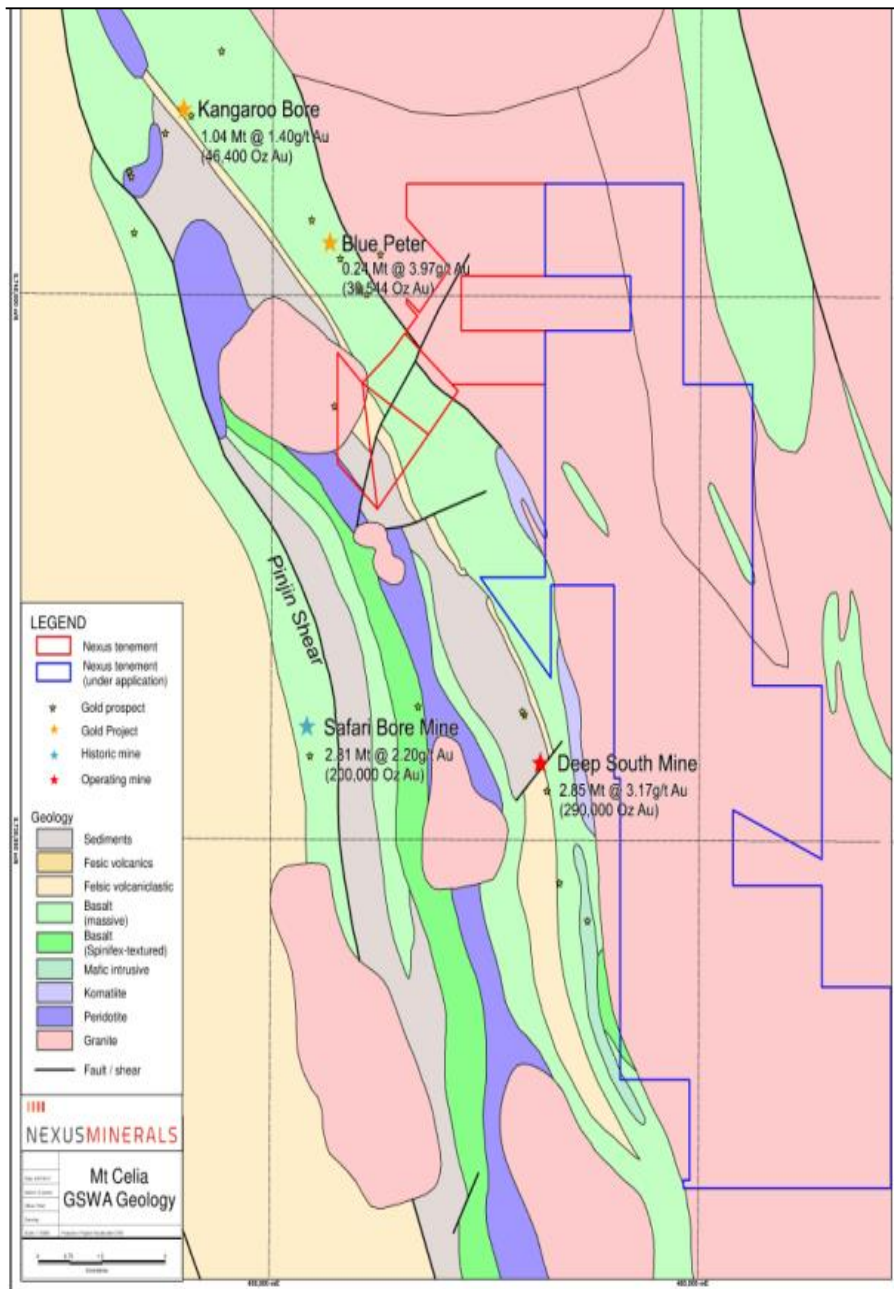


- Anomalous Au (>9ppb Au) defined over 800m x 500m
- Au pathfinder elements As, Sb and Mo are elevated and coincident with the Au anomaly
- Distinct northwest-southeast gravity offset feature runs through anomaly
- Anomaly lies over a complex magnetic feature
- Auger soil geochemical survey (sample spacing 50m x 40m) and detailed ground magnetic survey completed. RC drill targets defined with drilling commenced 7th September



LEGEND

	Auger Soil Geochemistry (ppb)
	>80
	40- 80
	20-40
	9-20 (Max 17.1)
-----	Au Pathfinder Anomaly (As-Sb-Mo)
— — — —	Interpreted Fault /Structure (from Gravity/Aeromagnetic Data)



- The Mt Celia Gold Project is located 180km northeast of Kalgoorlie
- Nexus owns 14km² (in Red) of tenements and has applied for 82km² (in Blue) contiguous tenements
- Project falls within Laverton Tectonic Zone (LTZ)
- LTZ hosts multiple significant gold deposits
 - ☐ Sunrise Dam Mine >9Moz Au
 - ☐ Deep South Mine 290,000oz Au
 - ☐ Second Fortune Mine 131,100oz Au
- Project area is characterised by faulting and shearing of Archaean greenstone lithologies
- Mt Celia project area contains numerous small historic gold workings both within greenstone and granite lithologies
- A prominent granitoid occurs to the northwest of the project truncating and disrupting local stratigraphy – as is the case at Deep South Mine
- Aeromagnetic data reveals northeast striking structural displacement – possible repeat structural setting of the Deep South gold mine (7km along strike to the southeast)

NEXUS 6 MONTH PROGRAM

	July 2017	Aug 2017	Sept 2017	Oct 2017	Nov 2017	Dec 2017
Pinnacles Regional	Auger Infill GT 5/6/7/8					
	Ground Magnetic Survey GT 5/8		RC Drilling GT 5/6/8			
					Auger Survey Infill & Regional	
Mt Celia		Geological & Structural Mapping				
					Auger Survey Regional	

Why Nexus Minerals?

- ✓ Prospective Goldfields Tenement Package
- ✓ Active gold explorer in multi million ounce Au region – majority largely underexplored
- ✓ Successful initial Pinnacles regional auger soil program has identified 16 gold anomalies
- ✓ Drill planning underway to test high priority anomalies with follow up work being undertaken on the remaining anomalies
- ✓ Joint Venture with Saracen Gold Mines to allow pathway to production – utilising mine and mill infrastructure
- ✓ Professional & Experienced Management Team
- ✓ Actively looking for Gold JV opportunities
- ✓ \$5.5million Cash on Hand

Contact:

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Thank You

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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, 25/7/16, 9/9/16, 13/10/16, 17/10/16, 7/2/17, 30/3/17 and 20/6/17.

• 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. 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 has yet to be established.