

## NEXUSMINERALS

# AGM Presentation November 2019

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- The information in this report that relates to the Crusader Mineral Resource Estimate is based upon information compiled by Mr Adam James, a Competent Person who is a member of The Australian Institute of Mining and Metallurgy and the Australian Institute of Geoscientists. Mr James is a full-time employee of Nexus Minerals Limited. Mr James has sufficient experience that is relevant to the style of mineralisation and type of deposit under consideration and to the activity being undertaken 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'. Mr James consents to the inclusion in the report of matters based on his information in the form and context in which it appears.
- The information in this report that relates to Exploration Results, Mineral Resources or Ore Reserves is based on, and fairly represents, information and supporting documentation, prepared, 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 the Managing Director and 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 for which he is undertaking to qualify as a Competent Person as defined in the 2012 Edition of the "Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves". 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.
- 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 6/9/2018, 20/9/2018, 16/10/18, 29/11/2018, 24/1/2019, 4/2/2019, 27/2/19, 15/3/2019, 2/4/2019, 9/4/2019, 16/4/2019, 18/4/2019, 29/5/2019, 8/7/2019, 28/8/2019, 8/10/2019 and 21/10/2019.
- 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.

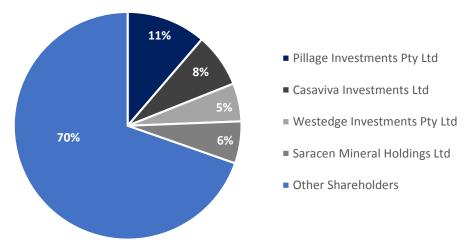
## **COMPANY SNAPSHOT**



CORPORATE OVERVIEW					
Nexus Minerals Limited	ASX: NXM				
Shares	118 million				
Share Price (25/11/2019)	A\$0.046				
Market Cap (25/11/2019)	A\$5.40m				
Cash (30/09/2019)	A\$2.9m				
Enterprise Value	A\$2.5m				
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				

## **Share Ownership**









## **COMPANY SNAPSHOT**



#### TARGETING DISCOVERY OF LARGE SCALE GOLD DEPOSITS IN WESTERN AUSTRALIAN GOLDFIELDS

- > Strategic landholding in Eastern Goldfields, WA
- > Saracen Mineral Holdings (Saracen ASX:SAR)
  - ☐ 6% Shareholder & JV Partner
- ➤ Highly Prospective Regional Tenement Package
  - ☐ Wallbrook Gold Project— 250km²
  - ☐ Pinnacles Gold Project 125km²
- Professional Team
  - ☐ Gold Exploration Focus
  - **☐** Development Experience



#### **Eastern Goldfields Western Australia**

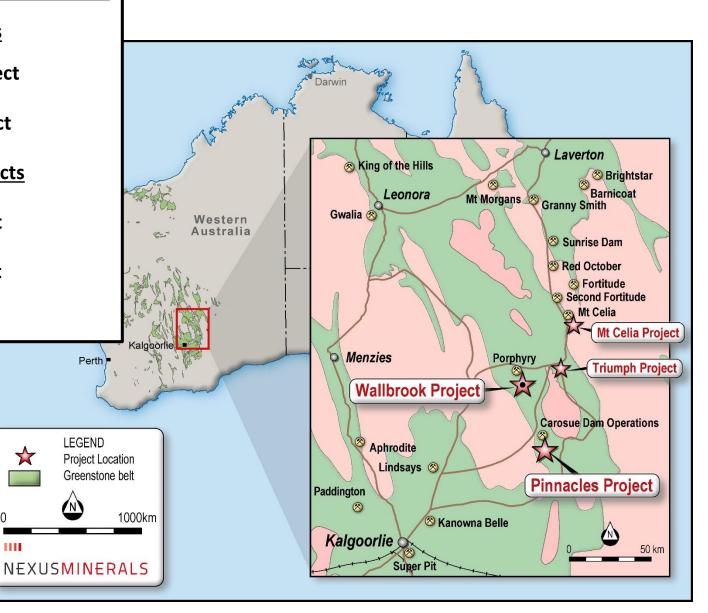
#### **Key Projects**

- Wallbrook Gold Project
- Pinnacles Gold Project

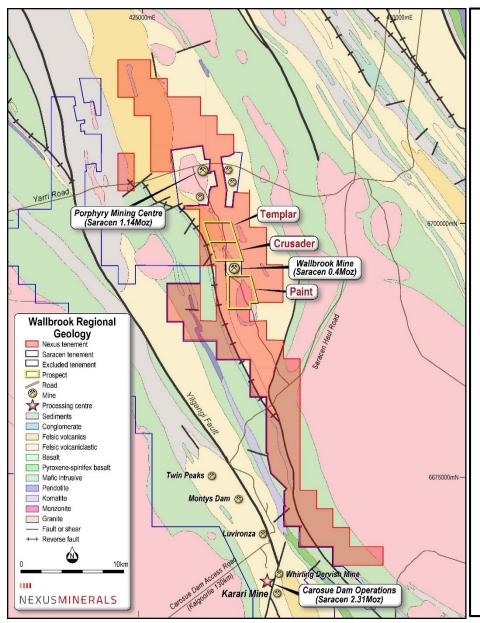
#### **Portfolio Projects**

- Triumph Gold Project
- Mt Celia Gold Project

Total Package 680km<sup>2</sup>



## **WALLBROOK GOLD PROJECT**



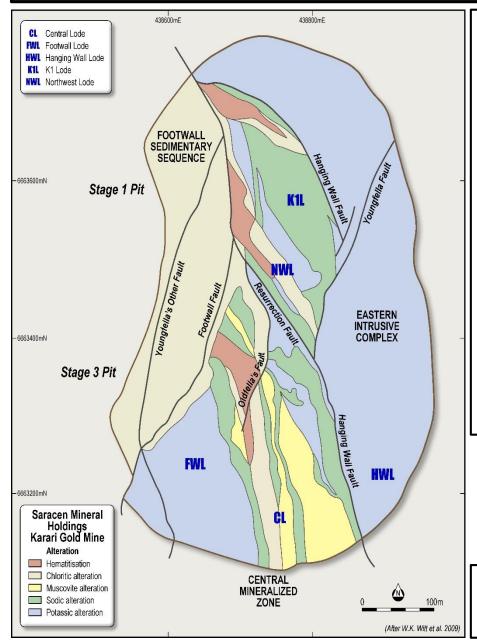
- ➤ 140km northeast of Kalgoorlie & immediately north of Saracen's Carosue Dam Operations
- Saracen aggressively exploring adjacent tenement package – Upgrading Carosue Dam facilities – mill, paste plant, camp, airstrip......
- 250km² contiguous tenement package Some 50km strike of prospective geology
- Geology & structural setting highly prospective for hosting gold mineralisation

### **Multi Million Ounce Gold District**

- Significant historical gold results, limited follow up, largely underexplored landholding
- Regional gold deposits are located
  - ✓ Proximal to porphyry intrusions
  - ✓ Within altered intruded host rocks

## SARACEN'S KARARI GOLD MINE – "THE TARGET STYLE"





## **Karari Gold Mine Discovery\***

#### 1991

- 400m gold soil anomaly;
- RAB drilling identified >100ppb Au anomaly;
- Discovery hole
  - 26m @ 0.13g/t Au (from 58m) Hosted in small felsic intrusive;
  - 54m @ 0.21g/t Au (from 154m) Hosted in strongly foliated hematite altered zone. This interval included 2 narrow zones of +1g/t Au

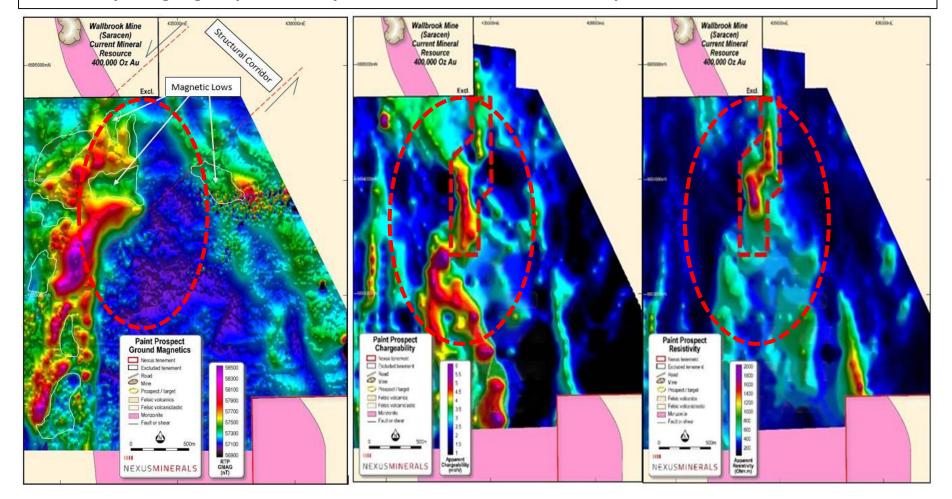
#### 1997

- > RC Drill Program returned
  - 12m @ 2.05g/t Au (from 38m);
  - 12m @ 3.03g/t Au (from 58m).

\*Carosue Dam Gold Project – Evolution of a Discovery Langworthy and Joyce New Generation Gold Mines Conference 1999

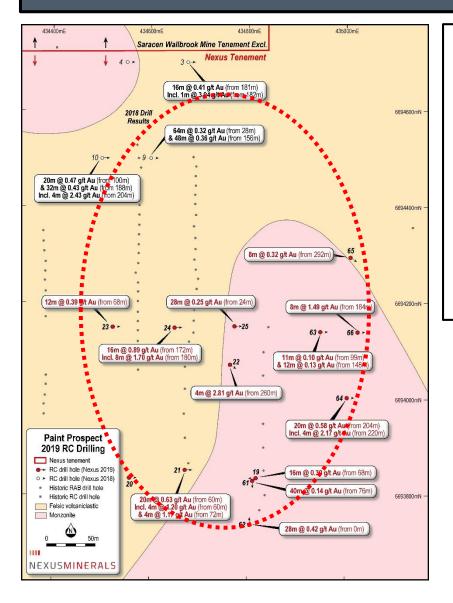
## Nexus Geophysical Surveys - excellent vectors for mineralisation and drill planning

- **→** High Resolution Ground Magnetics Structure + anomalous magnetic lows within magnetic highs
- > Coincident GAIP Chargeability & Resistivity anomaly Silicification and sulphide concentration
- Gravity Highlights potential hydrothermal alteration and complex structural features



## **PAINT PROSPECT – THE OPPORTUNITY**



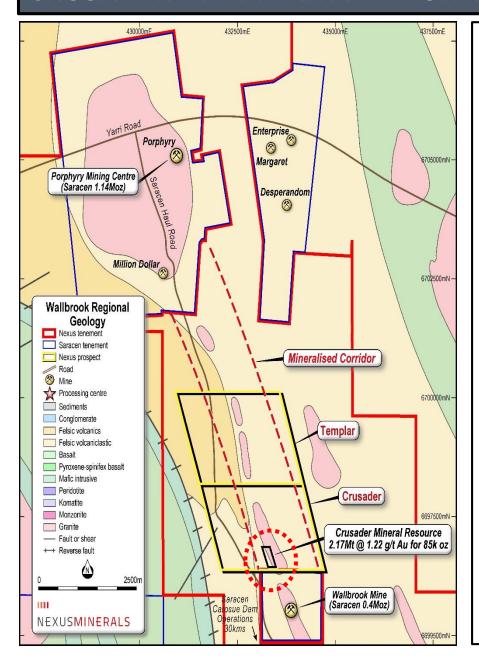


## **Targeting "Karari Style" Mineralisation**

- Nexus RC Drill holes Mineralisation hosted in variably hematite altered intrusive and host rocks
- Multiple zones of 1g/t+ Au intersections
  - > 64m @ 0.32g/t Au (from 28m)
  - 48m @ 0.36g/t Au (from 156m)
  - 20m @ 0.63g/t Au (from 60m)
  - 20m @ 0.58g/t Au (from 204m)
  - > 28m @ 0.42g/t Au (from 0m)

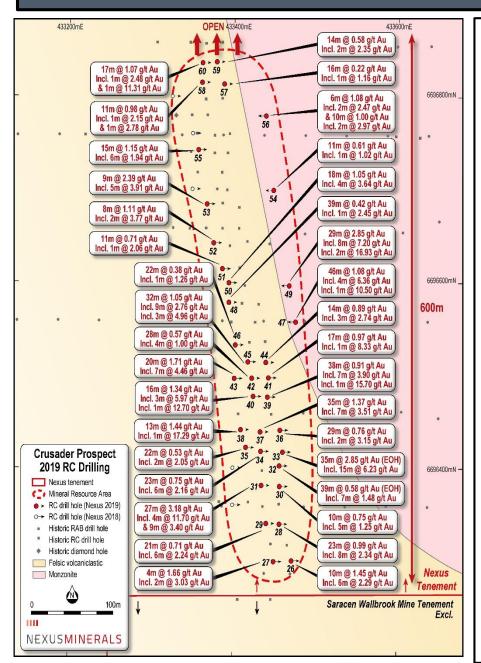


NMWBRC18-010 204-208m. 4m @ 2.43g/t Au. Brick-red coloured hematitic alteration at contact of high-level porphyry intrusive and volcanic host rock



#### **Exploration Completed 2019**

- Crusader Prospect 40 hole 4626m RC Drill program confirmed mineralisation style, alteration style and gold grades along 600m strike zone;
- Crusader JORC 2012 Mineral Resource Estimate;
  - ☐ 2.17Mt @ 1.22g/t Au for 85,000 ounces
- High resolution ground magnetic survey confirms strike zone of interest extends through Crusader and Templar Prospects to the north;
- Gravity survey over Templar Prospect highlights extension of Crusader Prospect gravity low corridor;
- Modelling reveals multiple NW striking / steeply dipping zones of mineralisation over >5km strike;
- Multiple surface gold soil geochemical anomalies (+9ppb Au / Max 920 ppb Au);
- Geological and structural mapping, combined with surface geochemistry, outline mineralised trends.



- Crusader Prospect 40 hole 4626m RC Drill program confirmed mineralisation style, alteration style and gold grades along 600m strike zone;
- Crusader JORC 2012 Mineral Resource Estimate;
  - ☐ 2.17Mt @ 1.22g/t Au for 85,000 ounces
- ➤ 54% of the mineral resource within the Indicated category, drilling concentrated on the top 100m;
- Resource remains open to the north and at depth;
- Best intersections include;

Hole#31 - 27m @ 3.18g/t Au (from 61m)

- √ incl. 4m @ 11.70g/t Au
- √ incl. 1m @ 30.33g/t Au
- √ and 9m @ 3.40g/t Au

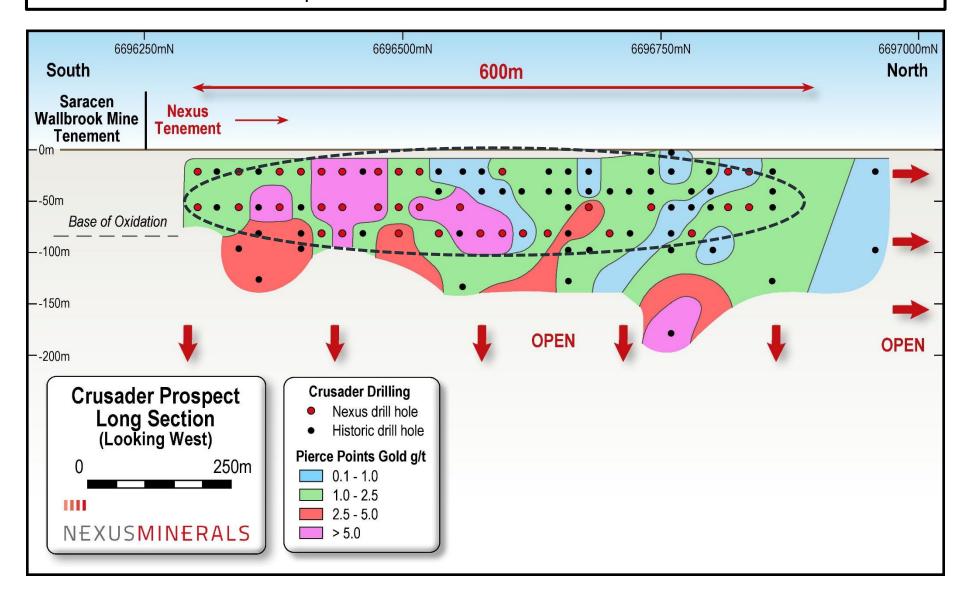
Hole#33 - 35m @ 2.85g/t Au (from 25m to EOH)

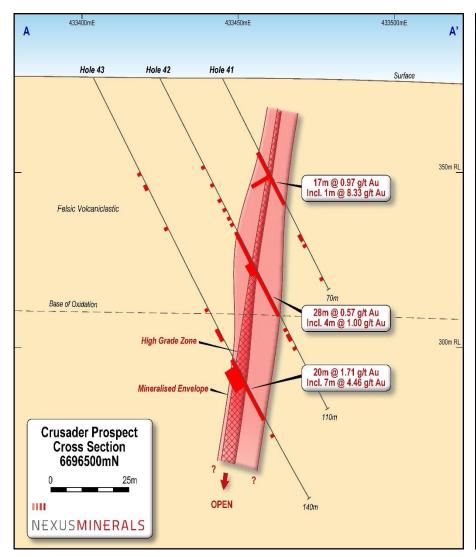
- √ incl. 15m @ 6.23 g/t Au
- √ incl. 1m @ 21.95g/t Au

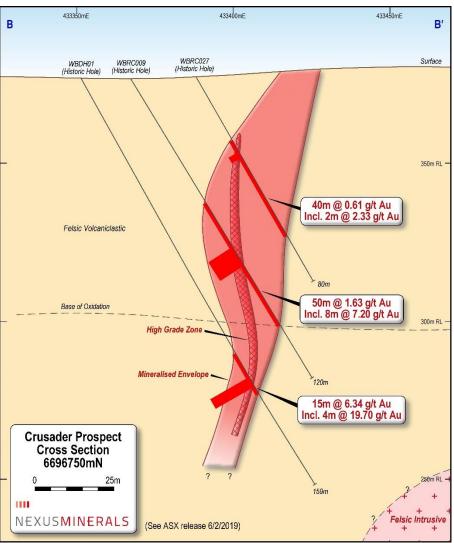
Hole#49 - 29m @ 2.85g/t Au (from 30m)

- √ incl. 8m @ 7.20g/t Au
- √ incl. 2m @ 16.93g/t Au
- √ incl. 1m @ 20.13g/t Au

## --- Mineral Resource Envelope

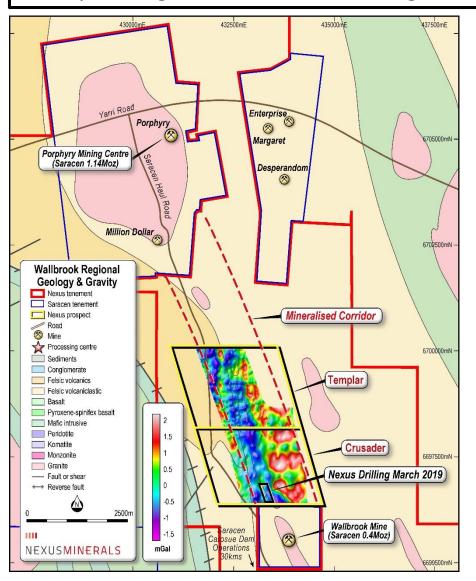


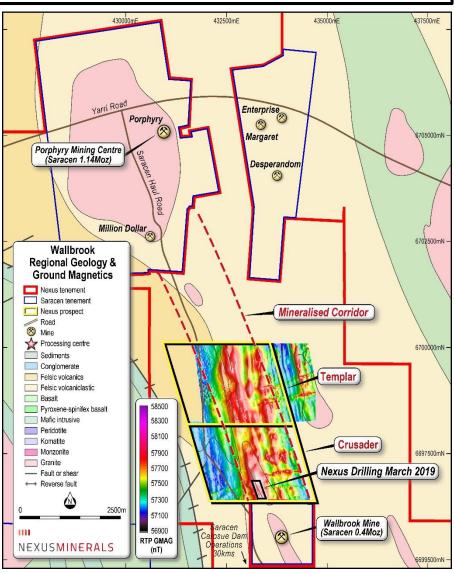


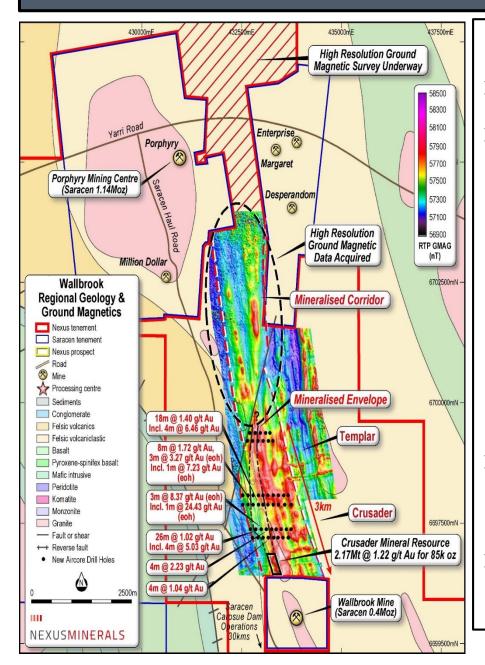




## Gravity and High Resolution Ground Magnetics surveys = Highlight mineralised corridor



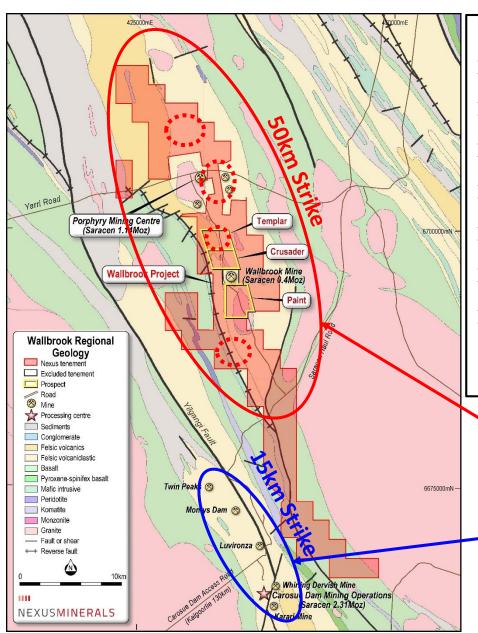




#### **Exploration Completed**

- 4,375m Aircore drill program completed September;
- Templar Aircore program tested multiple targets and successfully delineated the mineralised corridor;
  - Hole #19 3m @ 8.37g/t Au (eoh)
    - Incl 1m @ 24.43g/t Au (eoh)
  - Hole #35 18m @ 1.40g/t Au
    - Incl 4m @ 6.46g/t Au
  - Hole #17 26m @ 1.02g/t Au
    - Incl 4m @ 5.03g/t Au
  - Hole #36 8m @ 1.72g/t Au
    - Incl 3m @ 3.27g/t Au (eoh)
    - Incl 1m @ 7.23g/t Au (eoh)
  - Hole #14 4m @ 2.23g/t Au
- High resolution ground magnetic survey acquired has successfully mapped lithological continuity and identified structural discontinuities;
- High resolution ground magnetic survey underway covering ground to the north of Templar through The Gap.

## **WALLBROOK GOLD PROJECT**



#### **Planned Exploration Activities**

- ► Historic data compilation across 250km² tenure
- Exploration strategy development
- Geological Alteration Structural mapping
- Analysis of new & historical geochemical datasets
- Modelling of new & historical geophysical datasets
- Ground geophysical surveys Gravity & Magnetics
- Aircore / RC / Diamond drill programs
- Prospects identified to date for follow-up exploration and prospective drill targeting

Nexus Minerals "Corridor of Riches" ???

"The RIGHT Rocks"

Saracen's "Corridor of Riches"
Mineral Resources 2.31Moz Gold
Mineral Reserves 1.0Moz Gold
- and Growing

(Source: Saracen Mineral Holdings website)

## **NEXUS 6 MONTH PROGRAM**



	Jan 2020	Feb 2020	March 2020	April 2020	May 2020	June 2020		
			Templar / The 0 4000m Aircore		Templar / The Gap Prospect RC Follow up Drill program			
Wallbrook			Detailed High Resolution Ground Magnetic Survey The Gap and moving North					
Wallk			Paint Prospect regional target assessment utilizing SWIR analysis for mineralisation vectoring and drill targeting					
			Regional Tenement Package - Geological – Alteration – Structural Mapping					
Pinnacles				GT	7 Geological & Str Mapping	uctural		
R&D Project	Data Collecti samples to be by SWIR	characterised						

- ✓ Highly Prospective and strategic landholding
- ✓ Major gold producer Saracen shareholder, JV partner and supporter of Nexus' district exploration activities
- ✓ Active gold explorer in multi million ounce Au region largely underexplored landholding
- ✓ 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
- √ \$2.9 million Cash on Hand

#### **Contact:**

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