

# Next Generation Gold Company in a Multi Million Ounce Province

**SATURN METALS**



**Investor Presentation**

**ASX:STN**

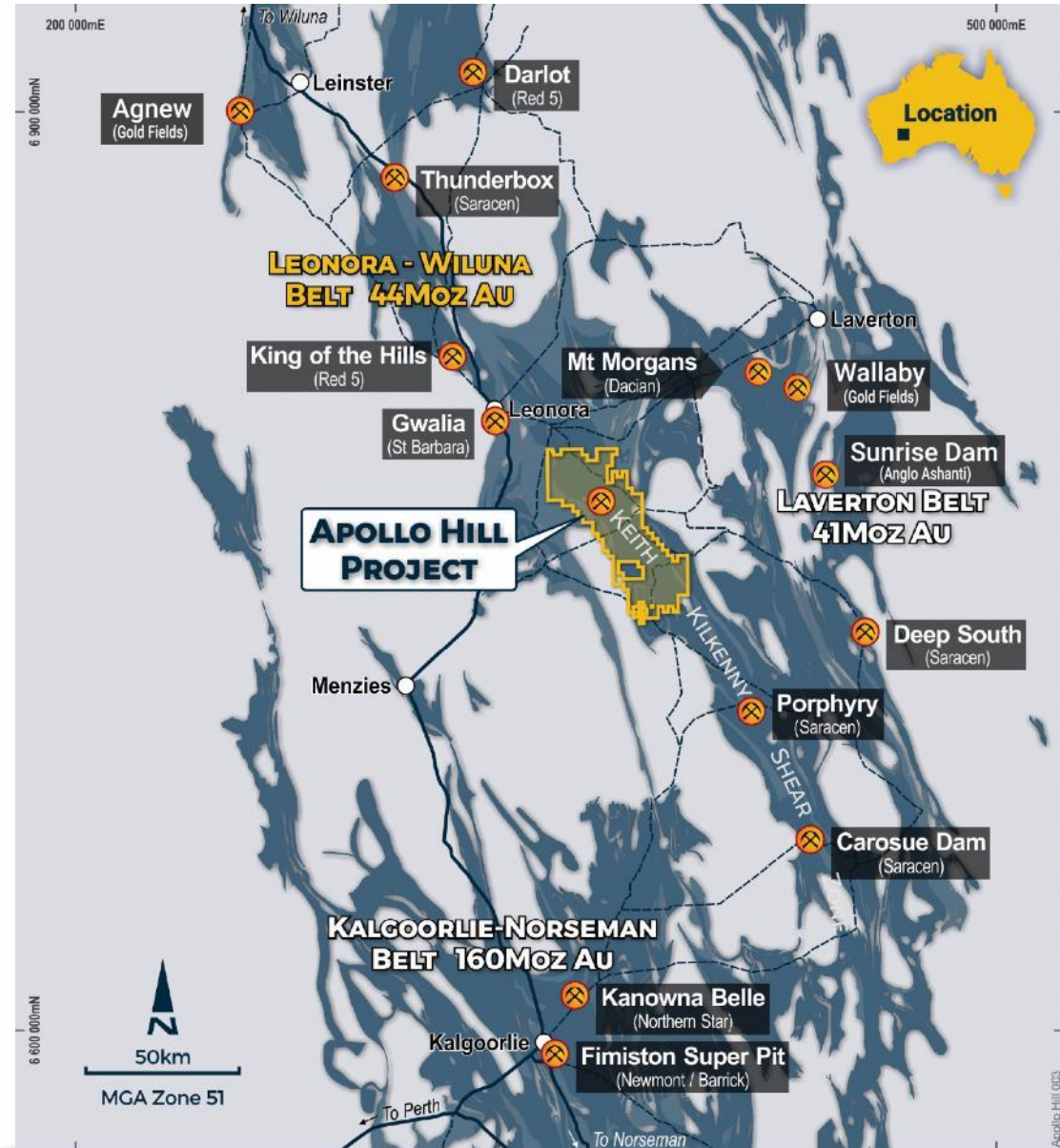
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**Ian Bamborough  
Managing Director  
7 May 2020**

# Apollo Hill 'Greater' Gold Project

## Overview, Location and Tenure

- 60km south-east of Leonora in Western Australia in **world class multi million-ounce gold province** close to existing gold infrastructure
- **Centred around the current 781,000oz JORC Mineral Resource**  
Indicated and Inferred JORC Compliant Mineral Resource of 24.5Mt @ 1.0g/t Au for 781,000oz reported above a cut-off grade of 0.5g/t Au and variable shallow RLs<sup>1</sup>
- **100% ownership of more than 1,000km<sup>2</sup> of contiguous ground**
- Underexplored **large-scale district gold play** – historically underdone due to a varied ground holding and commodity cycles
- **Key Gold Fertile Structures** including the Keith Kilkenny Lineament
- Good Mining Infrastructure



# Corporate Snapshot

## Well Funded – Strong Register

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Substantial Shareholders		5 May 2020
Peel Mining Limited		23.7%
Wythenshawe and Associates		8.8%
Funds		18.1%
Directors and Management		3.1%
Top 20		63%

Corporate Metrics	
Funds <small>(31 March 2020 \$1.735M cash position and successful \$3M placement in early April)</small>	A\$3.7M
Shares on Issue	84.2M
Options and Performance Options <small>(Directors and Staff Options vesting over three years)</small>	8.5M
Market Capitalisation @ A\$0.40 per Share <small>(6 May 2020)</small>	A\$33.7M
Enterprise Value	A\$30M
EV/Resource oz	A\$38.40

### Share Price Since Listing in March 2018

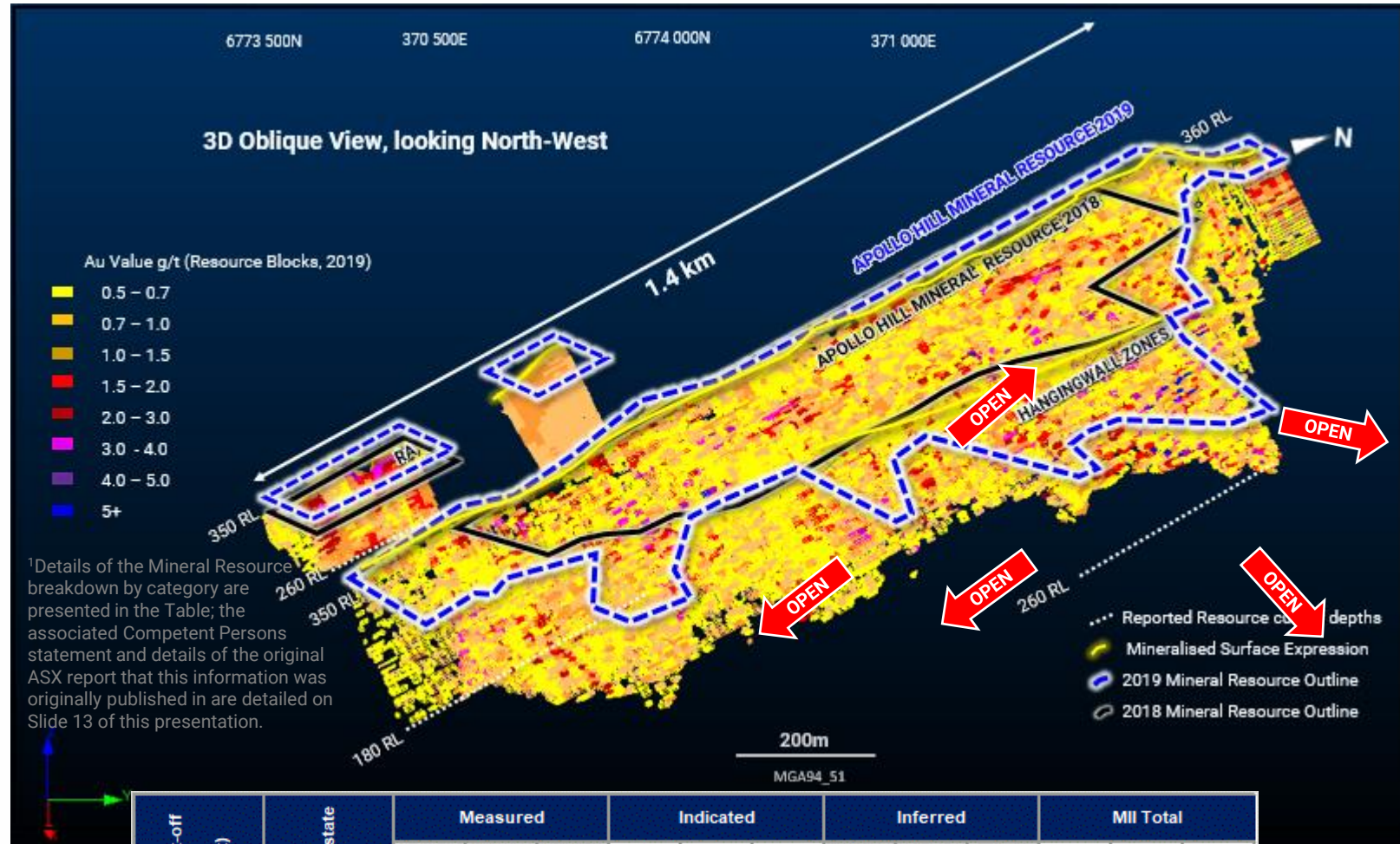


\*\*See Saturn Metals Prospectus for details on Royalty +1Moz Production – Hampton Hill Mining Royalty

# Apollo Hill – Resource Upgrade (781koz Au) October 2019

## A Significant Increase – Open for Expansion

- Apollo Hill Indicated and Inferred JORC Compliant Mineral Resource of 24.5 Mt @ 1.0g/t Au for 781,000oz reported above a cut-off grade of 0.5g/t Au and variable shallow RLs<sup>1</sup>
- Expansive gold mineralised envelope at 40m -70m wide
- Resource to only 180m deep
- By October 2019 – with less than 18 months of drilling from IPO - Saturn Metals:
- ✓ **Delivered an additional 276koz;**
- ✓ **Converted a total of 9.2Mt @ 1.0g/t Au for 298koz to an Indicated Mineral Resource representing 38% of the Inferred Mineral Resource; and**
- ✓ **Delivered 9.8oz for every metre drilled (good discovery cost).**



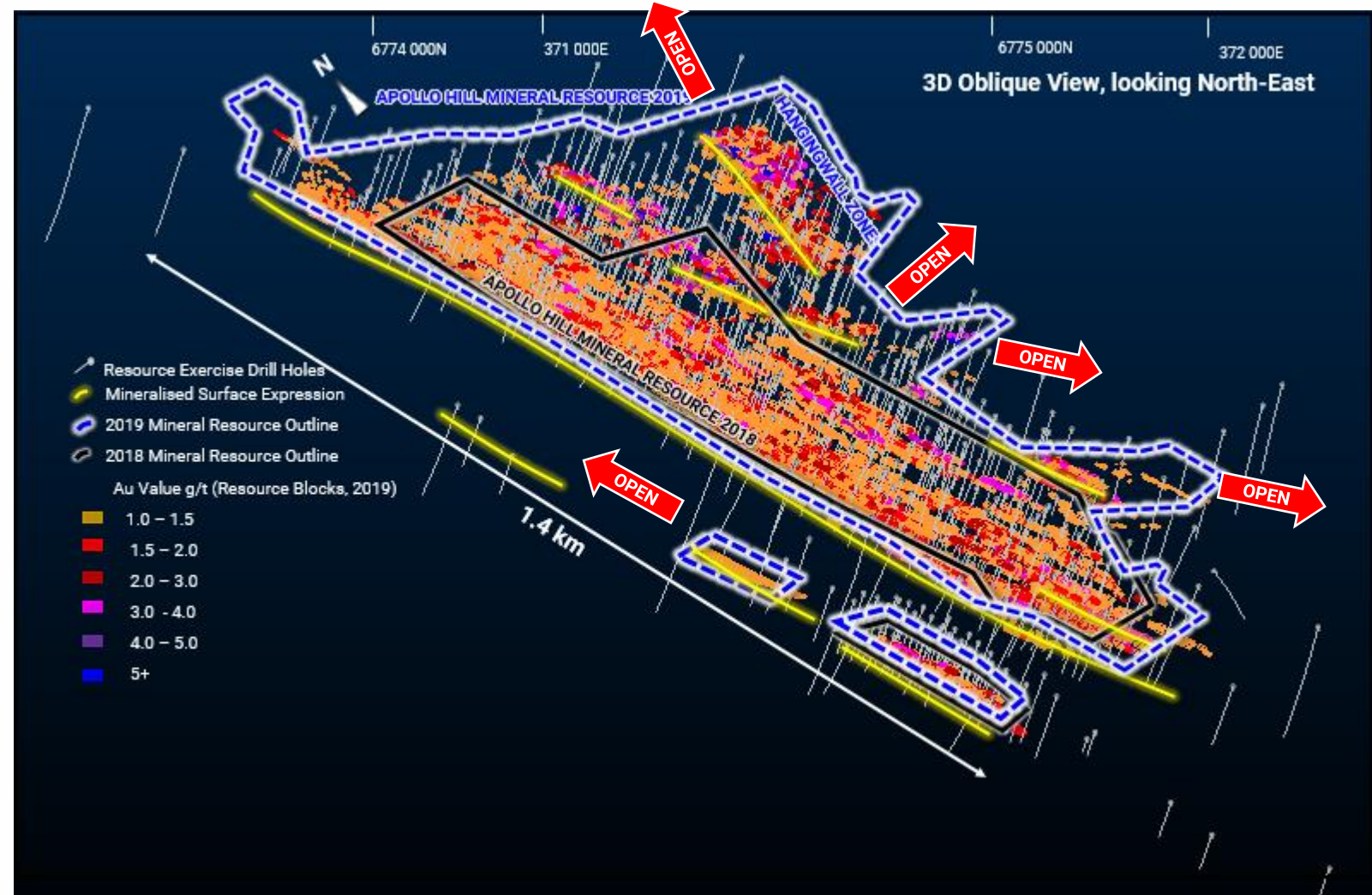
Lower Cut-off Grade (Au g/t)	Oxidation state	Measured			Indicated			Inferred			MII Total		
		Tonnes (Mtonnes)	Au (g/t)	Au Metal (KOzs)	Tonnes (Mtonnes)	Au (g/t)	Au Metal (KOzs)	Tonnes (Mtonnes)	Au (g/t)	Au Metal (KOzs)	Tonnes (Mtonnes)	Au (g/t)	Au Metal (KOzs)
0.5	Oxide	0	0	0	0.2	1.0	7	0.4	0.9	11	0.6	0.9	18
	Transitional	0	0	0	2.1	1.0	70	1.5	1.0	47	3.6	1.0	117
	Fresh	0	0	0	6.9	1.0	221	13.4	1.0	425	20.3	1.0	646
	<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>9.2</b>	<b>1.0</b>	<b>298</b>	<b>15.3</b>	<b>1.0</b>	<b>483</b>	<b>24.5</b>	<b>1.0</b>	<b>781</b>

# Apollo Hill – Resource Upgrade (781koz Au) October 2019

## Higher Grade Hanging-wall Open for Expansion

- Hanging-wall system still sparsely drilled
- Open down plunge, along strike and to the east
- Near surface improved grade makes for excellent drill targets

The models are reported above nominal RLs (180 mRL – this is approximately 180 metres below surface (mbs) (accounting for localised variations in topography) for the Apollo Hill main zone and 260 mRL or 90mbs for Ra the deposit and the Apollo Hill Hanging-walls – refer to reporting RLs illustrated on other slides and nominal 0.5g/t Au lower cut-off grade for all material types. Classification is according to JORC Code Mineral Resource categories. Totals may vary due to rounded figures.



# Recent Excellent Drill Results

## Early 2020

- High grade step out and extensional results include:

8m @ 12.9g/t Au from 126m within

14m @ 7.75g/t Au from 120m, and;

5m @ 8.03g/t Au from 111m – AHRC0330<sup>a</sup>.

12m @ 9.98g/t Au from 269m;

36m @ 1.32g/t Au from 183m including 11m @ 3.28g/t Au from 208m;

13m @ 1.2g/t Au from 301m including 4m @ 3.63g/t Au from 301m – AHRC0312<sup>a</sup>.

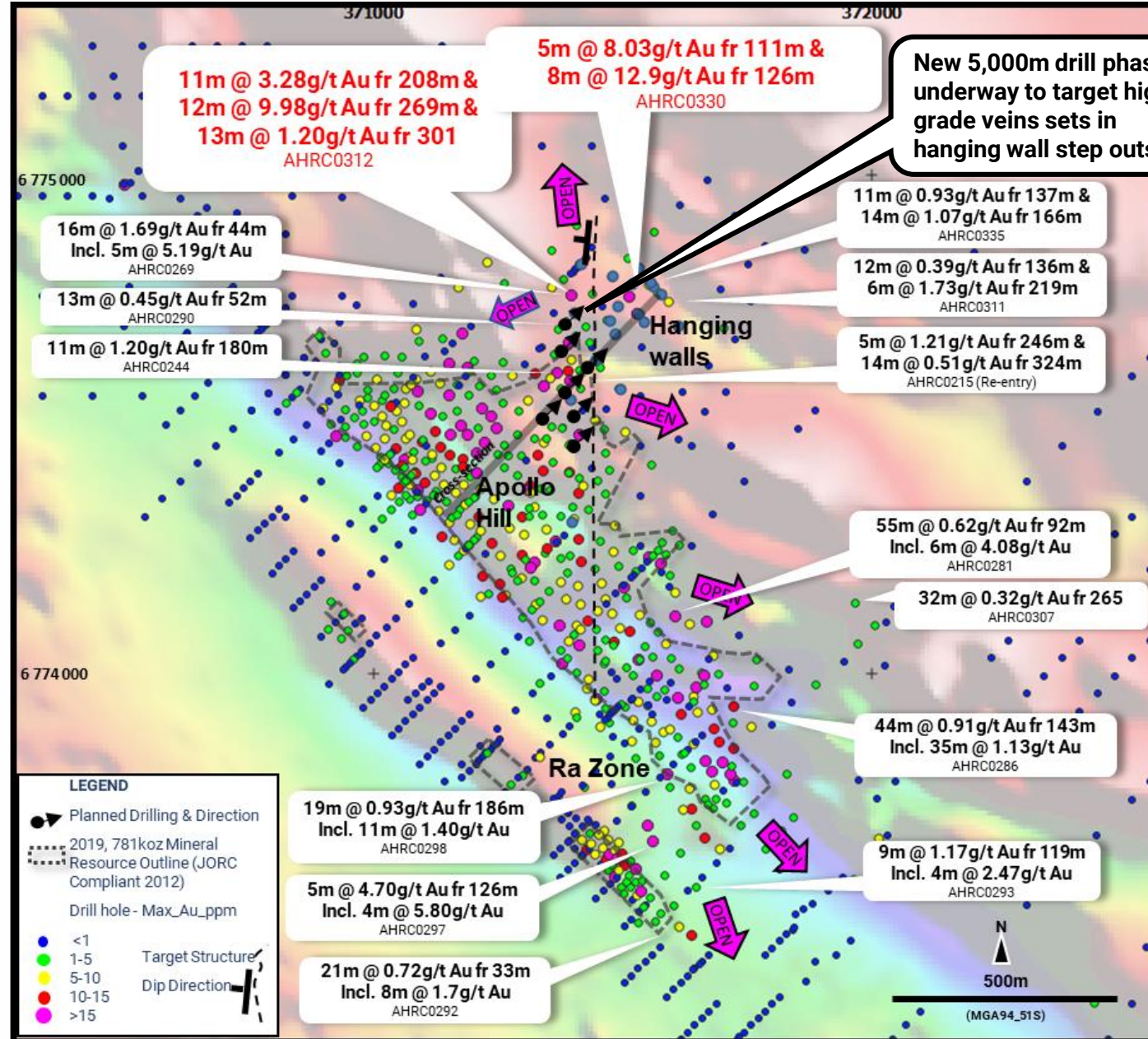
- 20,000m of drilling completed since last Resource upgrade; other shallow results not included in the Mineral Resource include:

5m @ 4.70g/t Au from 126m – AHRC0297<sup>a</sup>;

6m @ 4.08g/t Au from 108m within 55m @ 0.62g/t Au from 92m – AHRC0281<sup>a</sup>;

14m @ 1.40g/t Au from 133m – AHRC0291<sup>a</sup>;

5m @ 5.19g/t Au from 44m – AHRC0269<sup>a</sup>



**New 5,000m drill phase underway to target high grade veins sets in hanging wall step outs**

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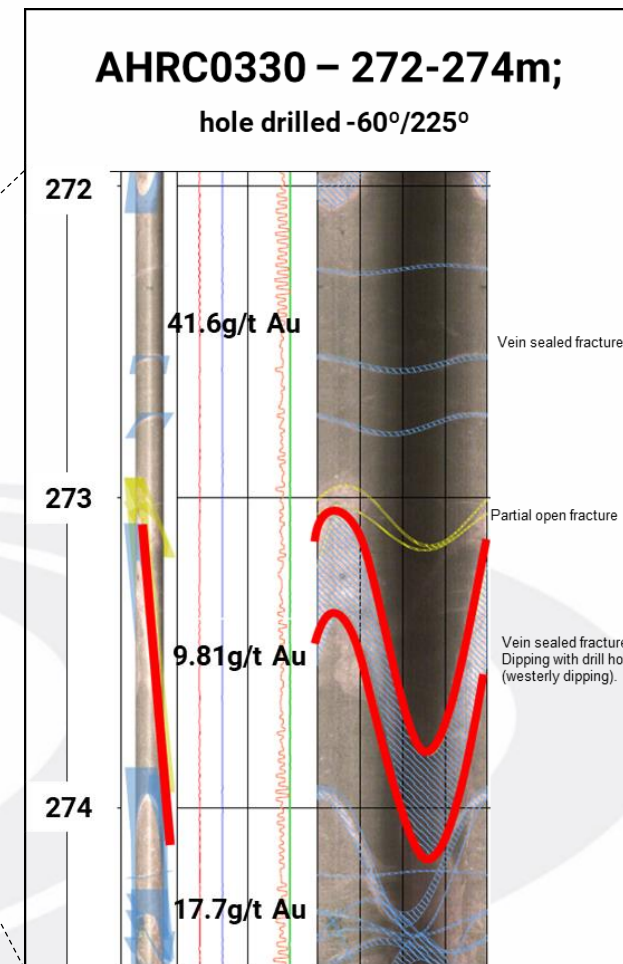
# Robust Repeatable High-Grade Intersections

ABIM Solutions Optical  
Televiever interpretation  
and image

12m @ 9.98g/t Au  
from 269m  
(AHRC0312)



8m @ 12.9g/t Au from  
126m (AHRC0330)



\*Intersections approximately 100m apart vertically and horizontally

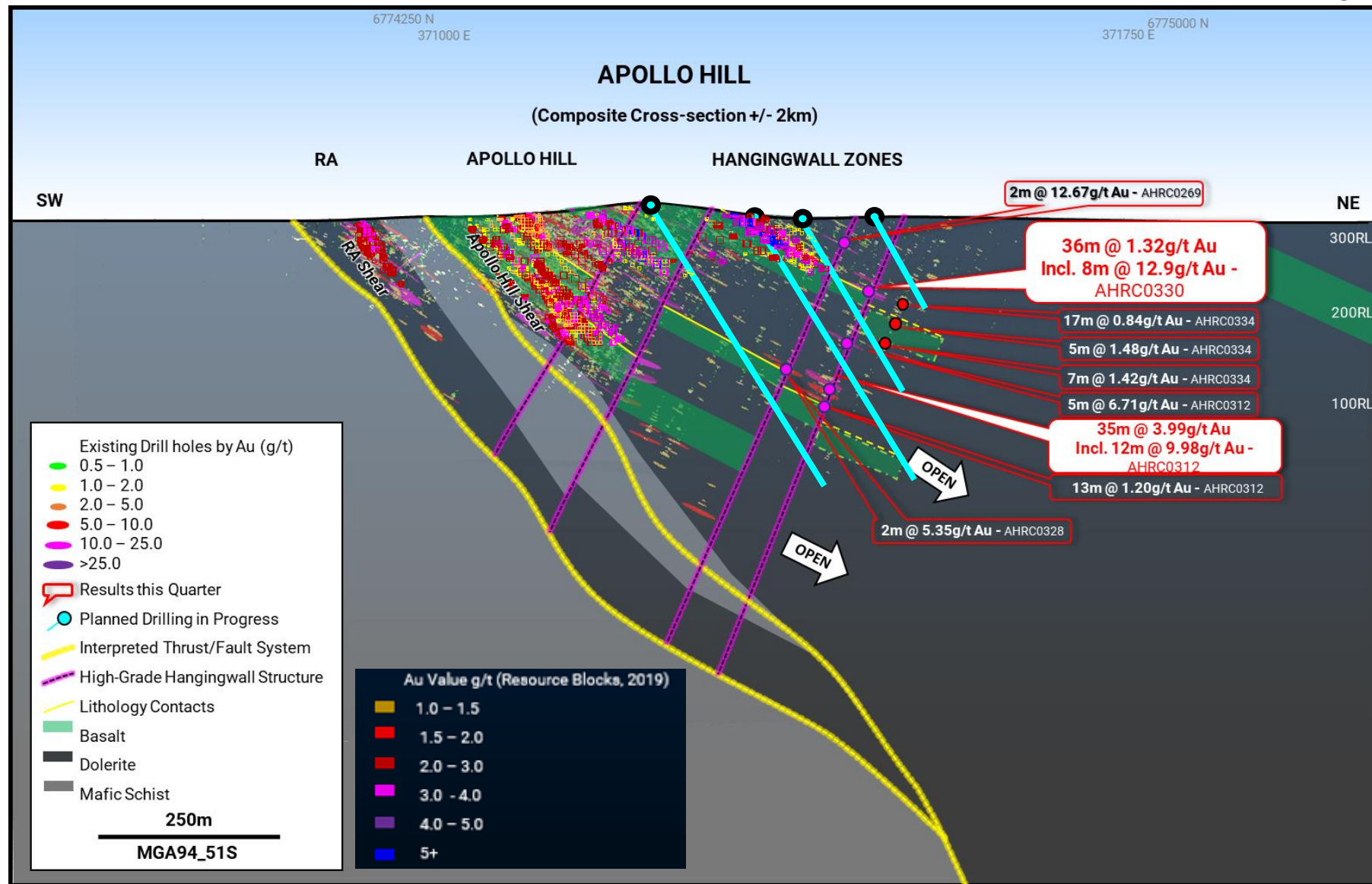
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# Drilling Underway – Results Confirm Big Picture

Step out holes test the high-grade picture – assays pending

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- Chemistry in hanging-wall dolerites is improving grade
- System now 500m wide
- Drilling and results significantly outside of Resource
- 5,000m RC program underway targeting interpreted high grade westerly dipping vein sets
- Assays pending





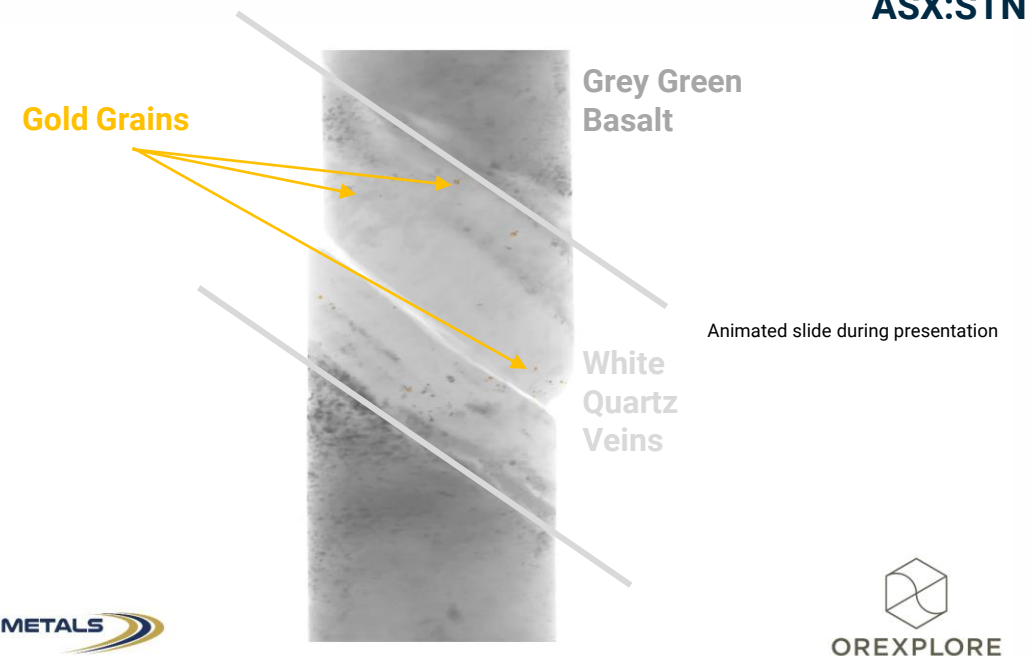
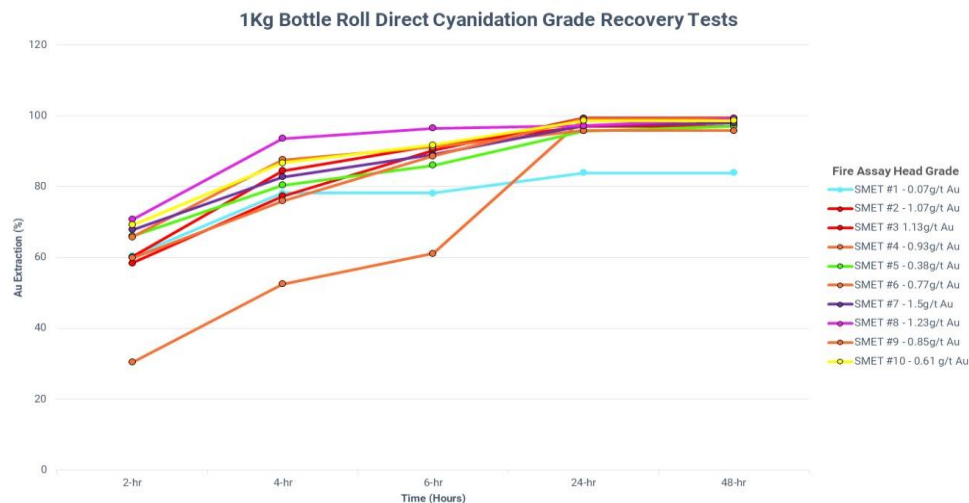
# Metallurgical test work has shown excellent gold extraction characteristics for easily recoverable gold

## CONVENTIONAL AND GRAVITY

- More than 60% recovery by gravity
- Greater than 92% gold recovery conventional (at only 300 µm grind); 98% achieved at 90 µm grind
- Potential for lower energy use in grinding.
- BMWI – 16 kWh/t – average hardness.
- Rapid leach times - Low reagent use; cyanide consumption (on average 0.22kg/t) and low lime consumption (on average 0.55kg/t)
- Coarse, free-milling nature of the gold within quartz veins

## GRADE RECOVERY CURVE

- Strong gold recovery was possible at lower grades (eg. see graph SMET#5 @ 0.38g/t Au 91% recovery in 24 hours)



## LEACHING (Heap)

- Coarse grind size gold recovery is encouraging with high permeability and low agglomeration requirements

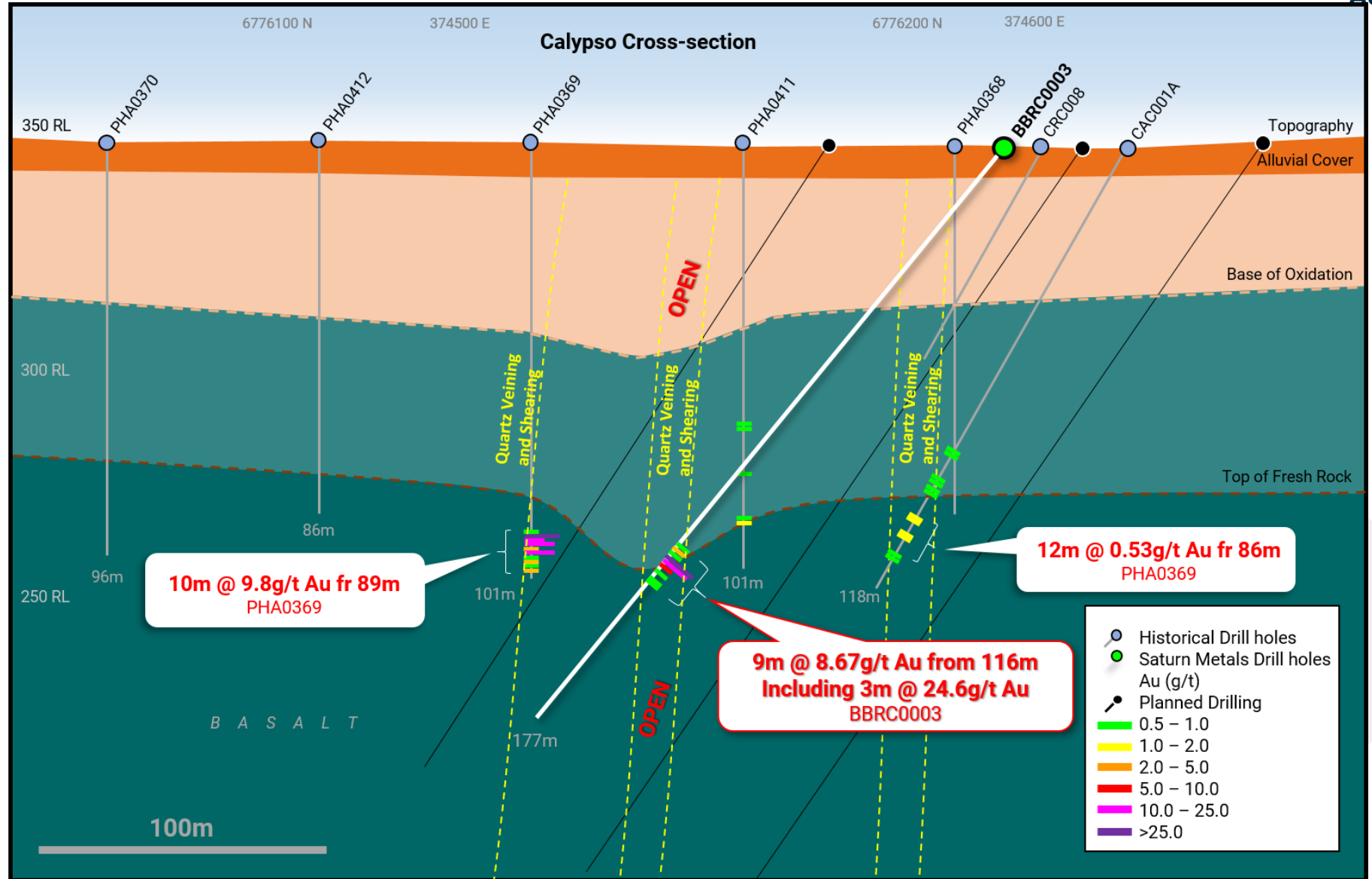
Grind Size	Au Recovery	Recovery after two weeks
-8mm	77%	67%
-4mm	69%	54%

# Satellite Prospect - Calypso

## Potential for a Significant High-Grade Discovery

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- New RC intercept of 9m @ 8.67g/t Au from 116m inc. 3m @ 24.6g/t Au - BBRC0003<sup>a</sup>
- Only 3.5km NE of Apollo Hill
- Follows up on significant Aircore intercept of 10m @ 9.8g/t Au from 89m - PHA0369<sup>a</sup>

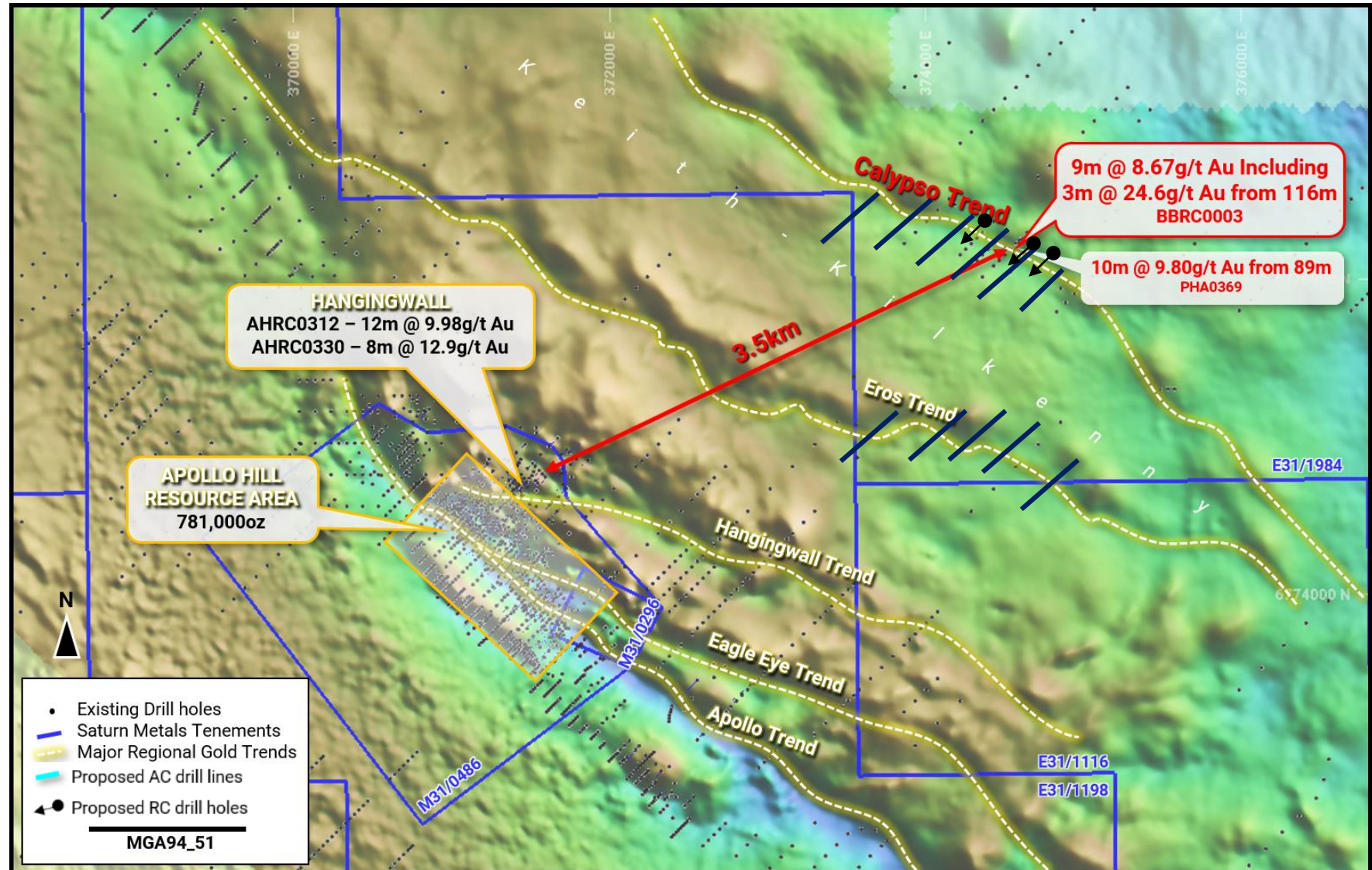


# Satellite Prospect - Calypso

Structural Interpretation could highlight a Camp Scale Opportunity

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- Open along strike
- New important trends recognised at:
  - Eros
  - Calypso
  - Hangingwall
  - Eagle Eye
- 5,000m of follow up Aircore and RC drilling planned to test camp scale opportunity



Animated slide during presentation

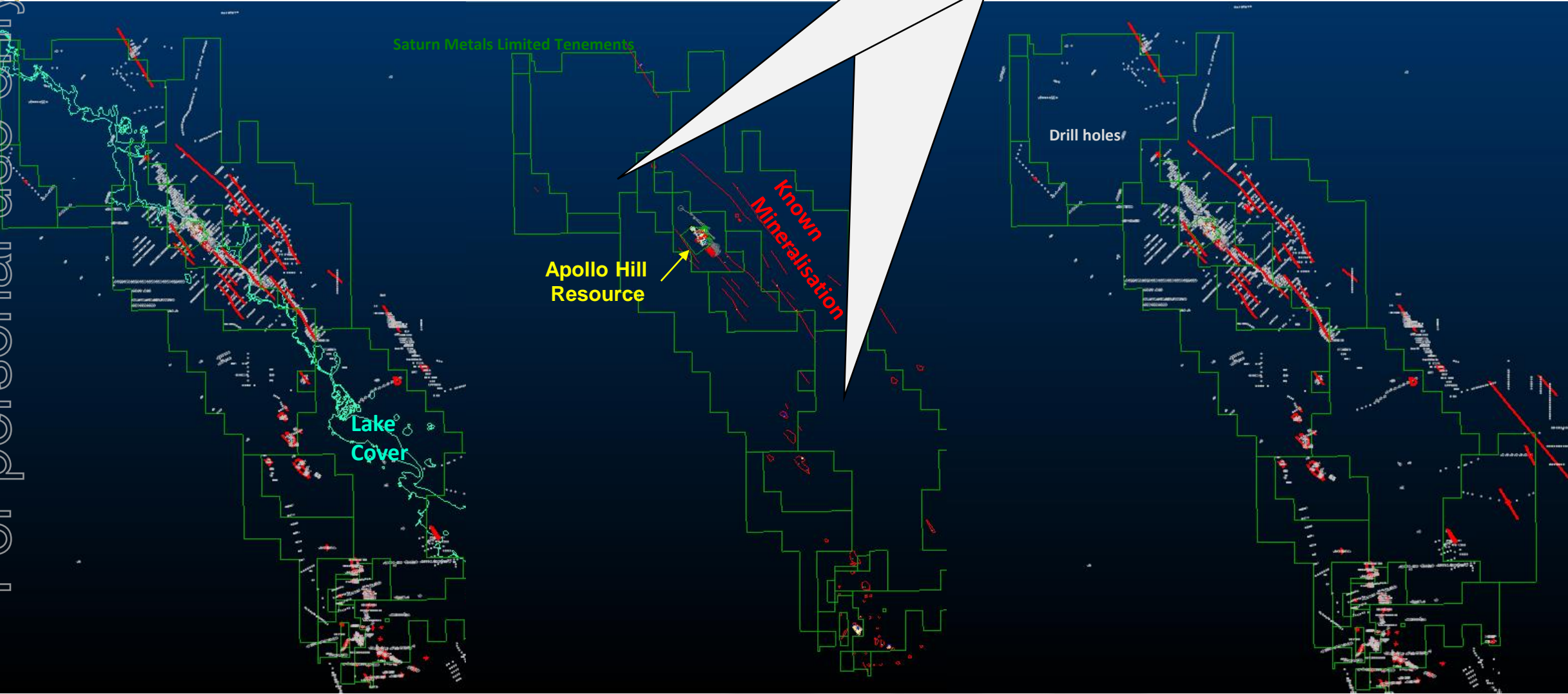
# Regional Potential

## Under Cover and Minimal Exploration

- +1,000km<sup>2</sup> of Greenfields land package starting to yield results

Opportunity along strike under cover – sparse drilling; more drilling planned

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# Growth

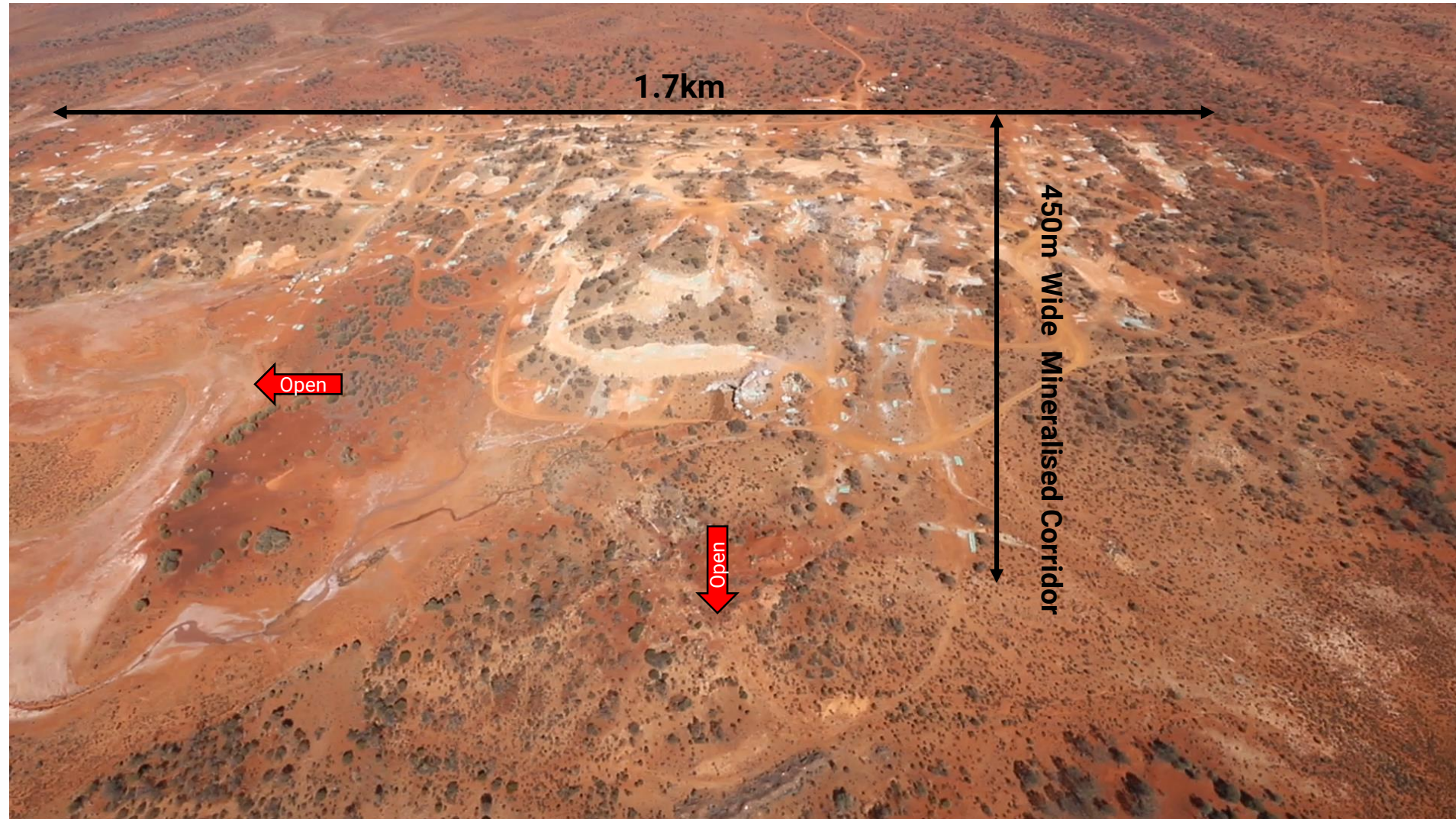
A simple, single pit with potential to encompass all the growing Mineral Resource

- Mineralisation from surface
- Expanding width
- Single Large Deposit

## Planned during the Quarter

- 5,000m of RC drilling targeting high grade trends at Apollo Hill
- 5,000m of Aircore targeting the Calypso and Eros camp Scale Opportunity

Drilling to target further Resource upgrade later in 2020



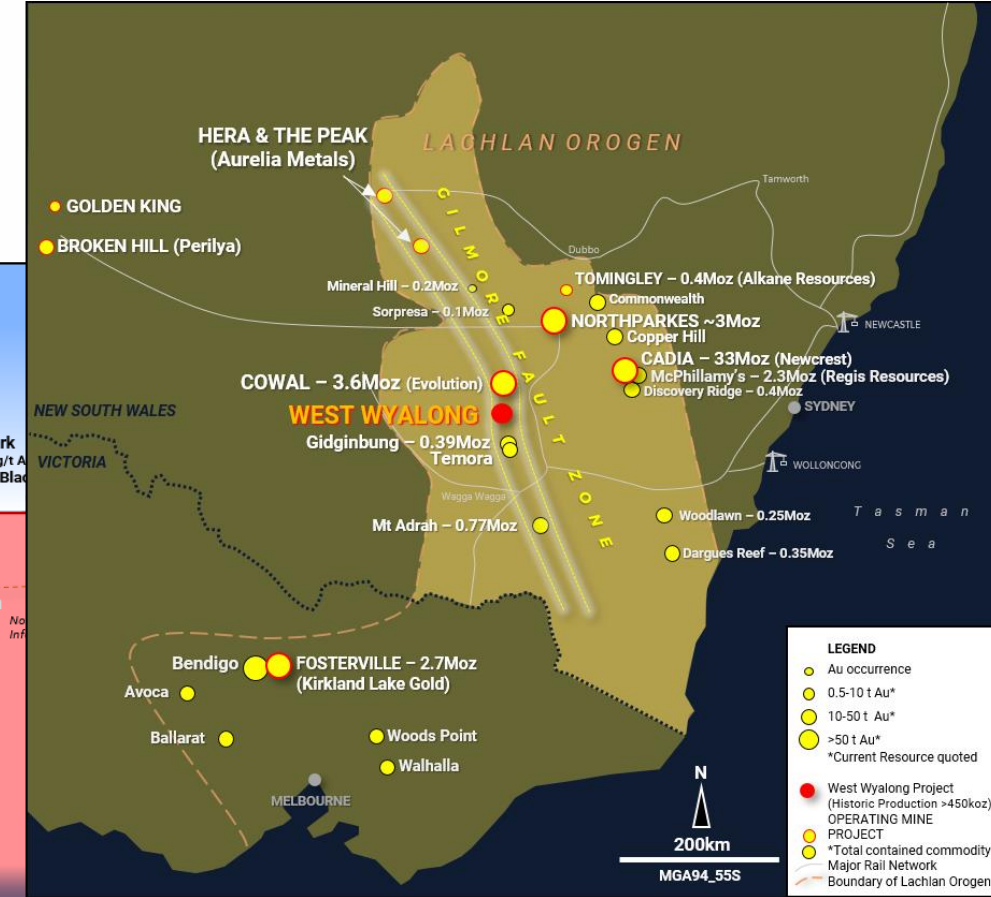
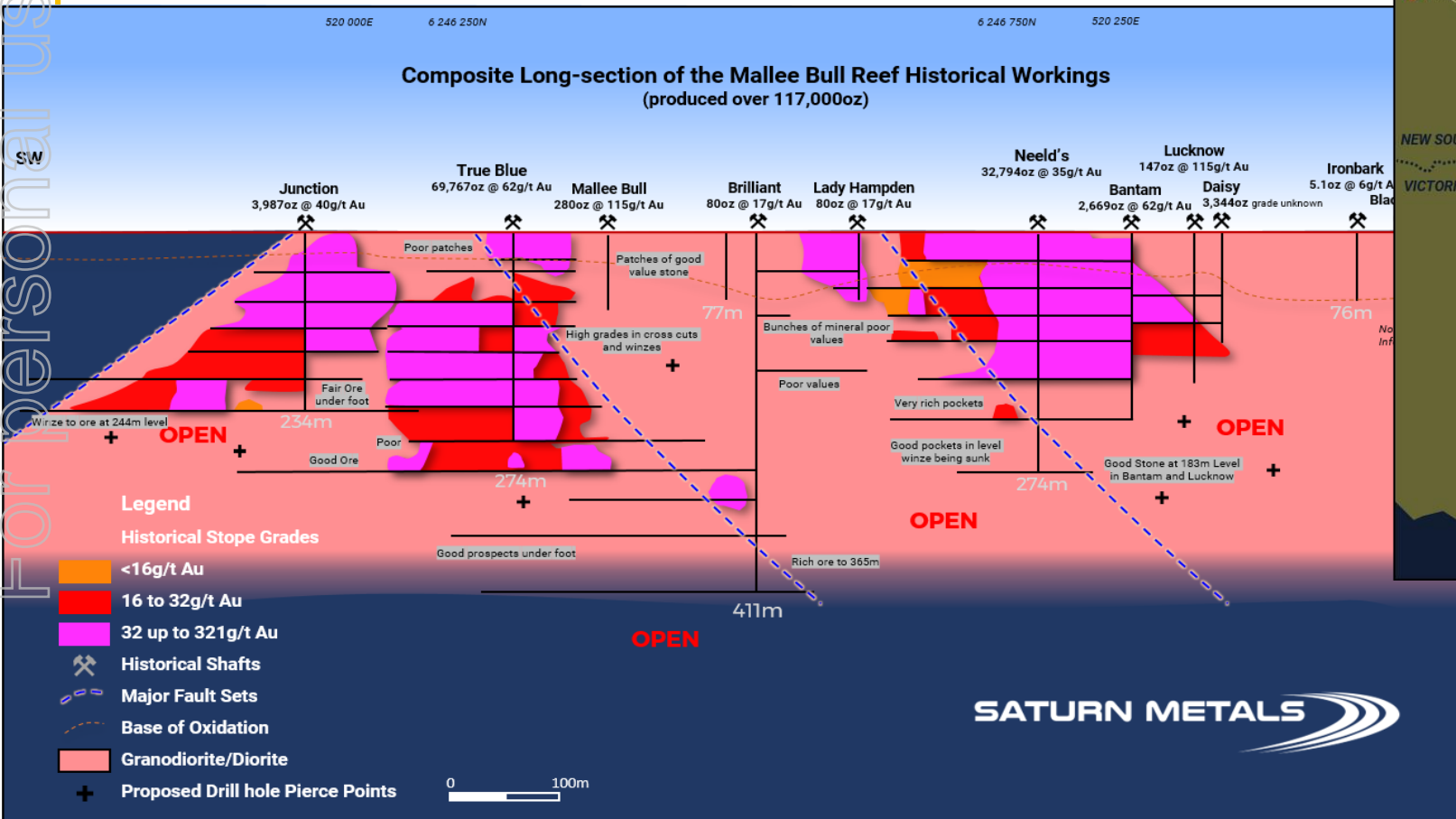
Animated slide during presentation; video taken July 2019

# West Wyalong Joint Venture Agreement

## High Grade Vein Opportunity in Tier 1 Australian Gold Provenance

- Production from the West Wyalong Goldfield, 1894 and 1915, ~439,000 oz Au at 36g/t Au<sup>a1</sup>
- West Wyalong mines are shallow by current standards and mineralisation is open down dip and plunge.
- Saturn can earn 85%, by spending a total of \$2.1 million over approximately 4 years (see ASX Announcement 28 April 2020 for details).

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(a1) GS1928/007 Geological Survey of New South Wales (1975) Annual Report Compilation, West Wyalong Division – Forbes Sheet R0018585 Table of historic production figures p.41/p42)

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<sup>1</sup>The information on the Apollo Hill JORC Compliant Mineral Resource is extracted from the report entitled 'Apollo Hill Gold Resource Upgraded to 781,000oz' created on 14 October 2019 and is available to view on the Saturn Metals Limited website ([www.saturnmetals.com.au](http://www.saturnmetals.com.au) – ASX Announcements). The company confirms that it is not aware of any new information or data that materially affects the information included in the original market announcement and, in the case of estimates of Mineral Resources or Ore Reserves, that all material assumptions and technical parameters underpinning the estimates in the relevant market announcement continue to apply and have not materially changed. The company confirms that the form and context in which the Competent Person's findings are presented have not been materially modified from the original market announcement.<sup>1</sup>

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