TREK
METALS LIMITED



# EXPLORING FOR PILBARA GOLD

November 2020 Resource Rising Stars
ASX: TKM

REPOSITIONED, RECAPITALISED AND REFOCUSED ON VALUE-CREATING GOLD EXPLORATION IN AUSTRALIA'S WORLD-CLASS PILBARA REGION

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*Statements regarding plans with respect to the Company's mineral properties are forward looking statements. There can be no assurance that the Company's plans for development of its mineral properties will proceed as expected. There can be no assurance that the Company will be able to confirm the presence of mineral deposits, that any mineralisation will prove to be economic or that a mine will successfully be developed on any of the Company's mineral properties*

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# COMPETENT PERSON STATEMENT

*The information in this announcement relating to Exploration Results and Mineral Resources is based on information compiled by the Company's Managing Director, Mr John Young, a competent person, who is a Member of the Australian Institute of Mining and Metallurgy. Mr Young has sufficient experience relevant to the style of mineralisation and to the type of activity described 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 Young has disclosed to the Company that he is a shareholder in the Company. Mr Young consents to the inclusion in this announcement of the matters based on his information in the form and content in which it appears. Full details are provided in the ASX Release dated 5 August 2020 – "Trek Exercises Option to Acquire Highly Prospective Pilbara Gold Portfolio".*

# INVESTMENT OVERVIEW

- Portfolio of high-potential gold exploration projects located in the Pilbara Region of Western Australia
- Exploration focused on both intrusion- and VMS-related gold mineralisation
  - Targeting large-scale deposits
  - Under-explored region
  - Located near world-class, established mining infrastructure
  - Highly experienced board and team – includes founding members of mid-tier resource companies Pilbara Minerals and Bardoc Gold
- Immediate drill targets identified within granted tenure

# CORPORATE OVERVIEW

## CORPORATE STRUCTURE

| | |
|---|---|
| ASX Code | TKM |
| Shares on Issue | 210 million |
| Market Capitalisation | ~$14.7 million (at 7c) |
| Top 20 Shareholders | 48% |
| Board & Management | 10% |
| Cash at 30 September 2020 | ~$2.47 million |

## BOARD OF DIRECTORS

| | |
|---|---|
| Tony Leibowitz | Non-Executive Chairman |
| John Young | Executive Director |
| Neil Biddle | Non-Executive Director |

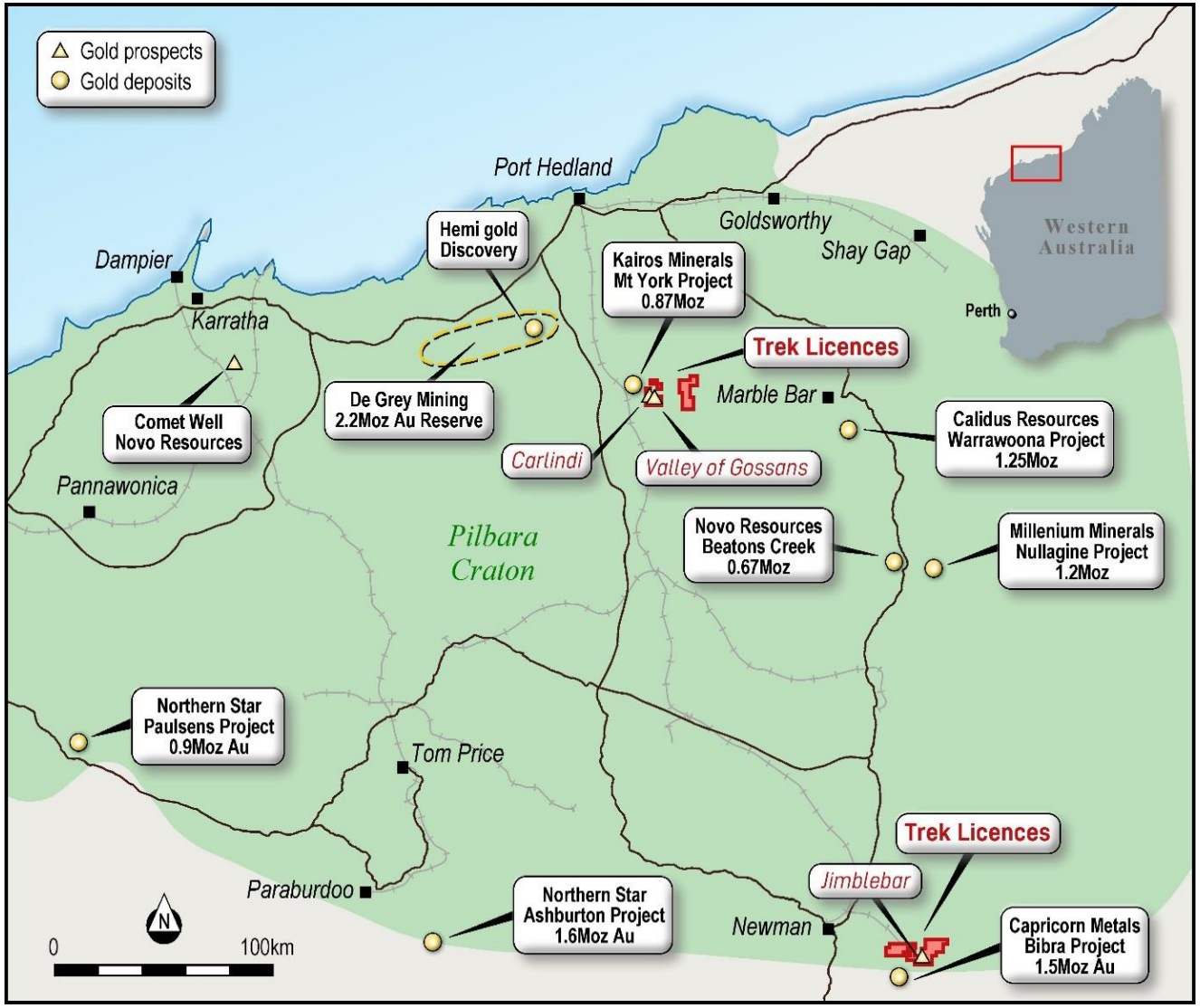
## MANAGEMENT & TECHNICAL TEAM

| | |
|---|---|
| Russell Hardwick | Chief Financial Officer/Company Secretary |
| Leo Horn | Exploration Consultant |



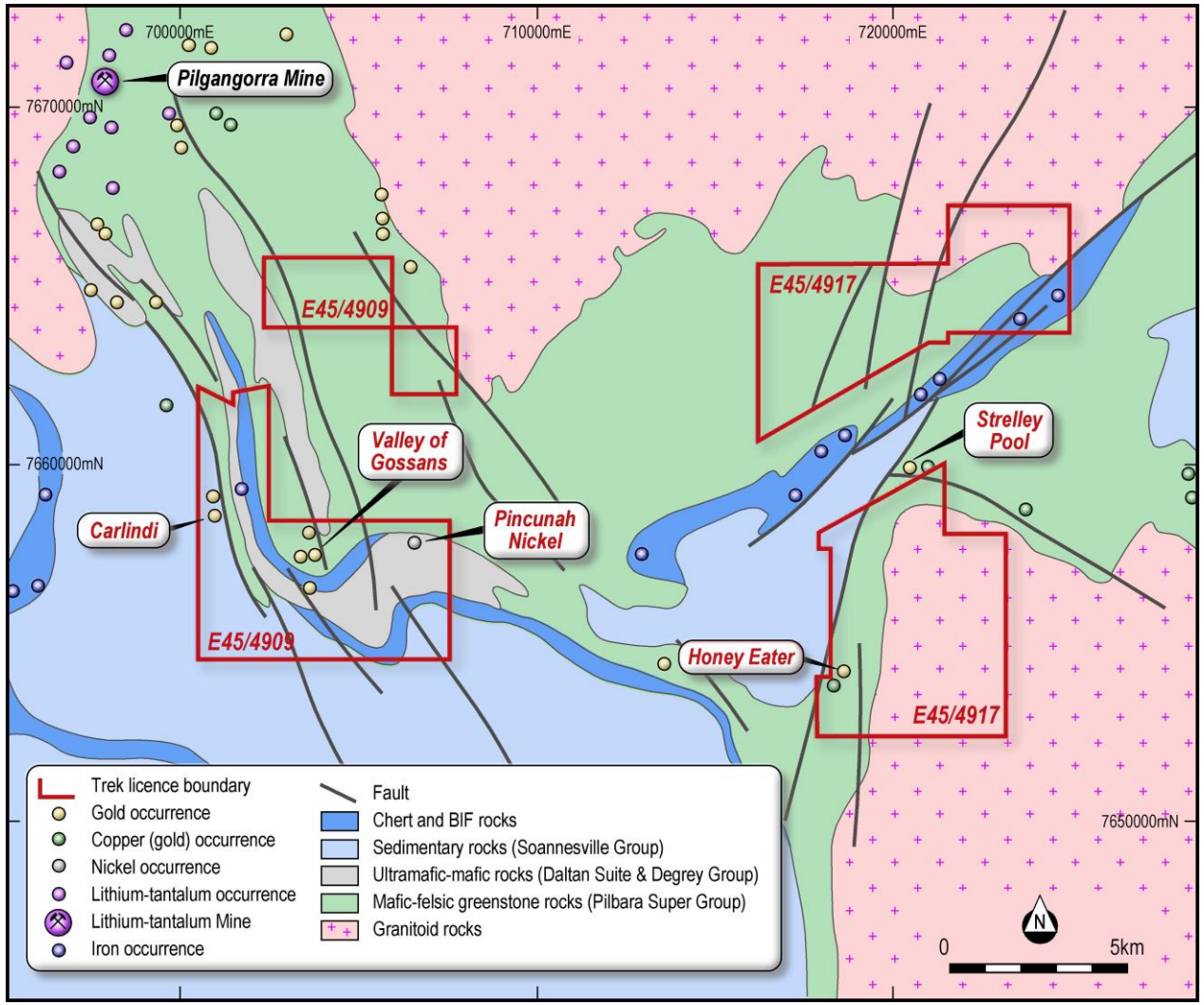
# WESTERN AUSTRALIA – GOLD STRATEGY

- Two project Areas, four Exploration Licences – Pincunah and Jimblebar, all located in the Pilbara Region of WA
- All within Archaean greenstone belts
- Total area covers 267km$^2$
- Several advanced prospects with historical drilling
- Prospective for intrusion-related gold and VMS deposits



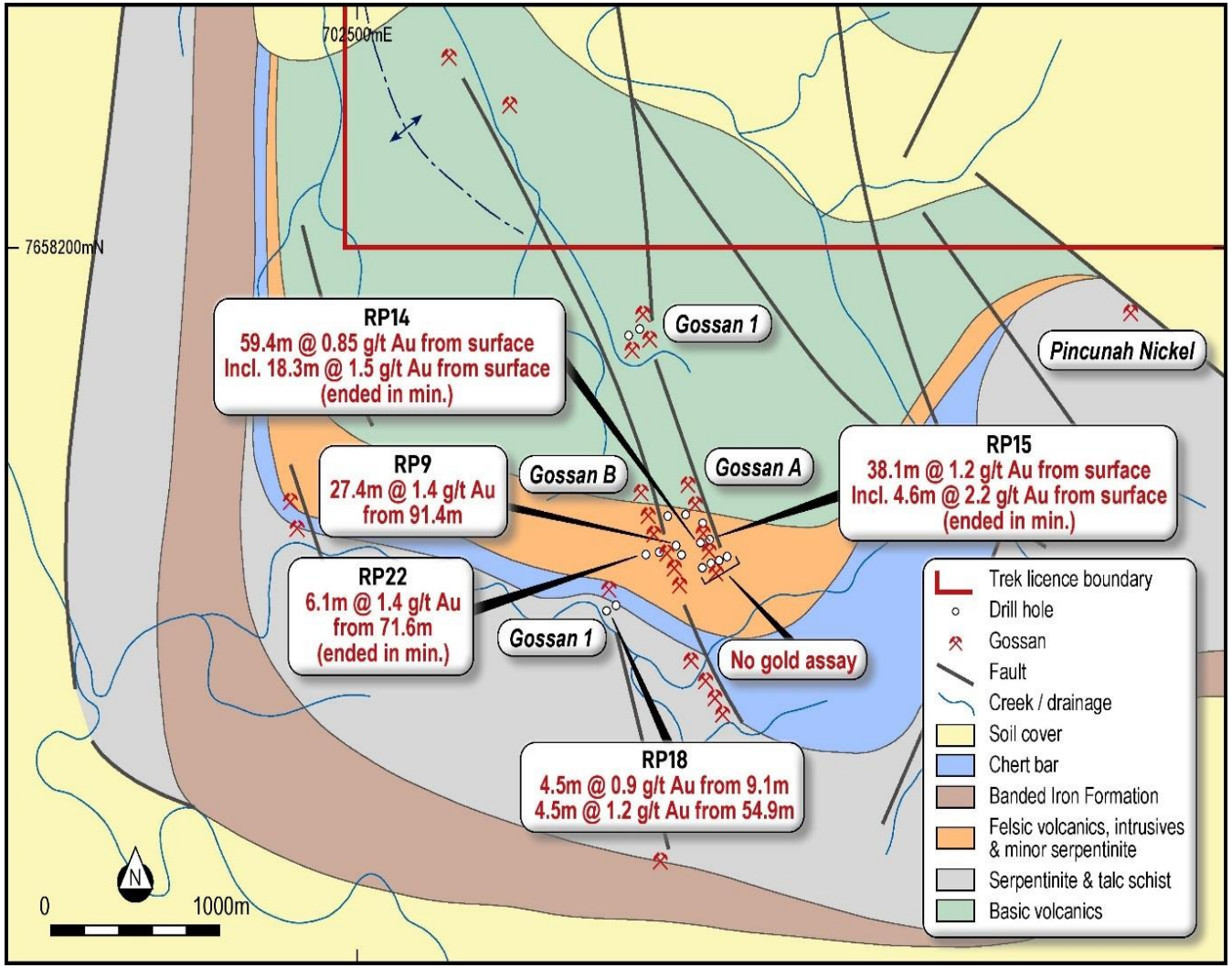
# PINCUNAH PROJECT

- Located 70km west of Marble Bar and 100km south of Port Hedland
- Several gold, nickel and copper prospects within the Pilgangoora syncline, host to a suite of Felsic-Mafic to Ultramafic Volcanics
- Host to Kairos Minerals' (ASX: KAI) **873,500oz** JORC Mineral Resource
- Located adjacent to the world-class Pilbara Minerals' (ASX: PLS) Pilgangoora lithium mining complex

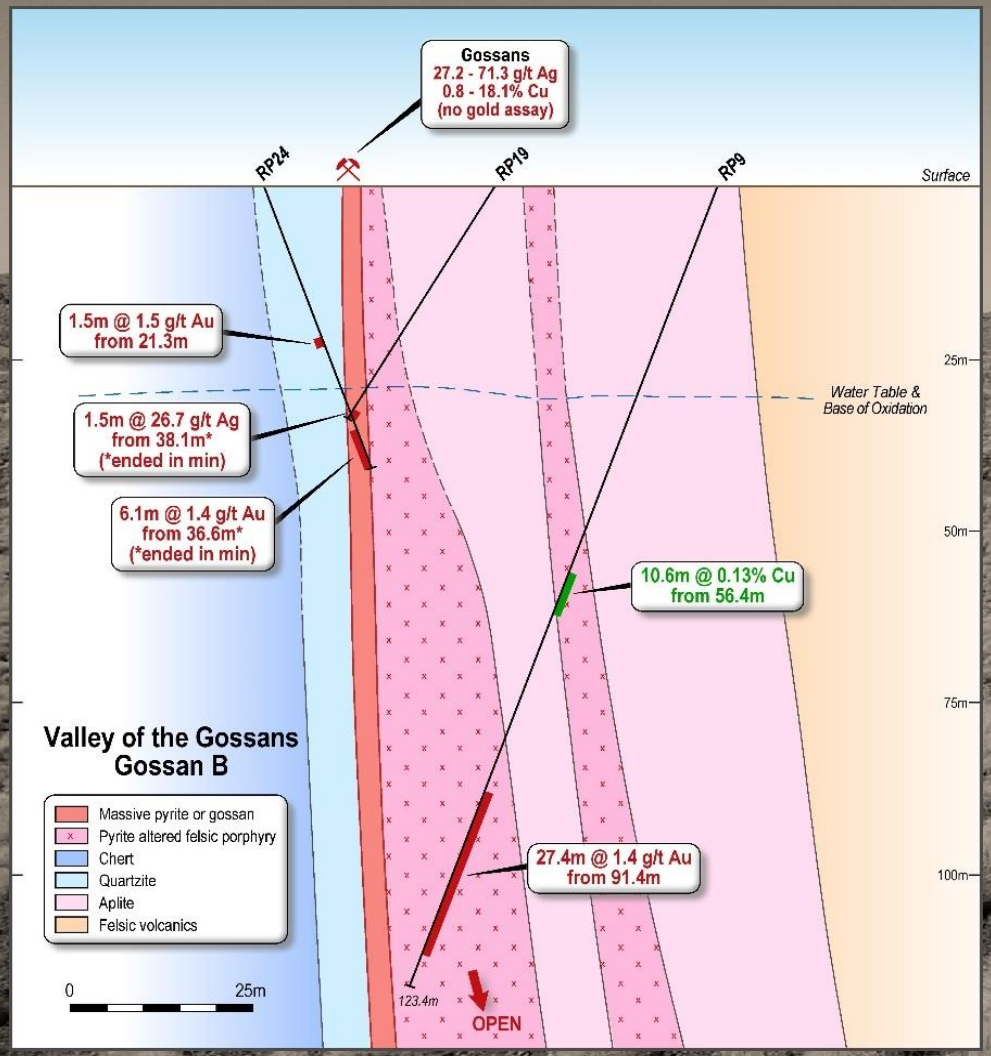


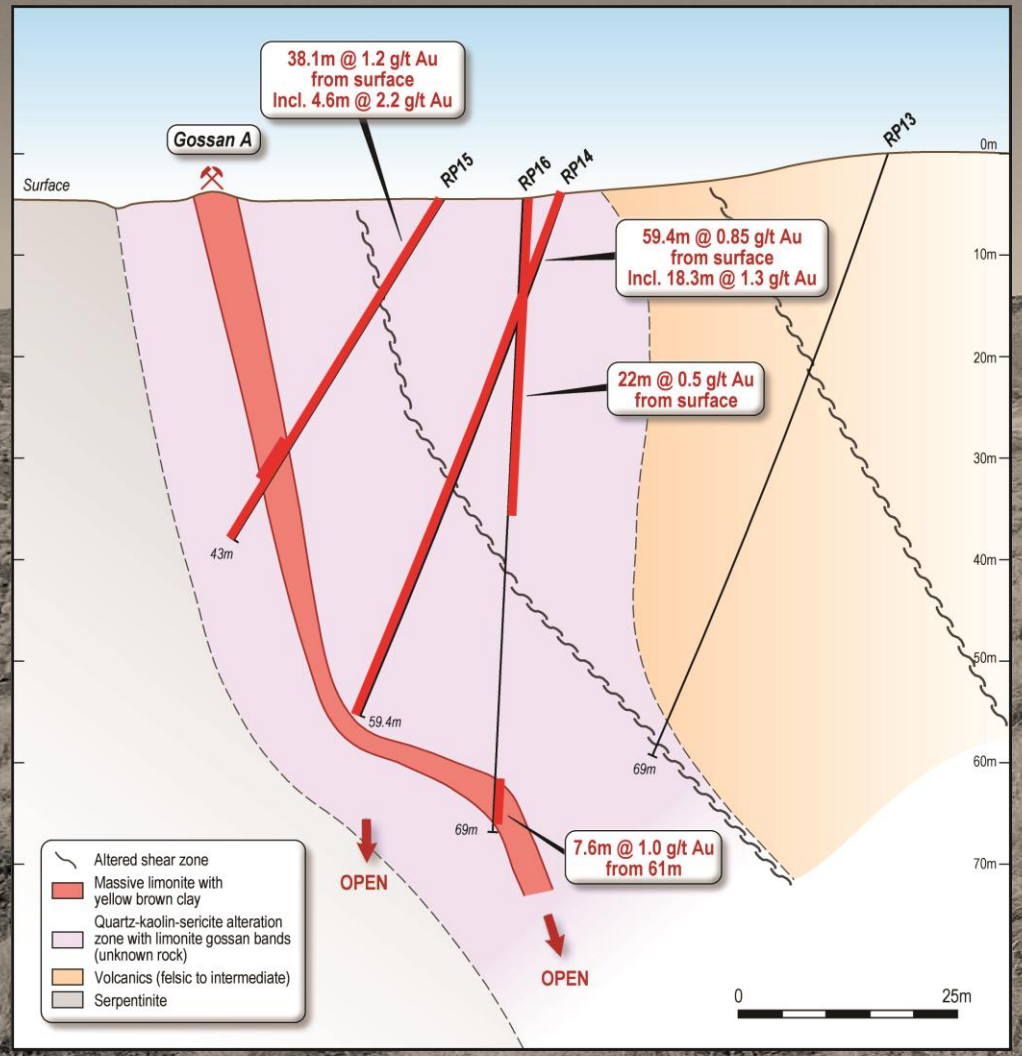
# PINCUNAH – VALLEY OF THE GOSSANS

- Last explored by PMI in 1969
- Several nickel and copper gossans. 1,800m of historical percussion drilling with intervals up to 38m @ 1.20g/t Au and associated high Ag values
- Original surface exploration did not assay for gold
- Gold and silver mineralisation in brecciated and sheared felsic porphyry to ultramafic lithologies with quartz veining, pyrite and arsenopyrite
- Pincunah nickel gossan with surface values of 0.8% Ni



# PINCUNAH – VALLEY OF THE GOSSANS



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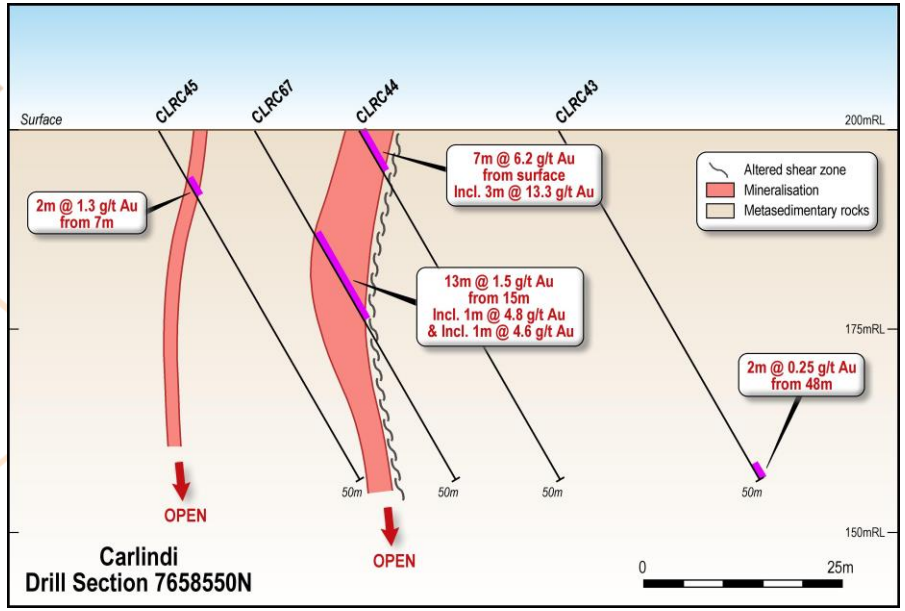


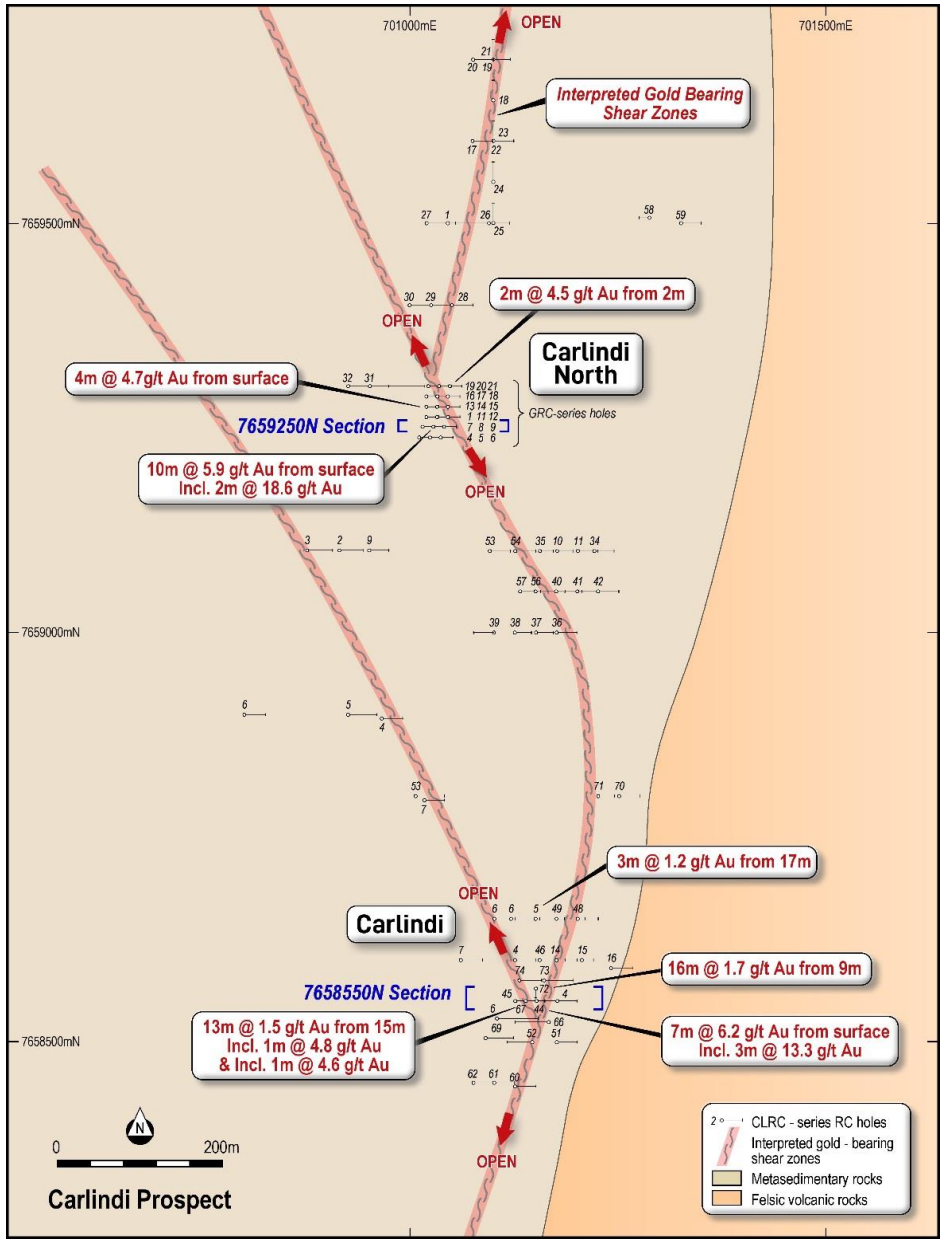


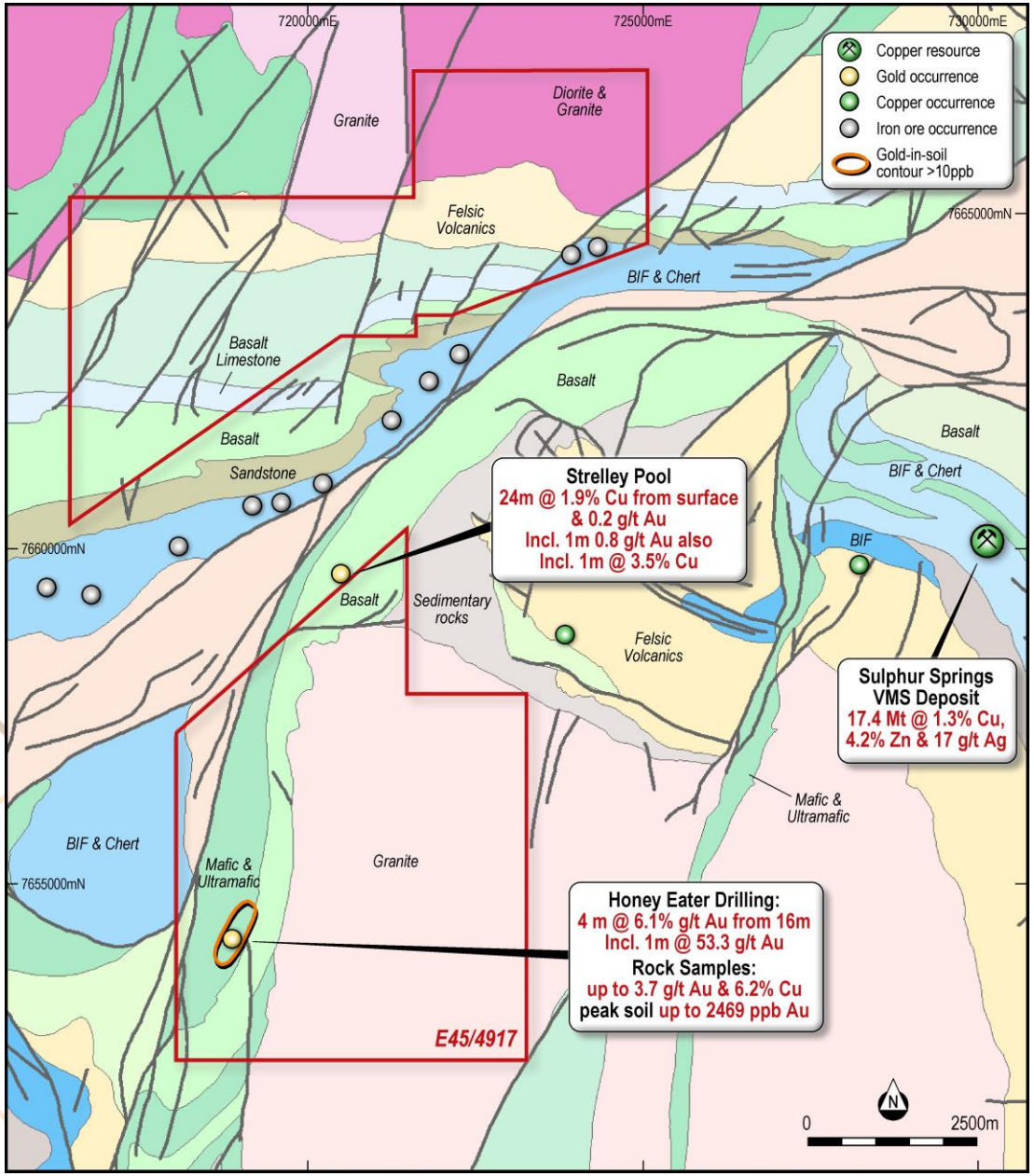
# PINCUNAH – CARLINDI

- Explored by Lynas Gold in 1997, 34 shallow RC holes completed for 1754m,
- <u>Carlindi Shear can be traced for over 6kms</u>
- Only 1km tested with shallow drilling to 50m
- The gold is hosted within the Archaean Colby sedimentary formation which also contains internal mafic volcanic variants
- The best drilling intersections are:

  - **10m at 5.9g/t Au** from surface in GRC09 at Carlindi North
  - **7m at 6.2g/t Au** from surface in CLRC44 at Carlindi



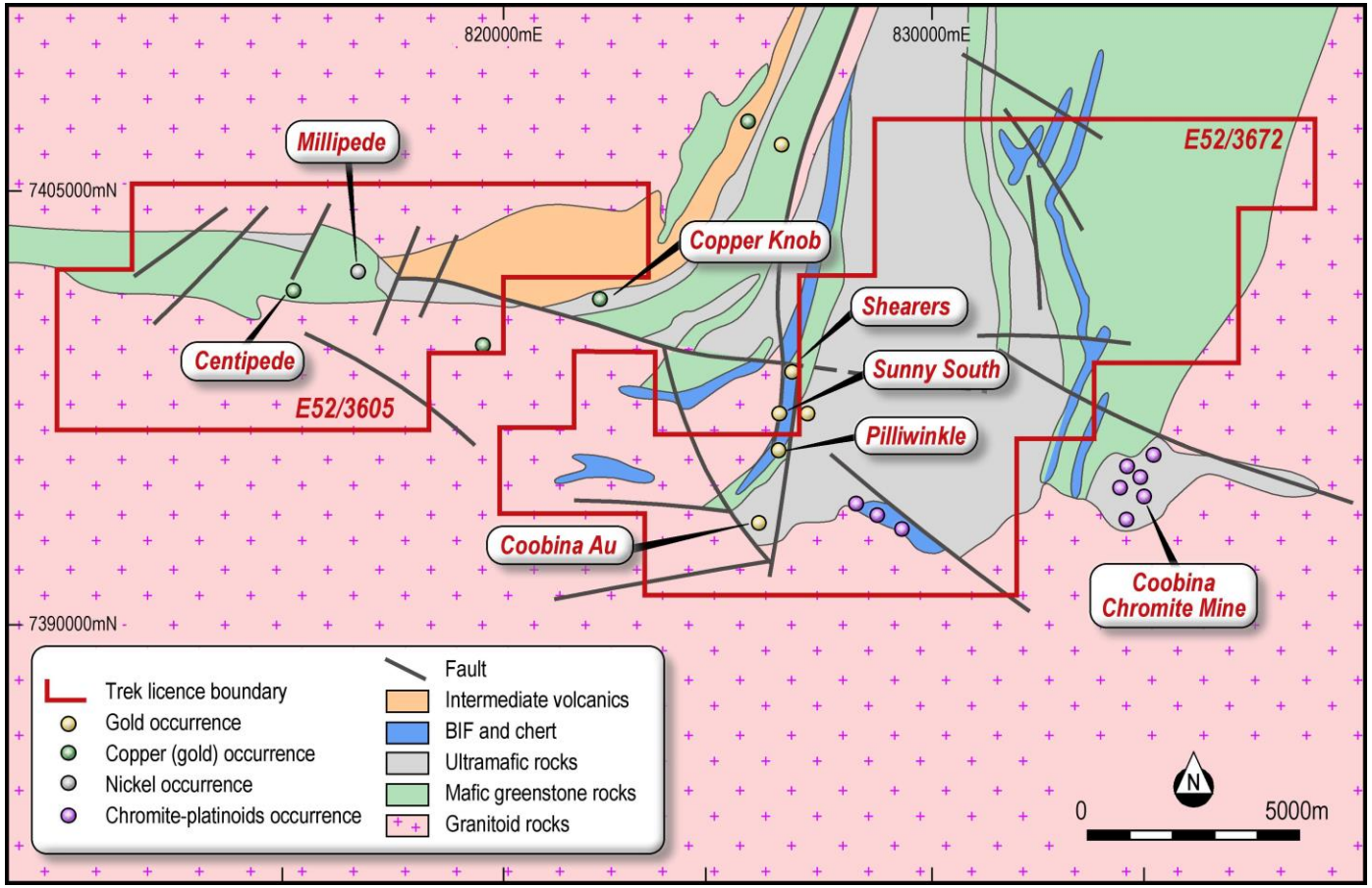



# PINCUNAH EAST –HONEYEATER

- The Honeyeater prospect was Explored by Lynas Gold NL in 1997
- Sulphur Springs VMS deposit (ASX:VXR) located 10km to the north-east
- 13 shallow RC drill-holes for 368m to target soil geochemistry anomalies with peak values up to **2,469 ppb gold and 2,200 ppm copper**
- Several anomalous intersections >0.1 g/t gold were intersected with the standout result of:
  - **4m at 6.1 g/t Au** from 16m in HERC02 including **1m at 53.3 g/t Au**
- Strelley Pool copper prospect 4-5km NNE

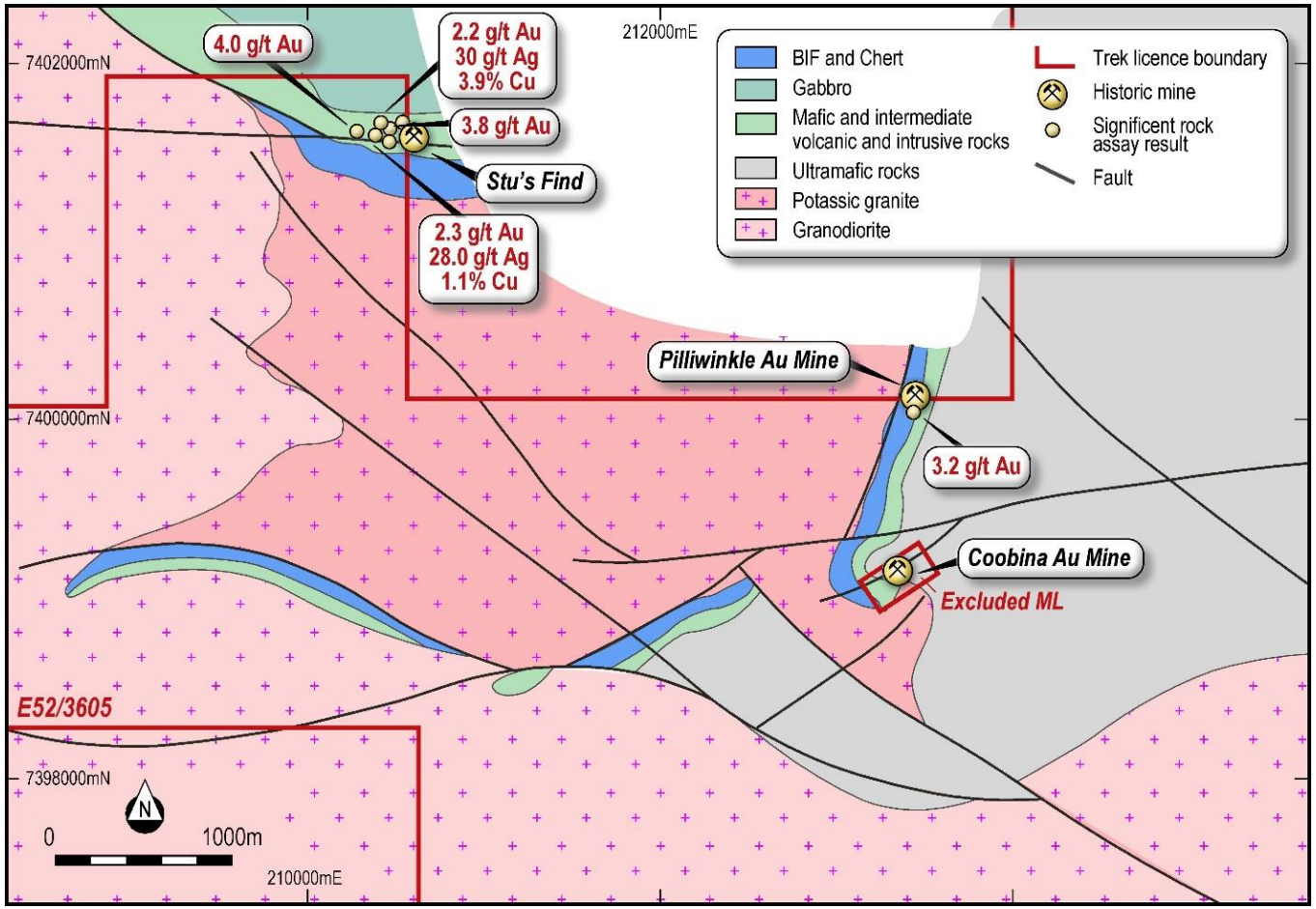
# JIMBLEBAR

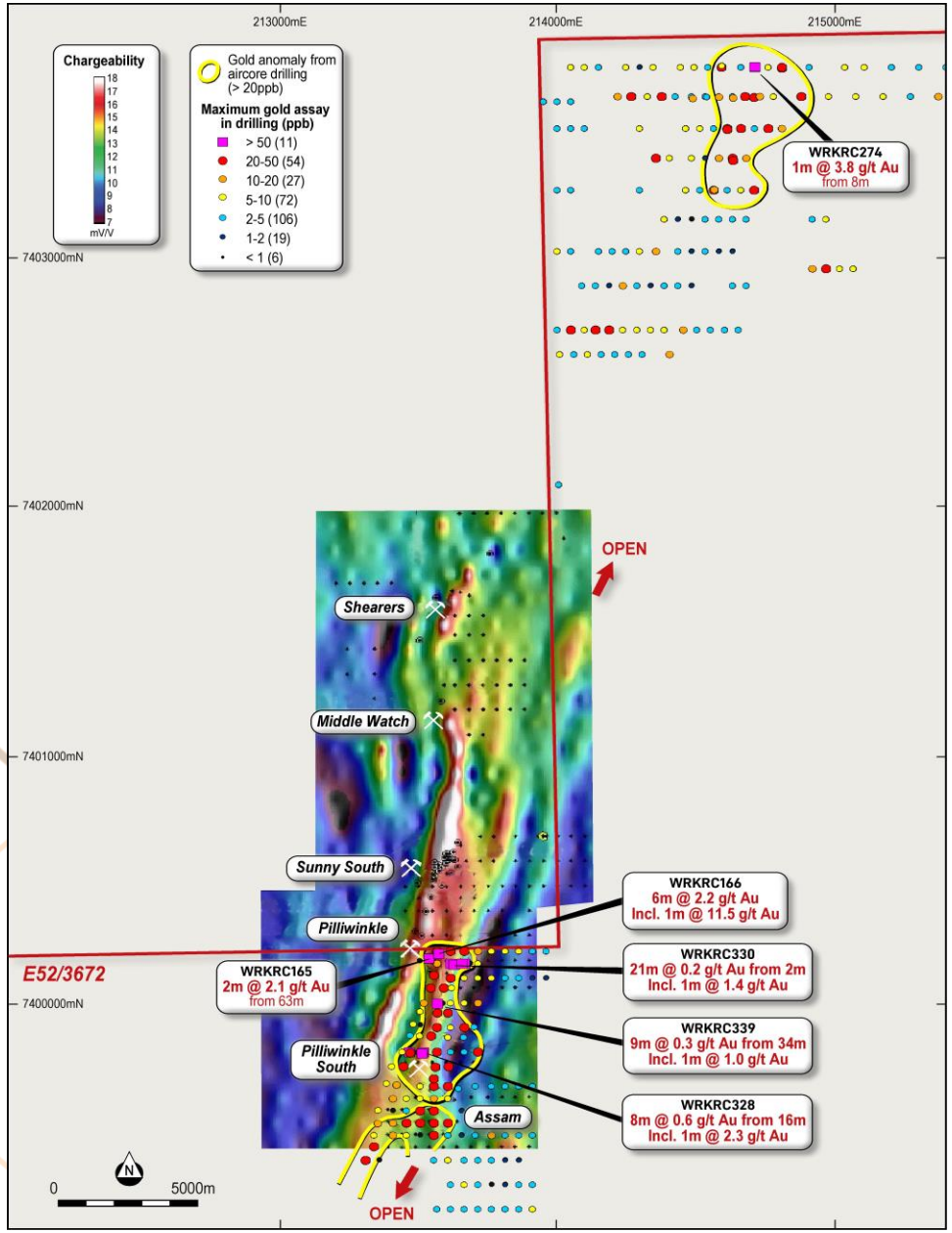
- 9km long Jimblebar greenstone belt is one of the least explored in WA, located 50km east of Newman
- Structurally controlled gold mineralisation in a number of settings
- Piliwinkle Mineralisation associated with dacitic to andesitic porphyry intrusives
- Strong Cu/Mo/Bi association (IRG)
- Centipede/Millipede VMS style mineralisation
- EL52/3672 to be granted soon



# JIMBLEBAR

- Reconnaissance work completed
- Two Prospects  Stu's Find and Pilliwinkle
- At Stu's find over 300m of extensive gold workings – not drill tested
- Rock chips of 1.60g/t  to 4.0 g/t Au, Cu, Bi and Mo  along the periphery of a potassic granite
- Pilliwinkle returned rock chips to 3.2g/t Au and the chert/bif contact zone can be traced for over 5.5kms






# JIMBLEBAR

- Previous explorers focused along the Pilliwinkle – Sunny South gold trend, at Pilliwinkle a 600m by 100m gold AC anomaly with peak values 1410ppm Au, coincide with elevated sulphur values
- Historical RC drilling by Warwick resources returned significant results
- Strong NNW trend untested
- Strong IP anomaly west of Pilliwinkle not tested
- Structurally controlled narrow high-grade gold mineralisation open to the south west for over 5kms

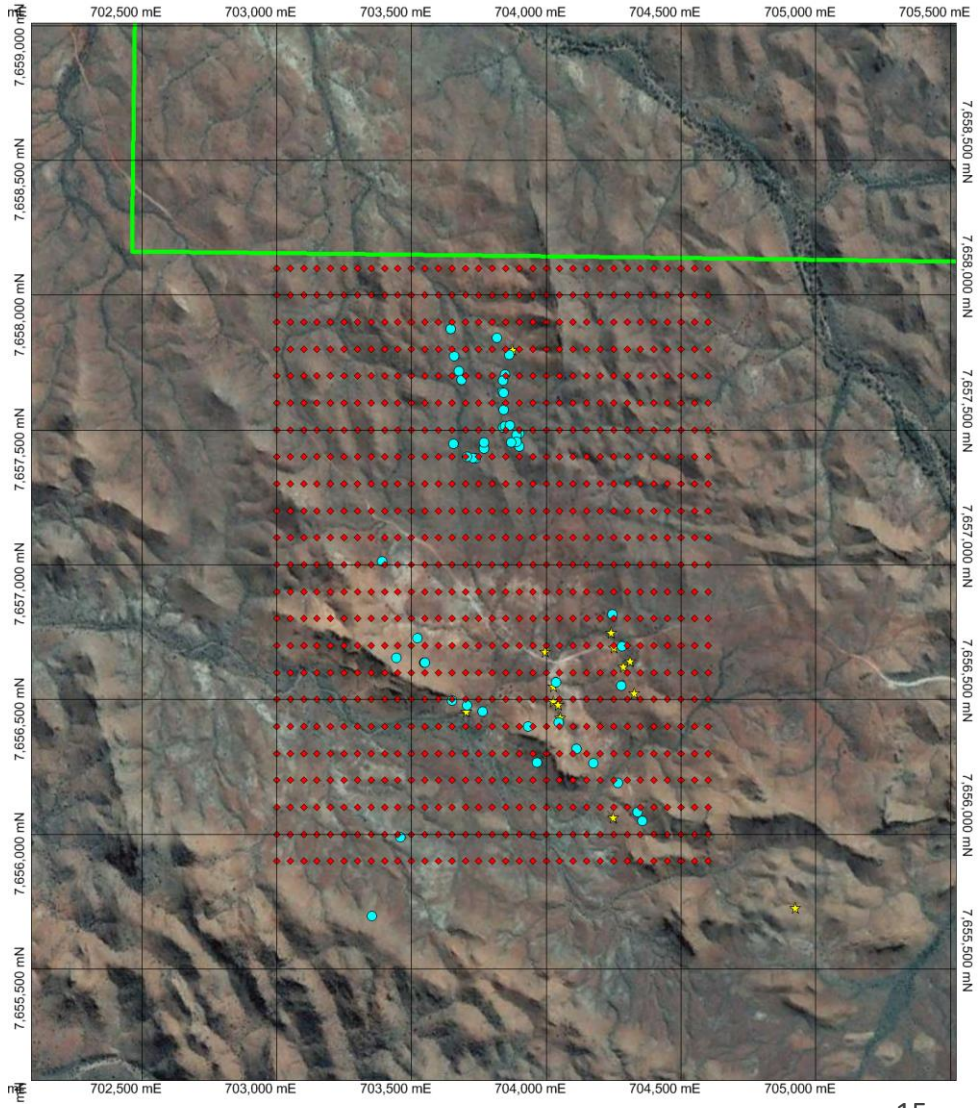
# NEXT STEPS …..

## Pincunah – Valley of the Gossans

- Initial ground reconnaissance completed
- Detailed soil survey, 50m by 100m Underway
- **IP orientation survey**
- Follow-up RC drilling at VOG 1, A & B
- Historical data review indicate that there are numerous shows numerous **gold and base metal anomalies to follow up**

## Jimblebar

- Initial ground reconnaissance completed
- We will initially explore using low-impact ground geophysics mapping and sampling






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**Approved for Release by:** John Young, Executive Director

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