



**Investor Presentation November 2020** 

A gold and base metals explorer diversifying into two world class jurisdictions and exploration areas: Western Australia and Lachlan Fold Belt, New South Wales

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#### **Competent Persons Statement**

The information in this report that relates to Exploration Targets and Exploration Results is based on information compiled by Mr Kieron Munro, a Competent Person who is a Member of the Australian Institute of Geoscientists and 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 Munro is employed as an independent geological consultant by MinRex and consents to the inclusion in the report of the matters based on his information in the form and context in which it appears.

All figures are quoted in A\$ dollars unless otherwise stated.

## **Investment Highlights**



### MinRex to acquire highly prospective Lachlan Fold Belt position

- ✓ Binding agreements signed to acquire consolidated position in highly prospective East Lachlan Fold Belt
- ✓ East Lachlan Fold Belt is an exploration hotspot with recent high-profile discoveries (eg, Boda)
- √ Ground covers ~480km² across 4 project areas strategically located close to majors and mid-caps including Alkane Resources, Freeport McMoRan, Newcrest Mining and Regis Resources

### MinRex already holds ground in world class exploration areas, Western Australia

- ✓ Deflector Extended Project lies 4km along strike from Silver Lake Resources Limited (ASX: SLR) Deflector Mine
- ✓ Geophysical work recently completed on Deflector Extended and Daltons produced numerous target areas.
- ✓ Next phase on-ground geophysical at Deflector Extended due November/December 2020
- ✓ Further sampling results at East Pilbara projects due December 2020

### A bright and well-funded future

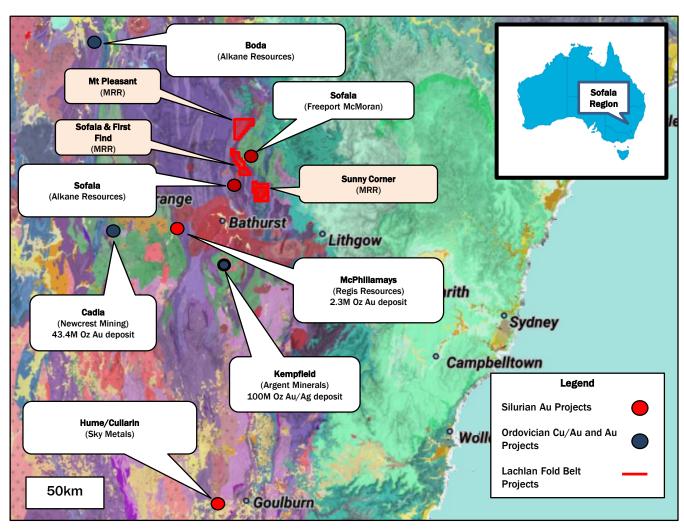
- ✓ Binding commitments received for heavily oversubscribed \$2.9 million placement
- ✓ MinRex to have over \$3 million once placement and acquisitions completed
- ✓ MinRex expanded project portfolio across two world class exploration jurisdictions and exploration areas: Western Australia and Lachlan Fold, NSW
- ✓ Actively exploring for gold, silver, copper and other base metals

## **East Lachlan Fold Belt**



### A World Class Gold-Copper-Silver Region

- 180km northwest of Sydney, NSW
- High-profile mining and exploration region containing several major gold, copper-gold and silver deposits
  - √ Newcrest Mining's Cadia-Ridgeway Mine
  - ✓ Alkane Resources' Tomingley Mine
  - ✓ Regis Resources' McPhillamays deposit
  - ✓ Argent Minerals' Kempfield deposit
- Majors Freeport McMoRan and Alkane Resources recently moved into the region
- Investor interest increased significantly with Alkane Resources' Boda gold-copper porphyry discovery
- US Geological Service estimates another 4-10 porphyry systems to be found
- Potential for porphyry-style mineralisation and orogenic gold deposits
- Majority freehold land and minimal environmental reserves
- Excellent road and infrastructure access



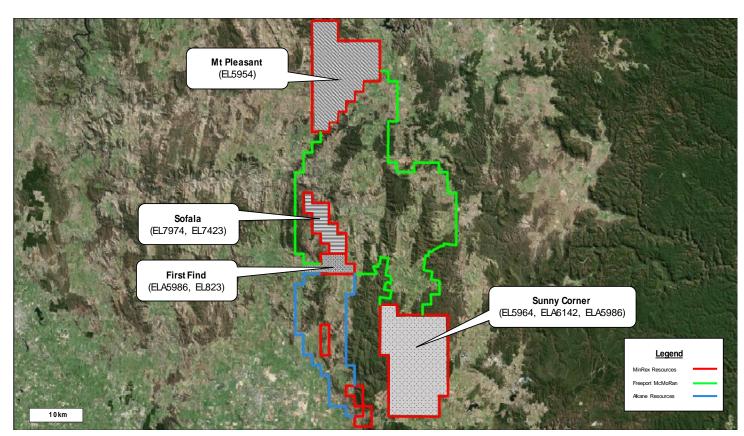
**Sofala Region Overview** 

## **Lachlan Fold Belt - New Acquisitions**



### **4 Strategically Located Project Areas**

- MinRex has signed binding agreements to acquire:
  - Mt Pleasant Project (EL5954) 100% acquisition
  - First Find Project (ELA5986) 100% acquisition
  - Sofala (EL7423 & EL7974) Farm-ins (2) up to 80% (first stage to 51% by spending \$1.5 million in total)
  - Sunny Corner (EL5964, ELA5986, ELA6142) 100% acquisitions (2) and farm-in up to 90% (one stage to 90% by spending \$1.5 million)
- Ground covers ~480km² surrounded by Freeport McMoRan and Alkane Resources
- Highly prospective for both gold-rich, alkali, goldcopper porphyry (Cadia-style) mineralisation and paleo-placer gold mineralisation
- MinRex is building a consolidated portfolio of strategic available land on the East Lachlan Fold Belt



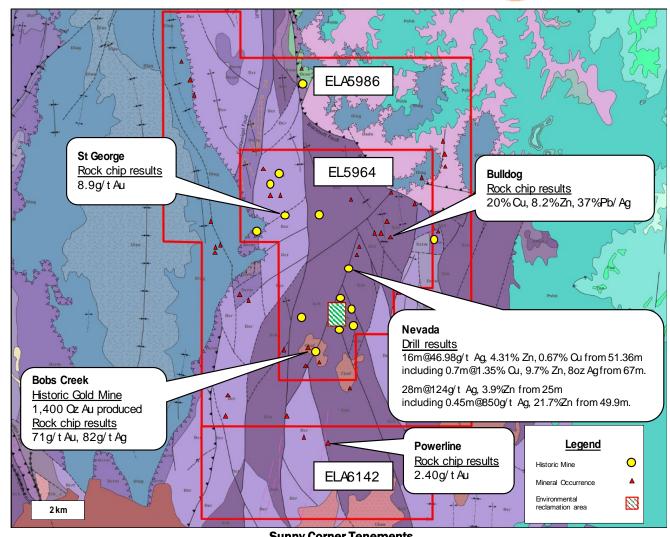
**Location of Lachlan Fold Projects** 

## **Sunny Corner**



### A Rare Gold, Silver, Copper Story

- Ground covers first direct shipping mine (DSO) in Australia
- Identified as major graben in rift valley between 2+ stable continental plates formed during Silurian to Middle Devonian period
- Various historical production mines producing gold, silver and copper:
  - **Nevada Copper Mine**
  - **Big Hill**
  - **Bobs Creek**
- **Explored in 2005 by Golden Cross Resources:** 
  - √ 1,860 meters of drilling
  - 36 RC drillholes an average of 60 meters in depth over various prospects including Bob's Creek and and Big Hill
- **Key target areas outside of SRP Rehabilitation Area** (refer Argent Minerals (ASX:ARD) Announcement of 14.10.20)

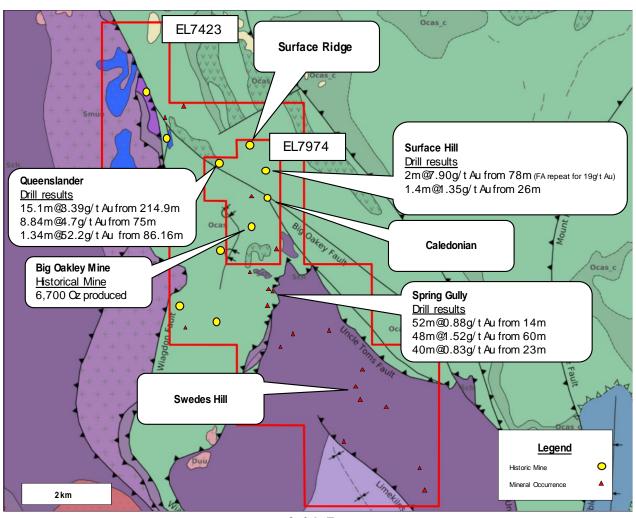


## Sofala



### **10 Historical Mines and 16 Mineral Occurrences**

- Tenement located on the northern end of the Ordovician Rockley-Capertee volcanic belt
- Majority of prospects are situated along the Big Oakley Fault structure
- Three main Prospects:
  - ✓ Spring Gully
    - Diamond and RC Drilling completed by Renison Gold Corporation in the 1990s (6 Diamond and 63 RC drillholes)
  - ✓ Queenslander Mine
    - Located at an intersection with Big Oakley Fault structure, metalorganic environment
    - Diamond and RC Drilling completed by Renison Gold Corporation in the 1990s (3 Diamond and 7 RC drillholes)
  - ✓ Surface Hill
    - Diamond Drilling completed by Noranda Australia Limited in 1984 (3 Diamond Drillholes)



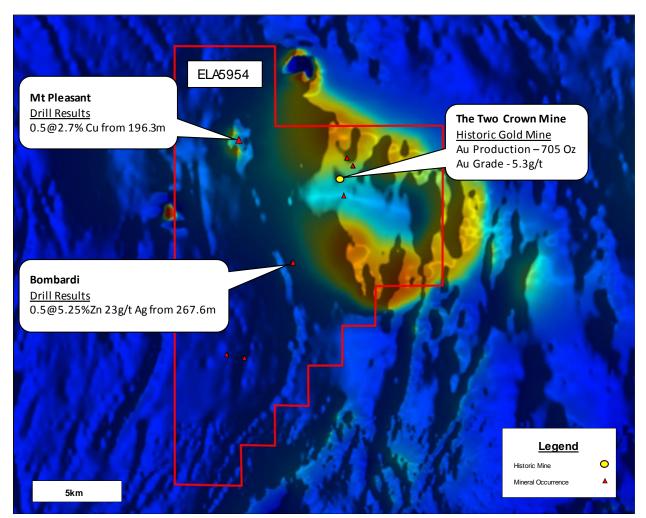
**Sofala Tenements** 

## Mt Pleasant



## **Three Key Targets**

- Located in the eastern margin of the Silurian-Devonian Hill
   End Trough East Lachlan Fold Belt
- Strongly altered porphyritic granitic stock intrudes the Silurian sequence near the centre of the Mt Pleasant prospect
- Three key prospects:
  - ✓ Mt Pleasant
  - ✓ Crown Gold Mine
  - ✓ Bombardi
- Exploration work by CSR, Pacminex, Neo Resource since 1974
- Detailed aeromagnetic Survey Completed in 2012
- High magnetitic anomaly occurring at Mt Pleasant Prospect travelling NNW that connects with the Bombardi Prospect to the South-East
- Mt Pleasant and Bombandi can be quickly advanced with modern geophysics and drilling



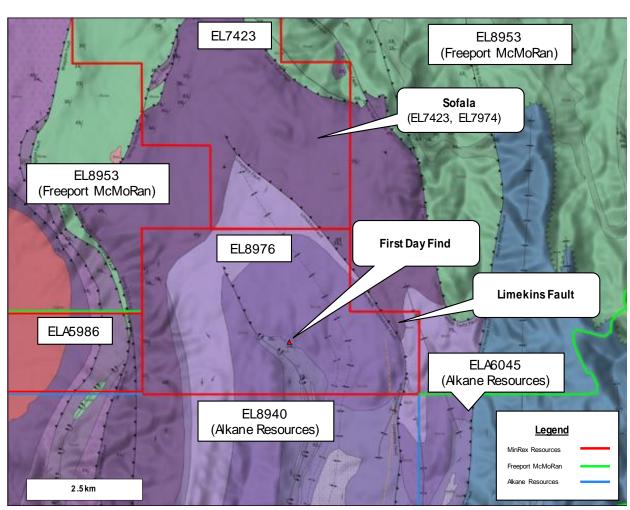
Mt Pleasant Aeromagnetic Survey Results

## **First Find**



### **A Strategic Infrastructure Tenement With Targets**

- First Day Find Prospect
  - Historical underground mine
  - Located on the back of fault line
- Geology of Prospect:
  - Structurally controlled low sulphide Au
  - NSW Deposit Type Classification: Hydrothermal metamorphic Au
  - Organic Au: Broken Hill or Other Classification
  - Vein: General geological model hydrothermal
  - Defining mineralisation would depend on close contact with EL7423 (Sofala)
- A strategic infrastructure tenement with good road access connecting the Sofala tenements to major roadways



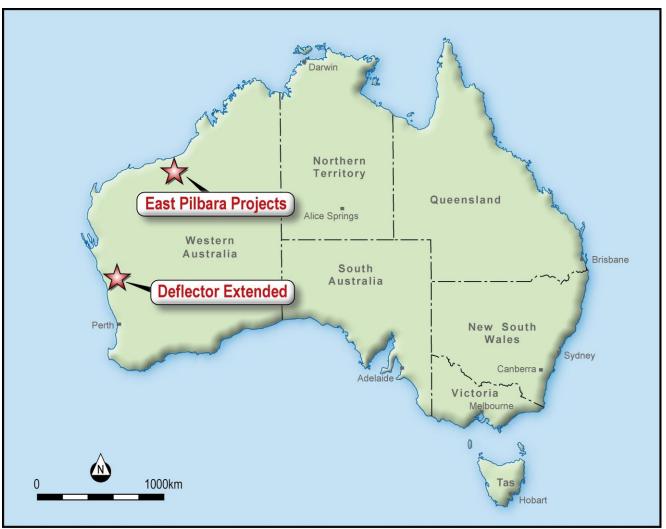
**First Find Tenement and Neighbouring Tenements** 

## **Western Australia Portfolio**



# **Highly Prospective Ground in WA for Gold Exploration**

- 100% owned Deflector Extended Project
- 70% owned East Pilbara Projects:
  - ✓ Daltons Gold Project
  - **✓** Bamboo Creek Gold Project
  - ✓ Marble Bar North Gold Project
  - ✓ Marble Bar South Gold Project
- MinRex actively exploring:
  - ✓ Desktop geophysics completed September 2020 (appraisal / reprocessing / interpretation at Deflector Extended and Daltons)
  - ✓ Assays from further field work on Pilbara projects expected December 2020
  - ✓ Further on-ground geophysics to be completed at Deflector Extended in November/December 2020 (GMAG, & IP)



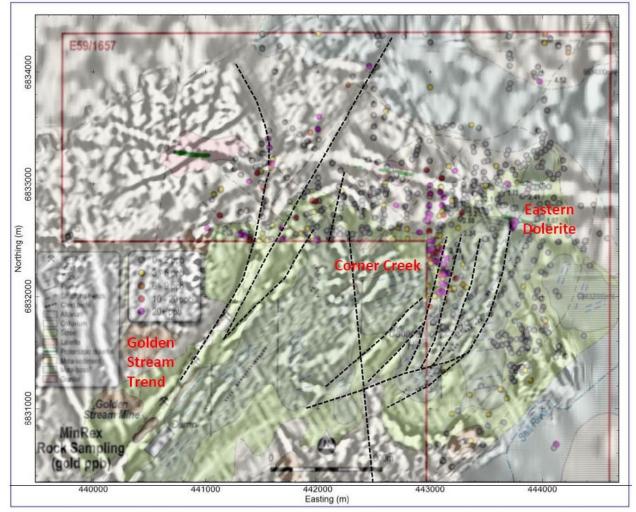
**Location of Western Australian Projects** 

## **Deflector Extended**



### **Along Strike from High Grade Copper-Gold Mine**

- 4km, along strike, to the northeast of the Silver Lake Resources (ASX:SLR) Deflector Mine where coppergold occurs as high-grade lode mineralisation, associated with abundant disseminated to massive sulphide mineral bearing veins, in shear zones of meta-basalt
- Multiple north-south to north north-east trending structures and magnetic responses that correlate to anomalous geochemistry along strike to the Golden Stream trend and at the Corner Creek and Eastern Dolerite prospects
- Several strike extensive conductors, likely to represent shear zones and sediment/shale horizons
- High quality targets identified:
  - ✓ Corner Creek surface samples up to 4.04g/t
     Au
  - Eastern Dolerite surface samples up to 4.89g/tAu)
  - ✓ Northern UM1
- Further on-ground geophysical work due November/December 2020



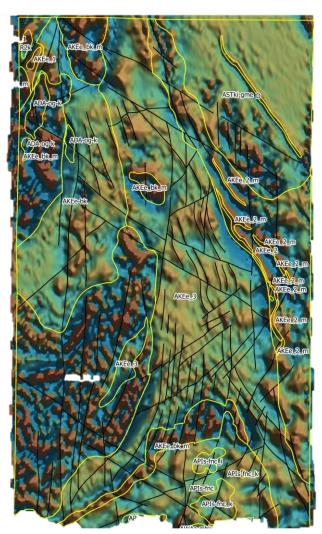
Defined Anomalous Areas From September 2020 Geophysics Work

## **Daltons**

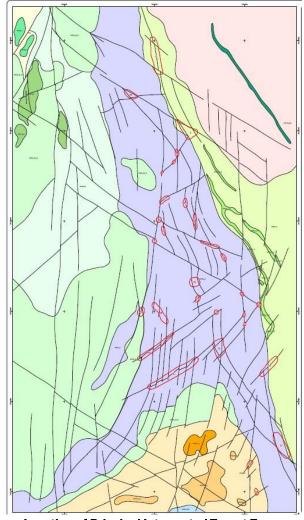


## **30+ Gold-Copper Targets**

- Detailed litho-structural interpretation shows structural elements within the prospective mafic/ultramafic rocks of the Kelly Group, prospective for Gold-Copper mineralisation
- Recent targeting exercise found strong links between structures and known mineralization
- 30 potential target areas prospective for gold and copper
- Historical Gold and copper assays up to 163g/t Au and 8.17% Cu
- Assays from recent field work due November/December 2020



**Lithological Boundaries and Structural Elements** 



**Location of Principal Interpreted Target Zones** 

## **Corporate Snapshot**



Capital structure			
	Shares		Options
Current	233,637,055		57,023,170
Post Acquisitions and Placement*	614,137,055		154,523,170
Cash			
Current		~\$0.6 million	
Post Acquisitions and Placement*		~\$3 million	
Current Market Cap (@2.5c)		~\$5.8 million	

- ✓ New board
- ✓ Experienced technical team
- √ New technical and corporate resources to be added
- ✓ Binding commitments to be well funded (\$3 million+) after placement and acquisitions
- ✓ MinRex expanded project portfolio to span across two world class exploration regions: Western Australia and Lachlan Fold Belt, NSW
- ✓ Actively exploring for gold, silver, copper and other base metals



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<sup>\*</sup>Proposed to be completed in early December following MRR shareholder approval

## **Investment Highlights**



- Acquisition of Lachlan Fold Belt position brings new exciting opportunity for MinRex shareholders and investors
- ✓ New ground is complementary to MinRex's existing highly prospective WA ground
- ✓ Diversified portfolio with exposure to two world class jurisdictions and exploration areas – Western Australia and Lachlan Fold Belt, NSW
- ✓ Actively exploring for gold, silver, copper and other base metals
- ✓ Tightly held (top 10 represent >51%)
- ✓ Cash in bank post completion of acquisitions and placement of \$3 million
- ✓ Strong gold and silver prices and growing demand for copper



## References



#### Slide 4

All mineral resources are illustrated as in-situ contained metals. For further details refer to:

Newcrest Mining Limited, Newcrest Briefing Book, September 2019, p24.

Regis Resources, McPhillamys Project Overview, September 2020.

Argent Minerals, 2020 Annual Report, 30 September 2020 p67.

#### Slide 6

Refer to Appendices in MRR ASX Announcement dated 12 November 2020 for further information on reported assay and drilling results.

Bobs Creek, Big Hill Mine, Nevada Mine – Production Figures: GS1982/427 - Watanabe, Teck Explorations Limited, Exploration Licence 1842 Sunny Corner First Six Monthly Progress Report, October 1982, p14.

#### Slide 7

Refer to Appendices in MRR ASX Announcement dated 12 November 2020 for further information on reported drilling results.

Big Oakley Mine - Production Figures: MR064 - NSW Department of Mines and Chief Inspector of Mine, Big Oakley Gold Mine Syndicate - Application for Financial Assistance, 3 April 1947, p1.

#### Slide 8

Refer to Appendices in MRR ASX Announcement dated 12 November 2020 for further information on reported assay and drilling results.

Two Crown Mine – Production Figures: GS2007/002 - Augur Resources Ltd, Exploration Licence 6310 Second Annual Report for 27 September 2005 to 26 September 2006, dated 23 October 2006, p8.

## References



#### Slide 11

MRR ASX Announcement dated 28 April 2020.

#### Slide 12

MRR ASX Announcement dated 21 June 2018.

#### Slide 14

5 Year Gold Price - https://goldprice.org/gold-price.html as at 4 November 2020.

5 Year Silver Price - https://silverprice.org/spot-silver.html as at 4 November 2020.





#### **Directors**

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