

# ASX and Media Release

Tuesday, 20<sup>th</sup> July 2021



## White Rock – Live Investor Webinar

**ASX Code: WRM**  
**OTCQX: WRMCF**

**Issued Securities**  
**Shares:** 89.5 million  
**Options:** 3.0 million

**Cash on hand** (31 Mar 2021)  
\$10.9M

**Market Cap (19 July 2021)**  
\$43.4M at \$0.485 per share

**Directors & Management**  
Peter Lester  
Non-Executive Chairman

Matthew Gill  
Managing Director &  
Chief Executive Officer

Jeremy Gray  
Non-Executive Director

Shane Turner  
Company Secretary

Rohan Worland  
Exploration Manager

*For further information, contact:  
Matthew Gill or Shane Turner  
Phone: 03 5331 4644*

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[www.whiterockminerals.com.au](http://www.whiterockminerals.com.au)

**White Rock Minerals (ASX:WRM) (“Company” or “White Rock”) wishes to advise that its Managing Director & CEO, Matthew Gill will be hosting a live Investor Webinar on Tuesday 20<sup>th</sup> July 2021 at 4.30pm ET (New York) and Wednesday 21<sup>st</sup> July 2021 at 6.30am EST (Melbourne).**

Matthew Gill will go through the Company’s July 2021 Presentation including an overview of current operations and upcoming milestones. Management will be available to answer questions following the presentation.

The Investor Presentation is attached and can be found on the Company’s website under Investor Centre/Presentations.

You can register for the webinar below:

- **Date/Time:**
  - o **Tuesday 20<sup>th</sup> July 2021 at 4:30pm ET New York.**
  - o **Wednesday 21<sup>st</sup> July 2021 @ 6:30am EST Melbourne.**
- **To Register:** [Webinar Registration](#)

**HAVE QUESTIONS?** Management will be available to answer your questions following the presentation on the webinar platform.

You may also submit your question(s) beforehand via the registration or by email to [whiterock@rbmilestone.com](mailto:whiterock@rbmilestone.com).

The webinar recording will be made available on White Rock’s website [www.whiterockminerals.com.au](http://www.whiterockminerals.com.au) following this event.

Approved by the Board of White Rock Minerals Ltd.

For more information about White Rock and its Projects, please visit [www.whiterockminerals.com.au](http://www.whiterockminerals.com.au)



# Investor Presentation



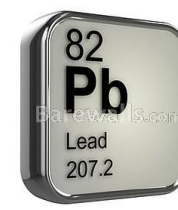
Silver



Zinc



Gold



Lead



Drilling at the Dry Creek Deposit, Alaska.  
Red Mountain on the right.

**July 2021**

**White Rock Minerals Ltd.  
(ASX:WRM) (OTCQX:WRMCF)**



# Disclaimer & Cautionary Statement



The presentation (in this projected form and as verbally presented) ("Presentation") has been prepared by White Rock Minerals Limited and is provided on the basis that none of the Company nor its respective officers, shareholders, related bodies corporate, partners, affiliates, employees, representatives and advisers make any representation or warranty (express or implied) as to the accuracy, reliability, relevance or completeness of the material contained in the Presentation and nothing contained in the Presentation is, or may be relied upon as a promise, representation or warranty, whether as to the past or the future. The Company hereby excludes all warranties that can be excluded by law.

The Presentation contains prospective financial material which is predictive in nature and may be affected by inaccurate assumptions or by known or unknown risks and uncertainties and may differ materially from results ultimately achieved.

The Presentation contains "forward-looking statements". All statements other than those of historical facts included in the Presentation are forward-looking statements. Where the Company expresses or implies an expectation or belief as to future events or results, such expectation or belief is expressed in good faith and believed to have a reasonable basis. However, forward-looking statements are subject to risks, uncertainties and other factors, which could cause actual results to differ materially from future results expressed, projected or implied by such forward-looking statements. Such risks include, but are not limited to, gold and other metals price volatility, currency fluctuations, increased production costs and variances in ore grade or recovery rates from those assumed in mining plans, as well as political and operational risks and governmental regulation and judicial outcomes. The Company does not undertake any obligation to release publicly any revisions to any "forward-looking statement".

The Presentation contains general background information about the Company and its activities current as at the date of this presentation. The information in this Presentation is in summary form only and does not contain all the information necessary to fully evaluate any transaction or investment. It should be read in conjunction with the Company's other periodic and continuous disclosure announcements lodged with the ASX, which are available at [www.asx.com.au](http://www.asx.com.au) and other publicly available information on the Company's website at [www.whiterockminerals.com.au](http://www.whiterockminerals.com.au).

The information in this Presentation that relates to Exploration Results is based on information compiled by Mr Rohan Worland who is a Member of the Australian Institute of Geoscientists. Mr Worland is engaged by White Rock Minerals Ltd as a technical consultant. Mr Worland 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 Potential described in this Presentation is conceptual in nature, and there is insufficient information to establish whether further exploration will result in the determination of a Mineral Resource. Mr Worland consents to the inclusion in this Presentation of the matters based on his information in the form and context in which it appears.

At the Mt Carrington Project the gold dominant Mineral Resources (Strauss and Kylo) have been estimated using a cut-off of 0.3g/t Au, Guy Bell uses a 0.5g/t Au cut-off and Red Rock which uses a cut-off of 0.7g/t Au. All silver dominant Mineral Resources have been estimated using a cut-off of 25g/t Ag. The Strauss and Kylo Mineral Resource was prepared and reported in accordance with the JORC Code (2012) as per the ASX Announcement on 19 August 2020. The Red Rock, Guy Bell, Lady Hampden, White Rock, White Rock North and Silver King Mineral Resource was prepared and reported in accordance with the JORC Code (2004) as per ASX Announcements by White Rock Minerals Ltd on 13 February 2012, 11 July 2013 and 20 November 2013, and the ASX Announcement by Rex Minerals Ltd on 10 December 2008. The Resources figures have not been updated since to comply with the JORC Code 2012 on the basis that the information has not materially changed since it was last reported.

The pit optimisation study used a Mineral Resource made up of a combination of Indicated and Inferred Resource blocks. There is a low level of geological confidence associated with Inferred Mineral Resources and there is no certainty that further exploration work will result in the determination of Indicated Mineral Resources or that the production target itself will be realised.

The Mt Carrington Ore Reserve information was prepared and first disclosed under the JORC Code (2012) as per the ASX Announcement by White Rock Minerals Ltd on 27th December 2017 and updated as per the ASX Release by White Rock Minerals Ltd on 19 August 2020.

The Red Mountain Mineral Resource information was prepared and first disclosed under the JORC Code (2012) as per the ASX Announcement by White Rock Minerals Ltd on 26th April 2017.

Zinc equivalent grades are estimated using S&P Global forecast prices for the 2020 to 2030 period as at 2 November 2020 adjusted for recoveries derived from historical metallurgical testing work and calculated with the formula:  $ZnEq = [(Zn\% \times 2,425 \times 0.9) + (Pb\% \times 2,072 \times 0.75) + (Cu\% \times 6,614 \times 0.70) + (Ag \text{ g/t} \times (21.00/31.1035) \times 0.70) + (Au \text{ g/t} \times (1,732/31.1035) \times 0.80)] / (2,425 \times 0.9)$ . White Rock is of the opinion that all elements included in the metal equivalent calculation have reasonable potential to be recovered and sold.

Silver equivalent grades are estimated using S&P Global forecast prices for the 2020 to 2030 period as at 2 November 2020 adjusted for recoveries derived from historical metallurgical testing work and calculated with the formula:  $AgEq = [(Zn\% \times 2,425 \times 0.9) + (Pb\% \times 2,072 \times 0.75) + (Cu\% \times 6,614 \times 0.70) + (Ag \text{ g/t} \times (21.00/31.1035) \times 0.70) + (Au \text{ g/t} \times (1,732/31.1035) \times 0.80)] / [(21.00/31.1035) \times 0.70]$ . White Rock is of the opinion that all elements included in the metal equivalent calculation have reasonable potential to be recovered and sold.

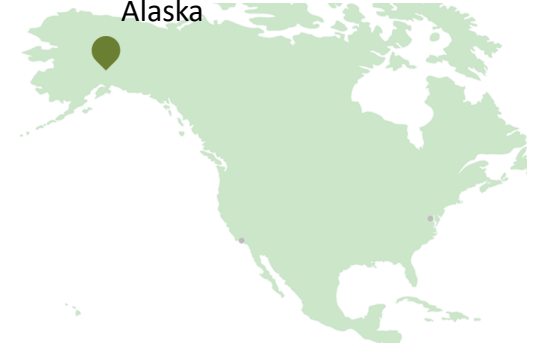
This presentation contains references to exploration results, Mineral Resource estimates and ore Reserve estimates, all of which have been cross-referenced to previous market announcements by the Company. The Company confirms that it is not aware of any new information or data that materially affects the information included in the relevant market announcements and in the case of estimates of Mineral Resources and 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.

# Executive Summary

## Overview

- ASX listed explorer and near-stage gold producer. (ASX:WRM) (OTCQX:WRMCF).
- Two projects:-
  - i. **Red Mountain/Last Chance** silver-rich zinc VMS and IRGS gold exploration project in Alaska.
  - ii. **Mt Carrington** gold and silver project in NSW.
- Proposed merger with ASX-listed **AuStar Gold** – a Victorian gold explorer and producer.

Red Mountain/Last Chance,  
Alaska



## Red Mountain & Last Chance

- **Globally significant zinc – silver VMS polymetallic project:-**
  - JORC Resource<sup>1</sup> of >9mt at 157g/t silver, 5.8% zinc, 2.6% lead and 0.9g/t gold
  - = 13.2% Zinc equivalent<sup>2</sup> or 609g/t (19 ozs/t) Silver Equivalent<sup>2</sup>.
  - Majority of the 836 km<sup>2</sup> strategic district-scale tenement package is not drilled.
- **Large (30km<sup>2</sup>) gold anomalies (IRGS style) discovered.**
- **Fully-funded three drill rig Exploration program** commenced May 2021.
- Significant exploration upside and news flow potential.

## Mt Carrington

- **“Shovel ready”** and the subject of an Earn-In Joint Venture with ASX-listed Thomson Resources
  - 2020 PFS Gold First Stage completed, on existing Mining Leases, with
  - >A\$20m of infrastructure existing from previous owners.
- Project summary (@ A\$2,300/oz):-
  - Initial 5 year mine life for gold plus further production potential from the 23 Moz silver Resource;
  - Producing 35,000 oz gold per annum at AISC of A\$1,327 per ounce;
  - **A 14-month capex payback, IRR of 82%, A\$126M free cash generated, and**
  - Exploration upside for gold, silver and copper.

Mt Carrington,  
NSW



1. The Red Mountain project hosts JORC estimates of Inferred resources – refer Disclaimer & Cautionary Statement slide 2.

2. Refer Disclaimer & Cautionary Statement slide 2 and slide 28. All metals have reasonable potential to be recovered and sold.

# Board & Management



## **Peter Lester**

Non-Executive Chairman  
B.E (Mining), MAusIMM,  
MAICD

## **Mining Engineer**

Peter has over 40 years' experience in the mining industry and has held senior executive positions with North Ltd, Newcrest Mining Limited, Oxiana Limited, Kidman Resources Ltd, Doray Minerals Limited and Citadel Resource Group Limited.

Mr Lester's experience covers operations, project and business development and general corporate activities. Mr Lester is a non-executive chairman of Helix Resources Ltd. Mr Lester joined the Board of White Rock on 12 April 2013 and is a member of the Audit Committee. He became Chair on 1 January 2019.



## **Matt Gill**

MD & CEO  
B.Eng (Hons, Mining), M.Eng.Sc,  
FAusIMM, GAICD

## **Mining Engineer**

35 years operational, technical, project development and corporate experience, as a GM, COO, CEO and MD, in Australia (Tasmania, WA, Victoria, NSW) and overseas (PNG, India, Bolivia, Ghana and Myanmar).

Matt holds three First Class Metalliferous Mine Manager's Certificates of Competency and has been instrumental in the successful development of three gold mines (Porgera, Beaconsfield and Ballarat). He is a three-time winner of the Australian Mine Manager of the Year Award and received the AusIMM Leadership Award in 2008. Previously, Group Chief Operating Officer for Singapore-listed LionGold Corp, he has also worked for Castlemaine Goldfields, Rio Tinto, WMC, Placer Pacific and Renison Goldfields. Past Non-Exec Director of AuStar Gold (Au). Joined the Company in 2016.



## **Jeremy Gray**

Non-Executive Director  
B.C (Hons, Finance)

## **Corporate Finance**

Jeremy has more than 25 years in mining investment including appointments as the Global Head of Basic Materials at Standard Chartered Bank Plc, Head of Metals and Mining Research at Morgan Stanley in London and the Head of Mining Research at Credit Suisse in London.

Mr. Gray serves as a Director of Chancery Asset Management, Singapore. Mr. Gray is a Non-Executive Director of Axiom Mining Limited. Mr Gray was appointed to the White Rock Board on 5 May 2017.



## **Rohan Worland**

Exploration Manager  
BSc (Hons, Geology), Grad. Dip  
(Finance & Investment), MAIG

## **Geologist - Exploration and Business Development**

25 years exploration experience in Australia, North America, South America, Africa and New Zealand, including 14 years with Normandy and Newmont.

Been with the Company since it was founded in 2010.

## **New Team Member**

Joined June 2020



## **Technical Advisor**

### **Dr Quinton Hennigh**

Dr. Hennigh is an economic geologist with 25 years of exploration experience, mainly gold related. Early in his career, he explored for major mining firms including Homestake Mining Company, Newcrest Mining Ltd and Newmont Mining Corporation.

Dr. Hennigh helped start Novo Resources and began assembling its Australian exploration portfolio.

Dr. Hennigh obtained a Ph.D. in Geology/Geochemistry from the Colorado School of Mines.



Is that a red  
mountain?

## Red Mountain

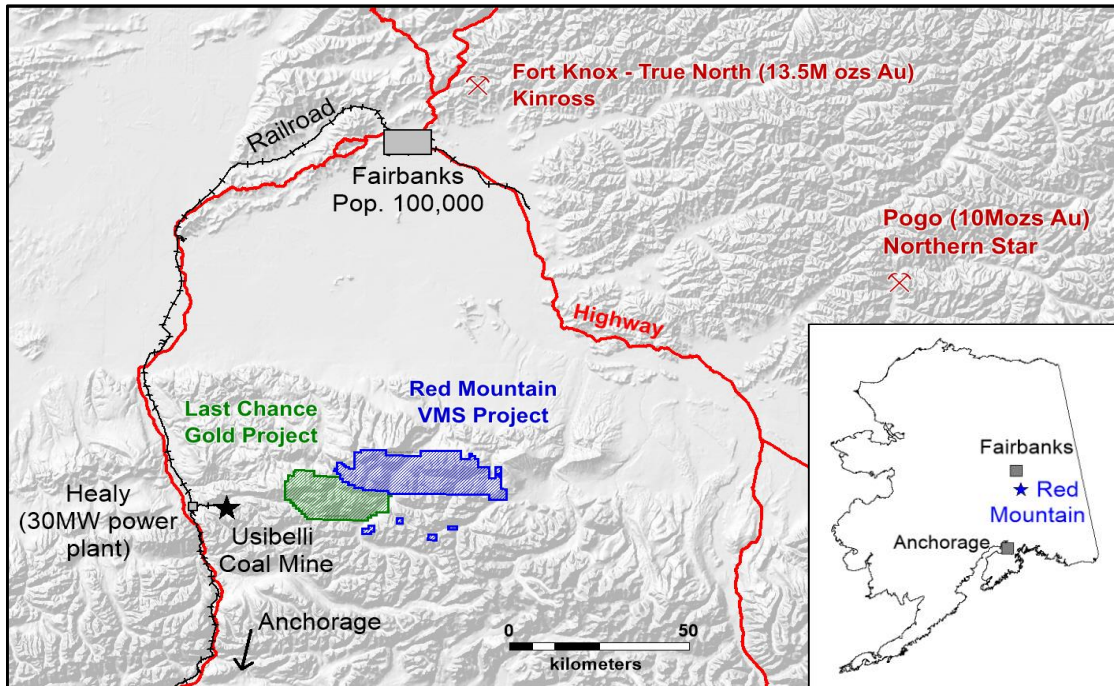
Building on an exceptional resource base  
Silver - Zinc VMS and Gold.



# Red Mountain Project, Alaska, USA.

## Silver-Zinc VMS & Gold IRGS Asset

- Multiple polymetallic VMS deposit targets and a large IRGS gold anomaly identified.
- Large strategic district-scale land package – 836km<sup>2</sup>.
- Maiden JORC VMS Mineral Resources<sup>1</sup>:
  - ✓ **9.1Mt at 157 g/t silver, 5.8% zinc, 2.6% lead and 0.9g/t gold for a 13.2% Zn or 609 g/t Ag equivalent grade<sup>2</sup>** (using a 3% Zn cut-off grade).
  - Within an impressive Global Resource base of **16.7Mt @ 9.2% ZnEq or 424g/t AgEq** with
    - ✓ 678,000t (1.5B lbs) zinc, 286,000t (0.6B lbs) lead, and
    - ✓ 53.5 million ounces silver and 352,000 ounces gold.
- Last exploration done over 20 years ago - leaves significant upside with the utilization of modern techniques.
- Located in a highly prospective yet under-explored terrane, which hosts multi-million tonne base metal deposits and multi-million-ounce gold deposits.



- ✓ Alaska ranked 5th out of 77 jurisdictions by the Fraser Institute in 2020.
- ✓ Well supported by surrounding infrastructure.

1. The Red Mountain project hosts JORC estimates of Inferred resources – refer Disclaimer & Cautionary Statement slide 2.

2. S&P Global 2020 - 2030:- Silver @ US\$21.00/oz, Gold @ US\$1,732/oz, Zinc @ US\$2,425/t, Lead @ US\$2,072/t, Copper @ US\$6,614/t and metallurgical recoveries of 90% for zinc, 75% for lead, 80% for gold, 70% for silver and 70% for copper – refer Disclaimer & Cautionary Statement slide 2 and slide 28. All metals have reasonable potential to be recovered and sold.



## Red Mountain - Logistics



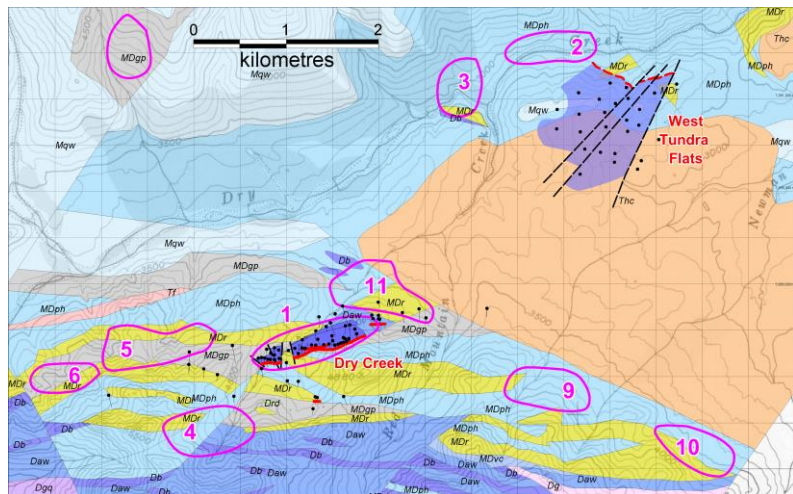
Exploration drilling  
program @ Red Mountain

**Our on-ground geology team**



# Previous Exploration

- **Polymetallic VMS project – zinc and silver rich\***
- Discovered in 1975 – sulphide outcrop
- Historic exploration from 1975-1999 (no modern exploration)
- Two deposits discovered:
  - Discovery / Fosters (Dry Creek)
  - West Tundra Flats (WTF)
- Mineralisation from surface
- Good preliminary metallurgical test work results with recoveries >90% zinc, >75% lead, >80% gold, >70% Ag
- **836km<sup>2</sup> land position established – highly prospective.**



## Historic Work – Resource Potential

### Dry Creek

**36.1m** @ **6.2% Zn, 183g/t Ag, 2.5% Pb, 1.0 g/t Au** and 0.2% Cu from 6.1m including

4.6m @ **23.5% Zn, 531g/t Ag, 8.5% Pb, 1.5g/t Au & 1.0% Cu** from 6.1m

**68.9m** @ **4.0% Zn, 58g/t Ag, 1.8% Pb, 0.3g/t Au** & 0.1% Cu from 17.6m including

4.9m @ 10.1% Zn, 86g/t Ag, 4.9% Pb, 0.3g/t Au & 0.2% Cu from 53.8m

5.5m @ **25.9% Zn, 346g/t Ag, 11.7% Pb, 2.5g/t Au** & 0.9% Cu from 69.5m

7.1m @ **15.1% Zn, 334g/t Ag, 6.8% Pb, 0.9g/t Au** & 0.3% Cu from 39.1m

### West Tundra Flats

1.3m @ **21.0% Zn, 796g/t Ag, 9.2% Pb, 10.2g/t Au** & 0.6% Cu from 58.6m

3.0m @ 7.3% Zn, 796g/t Ag, 4.3% Pb, 1.1g/t Au & 0.2% Cu from 160.9m

1.7m @ 11.4% Zn, 372g/t Ag, 6.0% Pb, 1.7g/t Au & 0.2% Cu from 104.3m

\* Refer to WRM release to the ASX of 15 February 2016 – “White Rock Minerals Propose to Acquire VMS Project in Alaska”

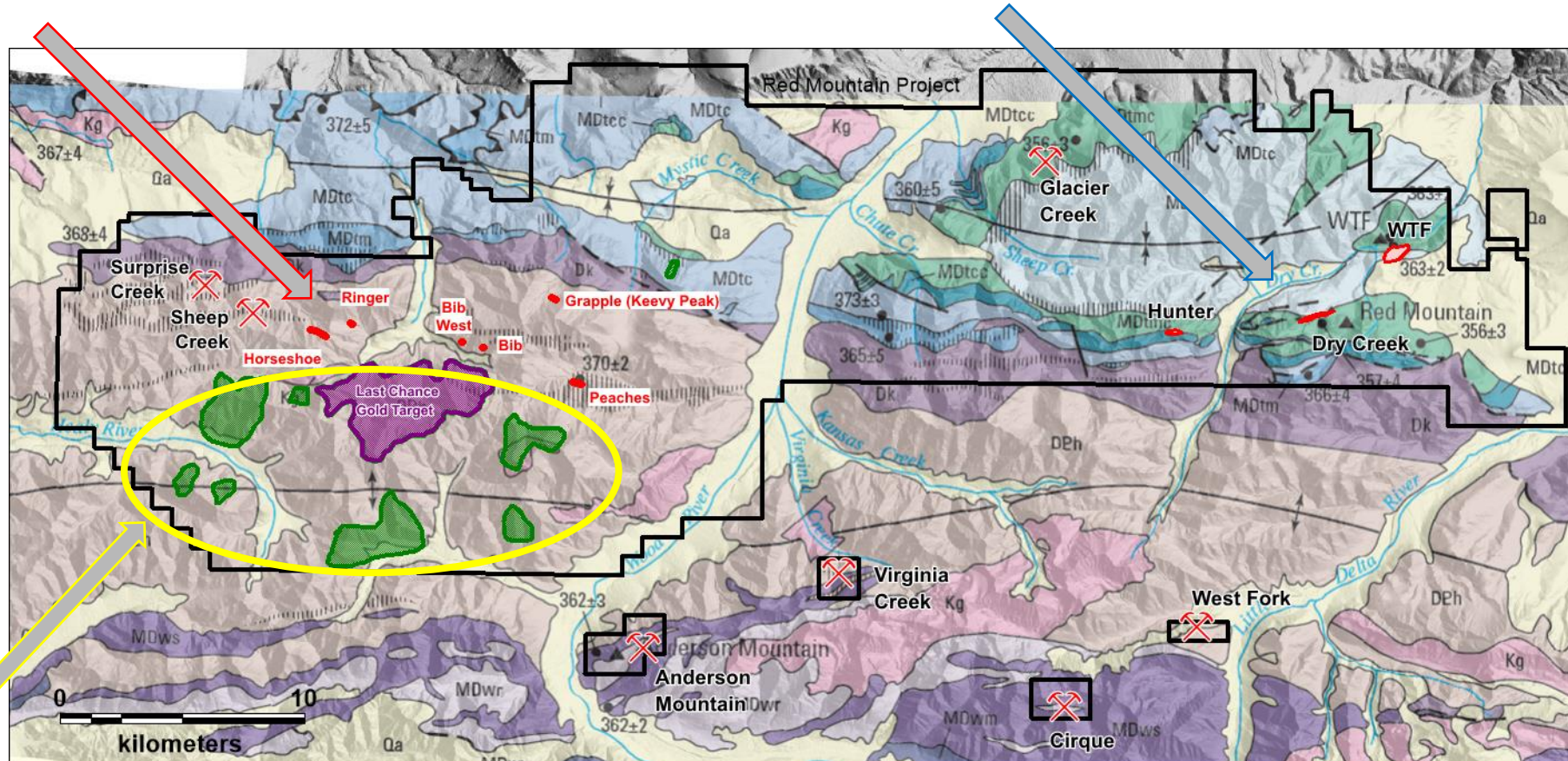
# Plan of attack for the 2021 Field Season.

Western VMS – New Targets - **drill**

Eastern VMS – Dry Creek Focus - **drill**

Never drilled

30km<sup>2</sup> of  
stream  
sediment  
gold  
anomalism



**WTF & DC Resource**  
**9Mt @ 609g/t AgEq**  
**(13% ZnEq).**

**DC open along strike**  
**and down dip.**

**836km<sup>2</sup> land**  
**package**

Last Chance IRGS Gold Targets - **drill**



# Red Mountain (Eastern) VMS Resource Upside Potential

**2018:-** Nine of the twenty four holes drilled returned grades in excess of 10% ZnEq, and three of these greater than 35% ZnEq – a great return in only our first field season.

## Dry Creek – Down Dip Expansion Potential

2018 Drilling<sup>1</sup>

- ✓ **4.7m @ 466g/t silver, 19.5% zinc, 7.8% lead, 6.9g/t gold** and 1.5% Cu for **52.4% zinc equivalent<sup>3</sup> (2,420 g/t AgEq<sup>3</sup>)** (DC18-79) from 231.1m.
- ✓ **4.3m @ 1,435g/t silver, 4.8% zinc, 2.3% lead, 2.2g/t gold** and 0.5% Cu for **43.1% zinc equivalent<sup>3</sup> (1,989 g/t AgEq<sup>3</sup>)** (DC18-77) from 168.8m.

## WTF – Infill Upgrade Potential

2018 Drilling<sup>2</sup>

- ✓ **3.5m @ 518g/t silver, 15.1% zinc, 6.7% lead, 2.1g/t gold** and 0.2% Cu for **35.8% zinc equivalent<sup>3</sup> (1,653 g/t AgEq<sup>3</sup>)** (WT18-28) from 60.6m.



1. Refer ASX Announcement of 4 July 2018 “White Rock - High Grade Zinc Intercepts Extend Mineralisation”

2. Refer ASX Announcement of 18 June 2018 “White Rock-Initial Drilling Delivers High Grade Zinc Results”

3. S&P Global 2020 - 2030:- Silver @ US\$21.00/oz, Gold @ US\$1,732/oz, Zinc @ US\$2,425/t, Lead @ US\$2,072/t, Copper @ US\$6,614/t and metallurgical recoveries of 90% for zinc, 75% for lead, 80% for gold, 70% for silver and 70% for copper – refer Disclaimer & Cautionary Statement slide 2 and slide 28. All metals have reasonable potential to be recovered and sold.

# Red Mountain VMS – Dry Creek Resource Upside Potential

## JORC VMS Resource - Expansion Potential

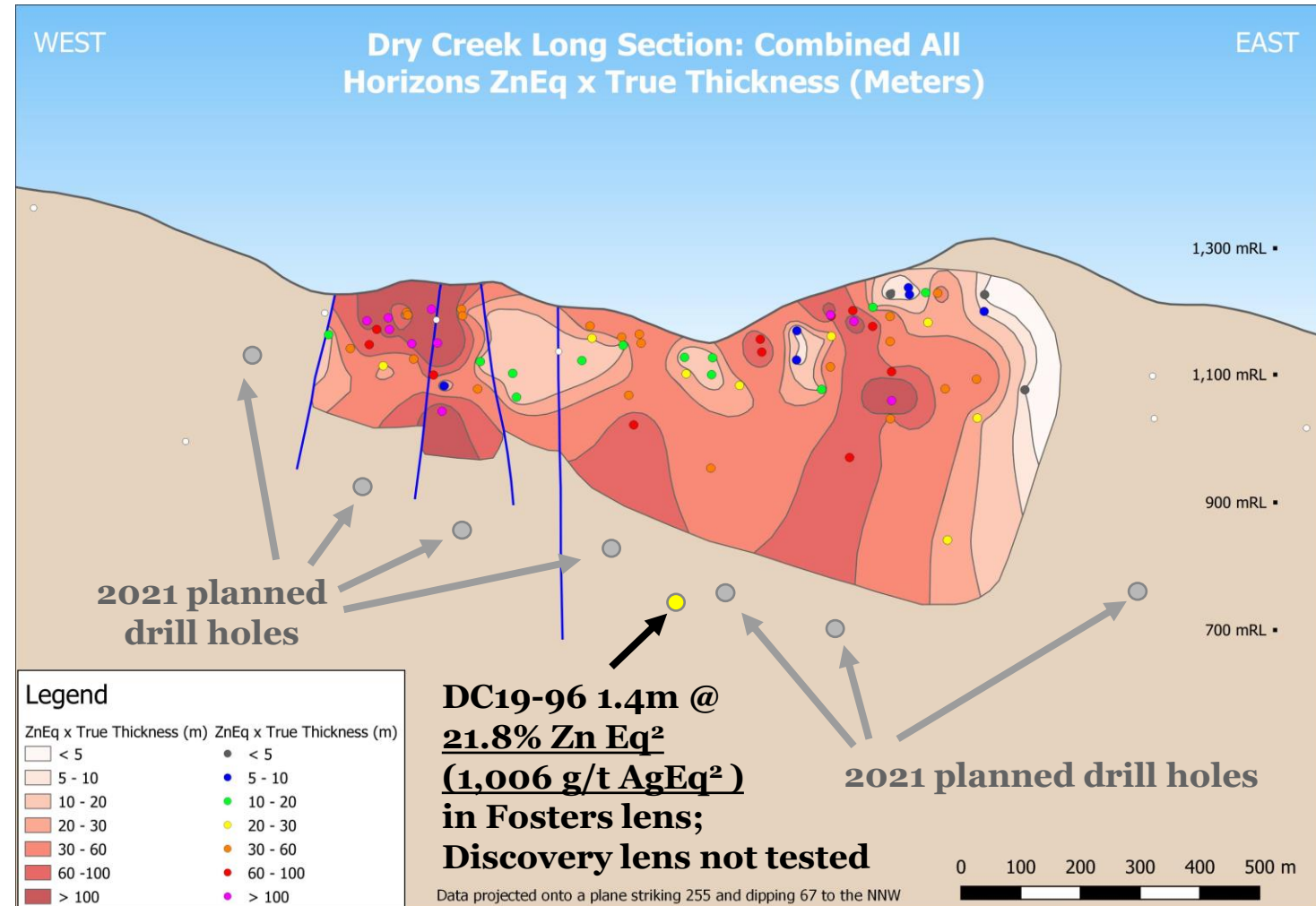
2019 – one sighter drill hole completed at Dry Creek to test potential at depth, 250 metres down-dip from previous drilling.

Previous drilling at Dry Creek tested the deposit to a depth of just 200 metres.

**The success of this 250 metre down-dip step out drill hole suggests considerable potential for the deposit to grow in size and tonnes along its entire 1,200 metre strike length.**

1. Refer ASX Announcement 4 November 2019 – “High-grade Zinc Rich Mineralisation in 200m Depth Extension”

2. S&P Global 2020 - 2030:- Silver @ US\$21.00/oz, Gold @ US\$1,732/oz, Zinc @ US\$2,425/t, Lead @ US\$2,072/t, Copper @ US\$6,614/t and metallurgical recoveries of 90% for zinc, 75% for lead, 80% for gold, 70% for silver and 70% for copper – refer Disclaimer & Cautionary Statement slide 2 and slide 28. All metals have reasonable potential to be recovered and sold.

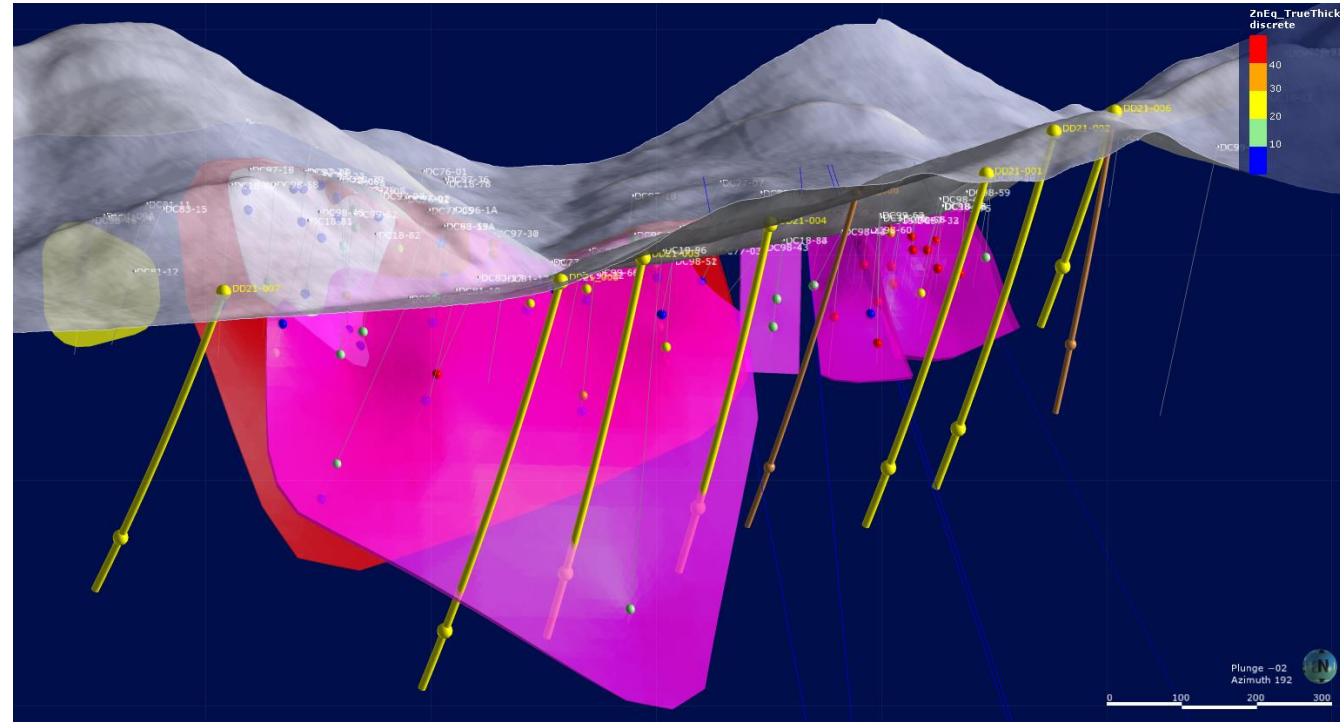
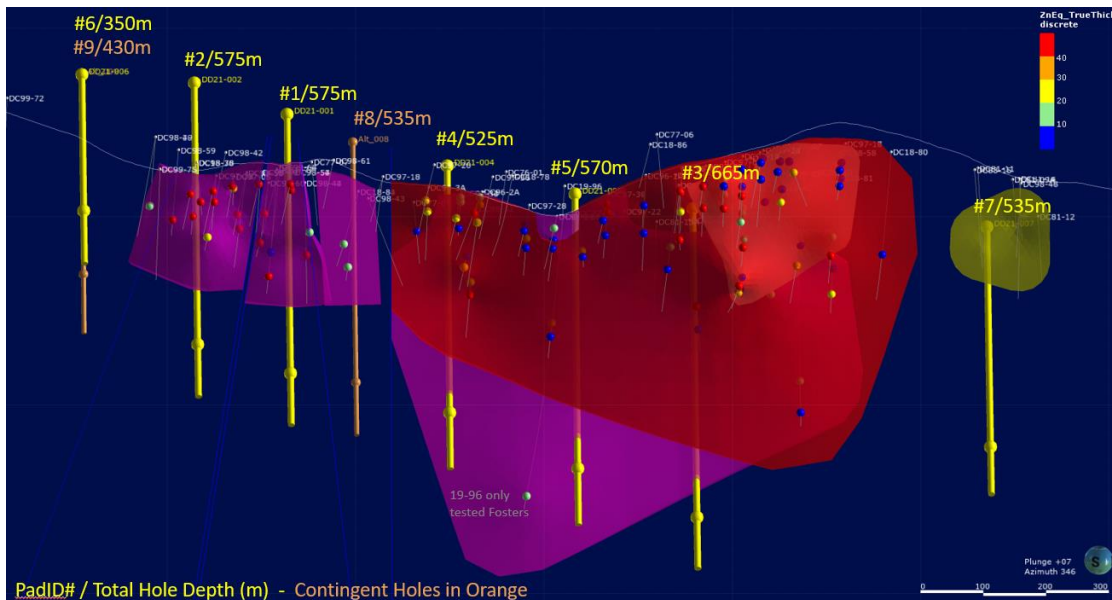




# Red Mountain VMS – Dry Creek Resource Upside Potential

Spectacular upside potential:

- VMS lenses at Dry Creek pinch and swell with up to 40m true width thicknesses;
- Rich-grades with historic intercepts:
  - **>1,000g/t silver and >15% zinc**



## 2021 Drill Plan

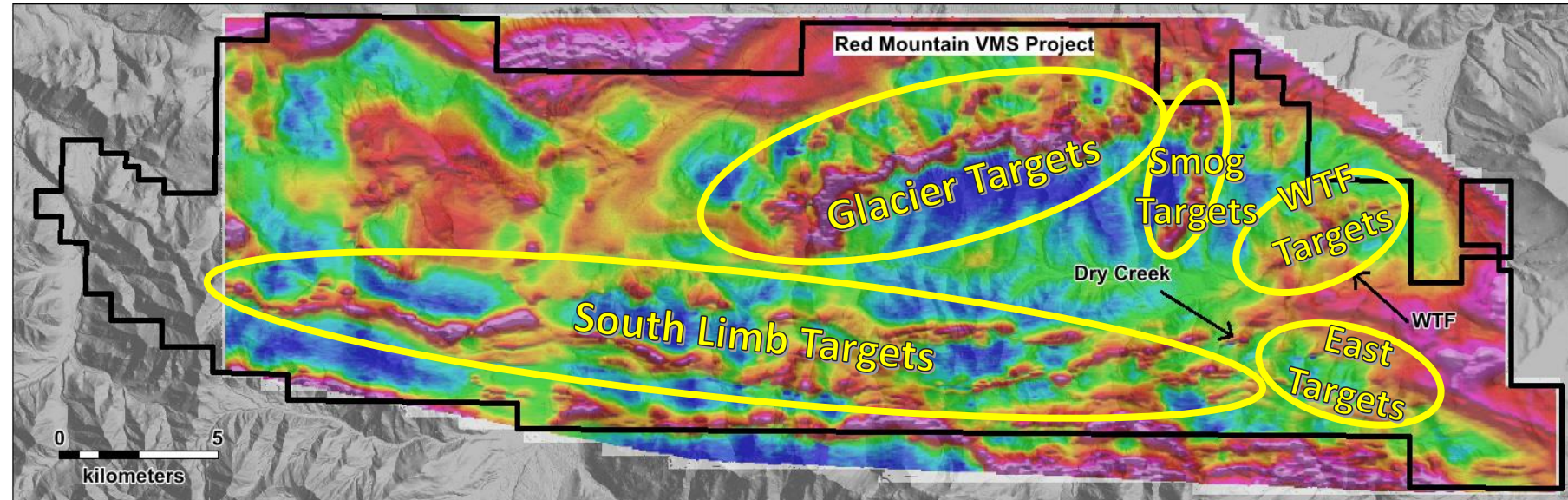
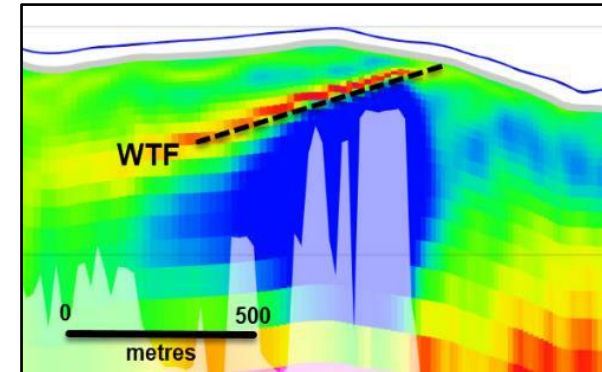
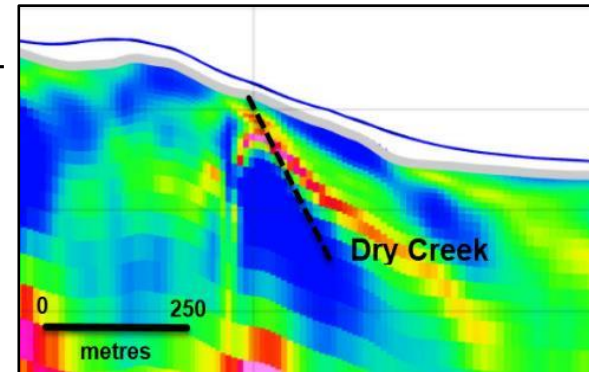
- **One diamond rig drilling continuously from late-May.**
- 5 to 7 holes for 3,800m at nominal 200m step-out to test down-dip potential.
- Continuous news flow with second and third drill rig available on successful results.

# Red Mountain

## Discovery Potential – Start of a True VMS Camp

### **2019 - Airborne EM (SkyTEM) over 500km<sup>2</sup> district-scale.**

- Deposits at Dry Creek and WTF clearly identified by modern time-domain EM survey.
- Mineralisation at Dry Creek and WTF associated with discrete conductors of subdued strength (5-50mS/m).
- Multiple targets throughout the VMS time horizon prospective stratigraphy along the north and south limbs of the regional syncline.
- Potential for large VMS deposits (>25Mt) with structural upgrade in hinge zones.
- Six targets drill ready
- Additional targets require minimal field reconnaissance





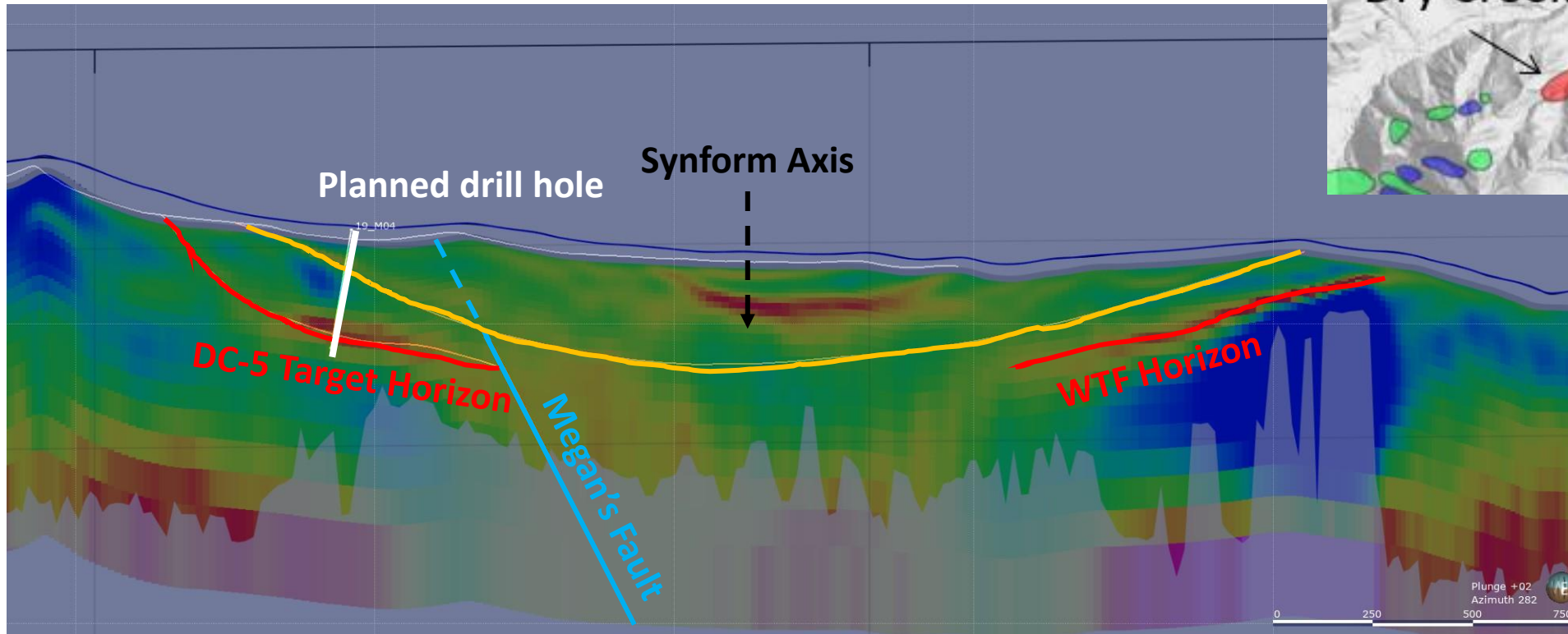
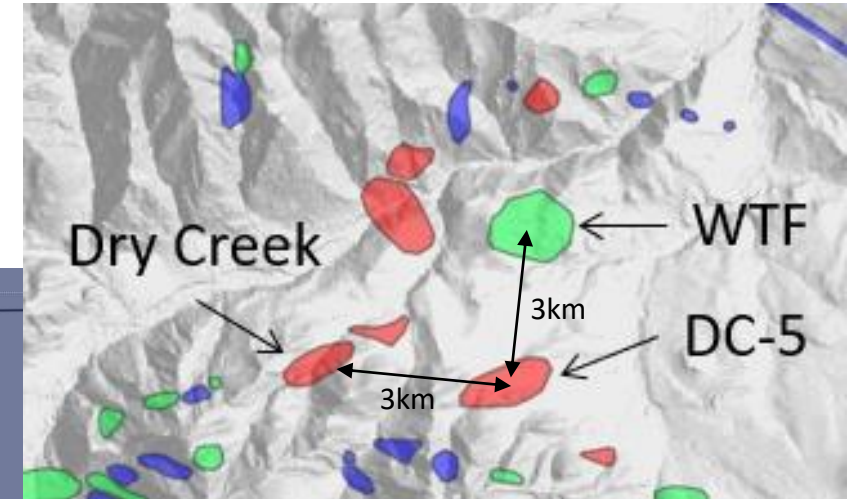
# Red Mountain

## Discovery Potential – Start of a True VMS Camp

### DC-5 Target

- Right horizon
- Right conductivity response
- Right size
- Right periodicity

**Second diamond drill  
rig from early June.**



### WTF Deposit

6.7Mt @ 6.2% Zn, 2.8% Pb,  
189g/t Ag, 1.1g/t Au

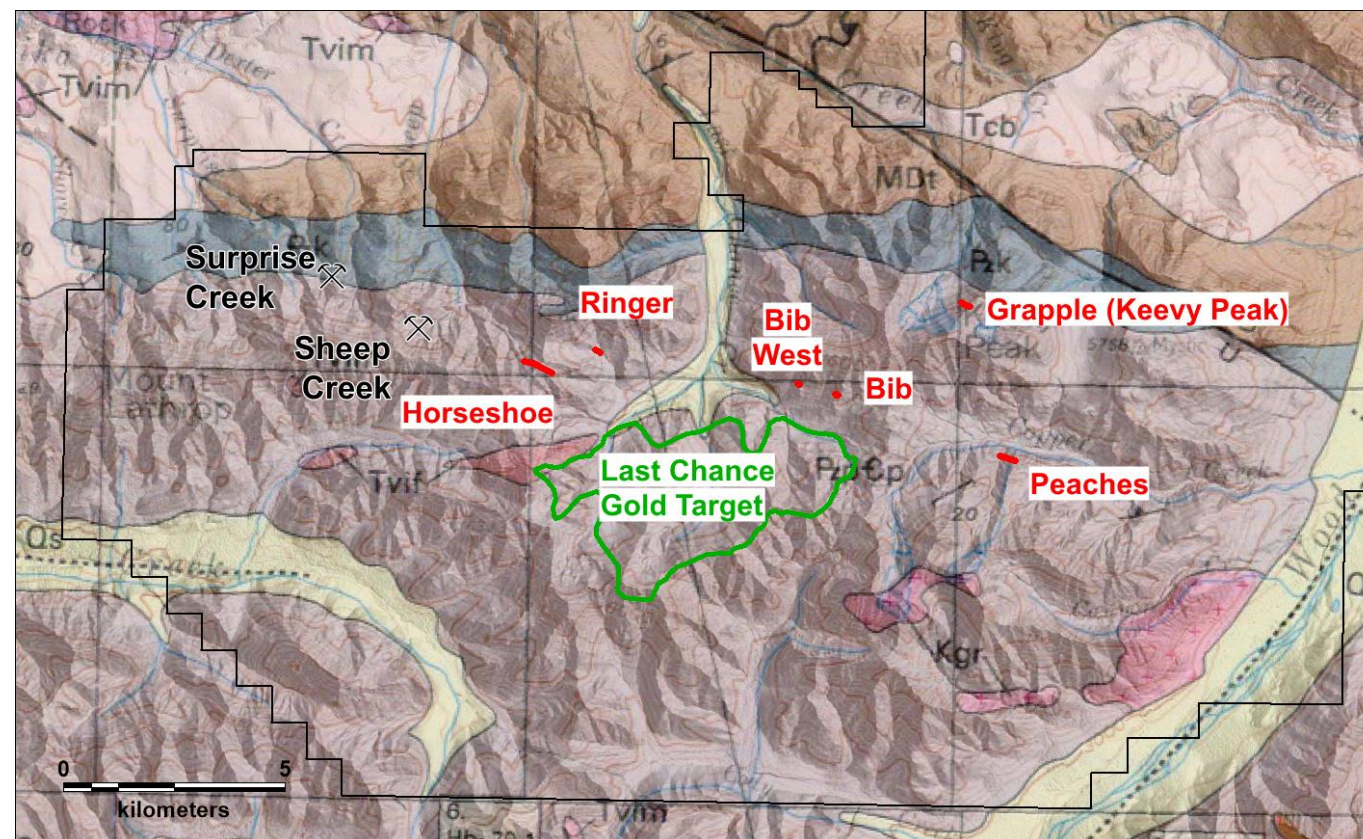
# Exploration – more (Western) VMS Targets identified in 2020<sup>1</sup>

- Six new, potentially significant, mineralised volcanogenic massive sulphide (“VMS”) targets identified during the 2020 field season.
- Highlights of regional reconnaissance rock chip sampling from outcropping massive sulphides include:
  - **Horseshoe** (up to **8.3% Zn**, 0.3% Pb, **1.1% Cu**, 12g/t Ag & **3.6g/t Au**).
  - **Bib** (up to **7.3% Zn**, **5.1% Pb**, 0.3% Cu, **40g/t Ag** & 0.3g/t Au).
  - **Bib West** (up to **5.7% Zn**, 1.4% Pb & 0.2% Cu)
  - **Grapple** (up to **3.6% Zn**, **1.9% Pb**, **0.7% Cu** & **40g/t Ag**).
  - **Peaches** (up to **2.9% Zn**, **2.8% Pb**, 0.2% Cu, 46g/t Ag & **1.5g/t Au**).
  - **Ringer** (up to **1.0% Cu**, 26g/t Ag & 0.4g/t Au).

## 2021 Exploration Plan

- SkyTEM survey to identify conductivity targets
- Surface geochemistry and geophysics commencing mid-June

**Second diamond drill rig** ready to move on to drill new targets in August.



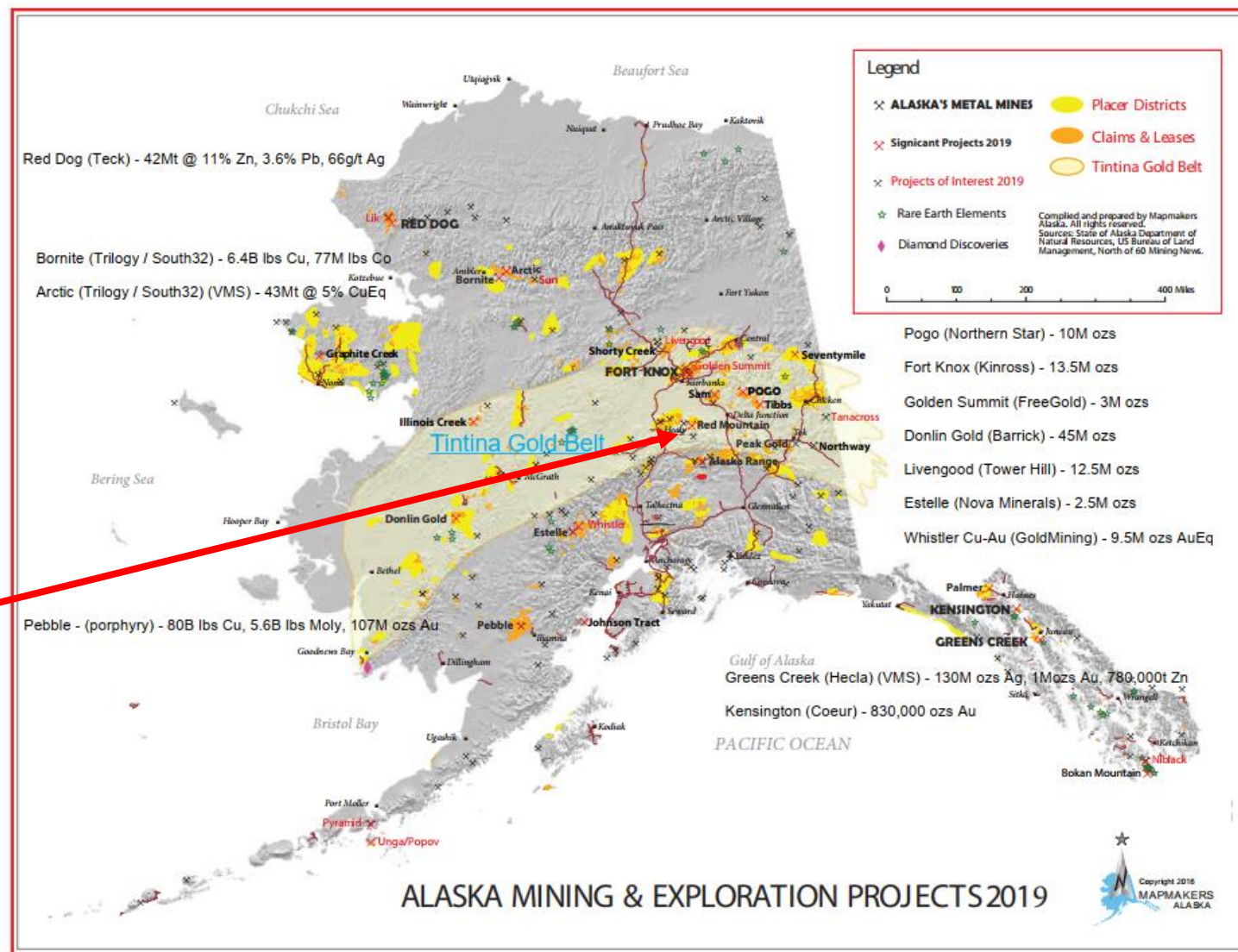
*Location of VMS prospects with respect to the Last Chance gold target and regional geology after Wahrhaftig, 1970.*

*1. Refer ASX Announcement 1<sup>st</sup> February 2021 – “Multiple New Mineralised VMS Targets Identified at White Rock’s Red Mountain Project, Alaska”*



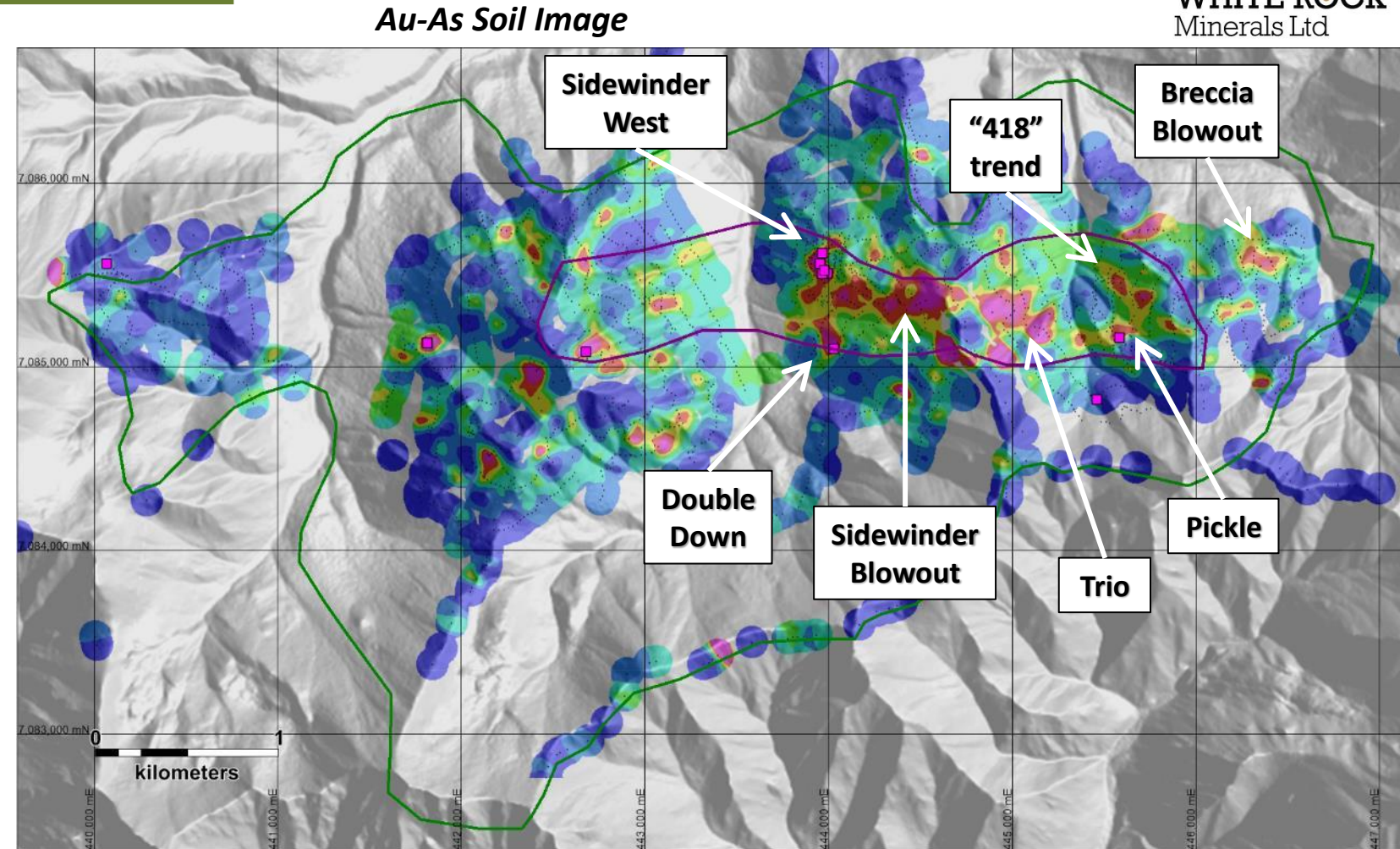
# Gold Potential

- Intrusive Related Gold Systems – IRGS.
  - ✓ Large, cretaceous granite setting.
- **Tintina Gold Belt hosts >200M ozs.**
  - ✓ Pogo – 10M ozs,
  - ✓ Fort Knox – 13.5M ozs,
  - ✓ Donlin – 45M ozs.
  - Arches east into the Yukon.
- ✓ **Red Mountain right in the “zone”.**



# Last Chance Gold Prospect

- **15km<sup>2</sup> stream anomaly >30ppb gold with 4 contiguous catchments >100ppb peaking at 418ppb gold.**
- **Gold-arsenic-antimony anomalism defined by systematic soil sampling has revealed an enormous system extending for over 6km strike east-west and up to 1.2km wide north-south.**
- **Core area of anomalism centred on 2km strike from Sidewinder West to Pickle.**
- **11 samples >1g/t (5 at Sidewinder West).**
- **43 samples >0.4g/t Au.**
- **186 samples >0.1g/t Au.**
- **Strong gold-arsenic (Au-As) correlation.**
- **Discovery to Drilling in 2020**
  - ✓ 2,800 soil samples taken.
  - ✓ 8 sighter holes drilled (for 1,990m).
  - ✓ High-level breccias identified.
  - ✓ Believe the high-grade gold prize is at depth.



*Gold-arsenic weighted soil image using laboratory gold assays and pXRF arsenic results for soil samples*

<sup>1</sup> Refer ASX Announcement 26<sup>th</sup> August 2020 – “Mid-season Exploration Update: Last Chance Gold Target, Alaska”

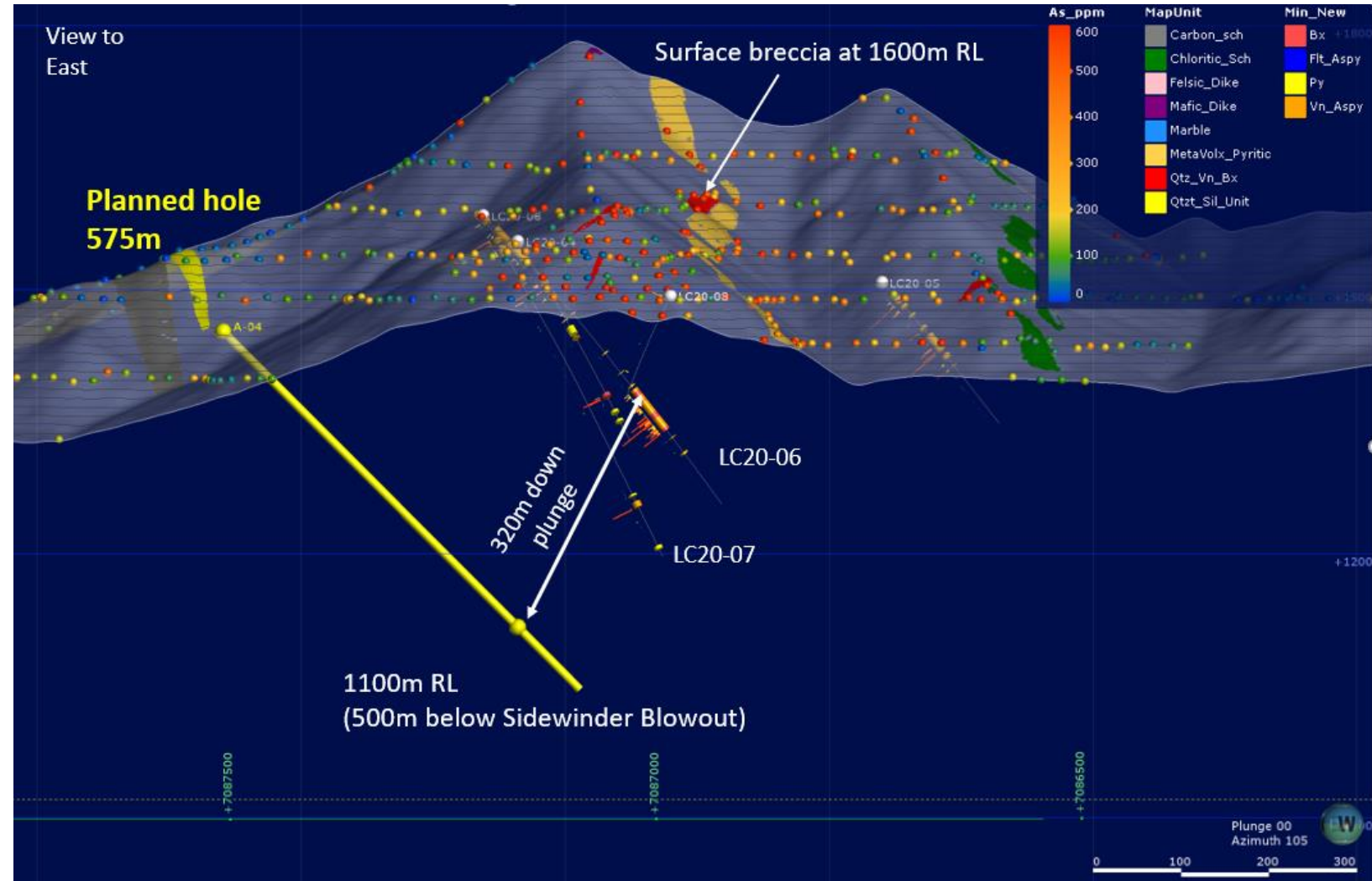


# Last Chance Prospect

## 2021 Drill Program

- Test shallow “418 trend”.
- Test deep structural positions beneath high-level indicators.
- Vector on:
  - Structure (SkyTEM),
  - Au-As-Sb Geochem,
  - Phengite-muscovite alteration transition,
  - Favourable host rocks.

**Third diamond drill rig  
from mid-June**



# Merger<sup>1</sup> with AuStar Gold Victorian gold explorer and producer

1. Merger by way of a Scheme of Arrangement, subject to approval by AuStar Shareholders.

Refer ASX Announcement dated 3 February 2021:-  
*“AuStar Gold to be acquired by White Rock Minerals”*





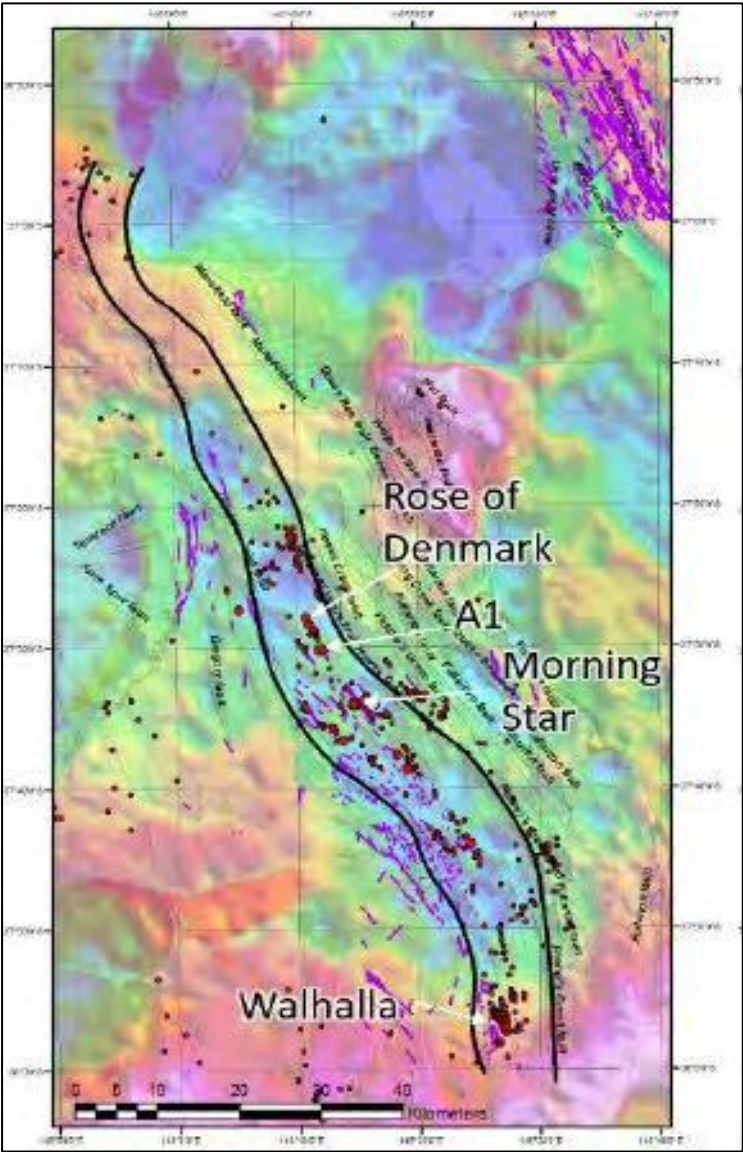
# AuStar Gold Executive Summary (AUL Website)

- ❖ Victorian, **high-grade gold** opportunity.
- ❖ **Morning Star Mine** produced circa 830,000 oz of gold at ~26.5g/t gold between 1867 and 1963.
- ❖ **Infrastructure in place** - 2 mining licences, underground mine, a shaft and winder hoisting infrastructure and an 80,000 tpa gravity gold processing plant.
- ❖ Mining at Morning Star in 2020 at grades above 10g/t gold. ~200 ounces per month.
- ❖ Significant **potential for growth** within the mining leases.
- ❖ Significant exploration potential with a land holding of 670 km<sup>2</sup>.
- ❖ Regional landholding has geological **similarities** with the **Fosterville** goldfield.



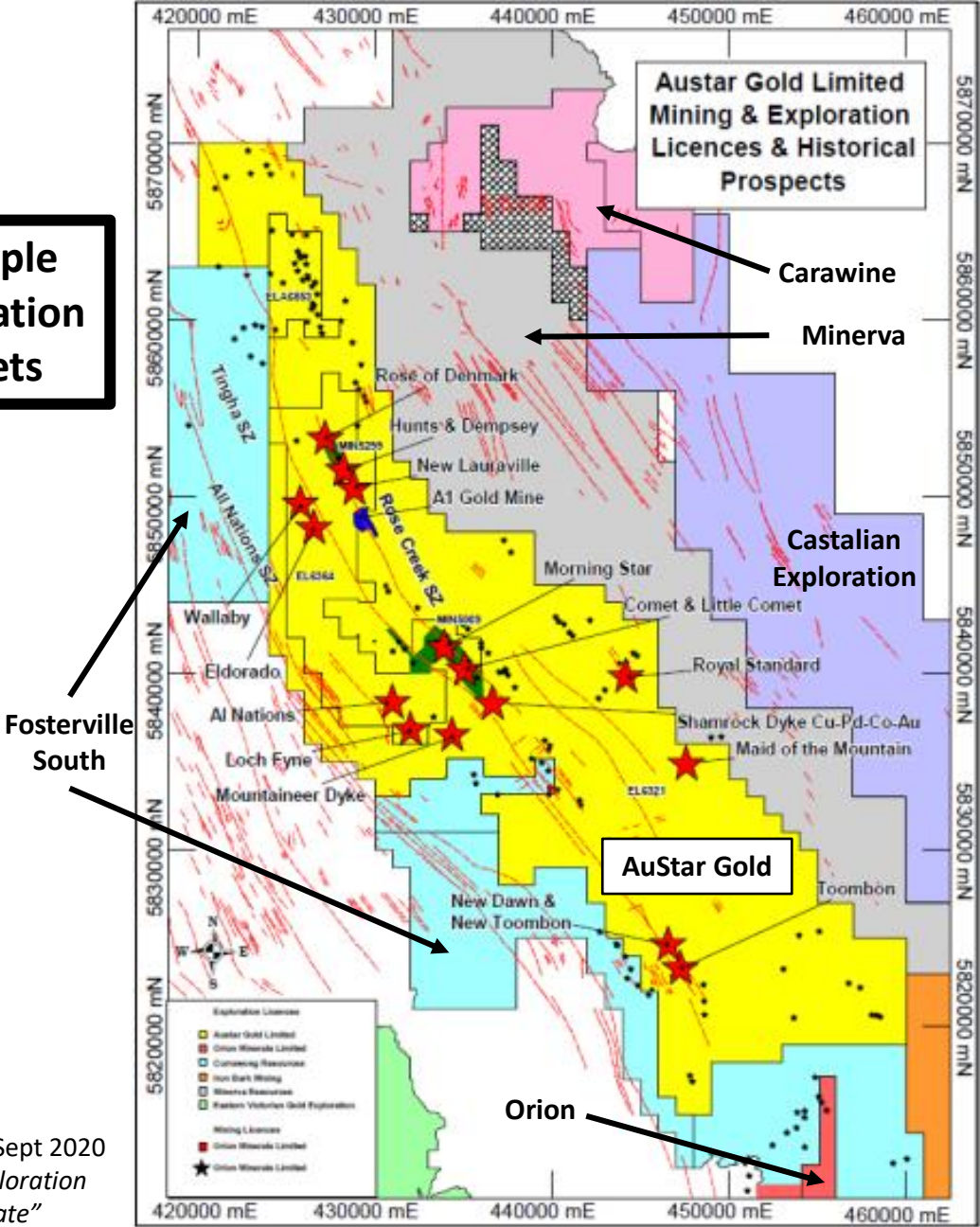


# AuStar Gold (ASX:AUL)



Multiple exploration targets

ASX: AUL – 1 Sept 2020  
 “Regional Exploration Program Update”



All on AUL tenements

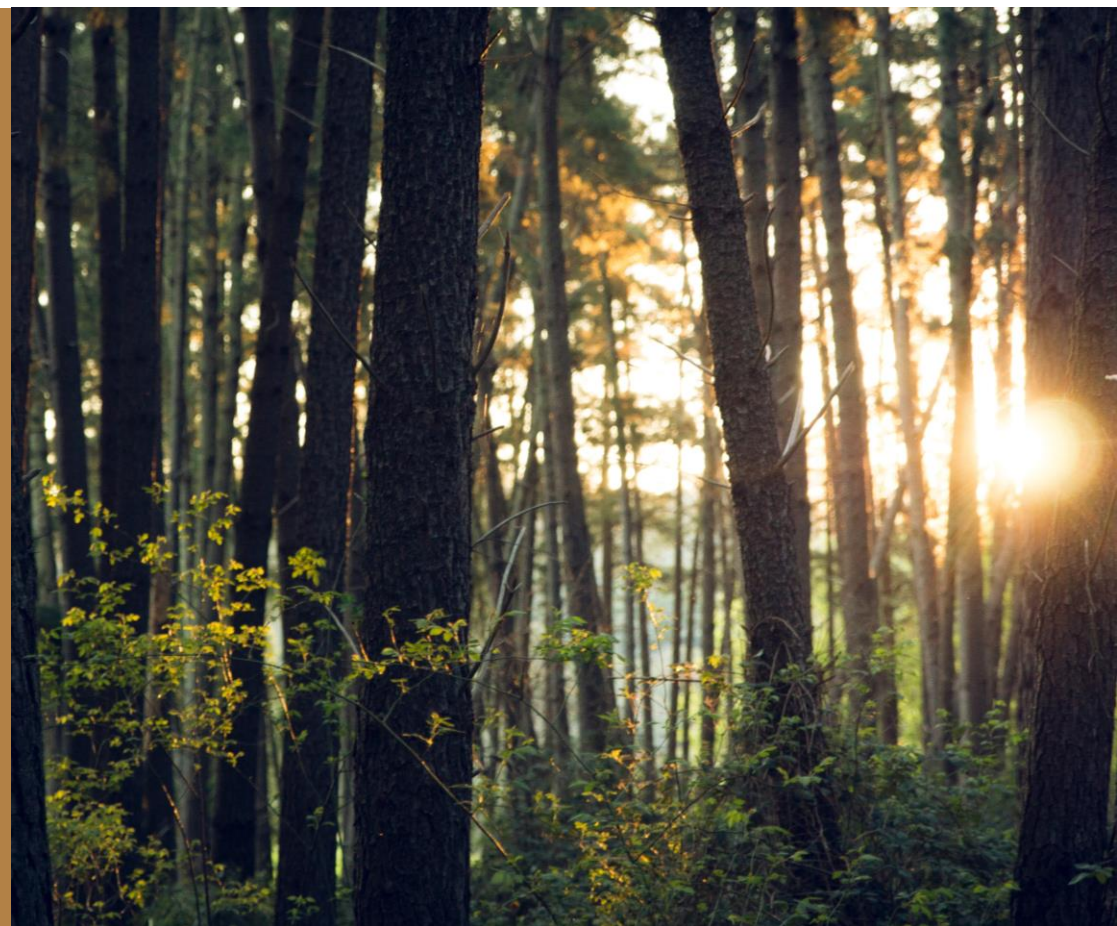
Prospect	Produced ~Au oz
Comet, Little Comet	76,000
All Nations	131,000
Loch Fyne	86,000
Toombon	50,844
Rose of Denmark	36,000
Hunts	20,000
Dempsey	24,000
New Lauraville	2,300
Royal Standard	15,000
Wallaby	7,000
Great Eldorado	13,000

Table (1): Tenement Historical Production



# Mount Carrington

## Advanced Development Project



# White Rock Minerals Quality Asset Portfolio

## Mount Carrington, New South Wales



Mt Carrington gold deposits



Mt Carrington Tailings Storage Facility

### Advanced gold and silver development asset:-

- JORC Mineral Resources<sup>1</sup>:-
  - ✓ **352,000 ounces of gold and 23.3 million ounces silver.**
  - ✓ **JORC Ore Reserve of 174,000 ounces gold.**
- Known mining area – Past mining and extensive infrastructure in place.
- Drill-ready exploration targets identified to expand and / or extend mine life.
- **Pre-Feasibility Study for the Gold First Stage completed and updated in 2020<sup>2&3</sup>.**
- Definitive Feasibility Study step to commence.
- Environmental Impact Statement well advanced.
- **Term Sheet signed with ASX-listed Thomson Resources to advance the project via a joint venture<sup>4</sup>.**
  - ✓ White Rock gets free carried through the DFS and EIS Approvals stages.
  - ✓ Cash payments along the way.

1. The Mt Carrington project hosts JORC estimates of Inferred and Indicated Mineral Resources, and a Probable Ore Reserve – refer Disclaimer & Cautionary Statement on slide 2.
2. Refer ASX Announcement 27 December 2017 – “Mt Carrington Gold-Silver Project Pre-Feasibility Study Stage 1”
3. Refer ASX Announcement 19 August 2020 – “Exceptional Updated Gold Pre-Feasibility Study Results”
4. Refer ASX Announcement 23 February 2021 – “Term Sheet Signed with TMZ to Progress Mt Carrington Project”

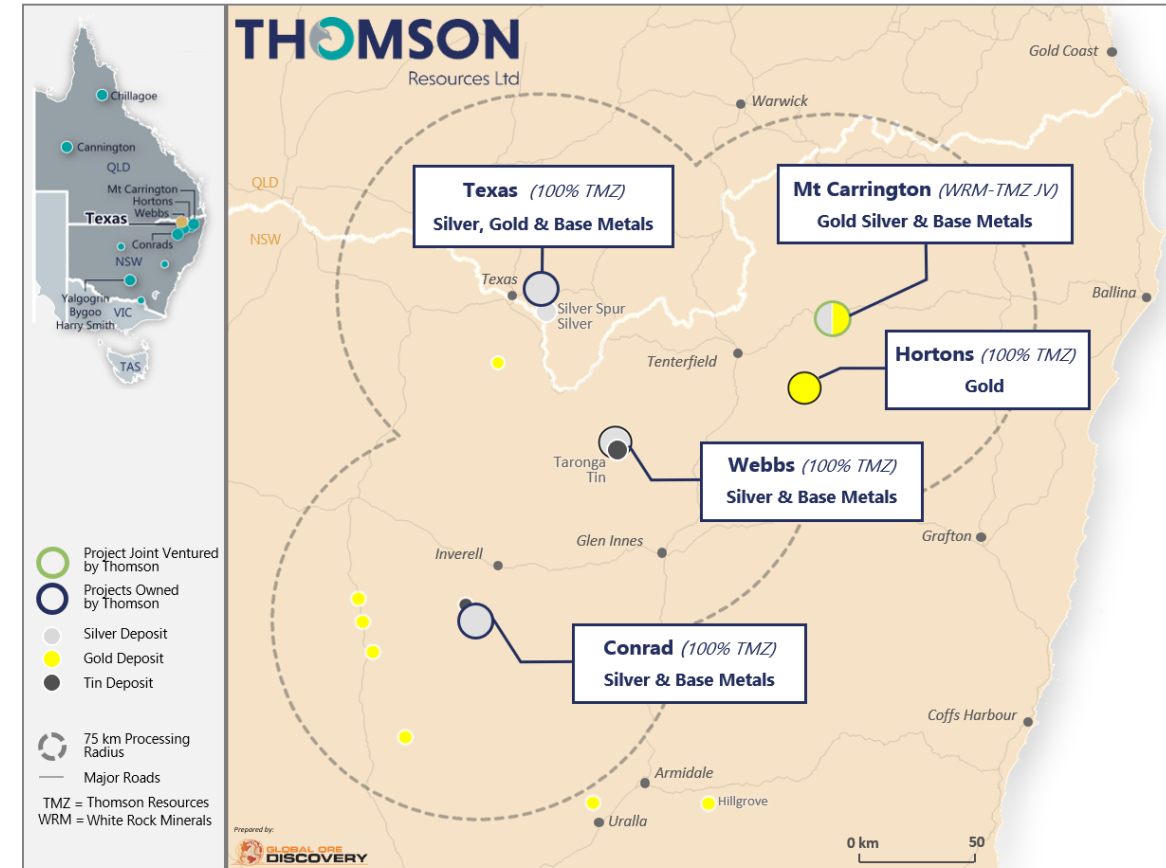


# Mount Carrington Pathway forward

## TERMS of the JV<sup>1</sup> with Thomson Resources:-

### Joint Venture Agreement signed<sup>2</sup> to advance the Project:-

- ✓ Three stage earn-in and option to Joint Venture Agreement to be formed with ASX-listed Thomson Resources (ASX:TMZ).
- ✓ **Stage 1. White Rock free carried through the DFS and EIS.**
  - ~A\$5M Budget. TMZ earns 30% of asset.
- ✓ **Stage 2.** NSW Development Consent and final Investment Decision achieved.
  - WRM continues to be free carried. TMZ can move to 51%.
- ✓ **Stage 3.** TMZ can move to 70% by paying WRM A\$12.5M.
- ✓ **Stage 4.** Development of the project along JV ownership lines.
- ✓ TMZ to maintain the tenements and cover the C&M costs until a JV is formed, be that at 30:70, 51:49 or 70:30 (TMZ:WRM).
- ✓ **Staged cash payments** to WRM totalling **A\$1.2M** during Stages 1 and 2 and a refund to WRM of the Rehab Bond in proportion to the TMZ JV % holding.



Location of Thomson Resources projects and Mt Carrington Joint Venture in relation to Thomson's Hub and Spoke Concept.

<sup>1</sup> Refer ASX Announcement 23 February 2021 – "Term Sheet Signed with TMZ to Progress Mt Carrington Project"

<sup>2</sup> Refer ASX Announcement 3 May 2021 – "Thomson & White Rock Execute Agreement on Mt Carrington"

# Why Rock Minerals?

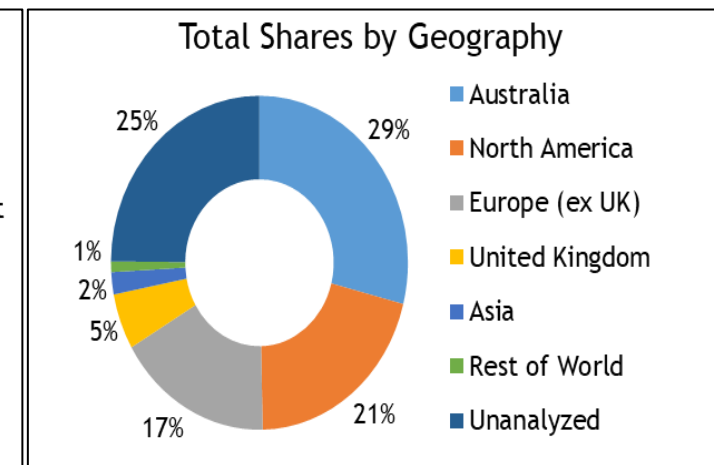
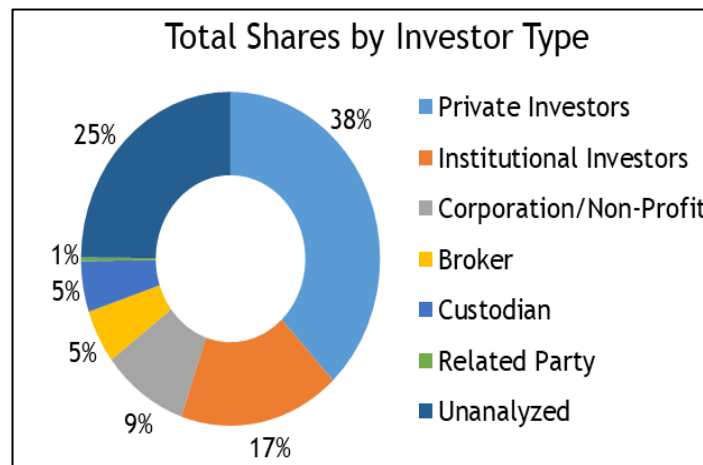
<p>✓ <b>Red Mountain silver – zinc – gold VMS</b></p>	<ul style="list-style-type: none"> <li>• Fully funded drilling program in 2021.</li> <li>• Demonstrated down dip potential for the silver-rich zinc Dry Creek VMS Resource to grow along its entire 1,200 metre strike length.</li> <li>• Multiple VMS targets yet to be tested within the district-scale 836km<sup>2</sup> tenement package.</li> </ul>
<p>✓ <b>Exciting exploration upside</b> ➤ <b><u>Last Chance Gold Target</u></b></p>	<ul style="list-style-type: none"> <li>• Fully funded drilling program in 2021.</li> <li>• Last Chance is a significant gold IRGS anomaly identified in the Tintina Gold Province.</li> <li>• Soil sampling has defined a large gold-arsenic system over 6km strike east-west and 1.2km wide north-south.</li> </ul>
<p>✓ <b>Mt Carrington gold – silver – copper</b></p>	<ul style="list-style-type: none"> <li>• Development project with an advanced and updated Pre-Feasibility Study and a JORC Reserve.</li> <li>• Brownfields development and reduced capex requirement with infrastructure to support mining in place.</li> <li>• Joint venture agreement signed – White Rock is free carried through the Approvals and DFS stages.</li> </ul>
<p>✓ <b>Proposed Merger with a Victorian gold explorer and producer</b></p>	<ul style="list-style-type: none"> <li>• Subject to certain conditions and AuStar shareholder voting, White Rock to acquire by way of a merger a Victorian gold explorer and producer.</li> <li>• AuStar holds 670km<sup>2</sup> of highly prospective exploration ground with historical production &gt; 1M ozs gold.</li> <li>• AuStar also currently producing modest quantities of gold from its high-grade Morning Star gold mine and gold processing facility (past production of &gt;800,000 ozs at &gt;26g/t gold).</li> </ul>
<p>✓ <b>Jurisdictional diversification</b></p>	<p>Projects in Alaska and NSW, both low risk investment Tier One destinations.</p>



# Corporate Structure

## Capital Structure

ASX Code	WRM
OTCX Code	WRMCF
Fully paid shares on issue	89.5m
Listed Options	0.9m
Unlisted options	2.1m
Market Cap (@ ~50c/share)	A\$44m
Debt	Nil
Cash on hand (31 <sup>st</sup> March 2021)	A\$10.9m



Source:- Nasdaq, May 2021

## Successful Capital Raise end April raised A\$8.5m

### Top Shareholders (as at end May 2021)

Crescat Capital (Institution) (USA)	10.9%
BinckBank (Netherlands), BoA (UK) and KBC Bank (Belgium)	6.5%
Canaccord Genuity (UK and Aust.)	3.8%
UBS & ISP (Switzerland) (Commodity Capital & Torck Capital)	2.9%
Leet Investments (Australia) (HNW)	1.9%
CRH (Institution) (USA)	1.3%
HNW Individual (Belgium)	1.2%
<b>Top 20 Shareholders</b>	<b>58.9%</b>



**Thank you.**

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Camp at Red Mountain, central Alaska



# ZINC EQUIVALENT AND SILVER EQUIVALENT CALCULATION FACTORS

The Red Mountain Mineral Resource information was prepared and first disclosed under the JORC Code (2012) as per the ASX Announcement by White Rock Minerals Ltd on 26th April 2017.

Metallurgical recoveries and metal prices have been applied in calculating zinc equivalent (ZnEq) and silver equivalent (AgEq) grades.

In order to assess the potential value of the total suite of minerals of economic interest, formulae were developed to calculate metal equivalency for the zinc and silver (see below).

Metal prices were derived from average S&P consensus forecasts for the period 2020 through 2030.

Metallurgical recovery information was sourced from preliminary flotation test work completed by Grayd Resources Inc. (International Metallurgical & environmental Inc, 1999).

In WRM's opinion all the metals used in the equivalence calculations have a reasonable potential to be recovered and sold.

WRM has chosen to report both the ZnEq and AgEq grades as although individually zinc is the dominant metal by value, the precious metals (Ag+Au) are of similar contribution by value (44% for zinc and 40% for silver+gold respectively) and will be recovered and sold separately to the zinc.

The formulae below were applied to the estimated constituents to derive the metal equivalent values:

**Zinc Equivalent** ("ZnEq") (%) = (Au grade (g/t) x (Au price per ounce/31.10348) x Au recovery) + (Ag grade (g/t) x (Ag price per ounce/31.10348) x Ag recovery) + (Cu grade (%) x (Cu price per tonne) x Cu recovery) + (Pb grade (%) x (Pb price per tonne) x Pb recovery) + (Zn grade (%) x (Zn price per tonne) x Zn recovery) / (Zn price per tonne x Zn recovery).

**Silver Equivalent** ("AgEq") (g/t) = (Au grade (g/t) x (Au price per ounce/31.10348) x Au recovery) + (Ag grade (g/t) x (Ag price per ounce/31.10348) x Ag recovery) + (Cu grade (%) x (Cu price per tonne) x Cu recovery) + (Pb grade (%) x (Pb price per tonne) x Pb recovery) + (Zn grade (%) x (Zn price per tonne) x Zn recovery) / (Ag price per ounce/31.10348 x Ag recovery).

Metals	Unit	Price	Recovery
<b>Zn</b>	USD/t	2,425	90%
<b>Ag</b>	USD/troy ounce	21.00	70%
<b>Au</b>	USD/troy ounce	1,732	80%
<b>Pb</b>	USD/t	2,072	75%
<b>Cu</b>	USD/t	6,614	70%

## Mineral Resource<sup>1</sup>

**Table 1: Red Mountain April 2017 Inferred Mineral Resource Estimate**

Prospect	Cut-off	Tonnes and Grade						Contained Metal				
		Tonnage	Zn	Pb	Ag	Cu	Au	Zn	Pb	Ag	Cu	Au
		Mt	%	%	g/t	%	g/t	kt	kt	Moz	kt	koz
Dry Creek Main	1% Zn	9.7	2.7	1.0	41	0.2	0.4	262	98	12.7	15	123
West Tundra Flats	3% Zn	6.7	6.2	2.8	189	0.1	1.1	416	188	40.8	7	229
Dry Creek Cu Zone	0.5% Cu	0.3	0.2	0.04	4.4	1.4	0.1	0.5	0.1	0.04	4	1
<b>Total</b>		<b>16.7</b>	<b>4.1</b>	<b>1.7</b>	<b>99</b>	<b>0.2</b>	<b>0.7</b>	<b>678</b>	<b>286</b>	<b>53.5</b>	<b>26</b>	<b>352</b>

**Table 2: Red Mountain April 2017 Inferred Mineral Resource Estimate at a 3% Zn Cut-off  
(contained within Table 1, not additional)**

Prospect	Cut-off	Tonnage	Zn	Pb	Ag	Cu	Au	Zn	Pb	Ag	Cu	Au
		Mt	%	%	g/t	%	g/t	kt	kt	Moz	kt	koz
Dry Creek Main	3% Zn	2.4	4.7	1.9	69	0.2	0.4	115	46	5.3	5	32
West Tundra Flats	3% Zn	6.7	6.2	2.8	189	0.1	1.1	416	188	40.8	7	229
<b>Total</b>		<b>9.1</b>	<b>5.8</b>	<b>2.6</b>	<b>157</b>	<b>0.1</b>	<b>0.9</b>	<b>531</b>	<b>234</b>	<b>46.1</b>	<b>12</b>	<b>260</b>

<sup>1</sup> The Red Mountain project hosts JORC estimates of Inferred resources – refer Disclaimer & Cautionary Statement Slide 2

<sup>1</sup> Refer ASX Announcement 26 April 2017 – “Maiden JORC Mineral Resource at Red Mountain Zinc Silver Project”