14 July 2021

INVESTOR PRESENTATION - NOOSA MINING CONFERENCE

Resolution Minerals LTD (ASX:RML) is pleased to invite investors to view an online investor presentation by Managing Director, Duncan Chessell, who will be presenting (virtually) at the Noosa Mining Conference **today at 3:40pm (Brisbane time). Free Access via link below.**

Noosa Mining Conference 2021
https://www.noosaminingconference.com.au

The presentation will focus on the 64North Project in Alaska where drilling was recently completed at East Pogo Prospect adjacent to the world-class high-grade Pogo Gold Mine. The presentation will also discuss the results of the recent geophysics survey highlighting the copper prospectivity of the Wollogorang Project in the Northern Territory.

A video of the presentation is also available via Resolution's website.
https://www.resolutionminerals.com/investor-center/noosa-presentation-2021

A copy of the presentation is attached to this announcement.

For further information please contact the authorising officer:

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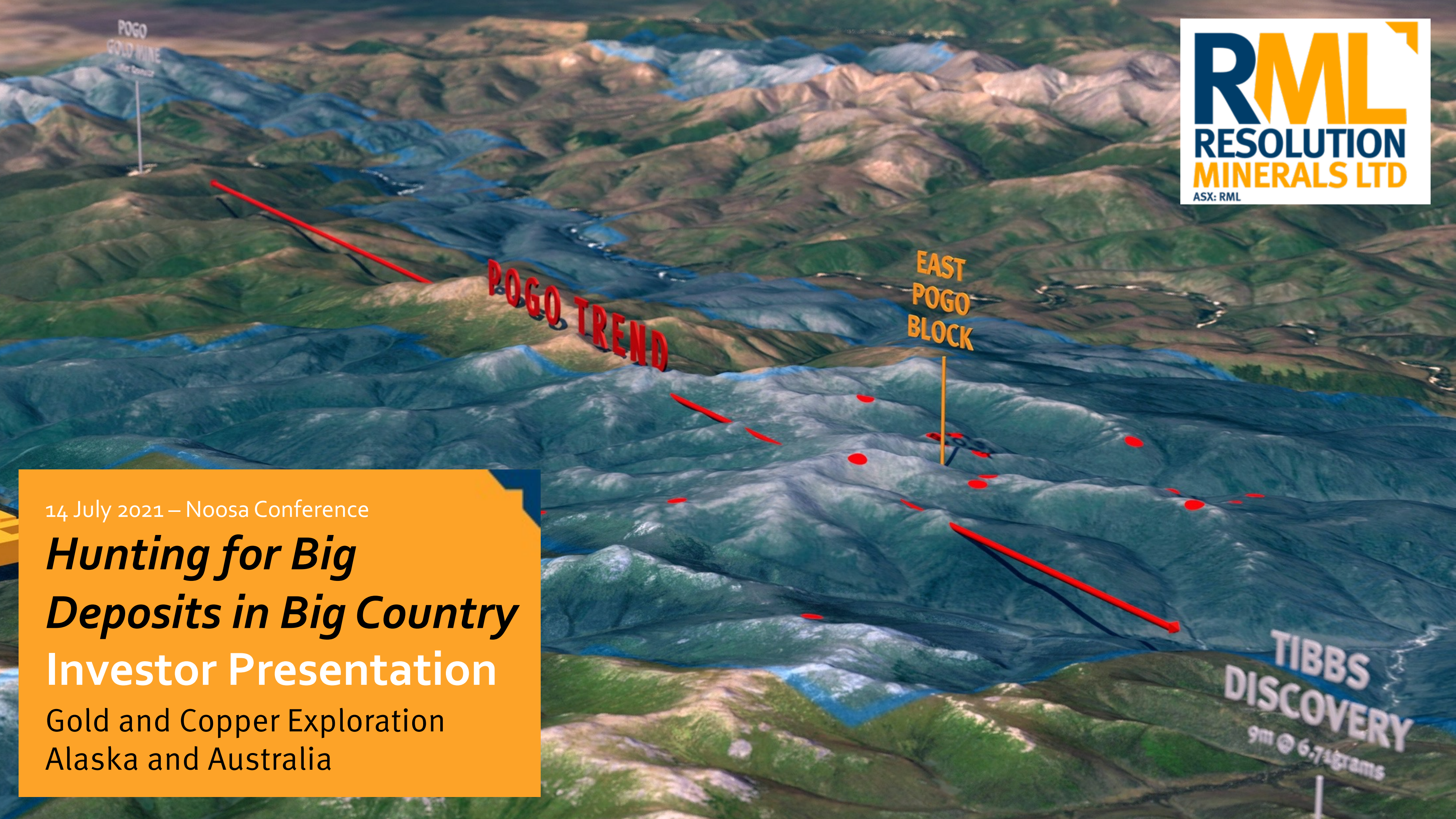
or visit our website www.resolutionminerals.com



RML
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ASX: RML

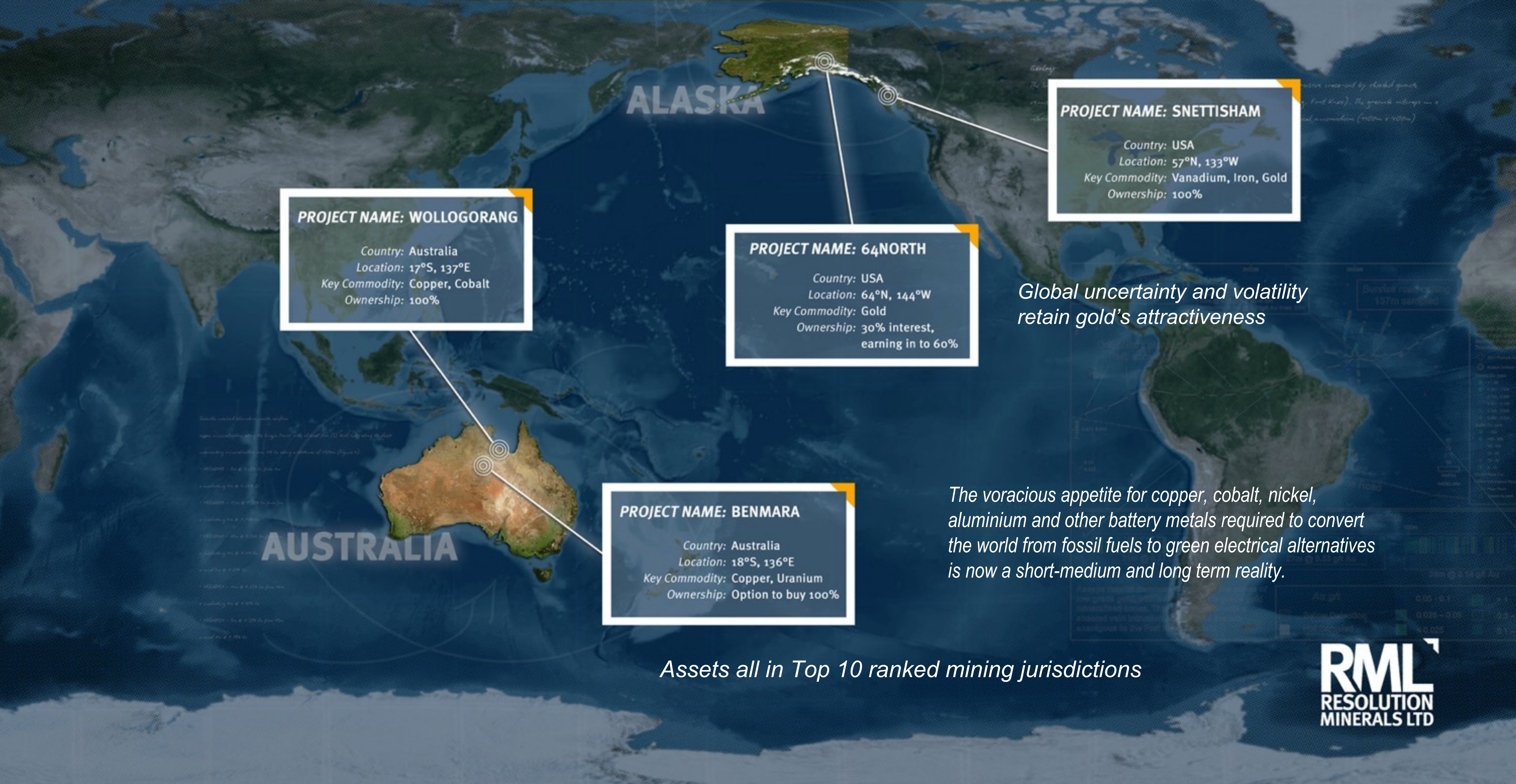
14 July 2021 – Noosa Conference

Hunting for Big Deposits in Big Country

Investor Presentation

Gold and Copper Exploration
Alaska and Australia

RESOLUTION MINERALS PROJECTS



PROJECT NAME: WOLLOGORANG

Country: Australia
Location: 17°S, 137°E
Key Commodity: Copper, Cobalt
Ownership: 100%

PROJECT NAME: 64NORTH

Country: USA
Location: 64°N, 144°W
Key Commodity: Gold
Ownership: 30% interest, earning in to 60%

PROJECT NAME: SNETTISHAM

Country: USA
Location: 57°N, 133°W
Key Commodity: Vanadium, Iron, Gold
Ownership: 100%

PROJECT NAME: BENMARA

Country: Australia
Location: 18°S, 136°E
Key Commodity: Copper, Uranium
Ownership: Option to buy 100%

Global uncertainty and volatility retain gold's attractiveness

The voracious appetite for copper, cobalt, nickel, aluminium and other battery metals required to convert the world from fossil fuels to green electrical alternatives is now a short-medium and long term reality.

Assets all in Top 10 ranked mining jurisdictions

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COMPANY OVERVIEW

Resolution Minerals Ltd (RML) is a junior mineral explorer with projects prospective for in-demand commodities gold, copper and other battery metals. RML believes the largest short and medium term value creation for shareholders is through discovery success.

Duncan Chessell - *Managing Director* BSc, MAIG, MAusIMM, GAICD
Geologist, 20+ years experience in business and oil, gas, precious and battery metals exploration and project generation in Australia and Papua New Guinea. Triple Mt Everest summiteer, and currently Non-Executive Director of The Outdoor Education Group.

Craig Farrow – *Chair*
Non-Executive; Chartered Accountant with a strong commercial acumen across multi sectors including agriculture, professional services and technology. Previous Directorships include Vocus Group (ASX:VOC) amongst others.

Andrew Shearer - *Director*
Non-Executive; Geophysicist with a technical and corporate background as a resource analyst. Non-Executive Director of Andromeda Metals (ASX:ADN) and Investigator Resources (ASX:IVR).

Christine Lawley - *Exploration Manager BSc(Hons), MSc, RPGeo, MAIG, MAusIMM*
Christine has 15 years' mineral exploration experience in gold, base and strategic metals with Newmont, Musgrave Minerals and Iluka and holds a Masters Degree in Ore Deposit Geology.

Rebecca Gower – *VP Exploration Alaska BSc, MSc, MSEG, MAusIMM*
Rebecca has 15 years' mineral exploration in Alaska, South America and Australia in precious and base metals including 8 years gold and nickel exploration in Australia. Based in Fairbanks Alaska, Rebecca manages the 64North and Snettisham Projects.

Kelvin Blundell - *Consulting Geophysicist*
Sandfire's consulting geophysicist for the significant DeGrussa Cu-Au massive-sulphide discovery and recent success with Musgrave Minerals, Kelvin has 20 years experience internationally having worked on projects in Australia, Canada and Africa in precious and base metals.

July 2021 Capital Structure ASX:RML (share price $0.025)

Market Capitalisation / Share Price	**$11m / $0.025**
Ordinary Shares	**448m**
Top 20 Shareholders	**~31%**
Cash 31 March 2021 Quarterly Report	**$3.1m**
Total Number of Shareholders	**~2400**
Options ($0.042/sh, 15/04/22)	59m
Options ($0.10/sh, 30/6/22) Listed RMLOA	6.1m
Options ($0.12/sh, 30/9/23) Listed RMLOB	75m
Options ($0.25/sh, 6/9/21)	5.8m
Options ($0.08/$0.10/sh, 30/11/22) - escalating price / year	13.4m
Unlisted rights (m) – (to Board and Management)	11.4m
Performance Shares - Class A & B (m) (IPO Vendor milestones on Wollogorang, 6/9/2022)	13.2m

ALASKA TINTINA GOLD PROVINCE – GIANT GOLD DEPOSITS!

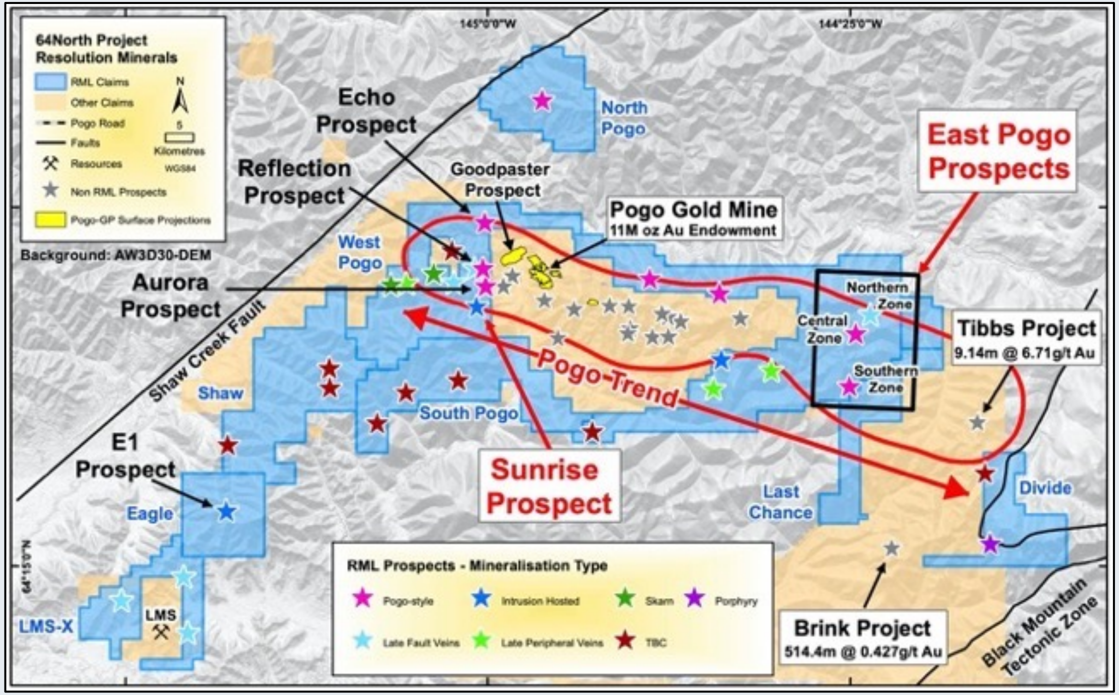
Deposit sizes stated as Endowment (Resources & Reserves + Historic Production), from Company websites, as listed on disclaimer slide

The 64North Project – Alaska

- Drill tested 2 potential GIANT size gold prospects in 2021: Sunrise and East Pogo
- 672km^2 surrounding the 11M oz Au Pogo Gold Mine owned by Northern Star (ASX:NST)
- 30% interest achieved with right to earn a:
  - 42% intertest further US$0.9m spend (6 months)
  - 51% interest further US$2.35m (1.5 years) then JV or
  - 60% interest further US$2.35m (2.5 years).
- In 2020 built a strong pipeline of 30 prospects and acquired new geophysical data sets and built jurisdictional expertise.
- Operational control of project in 2021

Assays pending on the East Pogo Prospect: - seven (7) quartz veins up to 4.6m thick were intersected in five (5) of 12 holes in recently completed RC drilling program. Results due ~ early August.

64NORTH PROJECT - ALASKA



Two styles of gold mineralisation targeted on the 64North Project

- Pogo style - East Pogo
- Fort Knox style - Sunrise Prospect

30 Prospects ranked on 64North Project
#1 East Pogo
#2 Sunrise / West Pogo

The Right Ingredients

☑ Right Geology – Granitic Intrusions, age 80-102 Ma, main mineralizing engine room present throughout Tintina Gold Province
☑ Brown fields – next to Pogo Gold Mine
☑ Same rocks as Pogo Mine
☑ Large structures – potential fluid pathways identified in geophysics surveys
☑ Geophysics – ZTEM and CSAMT surveys indicate geophysical "look-a-likes" of Goodpaster & Pogo Mine @ East Pogo
☑ Large intrusive granites identified in geophysics at Sunrise / West Pogo Prospect – potential Fort Knox style

Historic Exploration Database

US$15 million in expenditure 1998-2012

- ~40,000 Surface Samples
- 11,434 m of NQ core drilling
- Airborne Magnetics & EM

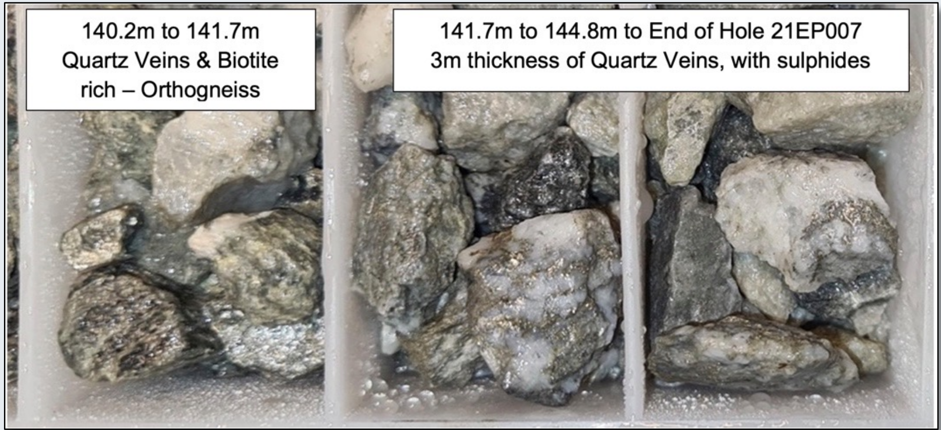
RESOLUTION MINERALS

64NORTH PROJECT: RECENT DRILLING COMPLETED

Heli-supported RC drilling program completed end of June 2021 – assays pending

Targeting Pogo-style gold mineralisation derived from extensive geophysical surveys in 2020, on the Pogo trend.

64NORTH PROJECT: EAST POGO PROSPECT

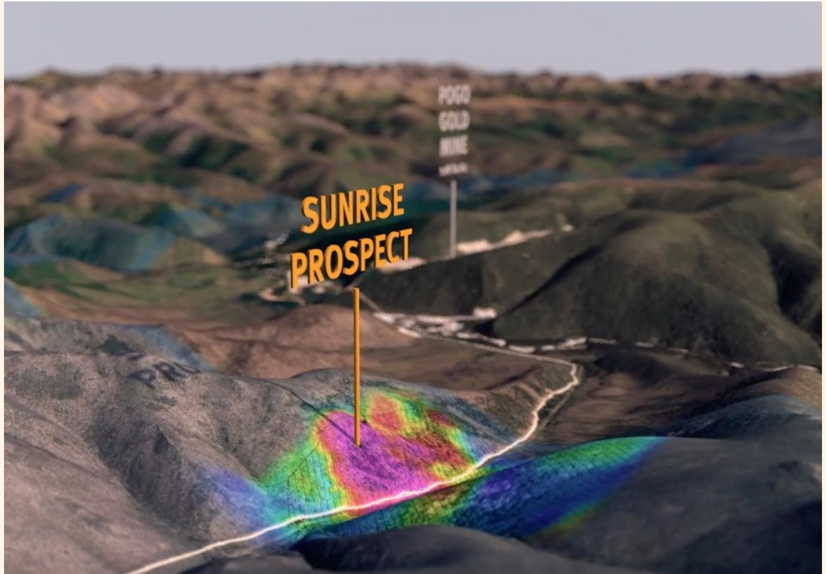


East Pogo drilling visual results

- Seven quartz veins up to 4.6m thick were intersected in five (5) of 12 holes
- Assays pending ~ 3 weeks

Hole ID	From (ft)	To (ft)	From (m)	To (m)	Interval (m) QTZ Vein	Au g/t
21EP001	260	275	79.2	83.8	4.6	
21EP002	205	210	62.5	64.0	1.5	Quartz veins only
21EP007	460	475	140.2	144.8	4.6	
21EP011	450	455	137.2	138.7	1.5	Assays pending
21EP011	530	535	161.5	163.1	1.5	
21EP011	600	605	182.9	184.4	1.5	Visual results only
21EP012	315	330	96.0	100.6	4.6	

64NORTH: SUNRISE PROSPECT



RAB drilling completed April Sunrise Prospect 64North Project Alaska
Illustrative 3D diagram: gold soil anomaly target

RAB drilling program 1400m traverse

- **Drilling completed April 2021**
- Targeting outcropping **Fort Knox style** mineral system to test scale - highlighted in 2020 trenching program
- Using existing RML tracks, next to Pogo Mine Road - all year access

Fort Knox Mine Fairbanks, produced 237,925oz Au 2020*

- 0.1g/t Au cut off grade, US$1,054 oz/Au Production cost

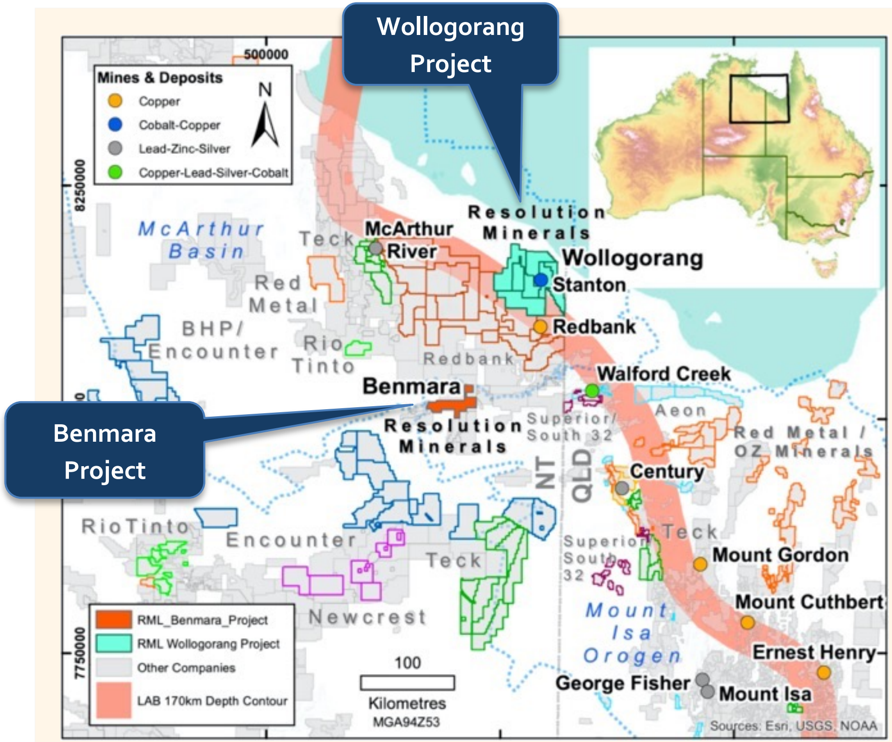
Drilling Results

- **Confirm the presence of thick intervals of Fort Knox style mineralisation** in a 280m wide gold mineralised corridor open at depth and to the north and south
- Hole: 21SU009
    - 74.7m @ 0.26 g/t Au (entire hole) from surface
- Hole: 21SU007
    - 36.6m @ 0.33 g/t Au from surface

Other potential Fort Knox style intrusive targets have now been recognised near the Pogo Mine road, proximal to the Sunrise Prospect. Ground **appraisal of the Sunrise Prospect and surrounding prospects is underway**. Further drilling, trenching and geophysics are under consideration.

**annual report 2020 www.kinross.com*

NORTHERN TERRITORY BATTERY METAL PROJECTS



Wollogorang Project (Cu, Co, U)

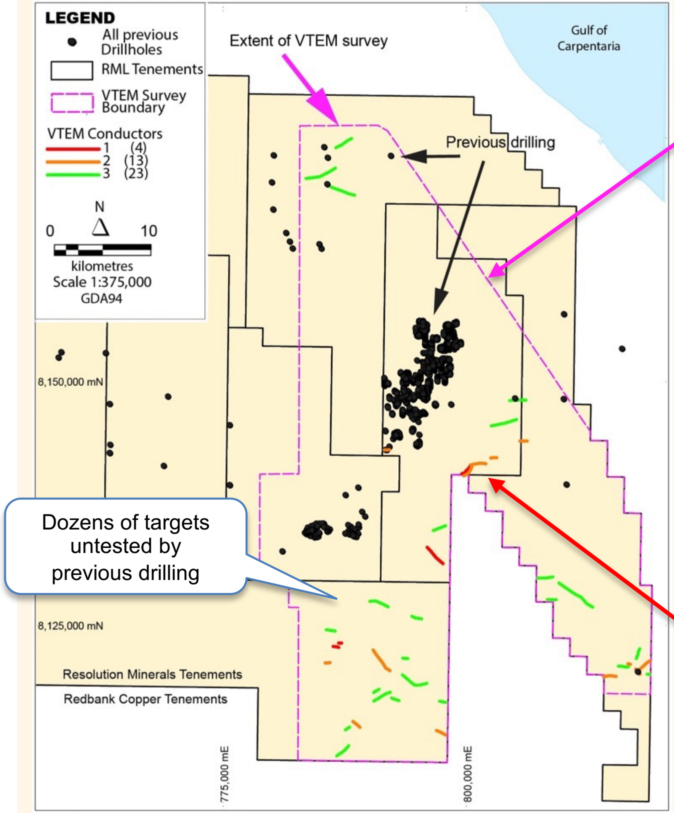
- **40 conductors identified in recent VTEM geophysical survey highlighting the sediment hosted copper potential of the project**
- **Drill targets at the Gregjo Copper Prospect to test chargeable IP geophysical anomaly underlying copper mineralisation intersected in shallow RAB drilling - up to 4% Cu**
- Covering 3825km^2 in the McArthur Basin prospective for sedimentary hosted battery metals: copper, cobalt and prospective for hard rock uranium. 100% owned
- Stanton Cobalt Deposit (942kt @ 0.13% Co, 0.06% Ni, 0.12% Cu)
- Wollogorang is positioned on Geoscience Australia's newly identified base metal corridor - (Hoggard et al 2020)
- Previous exploration focussed on discrete breccia pipes, which demonstrated the presence of copper and cobalt in the system. However, these breccia pipes were not of sufficient scale to warrant further attention on RML's tenements. Resolution's new approach is to use modern VTEM geophysics to identify large scale sediment-hosted stratiform copper mineralisation in reductive host rocks / "trap sites"

Benmara Project (option to acquire100%)

- Complementary to Wollogorang covering 663km^2 along-strike from the Walford Creek Cu-Ag-Pb-Zn-Co and Westmoreland U Deposits on the Fish River Fault
- Anomalous Copper-Silver-Lead-Zinc in surface geochem, potential for IOCG and Uranium

Major and mid-tier companies exploring in the region include South32, Rio Tinto, BHP, Newcrest and OZ Minerals and world class deposits in production e.g.McArthur River Mine

THE WOLLOGORANG PROJECT – COPPER POTENTIAL

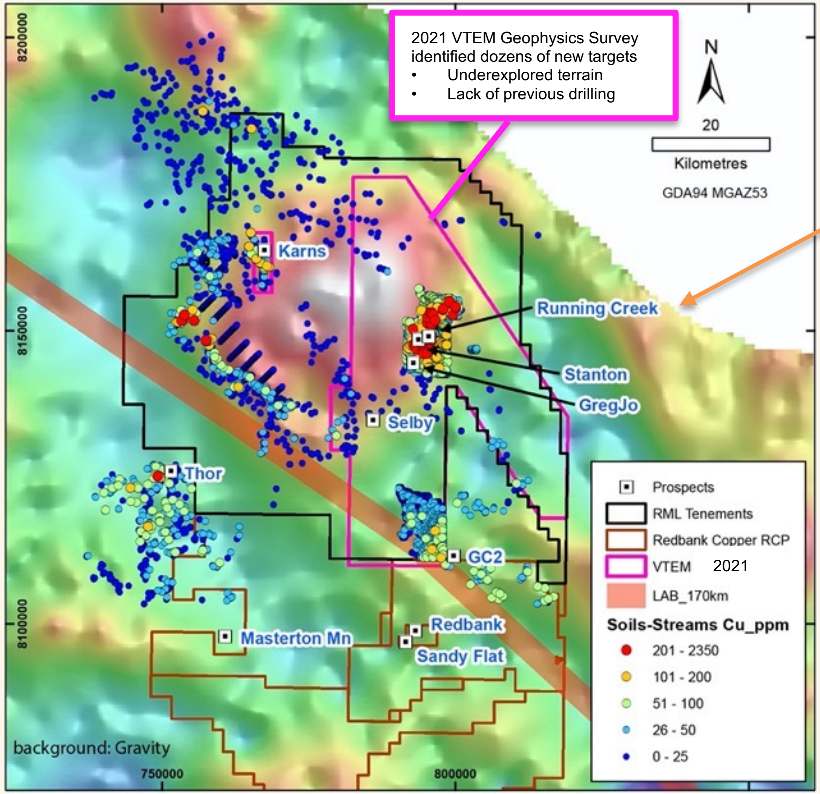


Sediment-hosted stratiform copper potential

- Pre-liminary results from a recent VTEM geophysics survey identified **40 conductors highlighting the copper potential** of the Wollogorang Project, NT.
- VTEM surveys can detect sub-surface conductive bodies to 400m such as massive base metal sulfides directly and other potential trap sites for base metals.
- **Prioritisation of drilling targets with modelling of VTEM results is underway.**
- **Drilling is planned for late August on VTEM targets and the Gregjo Prospect,** rescheduled to allow for extra track preparation and permitting, (subject to rig availability).

Priority	# Targets	Comments
1	4	Strong late-time anomaly or discrete mid-time anomaly
2	13	Good mid-time to late-time anomaly indicative of a bedrock source
3	23	Moderate mid-time anomaly indicative of as bedrock source

THE WOLLOGORANG PROJECT: DRILL TARGETS



Gregjo Prospect (Cu) - to be drill tested in 2021

- Regional scale fault - source of metal rich fluids
- 800m x 200m Cu zone identified in shallow drilling
- Open along-strike to SE and NW
- Flat lying favourable sedimentary host rocks
- UNTESTED chargeable (IP) geophysics anomaly 60m depth to top of target (below 30m deep RAB drilling)
- Indicative drill intersection 7m @ 1.23% Cu from 4m (18RAB13); **Including 1m @ 4.2% Cu in RAB drilling**

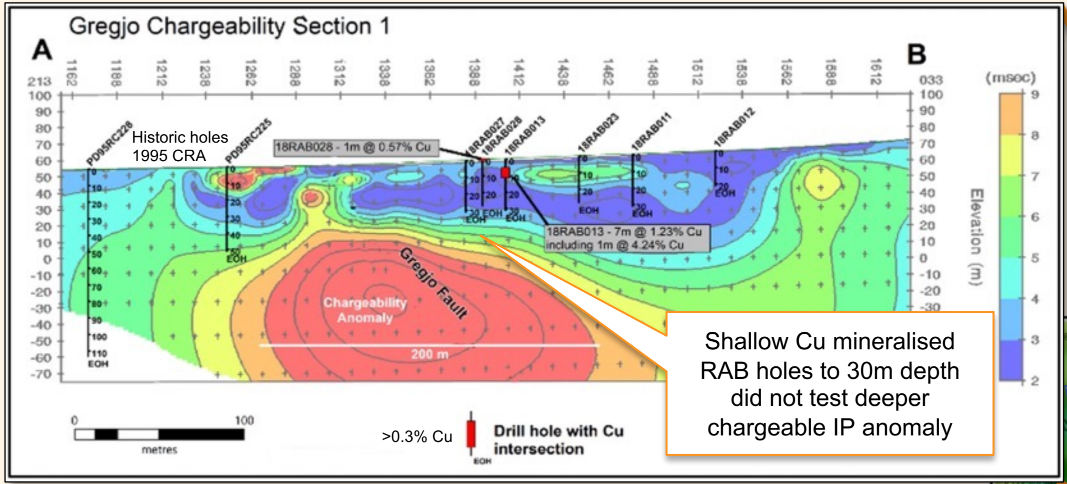
Running Creek Prospect (Cu-Co)

- Chargeable (IP) geophysics anomaly untested
- Indicative drill intersection: 55m @ 0.78% Cu from 1m (18RAB102) - **including 33m @ 1.1% Cu from 11m**.

Stanton Cobalt Deposit*
Total Mineral Resource Estimate 942,000t @ 0.13% Co, 0.06% Ni and 0.12% Cu

*See ASX announcement 9/4/2018 (ASX:N27) for Company JORC (2012) resource statement.

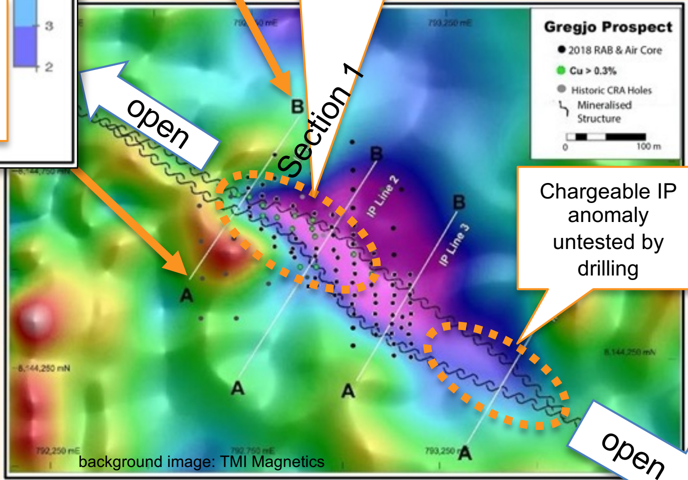
WOLLOGORANG PROJECT: GREGJO PROSPECT



Shallow Cu mineralised RAB holes to 30m depth did not test deeper chargeable IP anomaly

Large Chargeable IP anomaly sits below shallow RAB drilling.
18RAB013: (2018 Co program)
7m @ 1.23% Cu including

- **1m @ 4.24% Cu**



Chargeable IP anomaly untested by drilling

- ✓ Regional scale fault - source of metal rich fluids
- ✓ 800m x 200m Cu zone identified in shallow drilling
- ✓ Open along-strike to SE and NW
- ✓ Flat lying favourable sedimentary host rocks
- ✓ UNTESTED chargeable (IP) geophysics anomaly 60m depth to top of target (sits below RAB drilling)

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RML PROJECTS AND ACTIVITY (2021)

Goals for 2021:

1. Drill test highest priority gold (2) and copper (1) drill ready prospects
2. Generate further drill targets on Northern Territory projects
3. Provide significant news flow to investors, maximise $ in the ground
4. Focus further drilling on the best opportunity to add shareholder value - based on results

Assays Pending

		MARCH	APRIL	MAY	JUNE	JULY	AUGUST	SEPTEMBER
64NORTH, ALASKA (GOLD)				Assay Results		Assay Pending		FOLLOW UP DRILLING BASED ON RESULTS
Logistics for drilling	✓							
Drilling Sunrise Prospect (3000m RAB)	✓		DRILLING			Road Access		
Drilling East Pogo Prospects (2,000m RAB)	✓				DRILLING			
WOLLOGORANG, NT (COPPER , COBALT)		WET SEASON						
Target modelling and Logistics	✓			Moved to August to include new targets generated by VTEM				
Drilling Gregjo Prospect (1000m RC)							DRILLING	
Geophysics Acquisition & Target Generation	✓							
Boots on the ground target identification, Geochem	✓							
BENMARA, NT (COPPER , BATTERY METALS, URANIUM)								
Geophysics Acquisition	✓							
Boots on the ground target identification, Geochem	✓							

Authorised for release by Duncan Chessell

Managing Director Resolution Minerals Ltd ASX:RML

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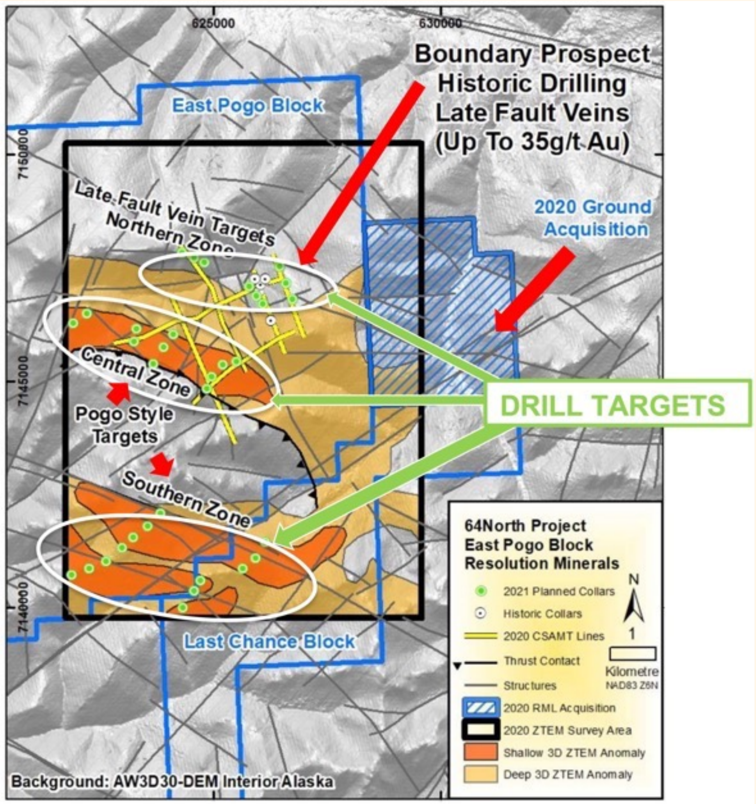
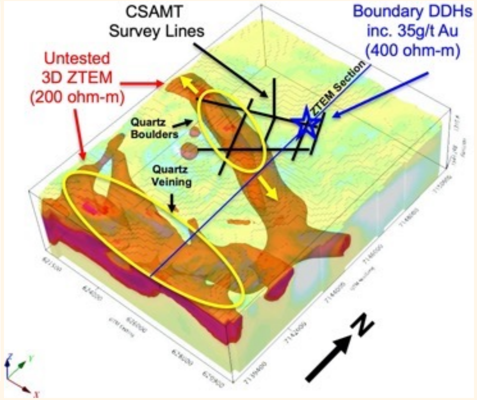
RML RESOLUTION MINERALS LTD

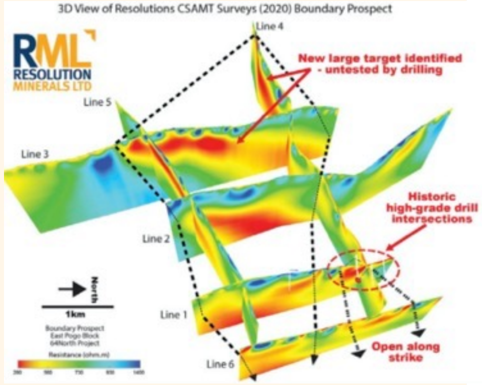
APPENDIX
TECHNICAL / DETAILS

64NORTH: EAST POGO SHALLOW HIGH GRADE GOLD TARGETS



- Extensive RML geophysics surveys (US$400K) in 2020 (ground-based CSAMT, airborne ZTEM and MAG surveys) identified compelling drill targets for summer 2021 season
- Combined Historic Data review with on ground mapping
- Identification of a low angle shear Pogo-style targets within range of low cost RAB drilling
- RC program ~12 holes (50-194m depth) were completed to evaluate the potential of East Pogo to host high-grade gold mineralisation near surface.





PROJECT OWNERSHIP SUMMARY

64North Project: 30% Interest in 64North Project					
Stage	**RML US$ CASH SPEND**	**% Earn in RML**	**RML Shares to Millrock**	**Stage Completion Fee US$**	**Due Date***
Year 2	✓ $0.9m	42%	-	✗ $100,000	31/1/2022
Year 3	$2.35m	51%	10m	$100,000	31/1/2023
Right to form JV on co-funding basis or continue to earn-in					
Year 4	$2.35m	60%	10m	$100,000	31/1/2024

- Year 2 US$0.9m spend exceeded
- Overspend carried to Year 3

First right of refusal over vendor interest (Millrock Resources).
Vendor (Millrock Resources) is a project generator listed on the TSXV: MRO
Pathway to 80% on one "best Block" of 9 blocks, by loan carrying vendor to first production.
Minor NSR royalties to historic prospectors range from 0% to maximum 1.5% on certain areas with buy downs.
**One off 6 month "grace period" can extend in any one due date by 6 months. i.e. Year 2 would become 31/7/2022.*
– see ASX:RML Announcement 9 February 2021 for more details.

Project	Interest	Details
Benmara	0%	Right to purchase 100% for AUD$250k cash or scrip until 14/12/21
Wollogorang	100%	IPO Asset 2017, 12.9m Resource (JORC 2012) Milestone Performance Shares Expire 6/9/22
Snettisham	100%	1m Milestone Shares on Resource (JORC 2012) definition or retain claims as on 17/12/21

DISCLAIMER, JORC INFORMATION & COMPETENT PERSONS STATEMENT

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JORC Information

This report includes results that have previously been released under JORC 2012 by the Company Additional details including JORC 2012 reporting tables, where applicable can be found in the following relevant announcements lodged with the ASX and the Company is not aware of any new data or information that materially affects the information included in the announcements listed; 24 November 2017 as "High Grade First Drill Results - Stanton Cobalt Deposit", 29 November 2017 as "Further High Grade Cobalt Results - Stanton Cobalt Deposit", 7 December 2017 as "Stanton Cobalt Resource Remains Open in Multiple Directions", 22 December 2017 as "Detailed Magnetic Survey over Stanton Cobalt Deposit", 5 February 2018 as "Final Drilling Results 2017 Drilling Program", 7 May 2018 as "Stanton Cobalt Resource Diamond Assay Results", 30 May 2018 as "Regional Cobalt Targets Identified on Wollogorang Project", 28 August 2018 as "Copper discovered at First Drill Target", 19 September 2018 as "Copper Discovery Grows at Gregjo Prospect", 28 September 2018 as "AGM Managing Director's Presentation", 9 October 2018 as "Copper Intersection Confirms New Model at Running Creek", 19 October 2018 as "Cobalt System Developing at Running Creek", 14 December 2018 as "Cobalt, Copper System Confirmed at Running Creek", 22 January 2019 as "Geophysics Highlight Potential at Gregjo", and 9 July 2021 as "VTEM Survey Identifies Multiple Conductors - Wollogorang Project" and on the 64North Project: "2019 AGM Managing Director's Presentation" on 26 November 2019, "Exploration Update - 64North Project Alaska" on 14 May 2020, "Drilling Update - 64North Project Alaska" on 24 June 2020, "Investor Presentation - Noosa Mining Virtual Conference" on 13 July 2020, "Drilling Commenced at Reflection Prospect - 64North" on 25 August 2020, "Assays and Operations Update 64North Project Alaska" on 10 September 2020, "Boundary Prospect Results at Pogo Trend - 64North Project" on 24 September 2020, "Drilling Results West Pogo Block - 64North Project, Alaska" on 29 September 2020, "Quarterly Report September 2020" on 30 October 2020, "Alaska Miners Association Technical Presentation" on 5 November 2020, "New Claims Added East Pogo – 64North Project, Alaska" on 14 December 2020, "Outcropping Gold System Identified - Assay Results 2020, 64North, Alaska" on 18 January 2021, "Positive revision of JV agreement for 64North project, Alaska" on 9 February 2021, "Sunrise Prospect assay results confirm Fort Knox Style mineralisation" 17 May 2021 and "Drilling Program Completed at East Pogo Gold Prospect" 5 July 2021.

Competent Persons Statement

The information in this report that relates to Exploration Results is based on information compiled by Mr Duncan Chessell who is a member of the Australasian Institute of Mining and Metallurgy and Australian Institute of Geoscientists. Mr Chessell is a Director and full-time employee of the company. Mr Chessell holds Shares, Options and Performance Rights in the Company as has been previously disclosed. Mr Chessell 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 'Australian Code for Reporting of Exploration Results, Mineral Resources and Ore Reserves'. Mr Duncan Chessell consents to the inclusion in the report of the matters based on his information in the form in which it is appears.

Project Ownership

64North Project **-** RML holds a 30% Interest and is earning to a 60% interest from Vendor Millrock Resources with a pathway to earn up to 80% on a "best block". See ASX:RML Announcement 9/2/21. Benmara Project RML has Option to purchase 100% interest, see RML Announcement 15 Dec 2020. Wollogorang 100% interest. Snettisham 100% interest.

Australian Projects Location Map – source of data Geoscience Australia (LAB 170km Depth Corridor - Hoggard et al 2020), Northern Territory Government of Australia (STRIKE Tenure and Geoscience Information, Queensland Government (Open Data Portal Queensland Mining and Exploration Tenure Series).

Tintinta Gold Province Map – source of data: Kensington (Coeur Mining, www.coeur.com), Pebble (Northern Dynasty, www.northerndynastyminerals.com) , Pogo (Northern Star Resources, www.nsrltd.com), Fort Knox (Kinross, www.kinross.com), Donlin Creek (NovaGold, www.novagold.com), Livengood (International Tower Hill Mines, www.ithmines.com), Eagle & Dublin Gulch (Victoria Gold Corp, www.vgcx.com), Brewery Creek (Golden Predator, www.goldenpredator.com), White Gold (White Gold Corp, whitegoldcorp.ca), Coffee (Newmont, www.newmont.com).

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