

14 July 2021 – Noosa Conference

Hunting for Big Deposits in Big Country Investor Presentation

Gold and Copper Exploration
Alaska and Australia

POGO TREND

EAST
POGO
BLOCK

TIBBS
DISCOVERY
9m @ 6.71grams

RESOLUTION MINERALS PROJECTS

ALASKA

PROJECT NAME: SNETTISHAM

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

*Global uncertainty and volatility
retain gold's attractiveness*

PROJECT NAME: 64NORTH

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

PROJECT NAME: WOLLOGORANG

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

*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.*

AUSTRALIA

PROJECT NAME: BENMARA

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

Assets all in Top 10 ranked mining jurisdictions

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 Wollongorang, 6/9/2022)	13.2m

ALASKA TINTINA GOLD PROVINCE – GIANT GOLD DEPOSITS!



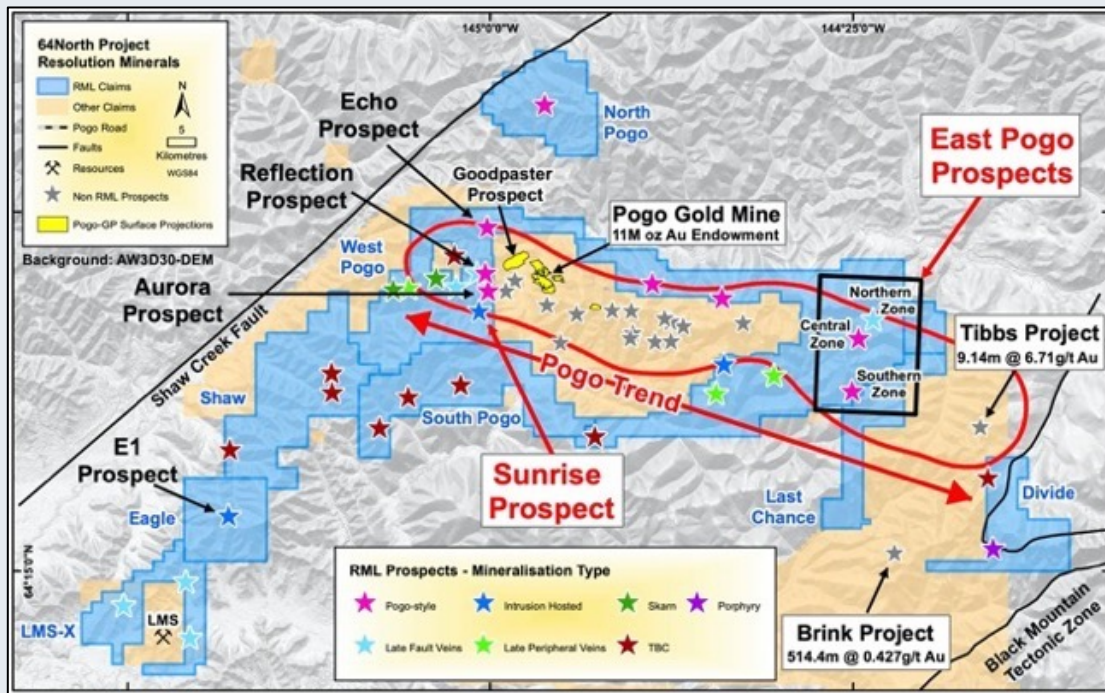
Deposit sizes stated as Endowment (Resources & Reserves + Historic Production), from Company websites, as listed on disclaimer slide

The 64North Project – Alaska

- Drill tested 2 potential GIANT size gold prospects in 2021: Sunrise and East Pogo
- 672km² surrounding the 11M oz Au Pogo Gold Mine owned by Northern Star (ASX:NST)
- 30% interest achieved with right to earn a:
 - 42% interest 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



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

Two styles of gold mineralisation targeted on the 64North Project

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

64NORTH PROJECT: RECENT DRILLING COMPLETED

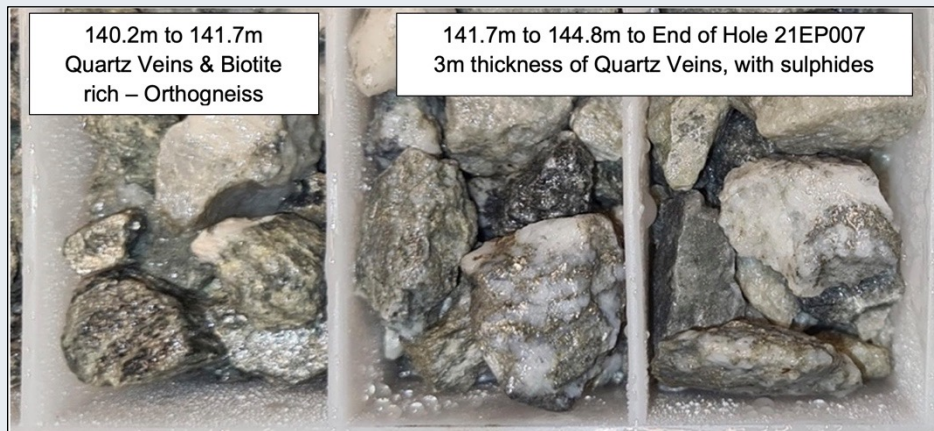
EAST POGO PROSPECT

64NORTH PROJECT, ALASKA



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

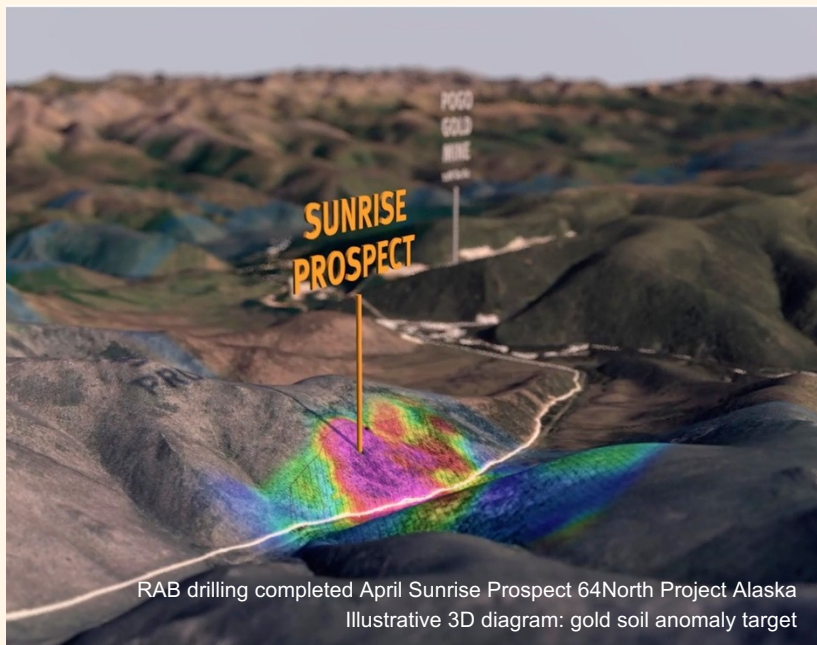


East Pogo drilling visual results

- **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	Quartz veins only
21EP002	205	210	62.5	64.0	1.5	
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	Visual results only
21EP011	600	605	182.9	184.4	1.5	
21EP012	315	330	96.0	100.6	4.6	

64NORTH: SUNRISE PROSPECT



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

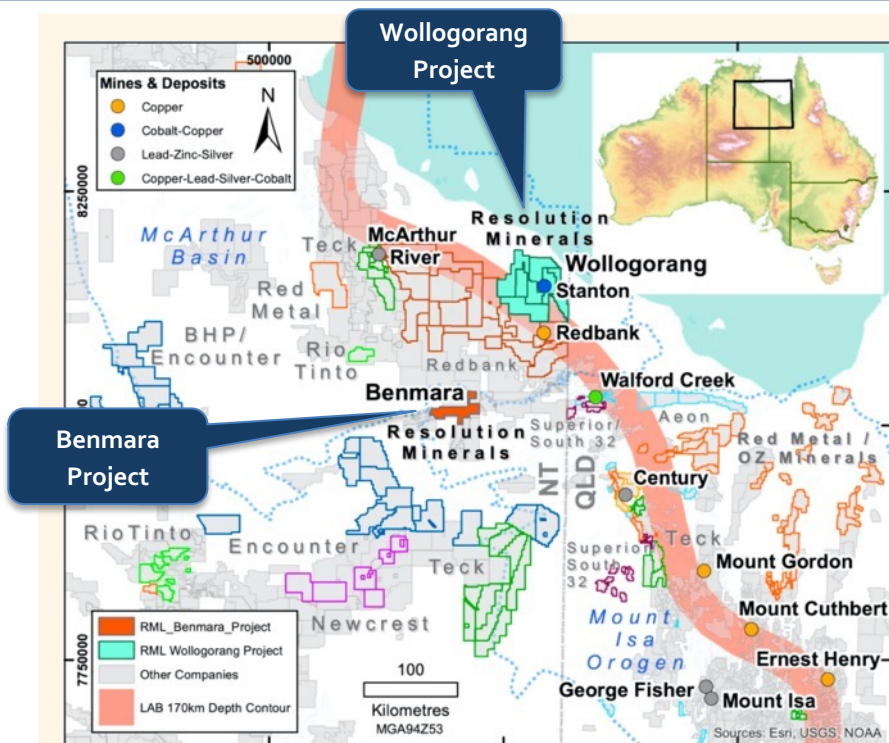
Drilling Results

- **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



Wollgorang Project (Cu, Co, U)

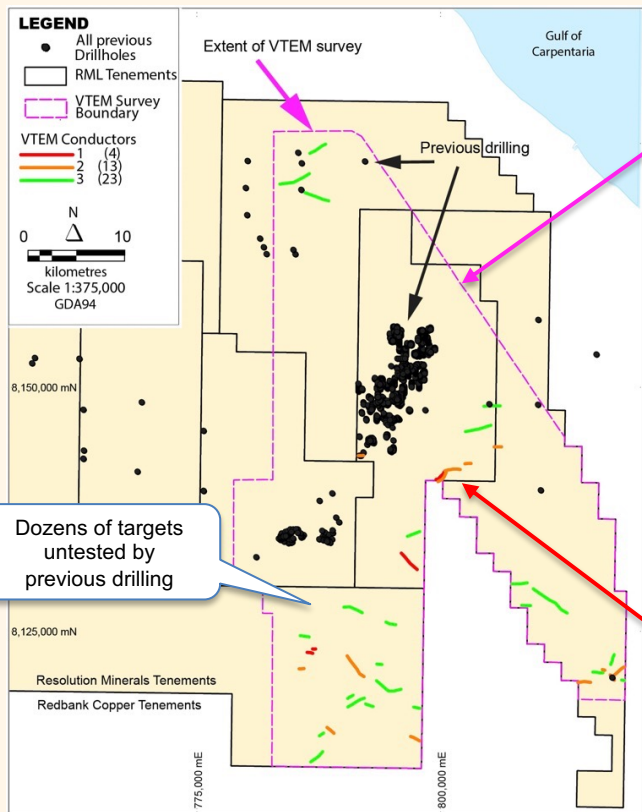
- 40 conductors identified in recent VTEM geophysical survey highlighting the sediment hosted copper potential of the project
- Drill targets at the Gregjo Copper Prospect to test chargeable IP geophysical anomaly underlying copper mineralisation intersected in shallow RAB drilling - up to 4% Cu
- Covering 3825km² 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)
- Wollgorang 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 acquire 100%)

- Complementary to Wollgorang covering 663km² 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

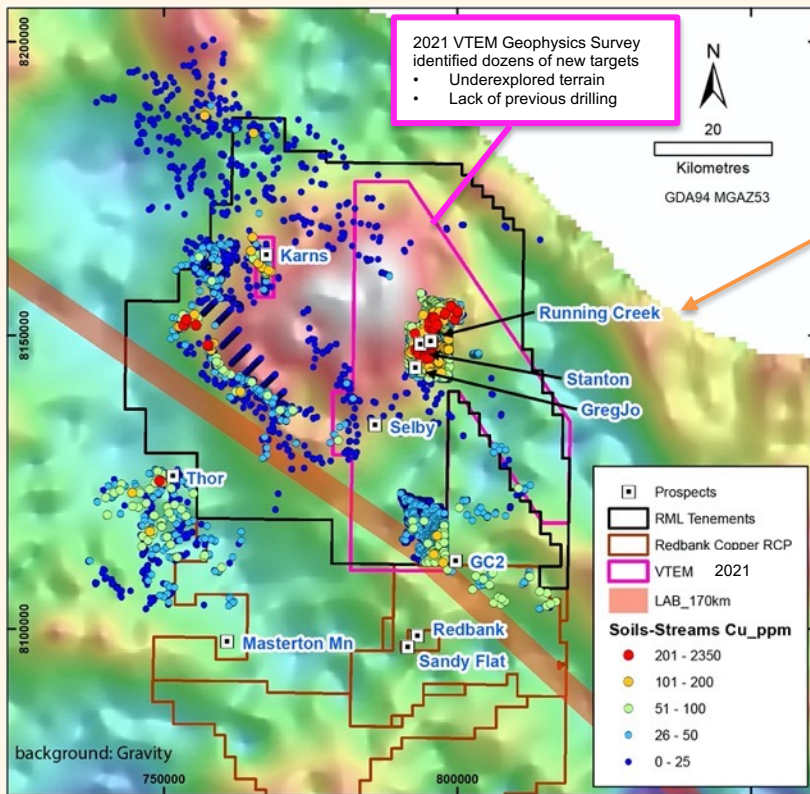


Sediment-hosted stratiform copper potential

- Pre-liminary results from a recent VTEM geophysics survey identified **40 conductors highlighting the copper potential** of the Wologorang 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.**

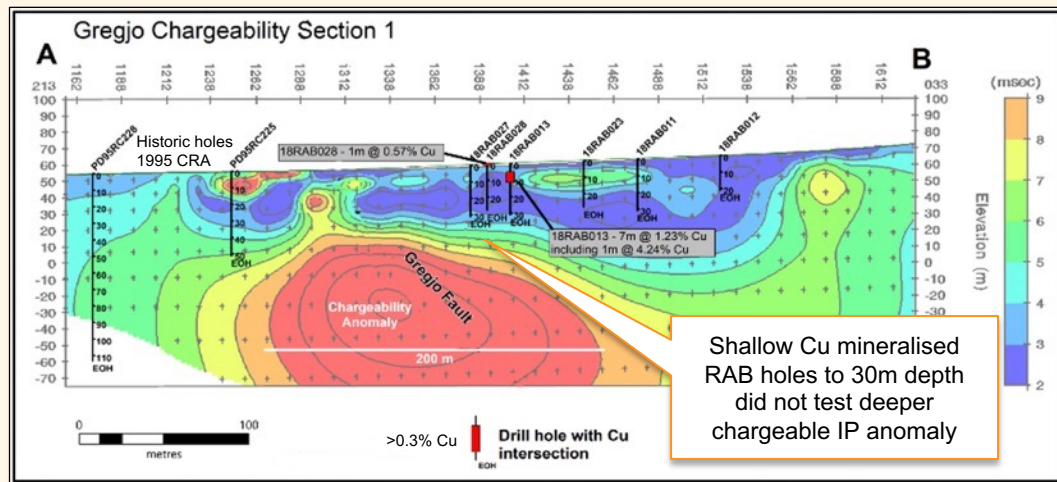


Stanton Cobalt Deposit*

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

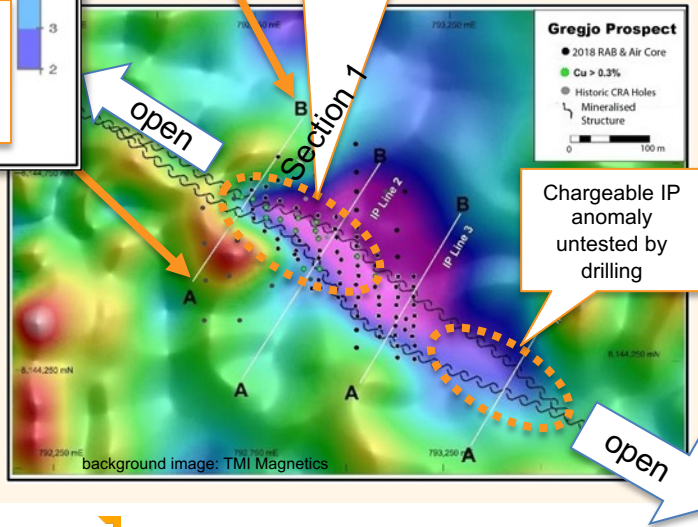
*See ASX announcement 9/4/2018 (ASX:N27) for Company JORC (2012) resource statement.

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)

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
64 NORTH, ALASKA (GOLD)							
Logistics for drilling	✓						
Drilling Sunrise Prospect (3000m RAB)	✓	DRILLING		Assay Results		Assay Pending	
Drilling East Pogo Prospects (2,000m RAB)	✓			DRILLING			FOLLOW UP DRILLING BASED ON RESULTS
WOLLOGORANG, NT (COPPER, COBALT)							
Target modelling and Logistics	✓	WET SEASON					
Drilling Gregjo Prospect (1000m RC)	●			Moved to August to include new targets generated by VTEM		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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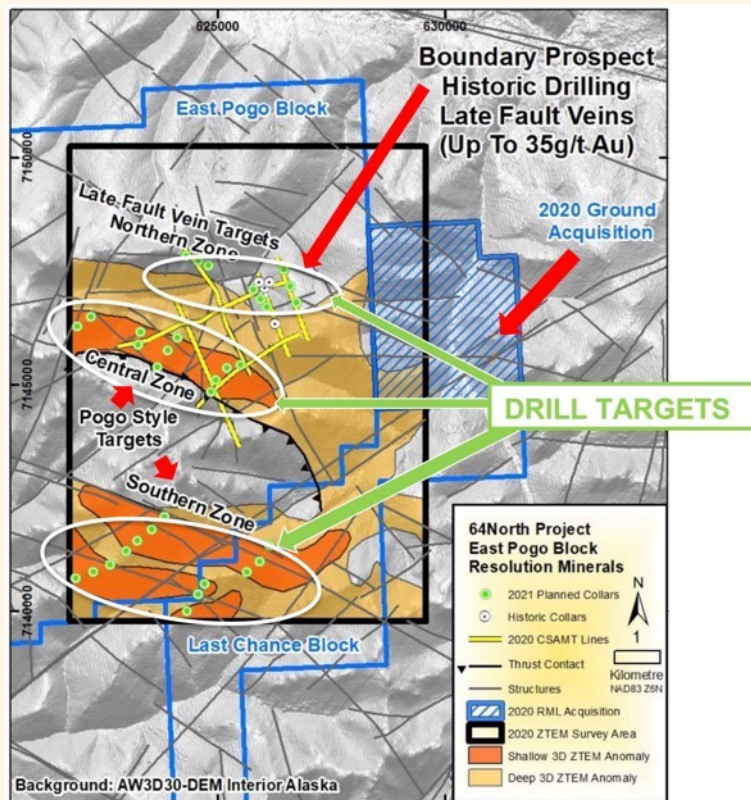


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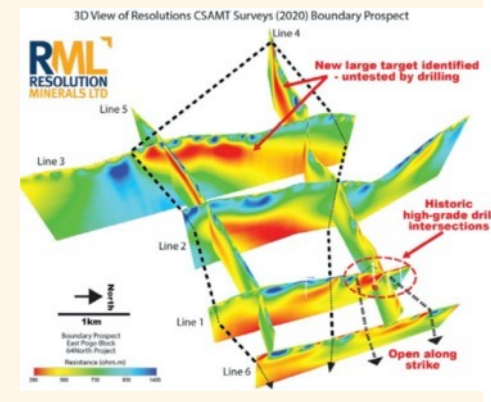
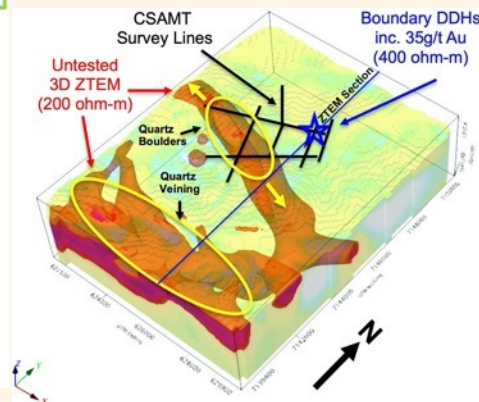
A close-up photograph of a person's hands sifting a brown, granular substance through a metal sieve. The granules are piled in the sieve and on a spoon in the foreground. The background is blurred, showing a white container. A dark blue rectangular overlay with a yellow corner is positioned on the right side of the image, containing the text 'APPENDIX TECHNICAL / DETAILS' in white, bold, sans-serif font.

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

This presentation has been prepared by Resolution Minerals Ltd (Resolution). This document contains background information about Resolution current at the date of this presentation. The presentation is in summary form and does not purport to be all inclusive or complete. Recipients should conduct their own investigations and perform their own analysis in order to satisfy themselves as to the accuracy and completeness of the information, statements and opinions contained in this presentation. This presentation is for information purposes only. Neither this presentation nor the information contained in it constitutes an offer, invitation, solicitation or recommendation in relation to the purchase or sales of shares or other securities in any jurisdiction. This presentation is not a prospectus, product disclosure statement or other offering document under Australian law (and will not be lodged with the Australian Securities and Investments Commission (ASIC)) or any other law. This presentation does not constitute investment or financial product advice (nor tax, accounting or legal advice) and has been prepared without taking into account the recipient's investment objectives, financial circumstances or particular needs and the opinions and recommendations in this presentation are not intended to represent recommendations of particular investments to particular persons. Recipients should seek professional advice when deciding if an investment is appropriate. All securities involve risks which include (among others) the risk of adverse or unanticipated market, financial or political developments. To the fullest extent permitted by law, Resolution, its officers, employees, agents and advisors do not make any representation or warranty, express or implied, as to the currency, accuracy, reliability or completeness of any information, statements, opinions, estimates, forecasts or other representations contained in this presentation. No responsibility for any errors or omissions from this presentation arising out of negligence or otherwise are accepted. This presentation may include forward-looking statements. Forward-looking statements are only predictions and are subject to risks, uncertainties and assumptions which are outside the control of Resolution. Actual values, results or events may be materially different to those expressed or implied in this presentation. Given these uncertainties, recipients are cautioned not to place reliance on forward looking statements. Any forward-looking statements in this presentation speak only at the date of issue of this presentation. Subject to any continuing obligations under applicable law, Resolution does not undertake any obligation to update or revise any information or any of the forward-looking statements in this presentation or any changes in events, conditions, or circumstances on which any such forward looking statement is based.

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 Wollongorang 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 - Wollongorang 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 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. Wollongorang 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.nsrld.com), Fort Knox (Kinross, www.kinross.com), Donlin Creek (NovaGold, www.novagold.com), Livengood (International Tower Hill Mines, www.ihmines.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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