INVESTOR PRESENTATION

13 July 2020

RML RESOLUTION MINERALS LTD

ASX: RML

CORPORATE SNAPSHOT

Len Dean ***Chairman***

Non-Executive; Metallurgist, experienced ASX Chairman, BHP Marketing Director Iron Ore and Group General Manager Minerals Marketing. MD of India's largest listed Iron Ore Company. Over 45 years industry experience.

Duncan Chessell ***Managing Director***

Geologist, 20+ years experience in business and oil, gas and mineral exploration (gold, battery and base metals) and project generation in Australia and Papua New Guinea. Expert in remote & cold weather logistics. Currently also Non-Executive Director Outdoor Education Group.

Andrew Shearer ***Director***

Non-Executive; Resource Analyst with PAC Partners (Lead Manager on IPO), Corporate Advisor, Geophysicist with a technical and corporate background. Currently also a Non-Executive Director of Andromeda Metals (ASX:ADN).

Capital Structure 30 June 2020	
Ordinary Shares	**206.4m**
Market Capitalisation (A$m) – 8.6 cents (30/6/2020)	**$17.8**
Cash (A$m) (31 March 2020)	**$3.8**
Enterprise Value (A$m)	**$14**
Options ($0.10/sh, 30/6/22)	6.1m
Options ($0.25/sh, 6/9/21)	5.8m
Options ($0.25/sh, 21/3/21)	6.5m
Options ($0.06/$0.08/$0.10/sh, 30/11/22)	13.4m
Unlisted rights (m)	7.5m
Performance Shares - Class A (m) (milestones on Wollogorang project)	9.6m
Performance Shares - Class B (m) (milestones on Wollogorang project)	3.6m

Technical Team Resolution Minerals Ltd

Dr Justin Gum - Contract Principal Geologist
- Credited with the discovery of the world class Callie gold deposit (NT).
- Worked throughout Australia in gold and base metals systems, 30-years experience

Christine Lawley - Exploration Manager
- 15 years' experience in gold, base metals and mineral sands exploration throughout Australia.

Kelvin Blundell - Consulting Geophysicist
- Sandfire's consulting geophysicist for the significant DeGrussa Cu-Au massive-sulphide discovery.
- 20 years experience in Australia, Canada and Africa.

Projects

64North Project; Gold; Fairbanks Alaska (earning up to a 80% interest over 4 years)
The 64North Project is adjacent to Northern Star's (NST) high grade world class operating Pogo Gold Mine with a 10M oz Au endowment. A brown fields project only 450m from recent discovery success by Northern Star. Drilling underway with a strong pipeline of regional targets.

Wollogorang Project; Copper- Cobalt & Uranium; NT, Australia
Stanton Cobalt Deposit - inferred & indicated JORC 2012 resource containing 1200 tonnes of cobalt. Drill ready base metal targets, with uranium prospectivity.

Snettisham Project: Gold and Ti-V-Magnetite potential, Juneau, Alaska
Three (3) historic gold mines on the property in the same geological setting and style as the 1.5M oz Kensington Gold Mine operating today near in the Juneau Gold Belt. Also a conceptual large target of vanadium bearing titaniferous magnetite, which is drill ready.

64NORTH TECHNICAL TEAM – 120M Oz Au OF DISCOVERY SUCCESS

Experienced Team with a Track Record of Success

Gabe Graf *Senior Geologist – Millrock Resources*

Previously Senior Exploration Geologist and Exploration Superintendent at the Pogo Mine for Sumitomo Metal Mining and then Northern Star. (ASX: NST). His interpretation of CSAMT geophysics, coupled with surface geochemistry and structural geology across the district resulted in the discovery of the Central Lode and Goodpaster deposits. Prior he worked for Newmont, where he was part of a team that delineated a 10M oz Ag discovery.

Chris Brown *Consulting Structural Geologist*

International expert on structural geology interpretation. Importantly he has 20t years experience in Alaska focusing on the Tintina Gold Province plus international exposure. During his time in Alaska he was involved in the Tetlin discovery and Chisna Cu-Au-Mo prospects. He is founder of Oriented Targeting Solutions and is instrumental in adding value from core drilling on the 64North Project through oriented structural data QAQC, analysis, modeling and interpretation.

Phil St.George *Chief Exploration Geologist – Millrock Resources*

Phil is credited with the original discovery of the Pebble Cu-Au-Mo Deposit, which is now known to contain in excess of 100m oz of gold. Phil also added 12m oz of gold to the Donlin gold deposit in southwestern Alaska in his role as VP Exploration for NovaGold. He brings an encyclopedic knowledge of Alaskan geology and discovery success to the team.

Kyle Negri *Senior Project Geologist – Millrock Resources*

Over 12 years experience managing exploration projects all over Alaska. With experience in all aspects of mineral exploration, from initial boots-on-the-ground reconnaissance to executing logistically complex drilling campaigns.

Greg Beischer *CEO, President – Millrock Resources*

Greg is a seasoned explorer with a solid track record of success, previously with Inco Ltd., and the Bristol Bay Native Corporation. He is a geologist and mining engineering technologist. Greg is the past President of the Alaska Miners Association and serves on the Alaska Minerals Commission.

Christine Lawley *Exploration Manager – Resolution Minerals*

Christine has 15 years' mineral exploration experience across a wide range of commodities; gold, base and precious metals and mineral sands with Newmont, Musgrave Minerals and Iluka. Before joining RML in 2019 Christine was consulting for 5 years in Australia to multiple ASX listed companies on greenfield projects. As Exploration Manager for RML Christine leads the technical team and manages the 64North Project in a full-time capacity.

Dr Justin Gum *Principal Geologist – Resolution Minerals*

30-years of exploration success in Australian gold and base metals systems, including credited with discovering >10M oz gold, including the world class Callie gold deposit (NT) with North Flinders Mines. Justin provides valuable consulting and guidance to RML.

Kelvin Blundell *Geophysicist – Resolution Minerals*

Kelvin was Sandfire's (ASX:SFR) consulting geophysicist for the significant DeGrussa Cu-Au massive-sulphide discovery and currently consults to a number of ASX listed exploration companies including gold explorer Musgrave Minerals. He has 20 years experience in Australia, Canada and Africa in precious and base metals and supports RML in a consulting role.

Duncan Chessell *Managing Director – Resolution Minerals*

Duncan has worked in base & precious metals, mineral sands, cobalt, petroleum exploration, and lithium exploration & scoping studies in Australia and PNG. He was co-founder of project generator Coolabah Group and founding Director of RML. He made several greenfield gold discoveries in the Gawler Craton, South Australia where he was Managing Director of Endeavour Discoveries Ltd for 6 years. Duncan also has strong logistics expertise in cold environments from operating a 7-summits adventure tourism business in Antarctica, Himalayas and Alaska for a decade.

Chris Van Treeck *Senior Exploration Geologist – Millrock Resources*

Logistics expert and Fairbanks resident with valuable local experience in; mapping, field verification and structural interpretation of the project and prospects. Before joining Millrock in 2018 Chris worked with Avalon Development for 17 years providing logistics and technical support to the mineral exploration industry throughout Alaska.

ALASKA TINTINA GOLD PROVINCE – GIANT GOLD DEPOSITS!

- RML's 64North Project surrounds the high grade 10 Moz Au Pogo Gold Mine
- Alaska ranked #4 by the Fraser Institute
- Underexplored
- Potential to discover multiple giant size gold deposits in the 64North Project

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

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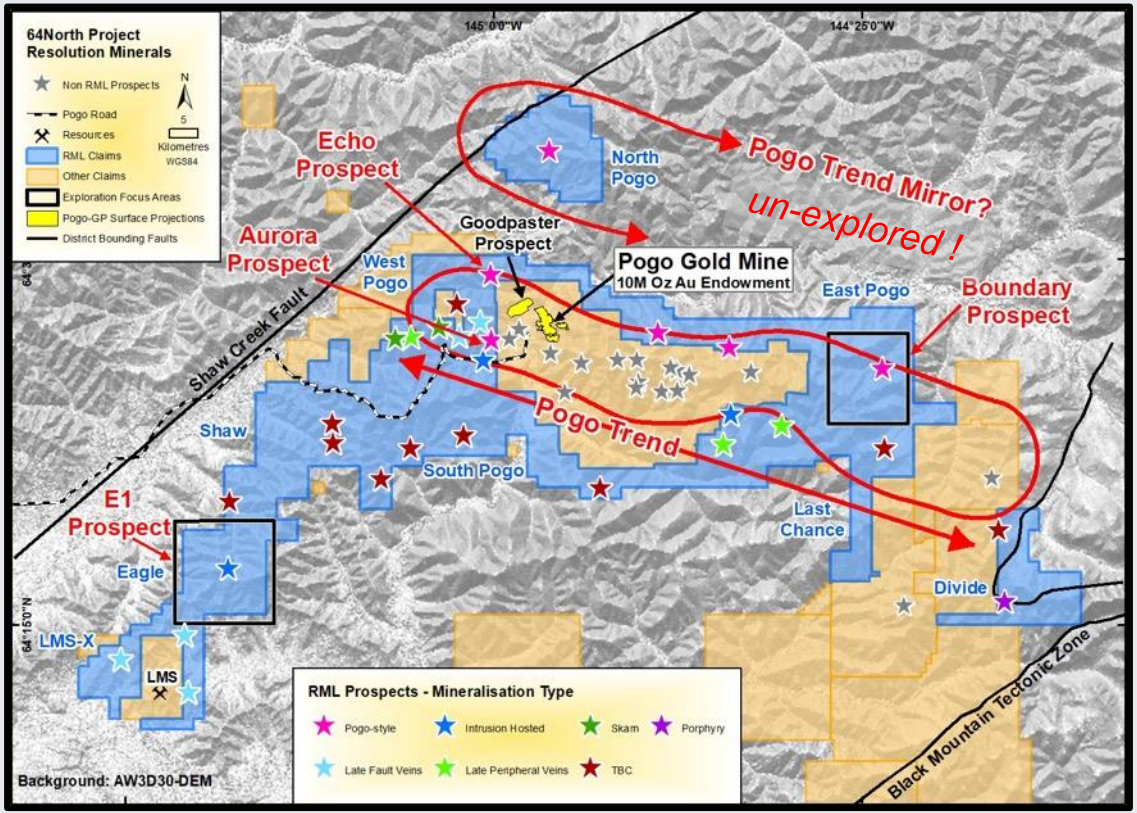
64NORTH PROJECT – TENEMENTS, BLOCKS, PROSPECTS



Tenements / Claims

- **Dominant land holding surrounding Pogo Gold Mine**
- **30 Prospects**
- **4 High Priority Prospects - Aurora, Echo, E1, Boundary**
- **The "Right Rocks"** Granitic intrusions, are the main mineralising engine room present throughout Tintina Gold Province and RML's 64North Project

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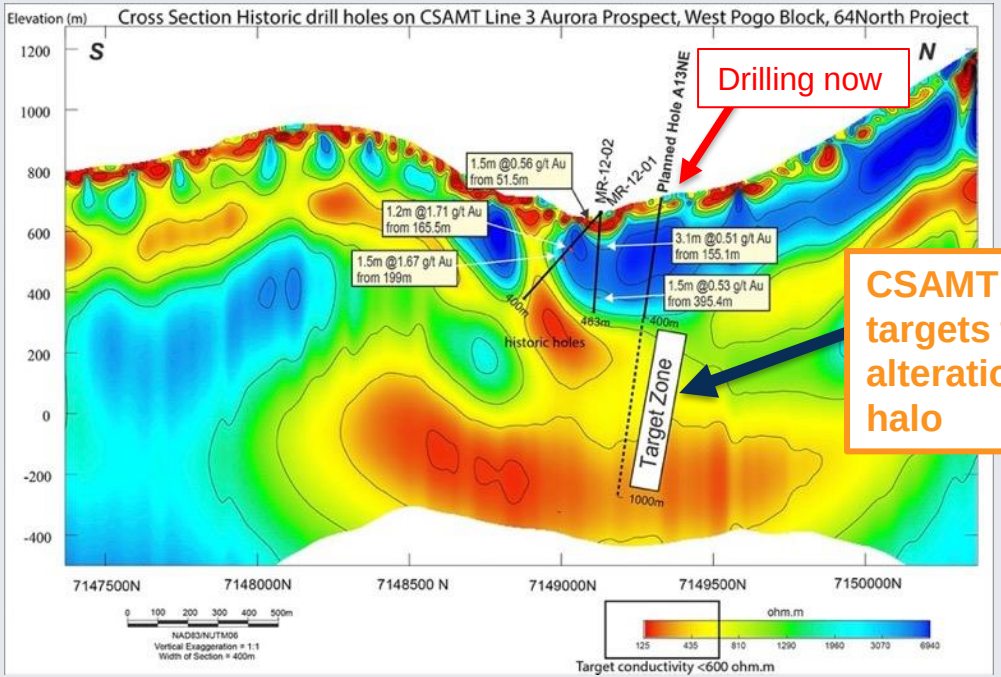
EXECUTIVE SUMMARY CURRENT OPERATIONS

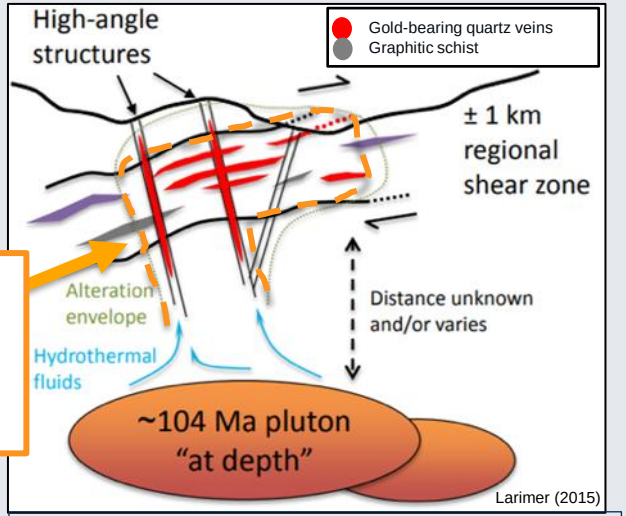
- **Potential to discover multiple giant size gold deposits**
- **Identified 4 high priority prospects: Aurora, Echo, E1 and Boundary for near term drilling evaluation**
- **Continuing drilling on highly prospective Aurora Prospect for Pogo-style gold mineralisation**
- **Currently flying geophysics surveys to define new drill targets and refine existing drill targets**
- **Road building, and further exploration activities to prepare drill ready sites for year-round activity**
- **Developing a pipeline of drilling targets from 30 identified prospects from extensive historic data review**

AURORA PROSPECT: Hole #4 - Current Drilling July 2020

Previous drilling has not tested the prospective conductive target zone *at 400m to 1000m depth*



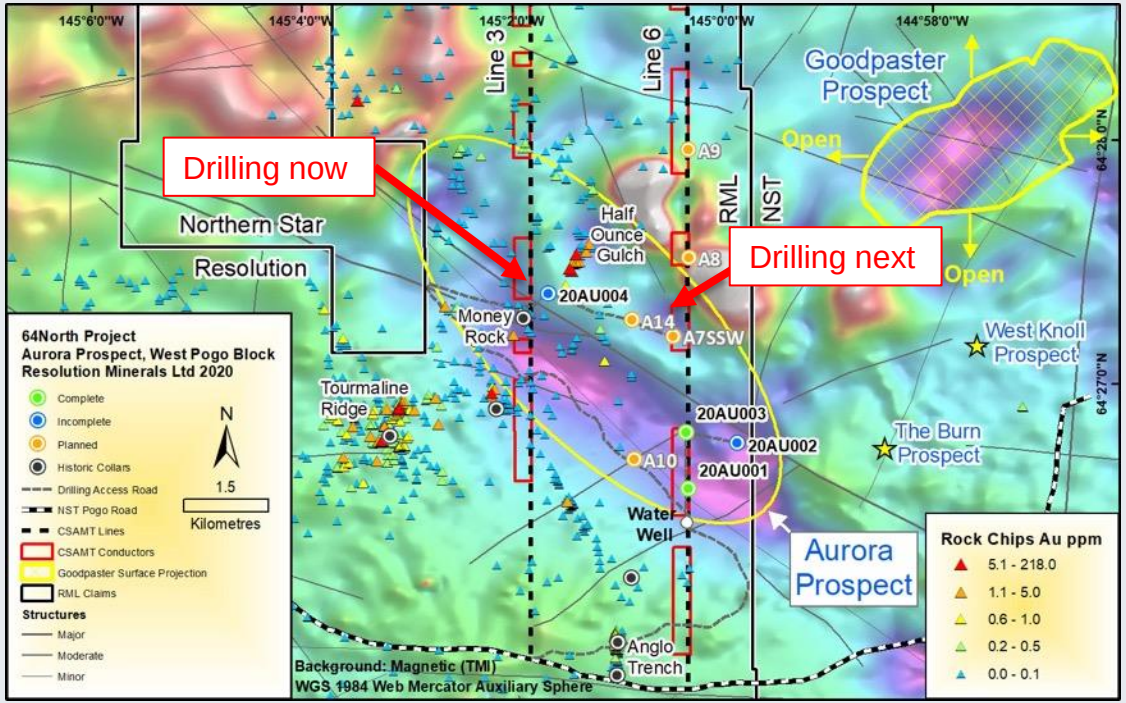
POGO STYLE – POGO GOLD MINE MINERALISATION MODEL



- Free milling Au and low sulphide quartz veins
- ~3% pyrite, arsenopyrite, pyrrhotite
- Typical elements As-Bi-Te-S
- Alteration halo conductivity <600 ohm.m

CSAMT surveys target potential mineralisation by identifying the alteration of host rocks

AURORA PROSPECT: Currently Drilling Pogo-Style Targets



West Pogo Block, Aurora Prospect drill targets for year 1, green (completed), blue (incomplete) and orange (planned) dots.

Current Drill Program

- **2,300m+ HQ Diamond Core**
- **Confirmed Pogo-style mineral system from March 20 drilling**
- **Geology, same rocks as Pogo**
- **Anomalous surface geochemistry – soils, streams and rock chips**
- **Geophysics**
  - **– strong de-magnetised zones**
  - **– CSAMT conductors**

Results

- Logging hole #3 completed, assays pending
- Logging hole #4 (A13) underway
- A14 & A7 drill pads prepared

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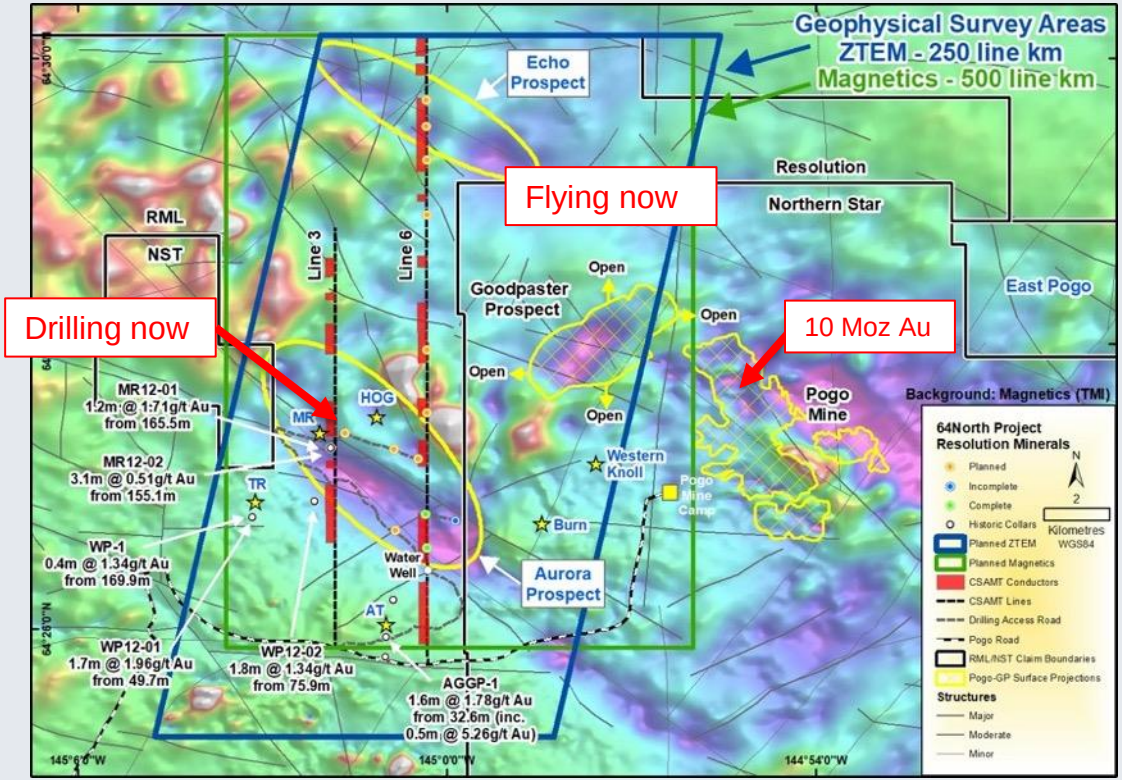
AURORA & ECHO PROSPECTS: Pogo-Style Drill Targets



West Pogo Block, intended drill targets for year 1, green (completed), blue (incomplete) and orange (planned) dots.

The Right Ingredients

- **Next to the Pogo Gold Mine**
- **Geology - Pogo rocks**
- **Geophysics**
  - **– strong "de-mag" zones**
  - **– CSAMT conductors**

July 2020 ZTEM Survey

- Refine drill targets Echo Prospect
- Refine Aurora Prospect targeting
- Collect data over neighbouring Goodpaster Prospect (ASX:NST)
- Echo Prospect to be drill ready for August-September 2020

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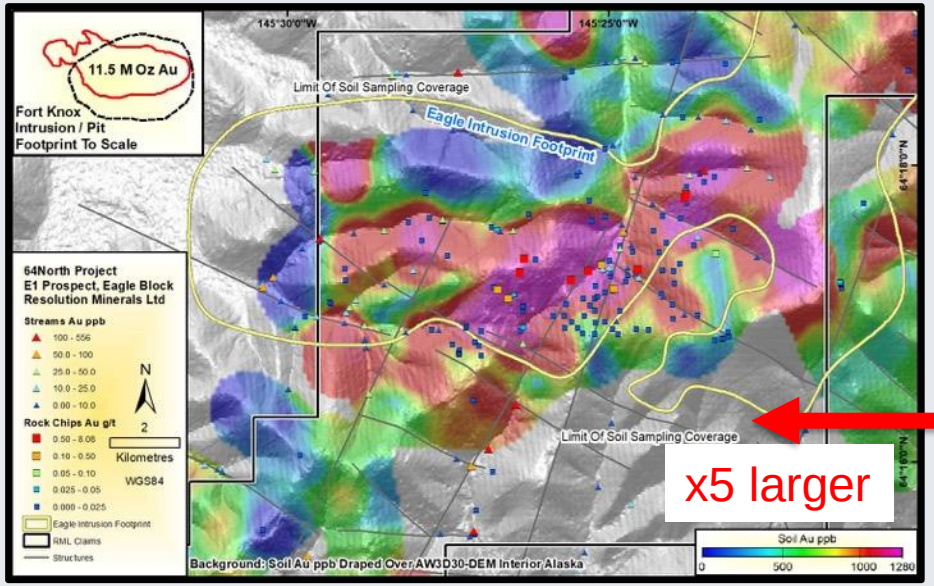
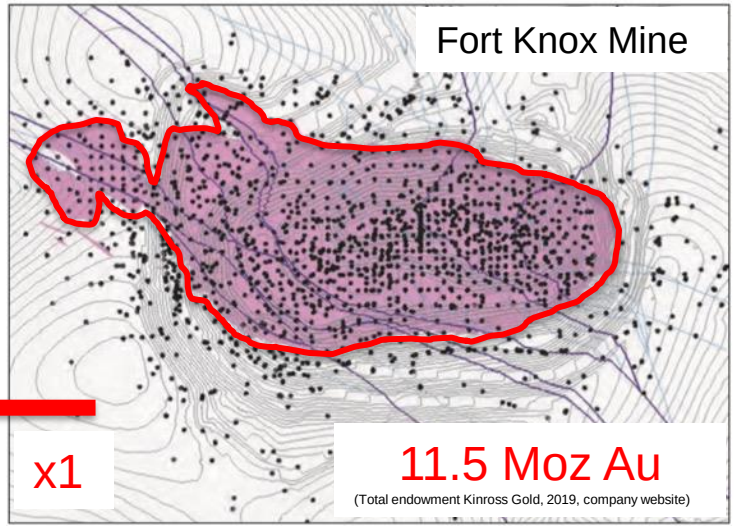
E1 PROSPECT (Eagle Block) vs FORT KNOX MINE (Fairbanks)





The E1 Prospect mineralisation style is analogous to the Fort Knox Gold Deposit – an intrusion hosted IRGS

- **Limited historic drilling, 14 holes for 3,054m**
- **Poorly tested by modern geophysics and drilling**

- **Current production 200,500 ozpa Au**
- **Production Cost US$1,067/oz in 2019**
- **Peak production 411,000 ozpa Au**
- **One of Alaska's most profitable mines**
- **1,843 drill holes for 451,457m drilling**

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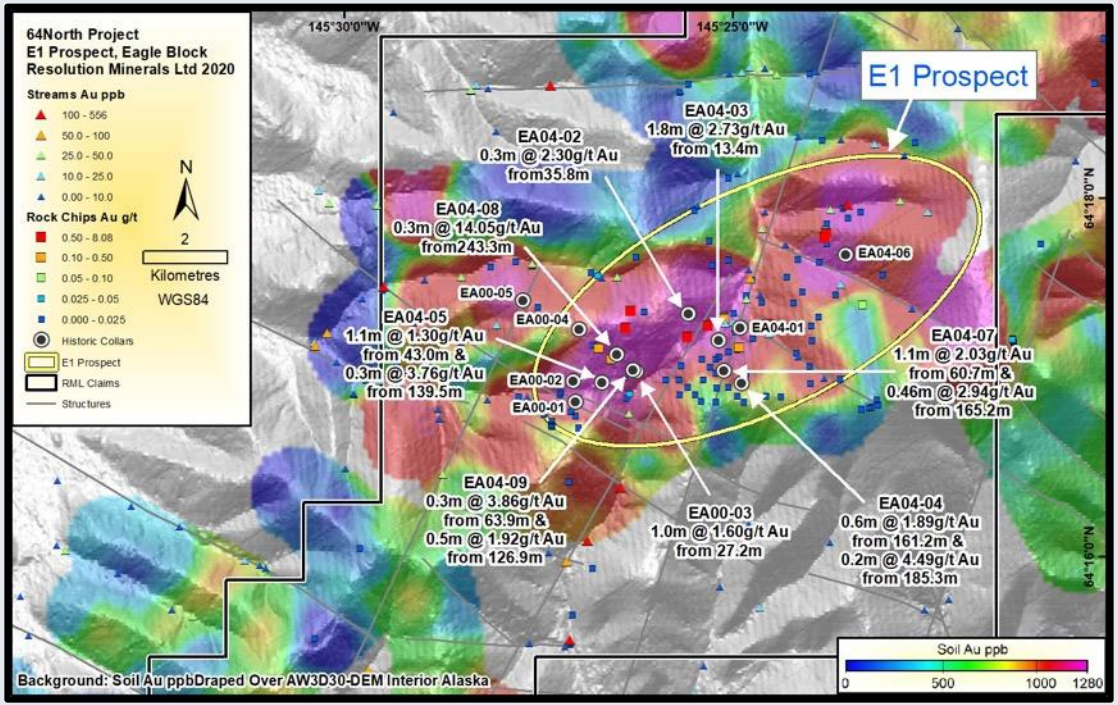
E1 PROSPECT: Intrusion Hosted IRGS, Analogous To Fort Knox



E1 Prospect, Eagle Block. Historic drill holes and selected significant intersections. Drilling completed prior to airborne magnetics survey!

Elevated Au geochemistry

- **40km² footprint**
- **Rock chips to 8g/t Au**
- **Soils to 1280ppb Au**
- **Stream Sediments 556ppb Au**
- **Historic drill intersections max 14g/t Au** (EA04-08)

2020 Field Program

- Airborne magnetics survey
- Channel sampling
- Road construction to prepare for winter drilling

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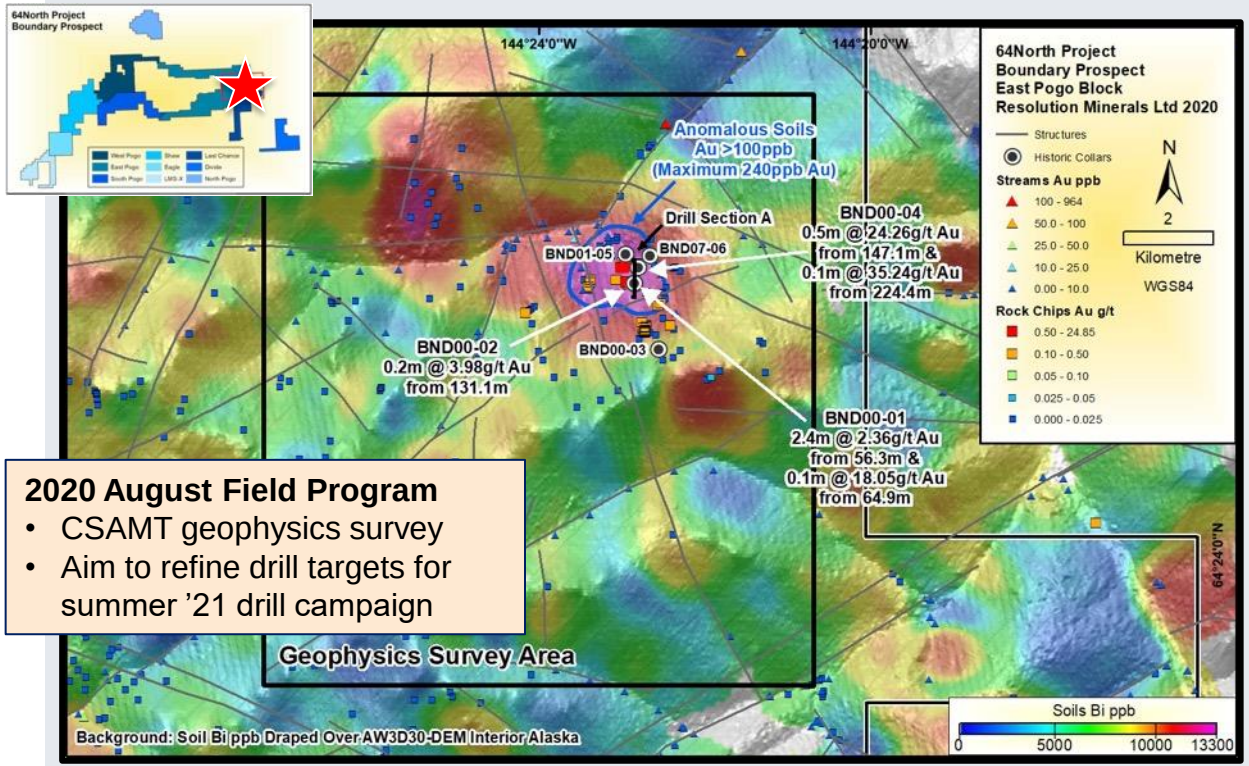
BOUNDARY PROSPECT: Pogo-Style Target



2020 August Field Program
- CSAMT geophysics survey
- Aim to refine drill targets for summer '21 drill campaign

Targeting Pogo-style mineralisation at depth

Limited historic drilling confirms
- Pogo host rock
- High grade gold (35g/t)
- 6 holes, only 1690m

Anomalous surface geochemistry Bi and Au

Historic drilling pre-dated adequate geophysics & geochemical surveys

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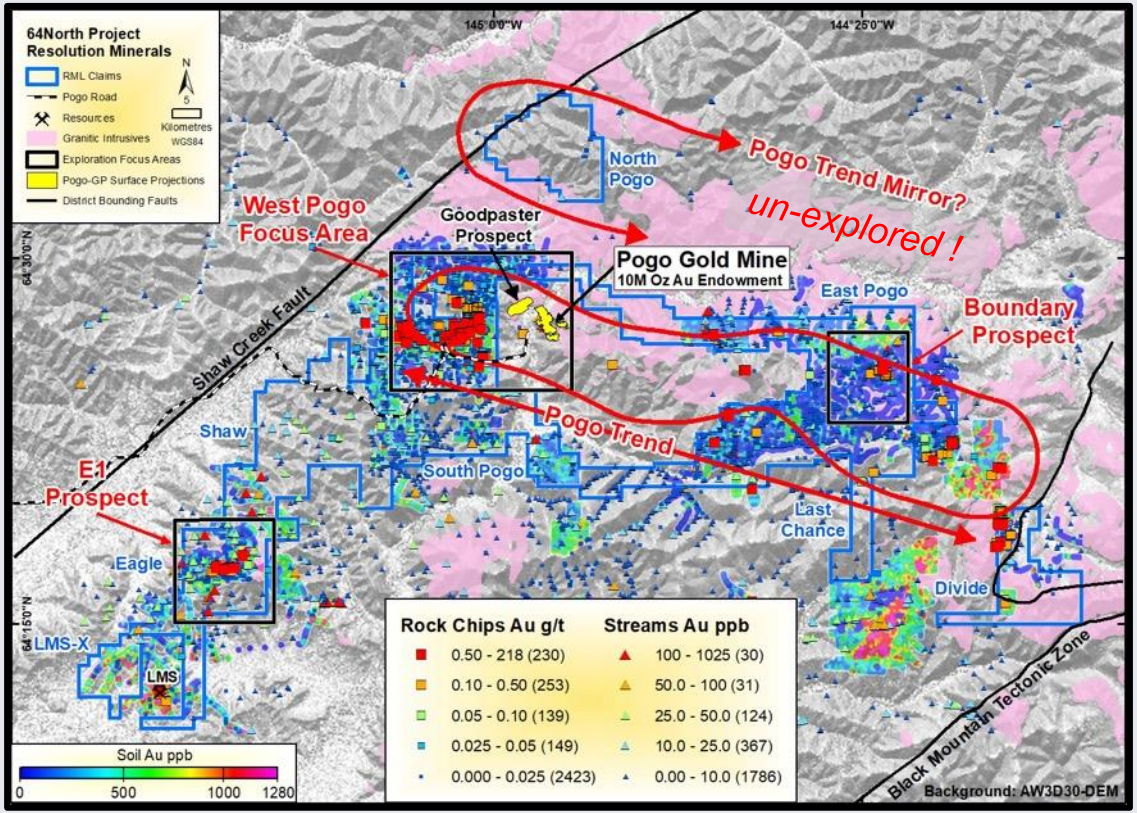
64NORTH PROSPECTIVITY

64NORTH – CAMP SCALE POTENTIAL - 30 PROSPECTS



Historic Exploration Database 1998-2012

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

Right Geology

- **30 IRGS Prospects**
- **4 High Priority Prospects - Aurora, Echo, E1, Boundary**
- Granitic Intrusions, age 80-102 Ma, main mineralising engine room present throughout Tintina Gold Province (pink on map)
- **Potential to discover multiple large gold deposits at the 64North Project**

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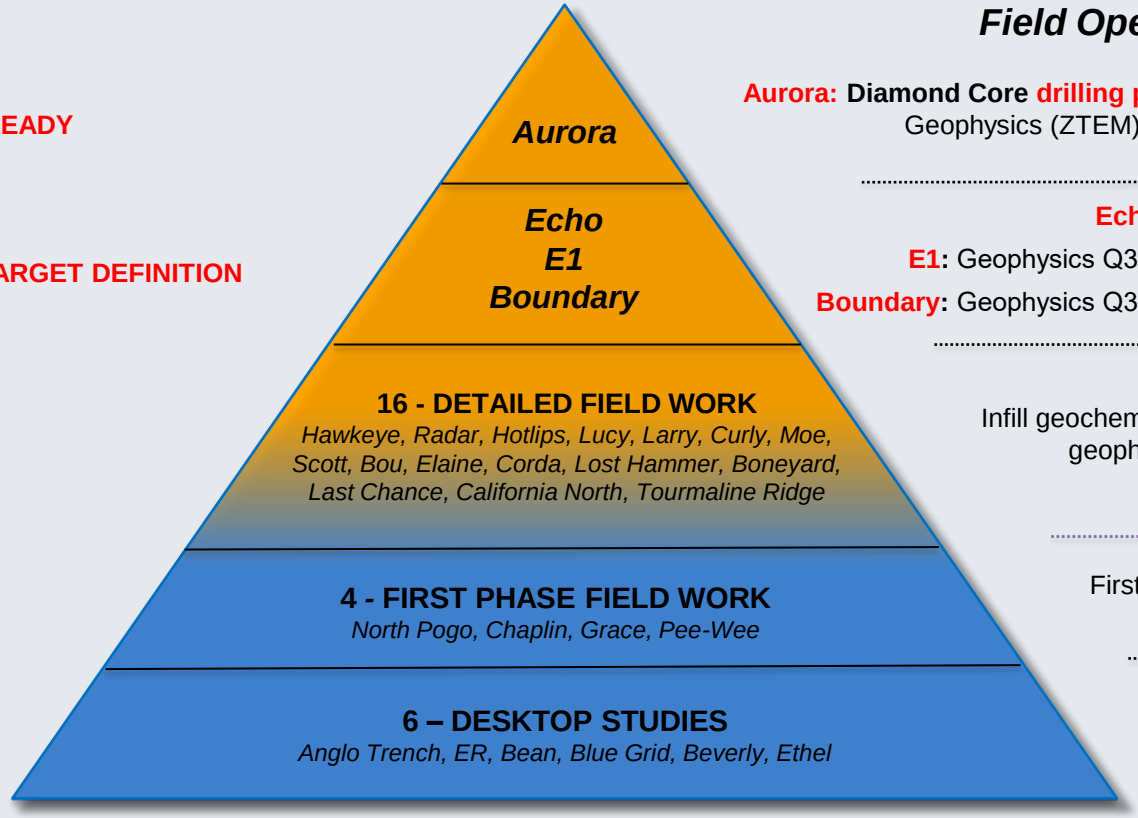
PROSPECT RANKING PYRAMID



Field Operations 2020

Aurora: Diamond Core drilling program underway
Geophysics (ZTEM) currently underway

Echo: drill ready Aug'20

E1: Geophysics Q3'20, drill ready Q4'20

Boundary: Geophysics Q3'20, drill ready Q2'21

Infill geochemistry, mapping and geophysics July-Sept '20

First pass validation field work July-Sept '20

Desktop Review

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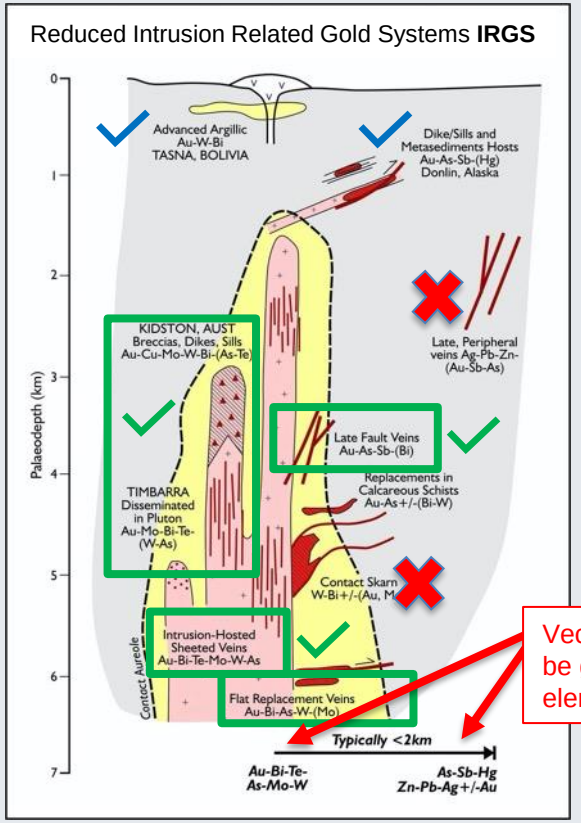
MINERALISATION STYLES – WHAT ARE WE TARGETING



Vectoring to higher grade zones can be guided by analysing multi-elements and minerals present.

Extensive 6 month historic data review has characterised 30 prospects, using three filters and the Pogo Gold Mine as an ideal prospect!

1. Mineralisation style

- **Most Favourable:** Pogo-style (1st) and IRGS-styles: Flat replacement veins, Intrusion hosted sheeted veins, Late fault veins, Breccias (Kidston-style)
- Moderately Favourable: Dikes/sills & metasediment hosts and Advanced argillic
- Less Favourable (variable metallurgy): Late peripheral veins, Skarns

2. Individual Target Ranking Score (weighted scores)

- Geology, Geochemistry, Geophysics, Drilling, Social license, Access and Logistics
- Compared to Pogo Gold Mine for reference scale

3. Economic Size Potential

Historic Exploration Database 1998-2012

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

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SUMMARY INVESTMENT HIGHLIGHTS

Potential to discover multiple giant size gold deposits in Alaska's Tintina Gold Province

- **4 high priority prospects: Aurora, Echo, E1 and Boundary for near term drilling evaluation**
- **Continuing drilling at the Aurora Prospect for Pogo-style gold mineralisation**
- **Pipeline of drilling targets from 30 prospects**
- **Active field program, news flow ongoing**

SUMMARY OF OTHER PROJECTS

THE WOLLOGORANG COPPER-COBALT PROJECT (AUSTRALIA)

Multiple drill ready targets for base metals and uranium

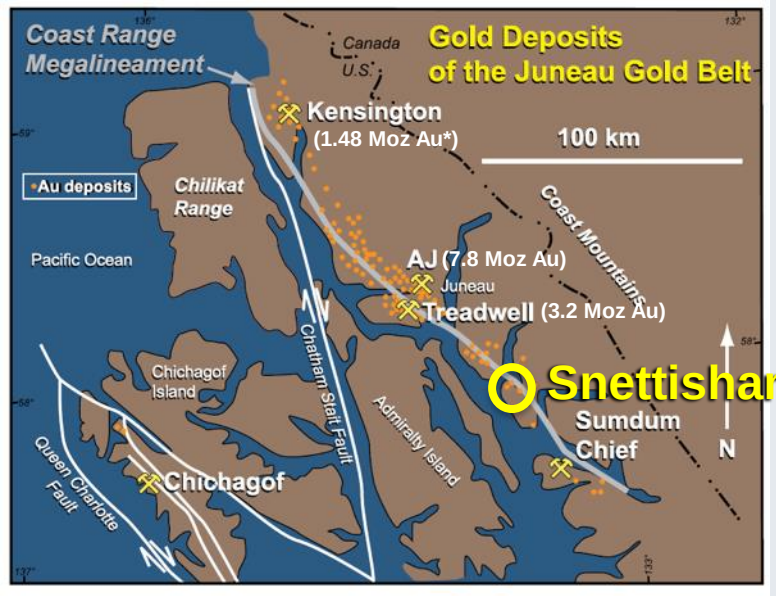
- The **Plume** Prospect is a large scale base metal and uranium drill target identified by geophysics and soil sampling
- Significant IP anomalies defined under both **Running Creek** and **Gregjo** Prospects potential for Cu-Co with copper and cobalt mineralisation in shallow drilling above the IP anomalies
- Drilling approvals for Running Creek Cu Targets
- Existing Stanton Cobalt Deposit defined 2017
- 100% owned by RML

Status: Seeking funding partner

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

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

SNETTISHAM PROJECT– JUNEAU GOLD BELT, SOUTHERN ALASKA



*Kensington/Jualin Mine ~1.48M oz Au resource & reserves is currently being mined by Coeur Mining Inc; producing 127k ounces of gold in 2019 @6.8g/t Au (source Coeur Mining Company Website 30June2020)

Snettisham Project – Juneau Gold Belt (JGB)

RML's Project situated in the JGB in the same hosts rocks as producing Kensington and historic AJ (7.8 Moz Au) and Treadwell Mines (3.2 Moz Au). **JGB endowment >12 Moz Au.**

- **Three (3) historic gold mines** Friday Mine, Crystal Mine and Minnehaha/Finale are present on the RML claims with a total production (1895 to 1910) of approximately 3,590 oz from 9,144 tons ore. (Redman et al 1991, pp365)
- 20 samples were collected within the Friday Mine by US Bureau Mines in 1985 from vein material collected, (**average grade of 5.6 g/t Au with the best sample cited as 39 g/t Au** (US Bureau of Mines, Redman et al 1986)
- **High priority geochemical sampling activities identified**
- **Gold prospectivity** overlooked due to concurrent vanadium-magnetite potential (adjacent to the gold prospective rock units)
- **Initial drill targets identified**
- **100% owned by RML**

Status: further review, seeking funding partner

The historic exploration results have not been reported in accordance with the JORC Code 2012. A Competent Person has not done sufficient work to disclose the Exploration Results in accordance with the JORC Code 2012.It is possible that, following further evaluation and/or exploration work, that the confidence in the prior reported Exploration Results may be reduced when reported under the JORC Code 2012. Nothing has come to the attention of the Company that causes us to question the accuracy or reliability of the former owner's Exploration Results. The Company has not independently validated the Exploration Results and therefore is not to be regarded as reporting, adopting or endorsing those results.

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

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 affects the information included in the announcements listed below.

As Northern Cobalt Ltd ASX:N27 (former Company Name) on 9/4/18 "Stanton Resource Upgrade Increases Contained Cobalt", 19/12/18 "Southern Alaskan Vanadium Project Acquired", 17/10/19 "Binding Agreement earning 80% of Gold Project in Alaska", 24/10/19 "Gold Symposium Conference Presentation", 5/11/19 "Goodpaster Winter Drilling Preparations Underway", 22/11/19 "Drilling Preparations Underway in Alaska" and 26/11/19 "2019 AGM Managing Director's Presentation". As Resolution Minerals Ltd ASX:RML on 31/3/20 "Operations Update at 64North Project in Alaska", 22/4/20 "Operations and Corporate Update - 64North Project Alaska" and 24/6/20 "Drilling Update - 64North Project Alaska".

Competent Persons Statement

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Duncan Chessell who is a member of the Australasian Institute of Mining and Metallurgy. Mr Duncan Chessell is a full-time employee of the company 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 '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 and confirms that the data reported as foreign estimates are an accurate representation of the available data and studies of the material mining project. The Company is not aware of any new information or data that materially affects the information included in this announcement and all material assumptions and technical parameters underpinning the Mineral Resource continue to apply and have not materially changed.

Ownership structure 64North Project: Vendor Millrock Resources TSXV:MRO, 4 year earn-in US$5m/yr and JV agreement to earn 60% interest, with pathway to earn up to 80%. Mandatory exploration spend $1M / year outside West Pogo Block. A one-off grace period of 6 months allowed through the term of the earn-in (ASX:N27 17/10/19).

Tintinta Gold Province Map – source of data: 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), Kensington (Coeur Mining, www.coeur.com).

CONTACT

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Appendix 1. Summary table of drill hole details.

JORC Disclosure – historic results restated

These results (Table 1a: Part 1) were previously announced on 24 October 2019 “Gold Symposium Conference Presentation” (as ASX:N27 Northern Cobalt Ltd Resolution’s former Company Name) using a cut off of 1g/t Au (1ppm Au) for significant results shortly after the project was acquired. It is the Company’s view now that a more appropriate cut off grade in this context is 0.5g/t Au for significant intercepts, as detailed below and reflected in the figures elsewhere in this document.

Table 1a: Part 1 Summary of Historic drill intervals from the Eagle Block, 64North Project, Alaska.

Hole ID	Prospect	From	To	Interval	Au (g/t)
EA00-01	E1	NSI	NSI	NSI	NSI
EA00-02	E1	NSI	NSI	NSI	NSI
EA00-03	E1	27.21	28.21	1.00	1.60
EA00-03	E1	30.93	31.93	1.00	0.55
EA00-03	E1	34.33	37.19	2.86	1.01
including	E1	35.73	37.19	1.46	1.13
EA00-03	E1	44.90	45.94	1.04	1.51
EA00-04	E1	NSI	NSI	NSI	NSI
EA00-05	E1	NSI	NSI	NSI	NSI
EA04-01	E1	147.83	148.13	0.30	0.77
EA04-01	E1	260.15	260.45	0.30	0.79
EA04-01	E1	300.32	300.62	0.30	0.77
EA04-02	E1	9.71	10.21	0.50	0.58
EA04-02	E1	15.91	16.15	0.24	0.74
EA04-02	E1	35.81	36.12	0.30	2.30
EA04-02	E1	91.32	91.53	0.21	0.61
EA04-02	E1	257.31	257.83	0.52	0.53
EA04-02	E1	276.55	276.91	0.37	0.89
EA04-03	E1	13.41	15.24	1.83	2.73
including	E1	14.63	15.24	0.61	3.86

Table 1a: Part 1 Summary of Historic drill intervals from the Eagle Block, 64North Project, Alaska.

Hole ID	Prospect	From	To	Interval	Au (g/t)
EA04-03	E1	246.74	246.95	0.21	0.57
EA04-04	E1	117.07	117.38	0.30	0.63
EA04-04	E1	150.66	150.91	0.24	0.55
EA04-04	E1	161.24	161.82	0.58	1.89
EA04-04	E1	185.32	185.53	0.21	4.49
EA04-04	E1	188.98	189.28	0.30	0.51
EA04-04	E1	195.83	196.60	0.76	0.99
EA04-04	E1	201.78	202.81	1.04	0.64
EA04-04	E1	227.66	228.08	0.43	0.78
EA04-04	E1	228.33	228.72	0.40	0.93
EA04-04	E1	322.48	323.70	1.22	0.76
EA04-04	E1	342.60	342.99	0.40	0.95
EA04-05	E1	43.03	44.08	1.05	1.30
EA04-05	E1	45.84	46.15	0.30	1.06
EA04-05	E1	62.36	62.64	0.27	0.56
EA04-05	E1	62.94	63.15	0.21	0.75
EA04-05	E1	78.64	78.82	0.18	1.23
EA04-05	E1	83.64	83.94	0.30	1.43
EA04-05	E1	91.26	91.50	0.24	0.65
EA04-05	E1	94.43	94.64	0.21	0.89
EA04-05	E1	108.51	109.36	0.85	1.12
EA04-05	E1	111.04	111.22	0.18	1.41
EA04-05	E1	130.03	130.18	0.15	0.74
EA04-05	E1	131.52	132.07	0.55	1.06
EA04-05	E1	139.51	139.81	0.30	3.76

Table 1a: Part 1 Summary of Historic drill intervals from the Eagle Block, 64North Project, Alaska.

Hole ID	Prospect	From	To	Interval	Au (g/t)
EA04-05	E1	185.01	185.32	0.30	1.40
EA04-05	E1	185.47	185.90	0.43	0.69
EA04-06	E1	236.86	237.10	0.24	0.54
EA04-07	E1	60.66	61.72	1.07	2.03
EA04-07	E1	116.13	116.43	0.30	0.77
EA04-07	E1	125.58	125.88	0.30	0.71
EA04-07	E1	144.69	145.30	0.61	1.14
EA04-07	E1	147.58	147.83	0.24	1.13
EA04-07	E1	148.13	149.23	1.10	0.76
EA04-07	E1	162.46	162.76	0.30	1.17
EA04-07	E1	165.20	165.66	0.46	2.94
EA04-08	E1	147.52	147.77	0.24	0.59
EA04-08	E1	185.14	185.35	0.21	0.76
EA04-08	E1	230.43	230.73	0.30	1.30
EA04-08	E1	243.05	243.57	0.52	7.75
including	E1	243.29	243.57	0.27	14.05
EA04-09	E1	14.17	14.48	0.30	1.47
EA04-09	E1	63.89	64.19	0.30	3.86
EA04-09	E1	125.97	126.19	0.21	0.78
EA04-09	E1	126.89	127.41	0.52	1.92
including	E1	126.89	127.07	0.18	2.97
EA04-09	E1	189.68	190.04	0.37	0.61
EA04-09	E1	190.90	191.26	0.37	0.53

All results are covered by the accompanying JORC table. These results (Table 1a: Part 1) were previously stated on 24 October 2019 using a cut off of 1g/t Au (1ppm Au) for significant results shortly after the project was acquired

Table 1a: Part 2 Summary of Historic drill intervals from the East Pogo Block, 64North Project, Alaska.

Hole ID	Prospect	From	To	Interval	Au (g/t)
BND00-01	Boundary	14.30	15.80	1.50	0.79
BND00-01	Boundary	47.00	49.00	2.00	0.67
BND00-01	Boundary	56.30	58.70	2.40	2.36
BND00-01	Boundary	59.90	60.10	0.20	5.24
BND00-01	Boundary	62.50	62.80	0.30	0.50
BND00-01	Boundary	64.90	65.00	0.10	18.05
BND00-01	Boundary	66.60	67.50	0.90	2.22
including	Boundary	67.20	67.50	0.30	5.46
BND00-01	Boundary	67.70	68.20	0.50	4.23
BND00-01	Boundary	68.90	69.10	0.20	9.06
BND00-01	Boundary	80.80	81.40	0.60	0.51
BND00-01	Boundary	83.90	84.70	0.80	1.11
BND00-02	Boundary	15.10	15.20	0.10	0.85
BND00-02	Boundary	29.20	31.20	2.00	0.67
BND00-02	Boundary	41.00	41.20	0.20	2.60
BND00-02	Boundary	87.40	87.50	0.10	1.12
BND00-02	Boundary	99.80	100.20	0.40	2.63
BND00-02	Boundary	102.40	102.70	0.30	0.98
BND00-02	Boundary	131.10	131.30	0.20	3.98
BND00-03	Boundary	NSI	NSI	NSI	NSI
BND00-04	Boundary	65.40	66.00	0.60	4.12
BND00-04	Boundary	75.70	75.90	0.20	1.24
BND00-04	Boundary	79.50	79.80	0.30	1.05
BND00-04	Boundary	81.20	81.50	0.30	1.26

Table 1a: Part 2 Summary of Historic drill intervals from the East Pogo Block, 64North Project, Alaska.

Hole ID	Prospect	From	To	Interval	Au (g/t)
BND00-04	Boundary	94.40	94.90	0.50	1.04
BND00-04	Boundary	96.00	96.20	0.20	8.28
BND00-04	Boundary	131.40	131.50	0.10	1.25
BND00-04	Boundary	147.10	147.60	0.50	24.26
BND00-04	Boundary	152.70	153.10	0.40	7.32
BND00-04	Boundary	192.30	192.60	0.30	0.72
BND00-04	Boundary	208.80	210.60	1.80	0.81
BND00-04	Boundary	218.00	218.20	0.20	3.81
BND00-04	Boundary	222.40	222.70	0.30	3.70
BND00-04	Boundary	224.40	224.50	0.10	35.24
BND00-04	Boundary	236.50	236.70	0.20	2.19
BND00-04	Boundary	240.50	242.50	2.00	0.97
BND01-05	Boundary	NSI	NSI	NSI	NSI
BND07-06	Boundary	NSI	NSI	NSI	NSI

All results are covered by the accompanying JORC table.

Table 1b: Historic drill collar location for the Boundary Prospect, East Pogo Block and the E1 Prospect, Eagle Block, 64North Project, Alaska.

Hole ID	Easting	Northing	Elevation	Azimuth	Dip	EOH Depth	Comments
BND00-01	626137	7146815	920	150	-45	215.49	
BND00-02	626135	7146819	920	330.5	-55	205.71	
BND00-03	626401	7146192	1135	329	-45	149.00	
BND00-04	626172	7146977	826	150	-70	256.90	
BND01-05	626044	7147102	802	150	-70	618.71	
BND07-06	626277	7147095	870	222	-65	244.14	
EA00-01	575027	7129244	650	160	-60	82.91	
EA00-02	575003	7129453	650	160	-60	43.28	
EA00-03	575650	7129571	695	340	-60	52.43	
EA00-04	575049	7129996	735	160	-60	29.57	
EA00-05	574462	7130278	615	160	-60	67.67	
EA04-01	576605	7130203	594	312	-43.9	301.45	
EA04-02	576064	7130329	759	87.9	-44.7	277.67	
EA04-03	576390	7130066	638	310.1	-45.9	298.70	
EA04-04	576640	7129624	695	309.9	-46	363.17	
EA04-05	575184	7129599	709	127.7	-44.8	340.16	
EA04-06	577684	7130989	671	288.3	-44.4	297.18	
EA04-07	576451	7129749	709	287.6	-43.5	169.16	
EA04-08	575334	7129890	728	107.4	-44.6	273.41	
EA04-09	575506	7129737	692	153.2	-79.6	457.20	

Notes for Tables 1a and 1b

1. An accurate dip and strike and the controls on mineralisation are yet to be determined and the true width of the intercepts is not yet known.
2. Coordinates are in NAD83, Zone 6.
3. Elevation and Hole Depth are in metres.
4. Azimuth is in Degrees Grid North.
5. Dip is in degrees.
6. g/t (grams per tonne), ppm (parts per million), ppb (parts per billion), NSI (no significant intercept).
7. All drilling is NQ diamond core drilling, all of hole is sampled.
8. **Significant results are shown for intercepts >0.5g/t Au with no internal dilution.**

Competent Persons Statement

The information in this report that relates to Exploration Targets, Exploration Results, Mineral Resources or Ore Reserves is based on information compiled by Mr Duncan Chessell who is a member of the Australasian Institute of Mining and Metallurgy. Mr Duncan Chessell is a full-time employee of the company 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 '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 and confirms that the data reported as foreign estimates are an accurate representation of the available data and studies of the material mining project. This report includes results that have previously been released under JORC 2012 by the Company on 17 October 2019, "Binding agreement earning 80% of Gold Project in Alaska", "Gold Symposium Conference Presentation" 24 October 2019, "AGM Presentation" 26 November 2019 and "Operations Update at 64North Project, Alaska" 31 March 2020. The Company is not aware of any new information or data that materially affects the information included in this announcement.

Appendix 2. The following tables are provided to ensure compliance with the JORC Code (2012) requirements for the reporting of the exploration results for the 64North Project – Alaska, Boundary Prospect, East Pogo Block and the E1 Prospect, Eagle Block, 64North Project, Alaska.

Section 1 Sampling Techniques and Data

(Criteria in this section apply to all succeeding sections.)

Criteria	JORC Code explanation	Commentary
Sampling techniques	• *Nature and quality of sampling (e.g. cut channels, random chips, or specific specialised industry standard measurement tools appropriate to the minerals under investigation, such as down hole gamma sondes, or handheld XRF instruments, etc.). These examples should not be taken as limiting the broad meaning of sampling.* • *Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.* • *Aspects of the determination of mineralisation that are Material to the Public Report.* • *In cases where 'industry standard' work has been done this would be relatively simple (e.g. 'reverse circulation drilling was used to obtain 1 m samples from which 3 kg was pulverised to produce a 30 g charge for fire assay'). In other cases, more explanation may be required, such as where there is coarse Au that has inherent sampling problems. Unusual commodities or mineralisation types (e.g. submarine nodules) may warrant disclosure of detailed information.*	• No drilling or sampling has been undertaken by Resolution Minerals on the E1 and Boundary Prospects, although limited historical drilling and sampling exists. • Historical sampling was undertaken using standard industry practices. • Historical drill hole co-ordinates are in UTM grid (NAD83 Z6N & NAD27 Z6N) and have been measured by hand-held GPS with a lateral accuracy of ±4 metres and a vertical accuracy of ±5 metres. • Mineralised intersections were encountered, but have not been reported as true widths due to insufficient data spacing and orientation relationship knowledge.

Criteria	JORC Code explanation	Commentary
Drilling techniques	• *Drill type (e.g. core, reverse circulation, open-hole hammer, rotary air blast, auger, Bangka, sonic, etc.) and details (e.g. core diameter, triple or standard tube, depth of diamond tails, face-sampling bit or other type, whether core is oriented and if so, by what method, etc.).*	• Historic exploration drilling includes: • Diamond: EA00-01 – 05 (Hyder, 2000), BND01-05 (Western Keltic, 2001), WP-1 & AGGP-01 – 03 (AngloGold, 2002), ER03-01 – 06 (AngloGold, 2003), ER04-07 – 09 & EA04-01 – 09 (AngloGold, 2004), CN07002 – 004 , BG07-01, BV07-01, CN07-01 & BND07-06 (Rimfire/Rubicon, 2007), NH0805 – 07 (Rimfire/Rubicon, 2008), MR-12-01, MR-12-02, WP-12-01, WP-12-02 (Alix, 2012). • Additional details from historic drilling are unknown.
Drill sample recovery	• *Method of recording and assessing core and chip sample recoveries and results assessed.* • *Measures taken to maximise sample recovery and ensure representative nature of the samples.* • *Whether a relationship exists between sample recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.*	• No drilling has been undertaken by Resolution Minerals on the E1 and Boundary Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists. • Additional details from historic drilling are unknown.
Logging	• *Whether core and chip samples have been geologically and geotechnically logged to a level of detail to support appropriate Mineral Resource estimation, mining studies and metallurgical studies.* • *Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.* • *The total length and percentage of the relevant intersections logged.*	• No drilling has been undertaken by Resolution Minerals on the E1 and Boundary Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists. • Additional details from historic drilling are unknown.

Criteria	JORC Code explanation	Commentary
Sub-sampling techniques and sample preparation	• *If core, whether cut or sawn and whether quarter, half or all core taken.* • *If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.* • *For all sample types, the nature, quality and appropriateness of the sample preparation technique.* • *Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.* • *Measures taken to ensure that the sampling is representative of the in situ material collected, including for instance results for field duplicate/second-half sampling.* • *Whether sample sizes are appropriate to the grain size of the material being sampled.*	• No drilling has been undertaken by Resolution Minerals on the E1 and Boundary Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists. • Additional details from historic drilling are unknown.
Quality of assay data and laboratory tests	• *The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.* • *For geophysical tools, spectrometers, handheld XRF instruments, etc., the parameters used in determining the analysis including instrument make and model, reading times, calibrations factors applied and their derivation, etc.* • *Nature of quality control procedures adopted (e.g. standards, blanks, duplicates, external laboratory checks) and whether acceptable levels of accuracy (i.e. lack of bias) and precision have been established.*	• No drilling has been undertaken by Resolution Minerals on the E1 and Boundary Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists. • Additional details from historic drilling are unknown.
Verification of sampling and assaying	• *The verification of significant intersections by either independent or alternative company personnel.* • *The use of twinned holes.* • *Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.* • *Discuss any adjustment to assay data.*	• No drilling has been undertaken by Resolution Minerals on the E1 and Boundary Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists. • Additional details from historic drilling are unknown.

Criteria	JORC Code explanation	Commentary
Location of data points	• *Accuracy and quality of surveys used to locate drill holes (collar and down-hole surveys), trenches, mine workings and other locations used in Mineral Resource estimation.* • *Specification of the grid system used.* • *Quality and adequacy of topographic control.*	• All maps and locations are in UTM grid (NAD83 Z6N) and have been measured by hand-held GPS with a lateral accuracy of ±4 metres and a vertical accuracy of ±10 metres.
Data spacing and distribution	• *Data spacing for reporting of Exploration Results.* • *Whether the data spacing, and distribution is sufficient to establish the degree of geological and grade continuity appropriate for the Mineral Resource and Ore Reserve estimation procedure(s) and classifications applied.* • *Whether sample compositing has been applied.*	• No drilling or sampling has been undertaken by Resolution Minerals on the E1 and Boundary Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists. • Data spacing is insufficient to establish the degree of geological and grade continuity required for a Mineral Resource estimation.
Orientation of data in relation to geological structure	• *Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.* • *If the relationship between the drilling orientation and the orientation of key mineralised structures is considered to have introduced a sampling bias, this should be assessed and reported if material.*	• No drilling has been undertaken by Resolution Minerals on the E1 and Boundary Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists. • The relationship between the drilling orientation and the orientation of key mineralised structures has not been confirmed.
Sample security	• *The measures taken to ensure sample security.*	• No drilling has been undertaken by Resolution Minerals on the E1 and Boundary Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists. • Additional details from historic drilling are unknown.

Criteria	JORC Code explanation	Commentary
Audits or reviews	• *The results of any audits or reviews of sampling techniques and data.*	• No drilling has been undertaken by Resolution Minerals on the E1 and Boundary Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists. • No review has been undertaken at this time.

Section 2 Reporting of Exploration Results

(Criteria listed in the preceding section also apply to this section.)

Criteria	JORC Code explanation	Commentary
Mineral tenement and land tenure status	• *Type, reference name/number, location and ownership including agreements or material issues with third parties such as joint ventures, partnerships, overriding royalties, native title interests, historical sites, wilderness or national park and environmental settings.* • *The security of the tenure held at the time of reporting along with any known impediments to obtaining a licence to operate in the area.*	• Resolution Minerals Ltd executed a binding agreement with Millrock Resources to acquire, via joint venture earn-in, up to 80% interest of the 64North Project in Alaska (ASX:RML Announcement 16/12/2019). • The total tenement area comprising the 64North Project consists of 1176 State of Alaska claims (66,050 hectares). • The 64North Project is located approximately 120km east of Fairbanks. • The tenure is in good standing and no known impediments exist.

Criteria	JORC Code explanation	Commentary
Exploration done by other parties	• *Acknowledgment and appraisal of exploration by other parties.*	• Previous exploration work includes; • Surface Geochemical Sampling: Pan concentrates, fine silts, silts, soils & rock chips. Airborne Geophysics: EM, LiDAR, Radiometric & Magnetics. Ground Geophysics: Magnetics, Radio-metrics, EM, VLF-EM, NSAMT & CSAMT. Exploration Drilling: 46 Diamond.
Geology	• *Deposit type, geological setting and style of mineralisation.*	• Resolution Minerals Ltd is primarily exploring for Intrusion Related Gold mineralisation (e.g. Pogo-style) within the Yukon-Tanana Terrane of the northern Cordillera, Alaska.
Drill hole Information	• *A summary of all information material to the understanding of the exploration results including a tabulation of the following information for all Material drill holes:* ○ *easting and northing of the drill hole collar* ○ *elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar* ○ *dip and azimuth of the hole* ○ *down hole length and interception depth* ○ *hole length.* • *If the exclusion of this information is justified on the basis that the information is not Material and this exclusion does not detract from the understanding of the report, the Competent Person should clearly explain why this is the case.*	• No drilling has been undertaken by Resolution Minerals on the E1 and Boundary Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists. • See Appendix 1 summary table of historic drill hole results. • An accurate dip and strike and the controls on mineralisation are yet to be determined and the true width of the intercepts is not yet known.

Criteria	JORC Code explanation	Commentary
Data aggregation methods	• *In reporting Exploration Results, weighting averaging techniques, maximum and/or minimum grade truncations (e.g. cutting of high grades) and cut-off grades are usually Material and should be stated.* • *Where aggregate intercepts incorporate short lengths of high-grade results and longer lengths of low-grade results, the procedure used for such aggregation should be stated and some typical examples of such aggregations should be shown in detail.* • *The assumptions used for any reporting of metal equivalent values should be clearly stated.*	• No drilling has been undertaken by Resolution Minerals on the E1 and Boundary Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists. • Historic sample length weighted averaging was used to calculate the historic aggregated intervals of significant mineralisation. A cut off of 0.5 g/t Au has been applied for significant intersections. No top cut has been applied. No internal dilution has been applied. No metal equivalents have been used.
Relationship between mineralisation widths and intercept lengths	• *These relationships are particularly important in the reporting of Exploration Results.* • *If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.* • *If it is not known and only the down hole lengths are reported, there should be a clear statement to this effect (e.g. 'down hole length, true width not known').*	• No drilling has been undertaken by Resolution Minerals on the E1 and Boundary Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists. • Historic down hole length has been reported, as true width is not known, as insufficient work has been undertaken to understand the true width of intervals. • "Down hole length, true width not known" is stated in the notes to Table 1a.
Diagrams	• *Appropriate maps and sections (with scales) and tabulations of intercepts should be included for any significant discovery being reported These should include, but not be limited to a plan view of drill hole collar locations and appropriate sectional views.*	• No drilling has been undertaken by Resolution Minerals on the E1 and Boundary Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists. • Plan view of historic drill collar locations have been included in the body of this report. No sections have been presented.

Criteria	JORC Code explanation	Commentary
Balanced reporting	• *Where comprehensive reporting of all Exploration Results is not practicable, representative reporting of both low and high grades and/or widths should be practiced to avoid misleading reporting of Exploration Results.*	• No drilling has been undertaken by Resolution Minerals on the E1 and Boundary Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists. • The reporting is considered balanced. • Comprehensive reporting of all drilling, trench, soil samples has occurred in historical reports and reported when appropriate here.
Other substantive exploration data	• *Other exploration data, if meaningful and material, should be reported including (but not limited to): geological observations; geophysical survey results; geochemical survey results; bulk samples – size and method of treatment; metallurgical test results; bulk density, groundwater, geotechnical and rock characteristics; potential deleterious or contaminating substances.*	• No other substantive exploration data has been collected on the E1 and Boundary Prospects by Resolution Minerals. • Millrock Resources completed a CSAMT survey. See TSX.V: MRO announcement, released on the 9/10/2019 for details.
Further work	• *The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).* • *Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.*	• A range of exploration techniques are being considered to progress exploration including drilling.