

## DRILLING UPDATE - 64NORTH PROJECT, ALASKA

### Summary

- Hole 20AU003 has been completed on target A6 to a total depth of 615m at the Aurora Prospect
- The hole was extended beyond the planned depth as favourable geology was intersected
- The HQ core is currently being logged in Fairbanks and prepared for assay
- The rig has moved to Target A13NE, adjacent to "Half Ounce Gulch" and commenced drilling
- Drilling to continue through June and July – with 4 to 6 holes planned (2200m minimum)
- Geophysical surveys (ZTEM & Magnetics) to commence next week
- Assay results planned to be released upon program completion

Resolution Minerals Ltd (RML or Company) is pleased to provide an update on the second phase of drilling for 2020 is well underway at the compelling Aurora Prospect, West Pogo Block adjacent to Northern Star's Pogo Gold Mine, Alaska. The first hole was completed on 23 June 2020 to a depth of 615m on Target A6 (Hole ID: 20AU003). The hole intersected the targeted rock type, a paragneiss, which is the same host rock as the Pogo Gold Mine and validated the CSAMT survey data used in targeting the remainder of the holes in this drilling campaign. The drilling was extended beyond the planned depth to adequately test a shear zone intersected at 585m depth.

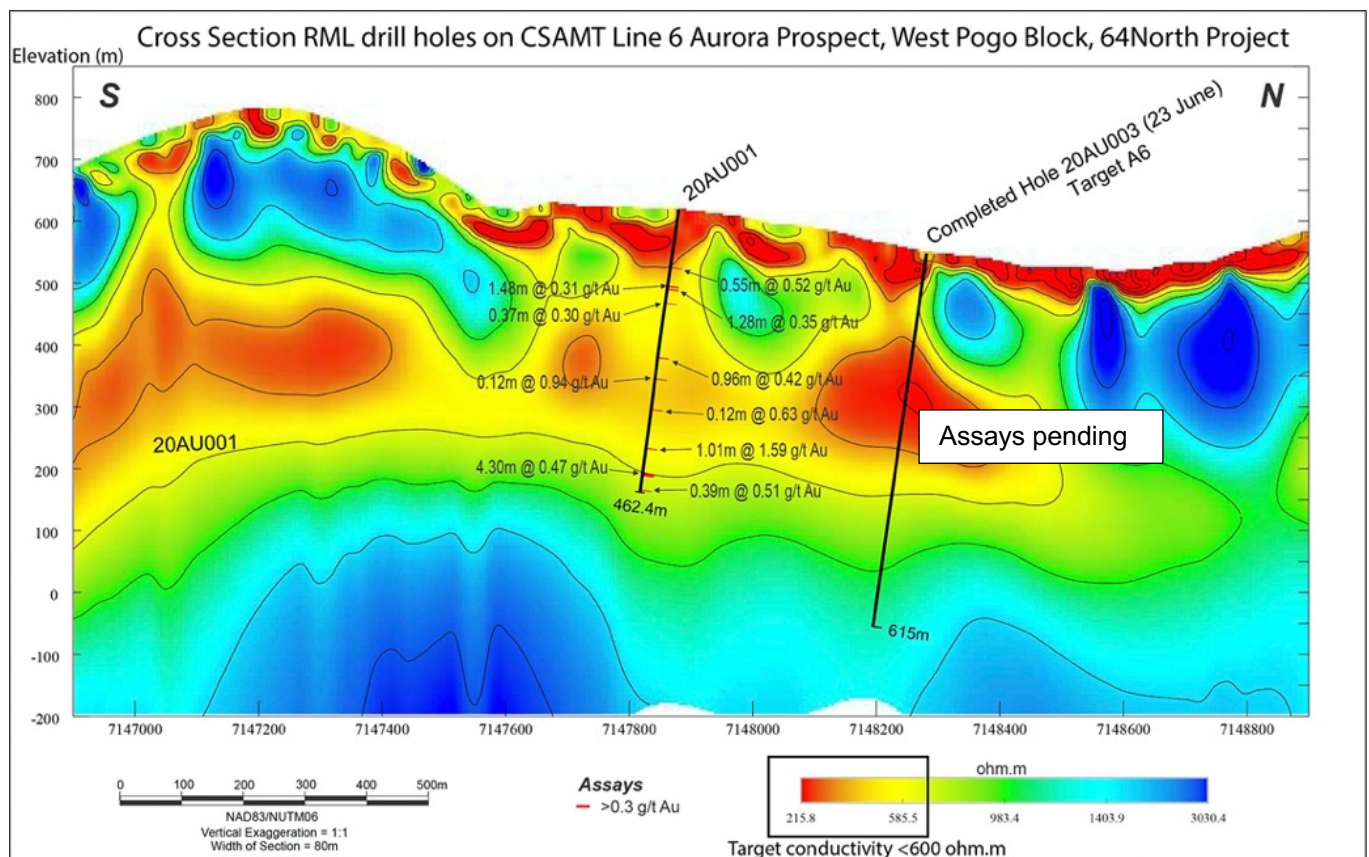


Figure 1 CSAMT Section Line 6, Aurora Prospect, West Pogo Block.

### CAPITAL STRUCTURE

Ordinary Shares  
Issued 206.4 M

Options and rights  
Listed options 6.1 M @ 10c  
Unlisted options 12.3 M @ 25c  
Unlisted options 13.4 M @ 6c  
Unlisted rights 7.5 M

Performance Shares  
Class A 9.6 M  
Class B 3.6 M

Last Capital Raise  
February 2020 - Placement  
\$4.5M @ 5c

### BOARD

Len Dean - Chair  
Duncan Chessell - MD  
Andrew Shearer - NED  
Jarek Kopias - Co Sec

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The drill rig has now moved to Target A13NE and will continue to test targets as outlined on Figure 5. A decision to complete hole 20AU002 (partially completed in March 2020 before travel restrictions) will be made subject to results from the just completed hole, 20AU003. The geology team is continuing to assess all new results to optimise drill hole locations and maximise use of funds. Further planned holes A14, A7SSW, A10 A8 on the Aurora Prospect are outlined on Figure 5, and will be tested in order of priority and re-ranking, as results come to hand from ongoing drilling operations. Drill targeting is undertaken by the 64North Project technical team, comprising of Resolution Minerals and project partner Millrock Resources geoscientists and consultants.

### Next Drill Hole A13NE

The next drill target, A13NE will test a deeper conductor at 400m-800m depth, which is alongside an interpreted vertical feeder vein. This vertical feeder is likely to be the conduit of mineralised fluids from depth and the source of the high grade rock chips up to 13.85 g/t Au at surface at the “Half Ounce Gulch” gold occurrence. Our exploration targeting model is illustrated on the Pogo Style Mineralisation Model (Figure 3). Historic drill holes MR12-01 azimuth 153° and MR12-02 azimuth 94° drilled at a 45° dip and intersected narrow gold veins up to 1.71g/t Au but did not test the deeper flat lying conductive horizon. RML interprets this conductor to be the same host rock as Pogo (paragneiss) and is highly prospective for Pogo-style gold mineralisation. Interestingly the early exploration holes at the now Pogo Gold Deposit and Mine chased narrow near surface vertical veins, drilling inclined holes missing the flat lying thick and high grade gold deposit at depth. It was only later when explorers returned and pointed the rig near vertical, that the Pogo Gold Deposit was discovered. RML will drill a near vertical hole (A13NE) at an ~80° dip.

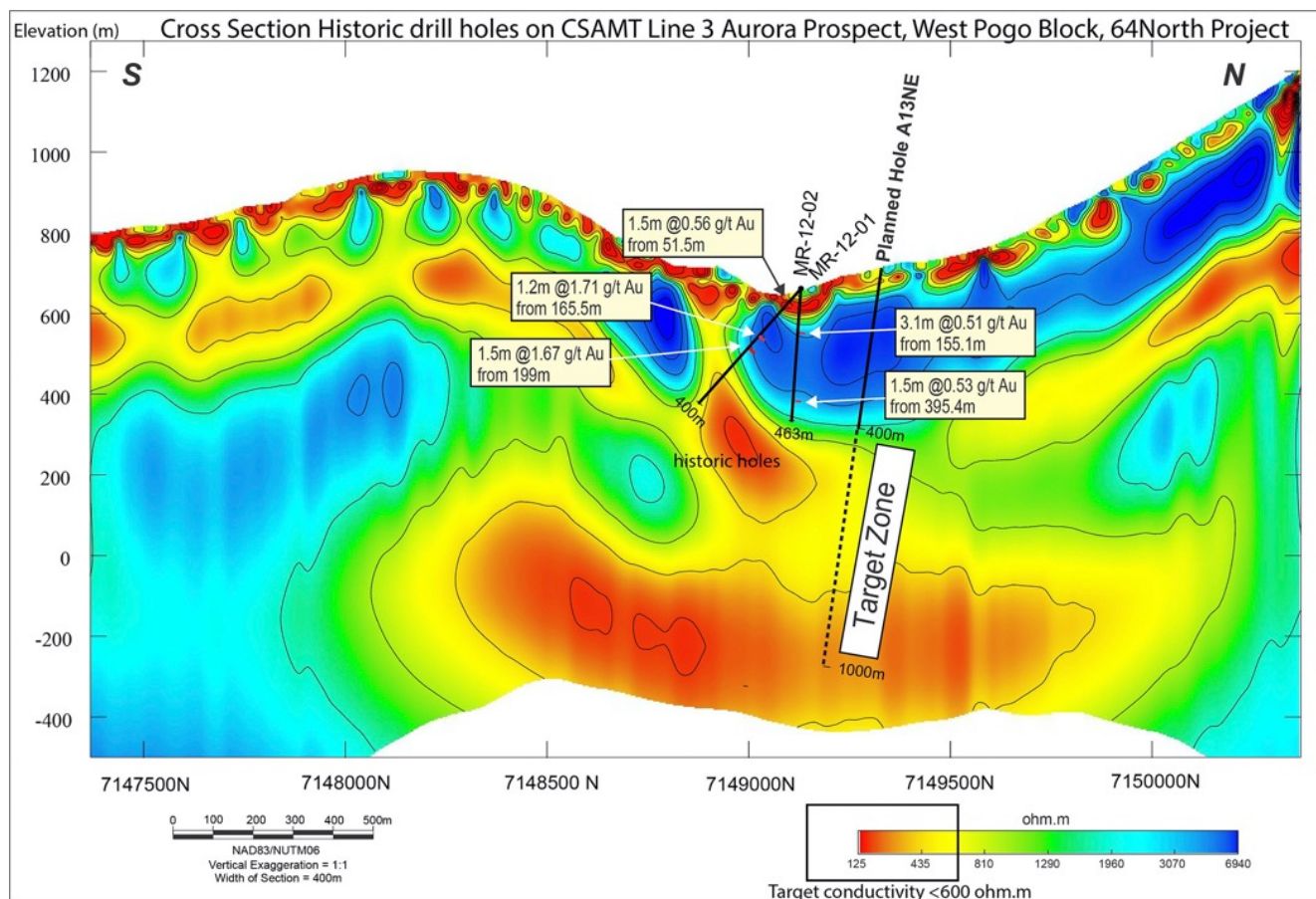


Figure 2 CSAMT Line 3 Section with 45° dip historic holes MR12-01 Azimuth 153° and MR12-02 Azimuth 94° were not drilled on same plane as CSAMT (180°) and therefore has not tested the prospective conductive target zone at 400m to 1000m depth.



### Aurora Prospect

The Aurora Prospect is a large-scale, high priority target zone (2km x 5km), with host rocks, surface geochemistry, structures and geophysical signature that make it a look-alike to the Goodpaster Prospect and Pogo Gold Mine (Figure 6). Drilling is the immediate priority for the Company on the Aurora Prospect.

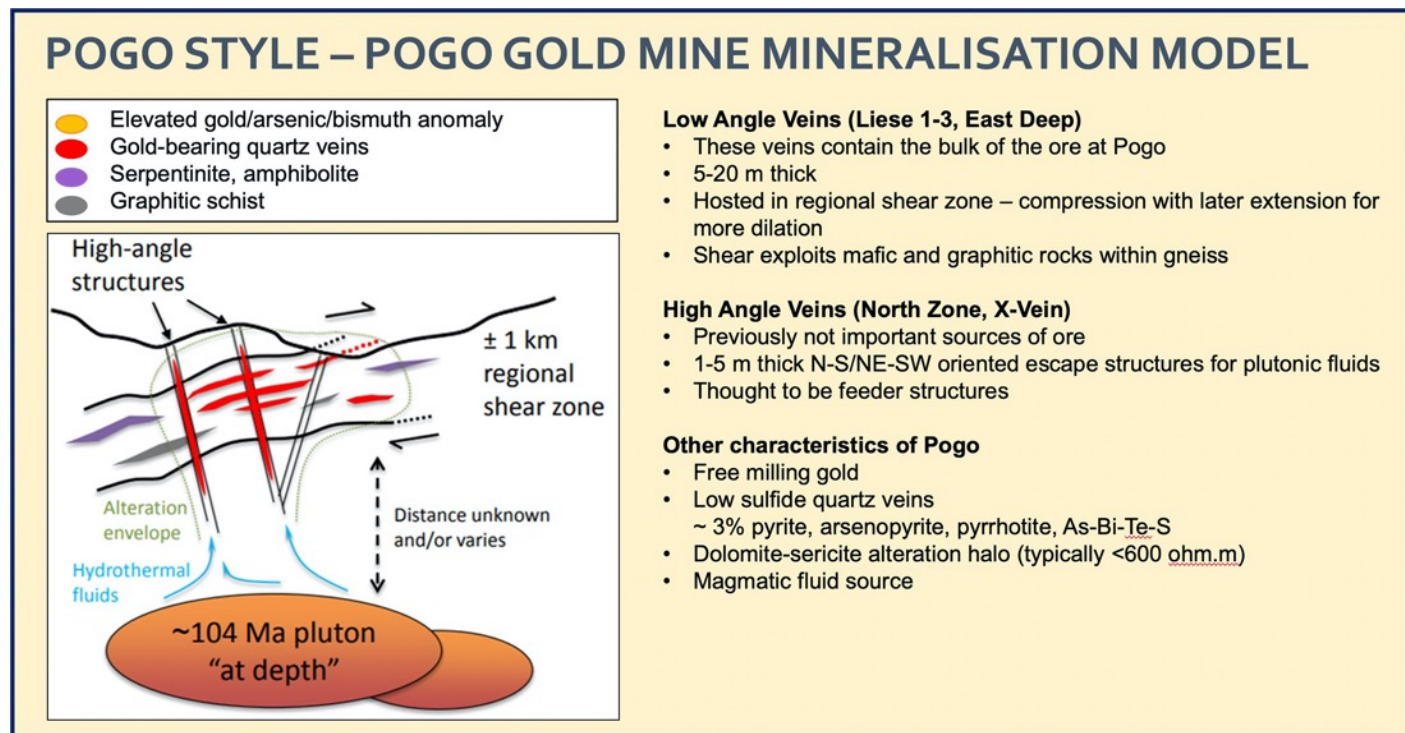


Figure 3 Pogo Gold Mine mineralisation model, (Larimer 2015).

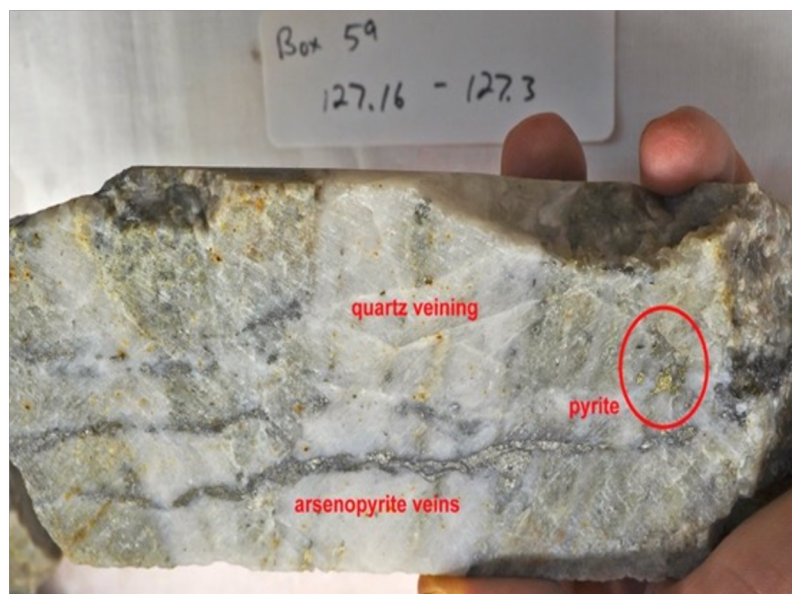


Figure 4 Hole ID 20AU001; cut ½ drill core 127.16m to 127.3m quartz veins, arsenopyrite, pyrite(s) in paragneiss. Grade 0.19g/t Au, >10,000ppm As, 9.4ppm Bi, 1.13ppm Te. Demonstrating a Pogo-style mineral system at RML's Aurora Prospect.

### Pogo-style mineralisation demonstrated

RML released comprehensive information on 14 May 2020 of our first exploration drilling program on the Aurora Prospect. Encouragingly the rock type, quartz veining, intense alteration and elevated arsenic, bismuth and tellurium correlating with gold are all typical of a Pogo-style gold system. Furthermore, the program demonstrated that the geophysical targets correlate with zones of alteration and anomalous gold results, highlighting the large-scale potential of the Aurora Prospect.

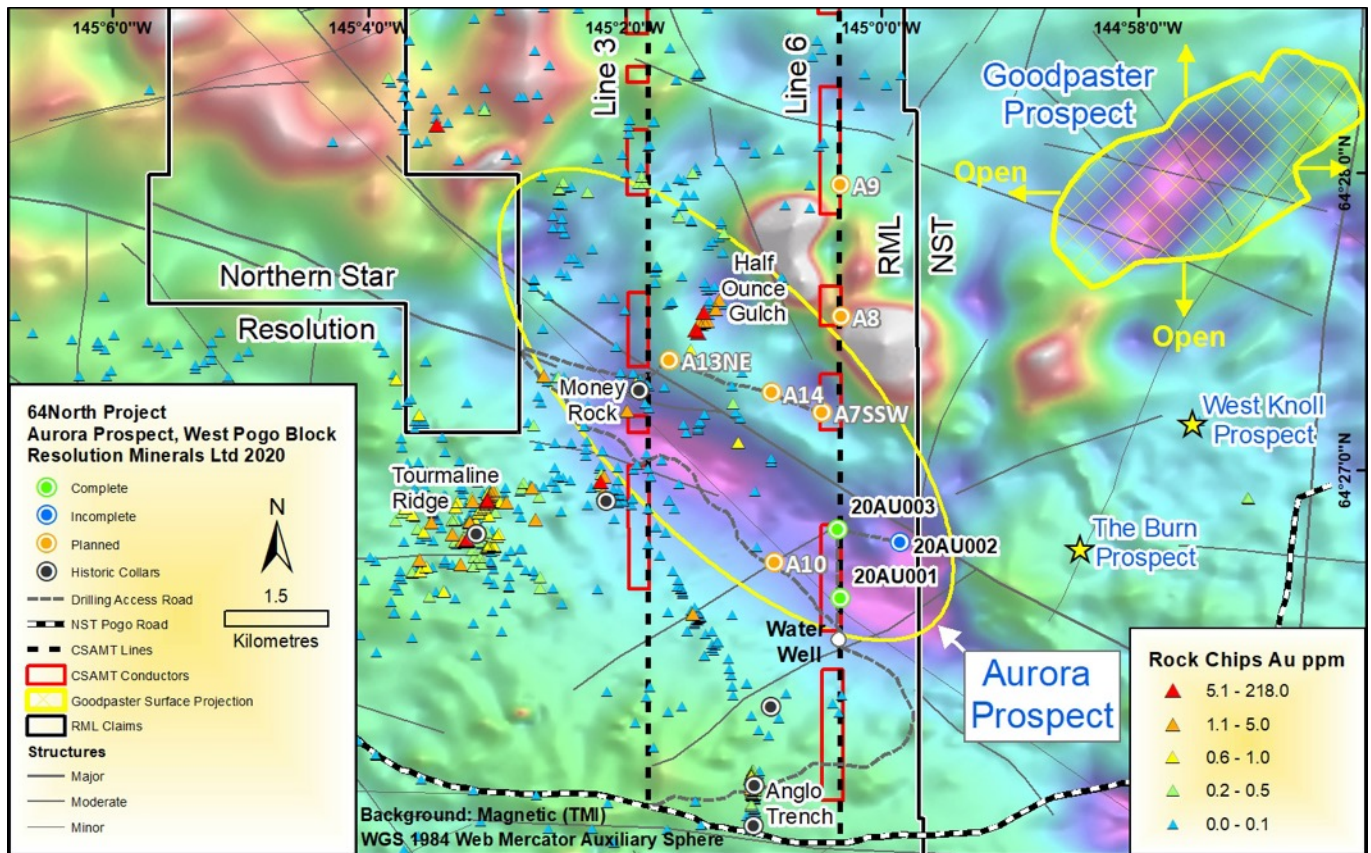


Figure 5 Aurora Prospect, West Pogo Block. Completed drill target locations (green dots), incomplete hole (blue dot) and planned further drill holes (orange dots). CSAMT Lines 3 and 6 (dashed black lines) running north-south.

### About the 64North Project

The 64North Project is adjacent to Northern Star's (ASX:NST) Pogo Gold Mine, 120km from Fairbanks, Alaska in the Tintina Gold Province. NST's operating world class high grade Pogo Gold Mine has an endowment of 10Moz of gold and started production in 2006, producing approximately 300,000oz/year at over 13g/t Au through this time. Recent discovery success has been announced by NST within 450m of our tenement boundary and remains open in all directions at the Goodpaster Prospect. This demonstrates the highly prospective nature of the district and the immediate West Pogo drill targets on RML's tenements. RML is earning into the project which is owned by Millrock Resources (TSXV:MRO) the details of which were announced 17 October 2019 by the Company.

Resolution is continuing to assess regional prospectivity and is will prioritise a pipeline of drill-ready prospects across the large 660km<sup>2</sup> land package (Figure 9), in parallel with its drilling program at West Pogo.



### Echo Prospect

RML's Echo Prospect in the north of the West Pogo Block is directly down dip from the Goodpaster Prospect and will be advanced in June with airborne geophysical surveys. A 200m line spaced ZTEM survey (250 line km) and 100m line spaced magnetics survey (500 line km) will be undertaken to define further drill collar sites. A single line of CSAMT survey data collected in 2019 identified numerous prospective drill targets, on a narrow corridor through the centre of the Echo Prospect. The airborne surveys will be a cost-effective means to widen the zone of potential drill targets. Ground preparation in July will allow RML to be drill ready for August (Figure 6).

### Geophysics Survey June 2020

ZTEM (Z-Axis Tipper Electromagnetic System) is a passive electro-magnetic (EM) technique used to map subsurface resistivity and conductivity. ZTEM can penetrate conductive cover (often causing interference in other EM systems) to depths beyond 1km and is excellent for discriminating subtle resistivity contrasts. The heli-borne magnetic data will be used to define the likely structural controls for mineralisation within the prospect areas.

The Goodpaster Prospect and Pogo Gold Mine are structurally controlled, with alteration and associated gold and sulphide mineralised zones expressed as subtle resistivity contrasts (i.e. weakly conductive). Therefore, the combination of close spaced airborne ZTEM and magnetics data, with existing wide spaced ground acquired CSAMT lines will be a very powerful tool for defining drill targets within an IRGS setting. **Furthermore, RML is collecting data across neighbouring Northern Star's (ASX:NST) Goodpaster Prospect to allow for direct comparison with potential targets on RML's ground (Figure 6).**

### Geophysics Survey Area June 2020

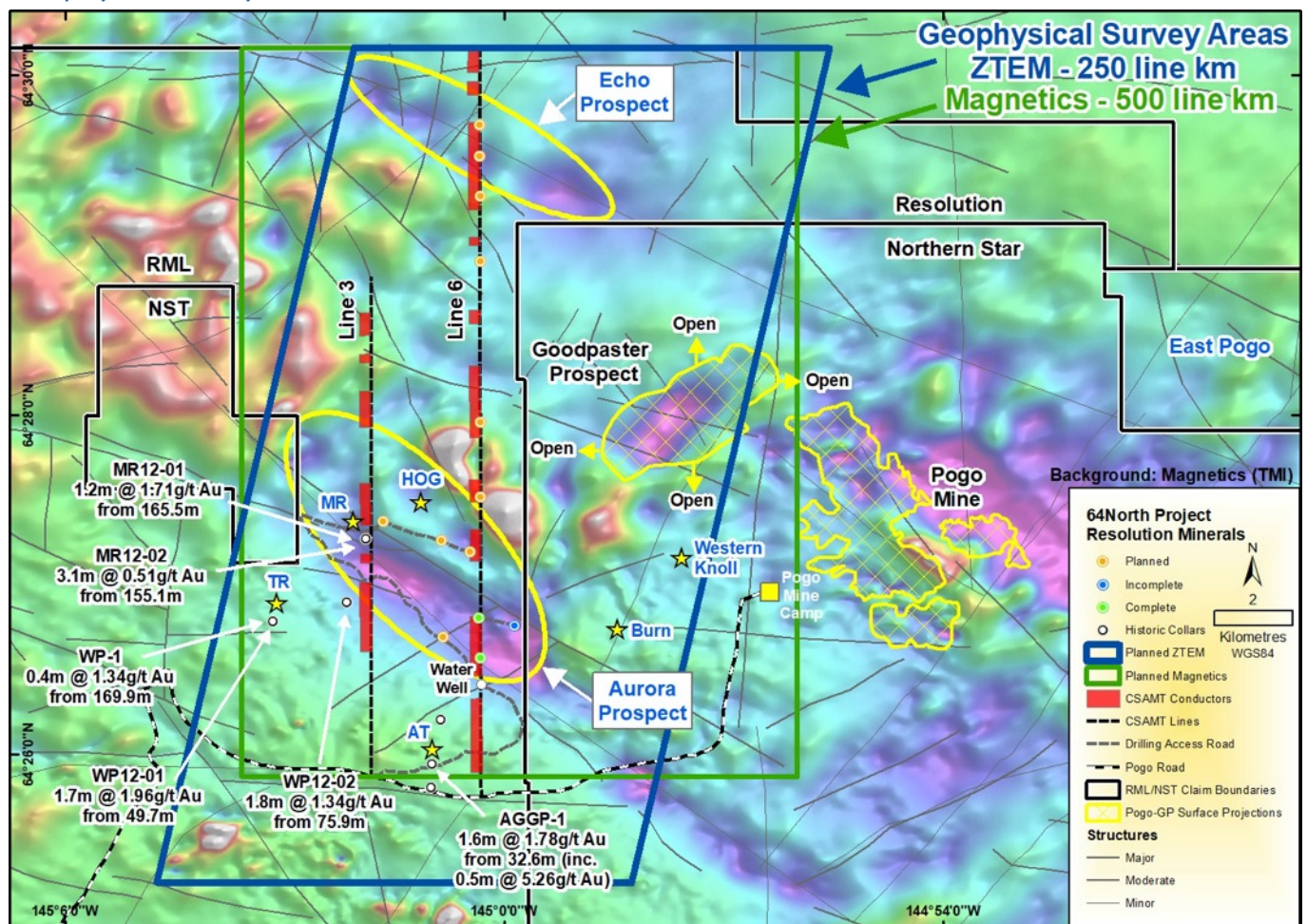


Figure 6 June ZTEM / Magnetic Survey Area blue polygon outline; 200m line spacing ZTEM and 100m line spaced magnetics.





Figure 7 Drill hole 20AU003 nearing completion (inside a bear protection fence), Aurora Prospect June 2020.



Figure 8 Drill pad A13NE prepared ready to drill, June 2020, Half Ounce Gulch gold occurrence, Aurora Prospect 64N Project



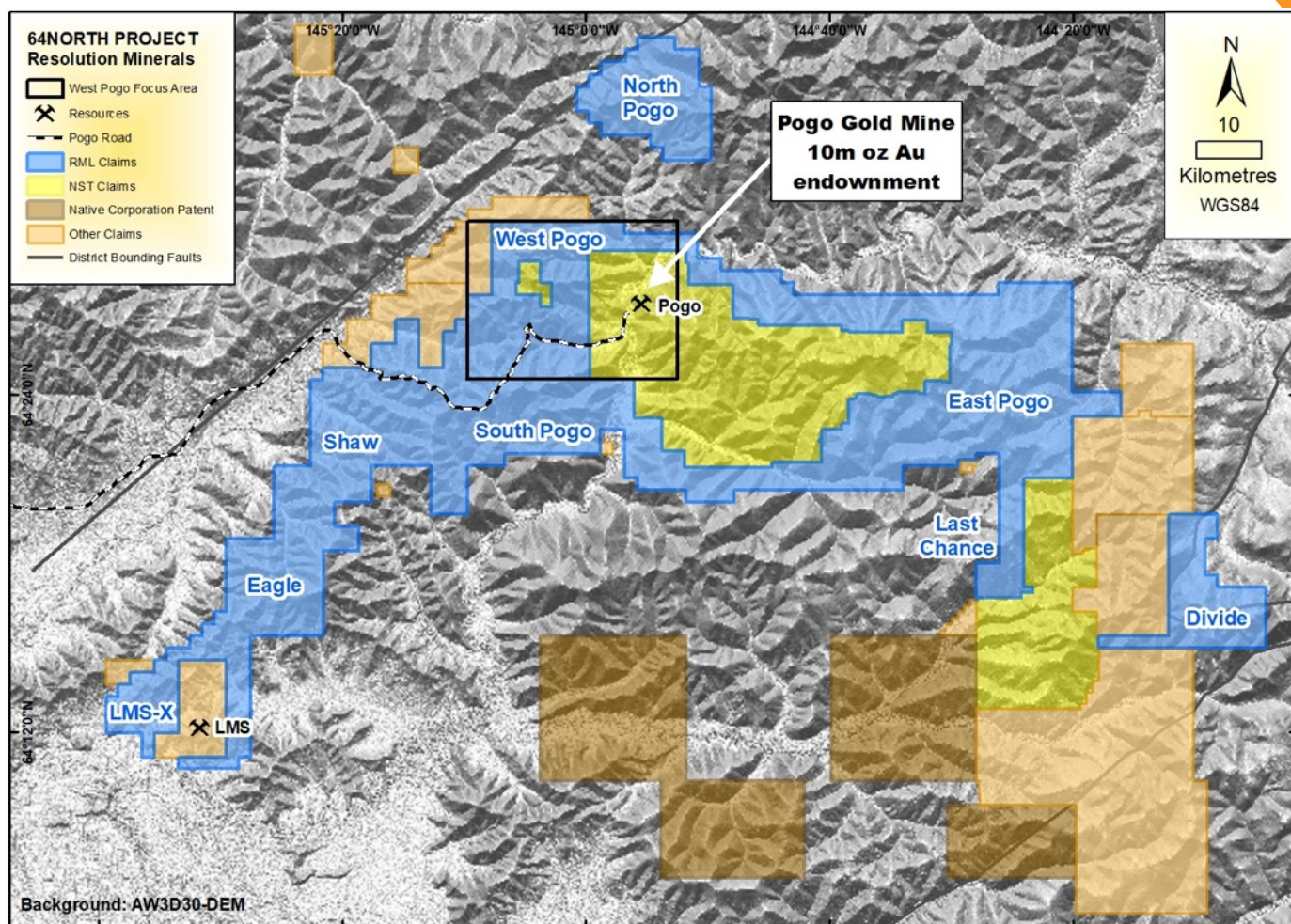


Figure 9 The 64North Project and neighbours' tenement location map, June 2020; RML claims in blue, NST in golden yellow.

Resolution Minerals Ltd is a precious and battery metal mineral explorer with its gold focussed flagship 64North Project in Alaska, the Wollogorang Cu-Co Project in Australia (includes the Stanton Cobalt Deposit) and the Snettisham Ti-V-Fe (Magnetite) Project in southern Alaska.

For further information please contact the authorising officer:

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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, "Initial Assays Hole 1 - 64North Project, Alaska" 27 April 2020 and "Exploration Update - 64North Project, Alaska" 14 May 2020. The Company is not aware of any new information or data that materially affects the information included in this announcement.

### JORC Disclosure – historic results restated

These results 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.

### Appendix 1. Summary table of (historic) drill hole details.

**Table 1a: Summary of Historic drill intervals from the West Pogo Block, 64North Project, Alaska.**

Hole ID	Prospect	From	To	Interval	Au (g/t)
MR-12-01	Money Rock	51.51	53.04	1.52	0.56
MR-12-01	Money Rock	165.51	166.73	1.22	1.71
MR-12-01	Money Rock	199.03	200.56	1.52	1.67
MR-12-02	Money Rock	155.08	158.19	3.11	0.51
MR-12-02	Money Rock	395.33	396.85	1.52	0.53
WP-1	Tourmaline Ridge	83.27	84.19	0.91	0.65
WP-1	Tourmaline Ridge	104.58	105.16	0.58	1.00
WP-1	Tourmaline Ridge	168.95	169.22	0.27	0.67
WP-1	Tourmaline Ridge	169.87	171.91	0.40	1.34
including	Tourmaline Ridge	169.87	169.96	0.09	3.18
WP-12-01	Tourmaline Ridge	49.68	51.36	1.68	1.96
WP-12-01	Tourmaline Ridge	243.69	249.33	5.64	1.03
including	Tourmaline Ridge	244.45	245.36	0.91	2.56
WP-12-02	Tourmaline Ridge	74.52	77.72	3.20	1.10
including	Tourmaline Ridge	75.90	77.72	1.83	1.34
AGGP-1	Anglo Trench	12.60	14.05	1.45	0.61
AGGP-1	Anglo Trench	23.50	26.50	3.00	0.54
AGGP-1	Anglo Trench	32.60	34.20	1.60	1.78
including	Anglo Trench	32.60	33.10	0.50	5.26
AGGP-1	Anglo Trench	40.00	41.13	1.13	0.68
AGGP-1	Anglo Trench	50.70	52.00	1.30	0.51
AGGP-1	Anglo Trench	56.20	58.00	1.80	0.50
AGGP-2	Anglo Trench	NSI	NSI	NSI	NSI
AGGP-3	Anglo Trench	NSI	NSI	NSI	NSI

All results are covered by the accompanying JORC table. *These results 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 1b: Historic drill collar location for the Money Rock, Tourmaline Ridge and Anglo Trench Prospects, West Pogo Block, 64North Project, Alaska.**

Hole ID	Easting	Northing	Elevation	Azimuth	Dip	EOH Depth
MR-12-01	594703	7149129	680	153	-45	400.51
MR-12-02	594703	7149129	680	94	-45	463.14
WP-1	593714	7148198	1134	335	-45	220.68
WP-12-01	593714	7148198	1134	51	-45	321.56
WP-12-02	594517	7148433	948	327	-45	288.65
AGGP-1	595500	7146685	823	180	-60	188.40
AGGP-2	595585	7147180	640	180	-60	452.80
AGGP-3	595500	7146430	649	180	-60	447.53

**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, "Operations Update at 64North Project, Alaska" 31 March 2020 and "Exploration Update - 64North Project, Alaska" 14 May 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.

### Section 1 Sampling Techniques and Data

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

Criteria	JORC Code explanation	Commentary
<b>Sampling techniques</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Include reference to measures taken to ensure sample representivity and the appropriate calibration of any measurement tools or systems used.</li> <li>Aspects of the determination of mineralisation that are Material to the Public Report.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>No drilling or sampling has been undertaken by Resolution Minerals on the historic Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects, although limited historical drilling and sampling exists.</li> <li>Historical sampling was undertaken using standard industry practices.</li> <li>Historical drill hole co-ordinates are in UTM grid (NAD83 Z6N &amp; NAD27 Z6N) and have been measured by hand-held GPS with a lateral accuracy of <math>\pm 4</math> metres and a vertical accuracy of <math>\pm 5</math> metres.</li> <li>Mineralised intersections were encountered, but have not been reported as true widths due to insufficient data spacing and orientation relationship knowledge.</li> </ul>
<b>Drilling techniques</b>	<ul style="list-style-type: none"> <li>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.).</li> </ul>	<ul style="list-style-type: none"> <li>Historic exploration drilling includes:</li> <li>Diamond: EA00-01 – 05 (Hyder, 2000), BND01-05 (Western Keltic, 2001), WP-1 &amp; AGGP-01 – 03 (AngloGold, 2002), ER03-01 – 06 (AngloGold, 2003), ER04-07 – 09 &amp; EA04-01 – 09 (AngloGold, 2004), CN07002 – 004 , BG07-01, BV07-01, CN07-01 &amp; BND07-06 (Rimfire/Rubicon, 2007), NH0805 – 07 (Rimfire/Rubicon, 2008), MR-12-01, MR-12-02, WP-12-01, WP-12-02 (Alix, 2012).</li> <li>Additional details from historic drilling are unknown.</li> </ul>
<b>Drill sample recovery</b>	<ul style="list-style-type: none"> <li>Method of recording and assessing core and chip sample recoveries and results assessed.</li> <li>Measures taken to maximise sample recovery and ensure representative nature of the samples.</li> <li>Whether a relationship exists between sample</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Resolution Minerals on the Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects following the acquisition of the project announced on 17 October 2019, although limited historical</li> </ul>



Criteria	JORC Code explanation	Commentary
	<i>recovery and grade and whether sample bias may have occurred due to preferential loss/gain of fine/coarse material.</i>	drilling exists. <ul style="list-style-type: none"> <li>Additional details from historic drilling are unknown.</li> </ul>
<b>Logging</b>	<ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>Whether logging is qualitative or quantitative in nature. Core (or costean, channel, etc.) photography.</i></li> <li><i>The total length and percentage of the relevant intersections logged.</i></li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Resolution Minerals on the Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists.</li> <li>Additional details from historic drilling are unknown.</li> </ul>
<b>Sub-sampling techniques and sample preparation</b>	<ul style="list-style-type: none"> <li><i>If core, whether cut or sawn and whether quarter, half or all core taken.</i></li> <li><i>If non-core, whether riffled, tube sampled, rotary split, etc. and whether sampled wet or dry.</i></li> <li><i>For all sample types, the nature, quality and appropriateness of the sample preparation technique.</i></li> <li><i>Quality control procedures adopted for all sub-sampling stages to maximise representivity of samples.</i></li> <li><i>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.</i></li> <li><i>Whether sample sizes are appropriate to the grain size of the material being sampled.</i></li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Resolution Minerals on the Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists.</li> <li>Additional details from historic drilling are unknown.</li> </ul>
<b>Quality of assay data and laboratory tests</b>	<ul style="list-style-type: none"> <li><i>The nature, quality and appropriateness of the assaying and laboratory procedures used and whether the technique is considered partial or total.</i></li> <li><i>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.</i></li> <li><i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Resolution Minerals on the Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists.</li> <li>Additional details from historic drilling are unknown.</li> </ul>
<b>Verification of sampling and assaying</b>	<ul style="list-style-type: none"> <li><i>The verification of significant intersections by either independent or alternative company personnel.</i></li> <li><i>The use of twinned holes.</i></li> <li><i>Documentation of primary data, data entry procedures, data verification, data storage (physical and electronic) protocols.</i></li> <li><i>Discuss any adjustment to assay data.</i></li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Resolution Minerals on the Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists.</li> </ul>

Criteria	JORC Code explanation	Commentary
		<ul style="list-style-type: none"> <li>Additional details from historic drilling are unknown.</li> </ul>
<b>Location of data points</b>	<ul style="list-style-type: none"> <li>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.</li> <li>Specification of the grid system used.</li> <li>Quality and adequacy of topographic control.</li> </ul>	<ul style="list-style-type: none"> <li>All maps and locations are in UTM grid (NAD83 Z6N) and have been measured by hand-held GPS with a lateral accuracy of <math>\pm 4</math> metres and a vertical accuracy of <math>\pm 10</math> metres.</li> </ul>
<b>Data spacing and distribution</b>	<ul style="list-style-type: none"> <li>Data spacing for reporting of Exploration Results.</li> <li>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.</li> <li>Whether sample compositing has been applied.</li> </ul>	<ul style="list-style-type: none"> <li>No drilling or sampling has been undertaken by Resolution Minerals on the Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists.</li> <li>Data spacing is insufficient to establish the degree of geological and grade continuity required for a Mineral Resource estimation.</li> </ul>
<b>Orientation of data in relation to geological structure</b>	<ul style="list-style-type: none"> <li>Whether the orientation of sampling achieves unbiased sampling of possible structures and the extent to which this is known, considering the deposit type.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Resolution Minerals on the Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists.</li> <li>The relationship between the drilling orientation and the orientation of key mineralised structures has not been confirmed.</li> </ul>
<b>Sample security</b>	<ul style="list-style-type: none"> <li>The measures taken to ensure sample security.</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Resolution Minerals on the Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists.</li> <li>Additional details from historic drilling are unknown.</li> </ul>
<b>Audits or reviews</b>	<ul style="list-style-type: none"> <li>The results of any audits or reviews of sampling techniques and data.</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Resolution Minerals on the Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists.</li> <li>No review has been undertaken at this time.</li> </ul>



## Section 2 Reporting of Exploration Results

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

Criteria	JORC Code explanation	Commentary
<b>Mineral tenement and land tenure status</b>	<ul style="list-style-type: none"> <li>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.</li> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>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).</li> <li>The total tenement area comprising the 64North Project consists of 1176 State of Alaska claims (66,050 hectares).</li> <li>The 64North Project is located approximately 120km east of Fairbanks.</li> <li>The tenure is in good standing and no known impediments exist.</li> </ul>
<b>Exploration done by other parties</b>	<ul style="list-style-type: none"> <li>Acknowledgment and appraisal of exploration by other parties.</li> </ul>	<ul style="list-style-type: none"> <li>Previous exploration work includes;</li> <li>Surface Geochemical Sampling: Pan concentrates, fine silts, silts, soils &amp; rock chips. Airborne Geophysics: EM, LiDAR, Radiometric &amp; Magnetics. Ground Geophysics: Magnetics, Radio-metrics, EM, VLF-EM, NSAMT &amp; CSAMT. Exploration Drilling: 46 Diamond.</li> </ul>
<b>Geology</b>	<ul style="list-style-type: none"> <li>Deposit type, geological setting and style of mineralisation.</li> </ul>	<ul style="list-style-type: none"> <li>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.</li> </ul>
<b>Drill hole Information</b>	<ul style="list-style-type: none"> <li>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: <ul style="list-style-type: none"> <li>easting and northing of the drill hole collar</li> <li>elevation or RL (Reduced Level – elevation above sea level in metres) of the drill hole collar</li> <li>dip and azimuth of the hole</li> <li>down hole length and interception depth</li> <li>hole length.</li> </ul> </li> <li>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</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Resolution Minerals on the Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists.</li> <li>See Appendix 1 summary table of historic drill hole results.</li> <li>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.</li> </ul>

Criteria	JORC Code explanation	Commentary
	<i>this is the case.</i>	
<b>Data aggregation methods</b>	<ul style="list-style-type: none"> <li><i>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.</i></li> <li><i>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.</i></li> <li><i>The assumptions used for any reporting of metal equivalent values should be clearly stated.</i></li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Resolution Minerals on the Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists.</li> <li>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.</li> <li>No metal equivalents have been used.</li> </ul>
<b>Relationship between mineralisation widths and intercept lengths</b>	<ul style="list-style-type: none"> <li><i>These relationships are particularly important in the reporting of Exploration Results.</i></li> <li><i>If the geometry of the mineralisation with respect to the drill hole angle is known, its nature should be reported.</i></li> <li><i>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').</i></li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Resolution Minerals on the Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists.</li> <li>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.</li> <li>"Down hole length, true width not known" is stated in the notes to Table 1a.</li> </ul>
<b>Diagrams</b>	<ul style="list-style-type: none"> <li><i>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.</i></li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Resolution Minerals on the Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists.</li> <li>Plan view of historic drill collar locations have been included in the body of this report.</li> <li>A cross section for the two MR (Money Rock) drill holes has been provided but is not provided for Anglo Trench (AT) and Tourmaline Ridge (TR) Prospects at this stage as not material to this announcement.</li> </ul>



Criteria	JORC Code explanation	Commentary
<b>Balanced reporting</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>No drilling has been undertaken by Resolution Minerals on the Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects following the acquisition of the project announced on 17 October 2019, although limited historical drilling exists.</li> <li>The reporting is considered balanced.</li> <li>Comprehensive reporting of all drilling, trench, soil samples has occurred in historical reports and reported when appropriate here.</li> </ul>
<b>Other substantive exploration data</b>	<ul style="list-style-type: none"> <li>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.</li> </ul>	<ul style="list-style-type: none"> <li>No other substantive exploration data has been collected on the Money Rock (<b>MR</b>), Tourmaline Ridge (<b>TR</b>) and Anglo Trench (<b>AT</b>) Prospects by Resolution Minerals.</li> <li>Millrock Resources completed a CSAMT survey. See TSX.V: MRO announcement, released on the 9/10/2019 for details.</li> </ul>
<b>Further work</b>	<ul style="list-style-type: none"> <li>The nature and scale of planned further work (e.g. tests for lateral extensions or depth extensions or large-scale step-out drilling).</li> <li>Diagrams clearly highlighting the areas of possible extensions, including the main geological interpretations and future drilling areas, provided this information is not commercially sensitive.</li> </ul>	<ul style="list-style-type: none"> <li>A range of exploration techniques are being considered to progress exploration including drilling.</li> <li>The Company has commenced drilling a HQ Diamond Core hole close to the historic Money Rock Prospect (MR) drill holes as indicated in figures in this release.</li> </ul>