

OPERATIONS UPDATE 64NORTH PROJECT, ALASKA

Summary Operations

- **Reflection Prospect hole ID: 20RE06 was completed to a depth of 553m.** The hole was designed to test a target zone (from 300 to 550m) interpreted to be a potential repeat of the Liese Zone at the Pogo Mine and is adjacent to **Northern Star's (NST) Goodpaster Prospect**. Logging, core cutting and sampling for submission is underway with assays to be reported when available.
- The **Goodpaster Prospect** is the focus of A\$21m resource delineation program by NST.
- **Drilling has commenced on hole ID: 20AU07** at the 2km x 5km **Aurora Prospect**, the hole is designed to test the different structural zone on the central-northern edge of the Aurora prospect, proximal to the diorite and coincides with conductive rocks identified by the recent ZTEM geophysics survey. The Aurora Prospect is road accessible which allows for year-round drilling.
- **Assays** from Aurora drill holes 20AU03 and 20AU04 are planned to be released next week, when available from the laboratory. The delay from the laboratory is due to a mechanical issue which has been resolved in addition to increased gold exploration demand for gold (fire) assays.
- **Fully funded exploration on multiple drilling targets with news flow for the remainder of 2020** after the recent \$5.1m placement and SPP.

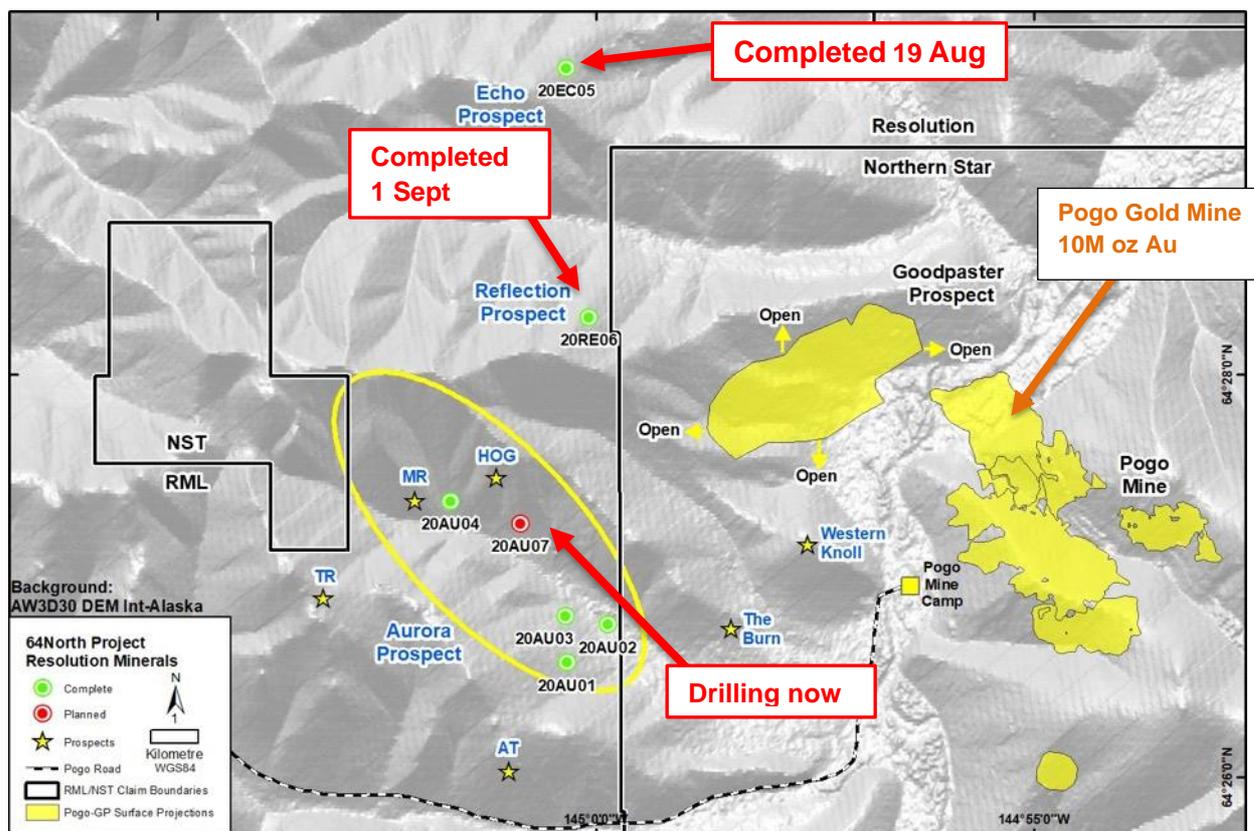


Figure 1 Aurora, Echo & Reflection Prospects - West Pogo Block, 64North Project Alaska, current drilling focus

CAPITAL STRUCTURE

Ordinary Shares
Issued 279 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
August 2020 - Placement & SPP
\$5.1M @ 7c

BOARD

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

Resolution Minerals Ltd (RML, Resolution or Company) is pleased to announce that the third phase of drilling for 2020 is well underway at the compelling West Pogo Block adjacent to Northern Star's (ASX:NST) Pogo Gold Mine, Alaska. Using a helicopter supported diamond core drill rig Hole ID: 20EC05 was completed on 19 August 2020 to a depth of 321m and hole ID: 20RE06 was completed to a depth of 553m on 1 September (figure 2). Drilling production rates have improved throughout the year and high-quality structural data has been collected from orientated HQ core. The structural information will be crucial in unlocking the structural controls on mineralisation and will be combined with assay data when it becomes available to enhance drill targeting. Detailed logging is underway and samples for these two holes will be submitted for assay and reported individually. Due to a surge in gold exploration in North America, we are experiencing longer time frames on return of assays from laboratories and are taking steps to minimise time frames as best possible.

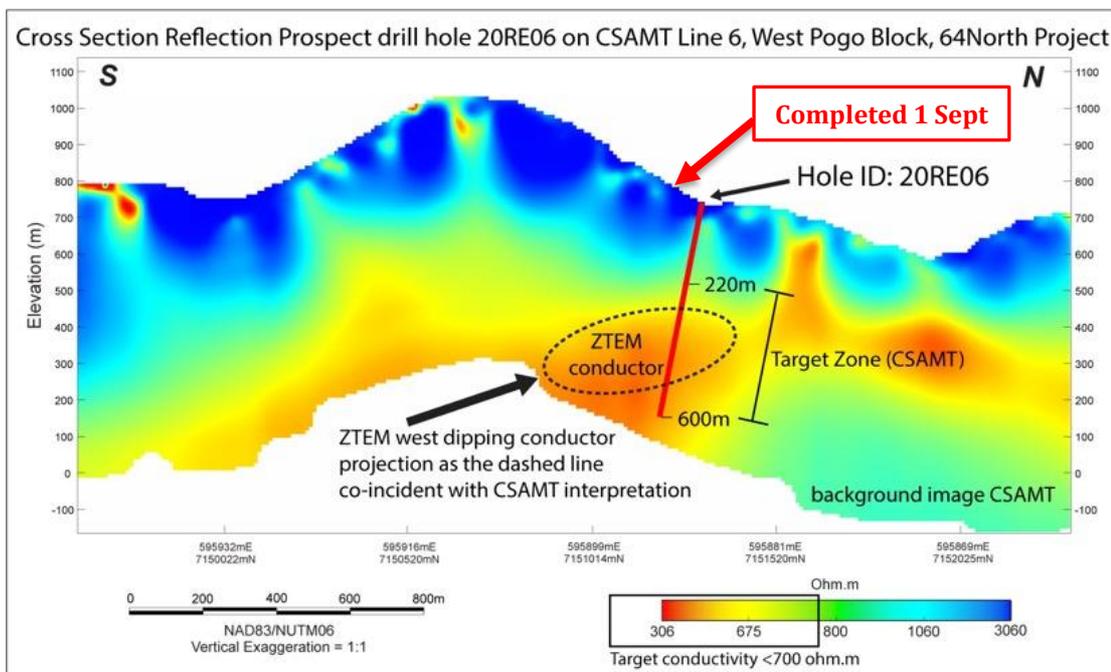


Figure 2 Recently completed drill hole ID: 20RE06 with drill trace on north-south CSAMT cross section Line 6, with ZTEM co-incident conductor with CSAMT target zone indicated with dashed ellipse

Hole ID: 20AU07 – Aurora Prospect

A track mounted diamond core drilling rig has commenced the third and final diamond core hole for this phase of drilling at current hole ID: 20AU07 at the Aurora Prospect. The hole is designed to a depth of 600m and will test a NE trending structural zone, positioned along strike from the Goodpaster Prospect. The hole is located on the central-northern edge of the Aurora prospect, proximal to an outcropping diorite intrusive and coincident with conductive rocks identified by the ZTEM geophysics survey. The Aurora Prospect is road accessible, which allows for year-round drilling.

Corporate Update – change to corporate office phone number

The Company also advises of a change to its corporate office contact details. In accordance with Listing Rule 3.14, the Company's telephone number has changed as of 3 September 2020. The Company's new telephone number is: +61 8 6118 7110.



Figure 3 Deposit sizes stated as Endowment (Resources & Reserves + Historic Production) *sourced from Company websites

For further information please contact the authorising officer:

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Follow RML on [LinkedIn](#) or [Twitter](#)
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***Tintina Gold Province Endowment Map** – source of data: Pebble (Northern Dynasty, www.northerndynastyminerals.com), Pogo (Northern Star Resources, www.nsr ltd.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).

This report includes results that have previously been released under JORC 2012 by the Company “Binding agreement earning 80% of Gold Project in Alaska” on 17 October 2019, “Gold Symposium Conference Presentation” on 24 October 2019, “AGM Presentation” on 26 November 2019, “Operations Update at 64North Project, Alaska” on 31 March 2020, “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 and “Drilling Commenced Reflection Prospect” on 25 August 2020. The Company is not aware of any new information or data that materially affects the information included in this announcement and all material assumptions.