

# **Novo Resources Corp.**

Suite 1980 – 1075 West Georgia Street  
Vancouver, BC V6E 3C9

## **NOVO RESOURCES RECEIVES APPROVALS FOR CORE DRILLING, COMMENCES TRENCHING AT KARRATHA GOLD PROJECT**

**VANCOUVER, BC**, September 21, 2017 - **Novo Resources Corp.** (“**Novo**” or the “**Company**”) (TSX-V: NVO; OTCQX: NSRPF) is pleased to provide an update on exploration activities at its Karratha gold project, Western Australia.

Novo recently received necessary Plan of Work approvals for core drilling at the Purdy’s Reward prospect. The Purdy’s Reward tenement is part of a farm-in and joint venture Novo has with ASX-listed Artemis Resources Limited and is part of Novo’s greater Karratha gold project. As discussed in the Company’s news release dated August 31, 2017, Novo envisions a two-pronged approach to drilling at Karratha. Scout diamond core drill holes will help allow initial assessment of the depth and thickness of targeted gold-bearing conglomerates. Once target depth and thickness has been determined, large diameter RC holes (17.5” diameter) will be drilled to collect bulk samples. Novo has engaged Orlando Drilling to undertake diamond core drilling and FORACO International SA to undertake large diameter reverse circulation drilling. Drilling will commence in areas within which heritage clearance has already been conducted. Core drilling is expected to begin around September 27<sup>th</sup> and large diameter drilling around October 15<sup>th</sup>.

Preliminary trenching activities have begun. Novo has recently mobilized a 35-tonne excavator to site which, in addition to helping construct drill pads, will be used to open up several exploration trenches at Purdy’s Reward. Mobilization of a hardrock trencher as discussed in the Company’s August 31, 2017 news release, will take place once approvals have been received to upgrade the track into site.

Bulk samples from large diameter reverse circulation drilling and trenching will be delivered to Nagrom Metallurgical Laboratory, Perth and subjected to analysis as follows:

- Bulk samples derived from trenches and large diameter reverse circulation drilling will be crushed to -60 mm (P100) and dry screened at 10 mm and 2 mm.
- The +10 mm and 2-10 mm fractions will be fed through the Steinert XSS T sorting machine to generate a concentrate of rock particles containing coarse gold (“*sorted concentrate*”) and tailings (“*sorted tailings*”). The *sorted concentrate* will be crushed to -2mm (P100) and subjected to intense CN leaching and analysis. Tailings from intense CN leaching will be subjected to metallic screen fire assay to ensure no loss of gold. The gold content of the *sorted concentrate* will be determined by mathematically combining the Au recovered by CN leaching with residual gold detected by metallic screen fire assay.
- *Sorted tailings* will be crushed to -2 mm (P100) and recombined with any -2 mm material generated during initial screening. A 30 kg split of -2 mm material will be taken and pulverized to -75 microns (P95). Three, 1 kg splits of the pulverized material will be subjected to intensive CN leaching and analysis. A weighted average grade of these three analyses will constitute the *sorted tailings* grade.

- A final bulk sample grade will be calculated by mathematically combining the *sorted concentrate* grade and the *sorted tailings* grade.
- Laboratory turnaround is expected to be around 4-6 weeks.

“We are eager to commence exploration activities at Karratha,” commented Dr. Quinton Hennigh, President, Chairman and Director of Novo Resources Corp. “We anticipate diamond core drilling to provide us with a good handle on stratigraphy and target depths. Follow-up large diameter reverse circulation drilling will provide necessary bulk sample material to evaluate grades of this very nuggety gold system. Similarly, bulk samples collected from trenching will provide critical data on grade and gold distribution. Karratha is a very exciting gold discovery, and Novo is ready to meet the challenge of exploring it.”

### **Karratha Gold Project**

Gold mineralization at Karratha is hosted by a sequence of conglomerate beds, fossil gravel horizons, ranging from a few meters to approximately 20 meters thick comprising the base of a much thicker package of sedimentary and volcanic rocks called the Fortescue Group. Rocks of the Fortescue Group were deposited between 2.78 and 2.63 years ago upon 3.0-3.7 billion year old igneous and metamorphic rocks that make up the Pilbara craton, an ancient piece of Earth’s crust.

Over the past year, local metal detectorists have excavated gold nuggets originating from weathered conglomerate along an eight-kilometer, southwest-trending corridor between the Purdy’s Reward prospect (*please refer to the Company’s news releases dated May 26 and August 15, 2017*) and Comet Well (*please refer to the Company’s news releases dated April 11, June 26 and August 3, 2017*). These gold-bearing conglomerates dip gently southeastward under cover at angles of between 2 and 20 degrees. The Company secured 100% control over approximately 7,000 sq km in areas along strike and down dip from Purdy’s Reward and Comet Well through aggressive staking earlier this year. Novo believes that these gold-bearing conglomerates may underlie significant areas within the greater Fortescue basin.

In the Company’s news release dated July 12, 2017, Novo discussed discovery of gold nuggets in a bulk sample collected from a trench at the Purdy’s Reward prospect. Metallurgical test work conducted on this sample was discussed in the Company’s news release issued August 8, 2017. The weighted average grade of two splits of this bulk sample was 67.08 gpt Au. Approximately 82% of the gold in this sample was determined to be coarse, mainly nuggets displaying several interesting characteristics. These are commonly flattened with rounded edges giving them an appearance similar to watermelon seeds. Most are coarse, +2 mm and are not attached to quartz or other minerals. Gold is of high purity, +96%, much higher than the gold content of nuggets derived from basement-hosted lode gold deposits from the Pilbara region that commonly display purities of 70-90%. Nuggets display crenulated surfaces thought derived from burial and compaction within a sandy matrix.

In addition to coarse gold, this metallurgical test confirmed a significant fine-grained gold component is present in these conglomerates. Such fine gold, if it is indeed disseminated throughout the conglomerates, could prove important to help evaluate grade and continuity of this deposit.

Dr. Quinton Hennigh, the Company's, President and Chairman and a Qualified Person as defined by National Instrument 43-101, has approved the technical contents of this news release.

### **Novo to Present at Denver Gold Forum 2017**

Novo is also pleased to announce that its President and Chairman, Dr. Quinton Hennigh, will be presenting at the Denver Gold Forum on Monday, September 25<sup>th</sup> at 11:15am UTC (1:15am AWST) at the Broadmoor Hotel in Colorado Springs, Colorado.

Dr. Hennigh will be discussing the Company's aforementioned exploration plans. A live feed of the presentation will be available at <http://www.denvergoldforum.org/dgf17/dgf17-webcasts/2017-ondemand-webcast/>.

Novo will also run a live feed from its Karratha project during the presentation. A link to the Company's live feed will be provided on Monday morning.

### **About Novo Resources Corp.**

Novo's focus is to explore and develop gold projects in the Pilbara region of Western Australia, and Novo has built up a significant land package covering approximately 12,000 sq km. Novo also controls a 100% interest in approximately 2 sq km covering much of the Tuscarora Au-Ag vein district, Nevada. For more information, please contact Leo Karabelas at (416) 543-3120 or e-mail [leo@novoresources.com](mailto:leo@novoresources.com)

On Behalf of the Board of Directors,

### **Novo Resources Corp.**

"Quinton Hennigh"

Quinton Hennigh  
President and Chairman

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### **Forward-looking information**

Some statements in this news release contain forward-looking information (within the meaning of Canadian securities legislation) including, without limitation, statements as to planned exploration activities and the expected timing of the receipt of results. These statements address future events and conditions and, as such, involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the statements. Such factors include, without limitation, customary risks of the mineral resource industry as well as the performance of services by third parties.