



Suite 960 – 789 West Pender Street, Vancouver, BC, Canada V6C 1H2
Tel: 604-668-8355

News Release

NORTH ARROW CONFIRMS FOUR SPODUMENE PEGMATITES AT LDG PROJECT, NT DRILLING PLANNED TO START IN AUGUST

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North Arrow Minerals Inc. (TSXV-NAR) (“**North Arrow**”) is pleased to report it has confirmed at least four spodumene pegmatites at the company’s 100% owned LDG Property, Northwest Territories.

Highlights of this recently completed program, initially announced in North Arrow news release dated [July 13, 2023](#), include:

- Four spodumene-bearing pegmatites have been identified within 5 km of the winter road connecting the Diavik diamond mine, 20 km to the north, with the city of Yellowknife, and within 1 km of an alternative winter road alignment used in the past.
- The pegmatites remain open along strike and have been traced over estimated extents of 300m to >500m, based on interpreted continuity of low-relief outcrop exposures. Individual outcrops range from metre-scale to near continuous exposures over 200m in strike length.
- The pegmatites are interpreted to dip steeply at ~75-80 degrees with estimated widths ranging from 5m to 50m. Widths are poorly constrained by abundant overburden and rarely observed contacts with metasedimentary host rocks.
- Pegmatite mineralogy consists of plagioclase, potassium feldspar, quartz, spodumene, muscovite and tourmaline. Spodumene is abundant in the pegmatites, locally reaching 15-20% of observed outcrops, in some cases with very coarse crystals up to 50 cm in size.
- 51 channel and regional prospecting samples have been submitted to ALS Global in Yellowknife with results to be reported when received.
- Abundant overburden in the area provides significant scope for expanding these showings considerably.



Spodumene (lithium silicate) megacrysts found the at SD4 Pegmatite, LDG Project.

Ken Armstrong, President and CEO of North Arrow commented “In a very short period of time, North Arrow has confirmed a new spodumene pegmatite field within our 100% owned LDG Project in the Northwest Territories. Based on the size potential of these pegmatites, their location immediately adjacent to transportation infrastructure provided by the Lac de Gras winter road, and the fact that an exploration camp and drilling permit are already in place, we have refocused our 2023 drilling plans to test these discoveries starting in late August. The program is intended to rapidly evaluate the pegmatites through

approximately 2,000m of delineation drilling and sampling, which will provide clarity of their full size and mineralization potential.”

Drilling of North Arrow’s 100% owned DeStaffany Lithium Project, updated in a North Arrow news release dated [July 11, 2023](#), will occur in 2024.



Channel sampling of the SD1 Pegmatite, LDG Project, NWT.

About North Arrow Minerals

North Arrow is a Canadian based exploration company focused on the identification and evaluation of lithium and other exploration opportunities in Canada. North Arrow’s management, board of directors and advisors have significant successful experience in the global exploration and mining industry. North Arrow is evaluating spodumene pegmatites at its 100% owned DeStaffany, LDG and MacKay Lithium Projects (NWT) and is also exploring for lithium in Nunavut at the Bathurst Inlet pegmatite field and continues work to identify additional lithium exploration opportunities in northern Canada. North Arrow also owns interests in the Naujaat (NU), Pikoo (SK), Mel (NU), and Loki (NWT) Diamond Projects and maintains a 100% interest in the Hope Bay Oro Gold Project, located approximately 3 km north of Agnico Eagle’s Doris Gold Mine, Nunavut. North Arrow’s exploration programs are conducted under the direction of Kenneth Armstrong, P.Geo. (NT/NU, ON), President and CEO of North Arrow and a Qualified Person under NI 43-101. Mr. Armstrong has reviewed and approved the technical contents of this press release.



Spodumene megacryst at SD2 Pegmatite, LDG Project, NWT.

North Arrow Minerals Inc.

/s/ "Kenneth A. Armstrong"
Kenneth Armstrong
President and CEO

For further information, please contact:
Ken Armstrong or Nick Thomas
Tel: 604-668-8354 or 778-229-7194
Website: www.northarrowminerals.com

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