



## **GRID METALS CORP COMPLETES 15 DRILL HOLES AT DONNER LAKE LITHIUM PROJECT DRILLING ONGOING**

**November 29, 2022** Grid Metals Corp (TSXV:GRDM; OTCQB:MSMGF) (the "Company") today provided a progress update on its drill program at its Donner Lake Lithium Property (the "Property"), located in the Bird River Greenstone Belt of southeastern Manitoba. The program will include resource delineation drilling at the Main and Northwest dykes and a series of exploration holes targeting untested spodumene bearing pegmatites. The Company maintains the near-term goal of establishing a maiden resource from the Main and Northwest dykes via the current drilling program. The property is a 75%/25% joint venture between Grid Metals Corp. and Lithium Royalty Corp.

### **Drill Program Update**

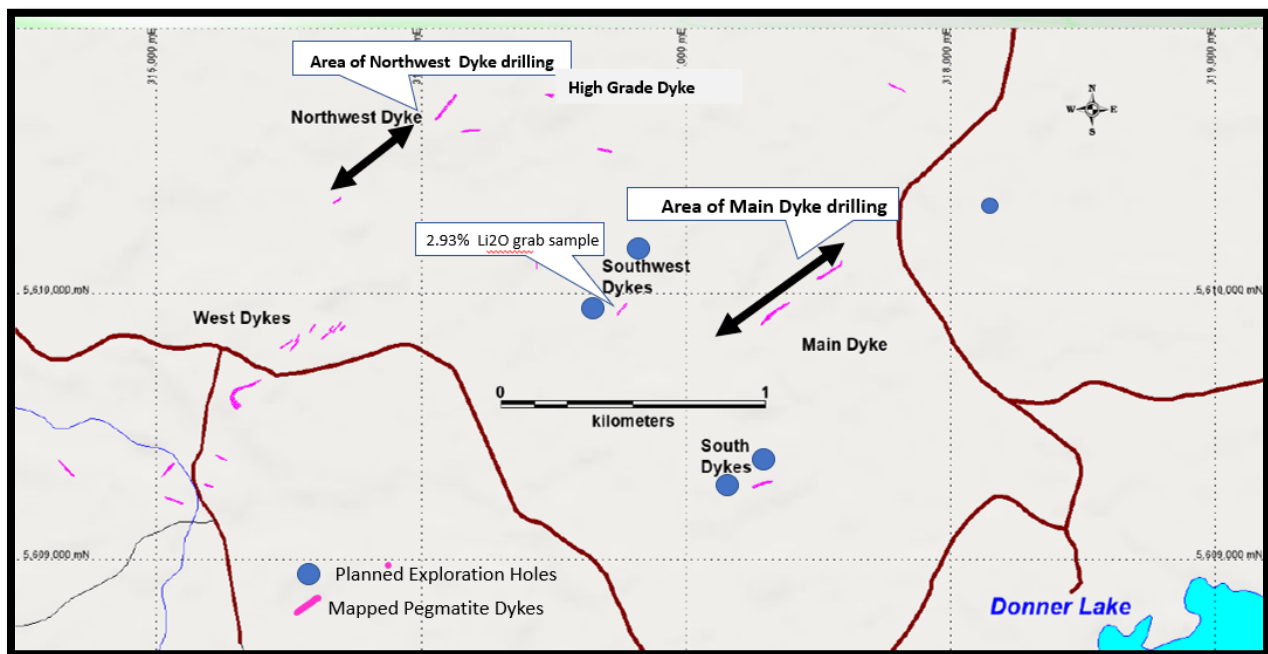
#### **Main Dyke Drilling**

The Company currently has two drills in operation on the Main Dyke and 15 holes for approximately 3400 meters have been completed since the start of the drilling several weeks ago. The Main Dyke is being drilled at an average pierce point spacing of 75 to 90 meters and approximate vertical depths of between 100m and 250m. This work will complement shallow drilling completed in 2018 and surface channel sampling completed earlier in 2022. Pegmatite units have been encountered in every hole. The 11 holes completed in the 2018 drilling program returned average grades of 1.5% Li<sub>2</sub>O over true widths of approximately 3 metres at an average vertical depth of approximately 50 metres and over a strike length of approximately 760 metres. Historical drilling from 1955 on the dyke covered a strike length of 810 metres. The Main Dyke remains open along strike and to depth.

Later in the program resource delineation drilling will also be completed at the Northwest Dyke where fifteen (15) exploration holes were completed by the Company in the first quarter of 2022. The fifteen drill holes cover a strike length of 500 metres and returned intersection depths of <100 to >250 metres. The results of that program indicated that the near surface part of the Northwest Dyke has an average true thickness of ~ 4 metres and an average grade of 1.3% Li<sub>2</sub>O<sub>2</sub> (see the Company's July 28, 2022 New Release for details). The Northwest Dyke remains open along strike in both directions and to depth.

**Exploration Drilling Plan:** Several other exploration targets in the area of the Main and Northwest Dykes are planned to be drilled in the course of the current drill program. Targets include two outcropping dykes systems. At the **Southwest Dykes**, 19 surface grab samples were taken of the surface pegmatites with 6 samples yielding assay values greater than 0.4% Li<sub>2</sub>O with the highest assay being 2.93% Li<sub>2</sub>O (Table 1). The 19 samples were also anomalous in cesium, rubidium, and tantalum. At the **South Dykes** surface grab samples also returned anomalous lithium values and tantalum values (up to 579 ppm).

The Company expects to generate additional exploration targets for future drilling through the integration of surface prospecting and mapping data, historical and recent lithochemical analyses, and 2D and 3D geophysical models of both magnetics and apparent resistivity.



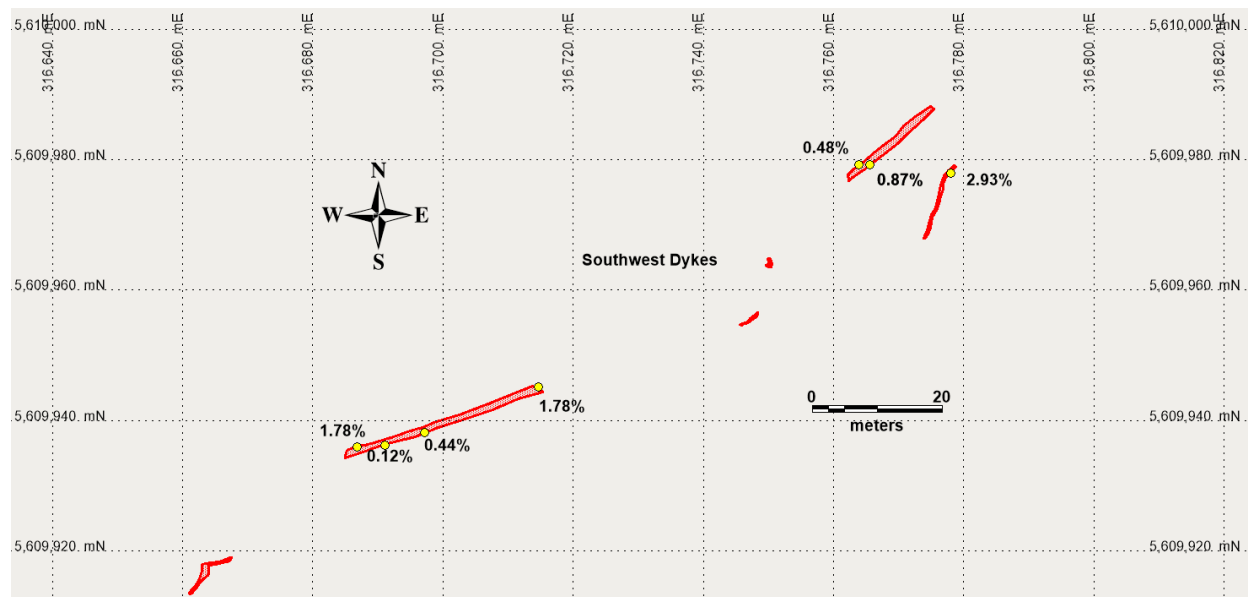
**Above:** Mapped pegmatite dykes at Donner Lake Lithium Property showing areas of resource drilling and preliminary exploration drill hole locations

### Additional Information

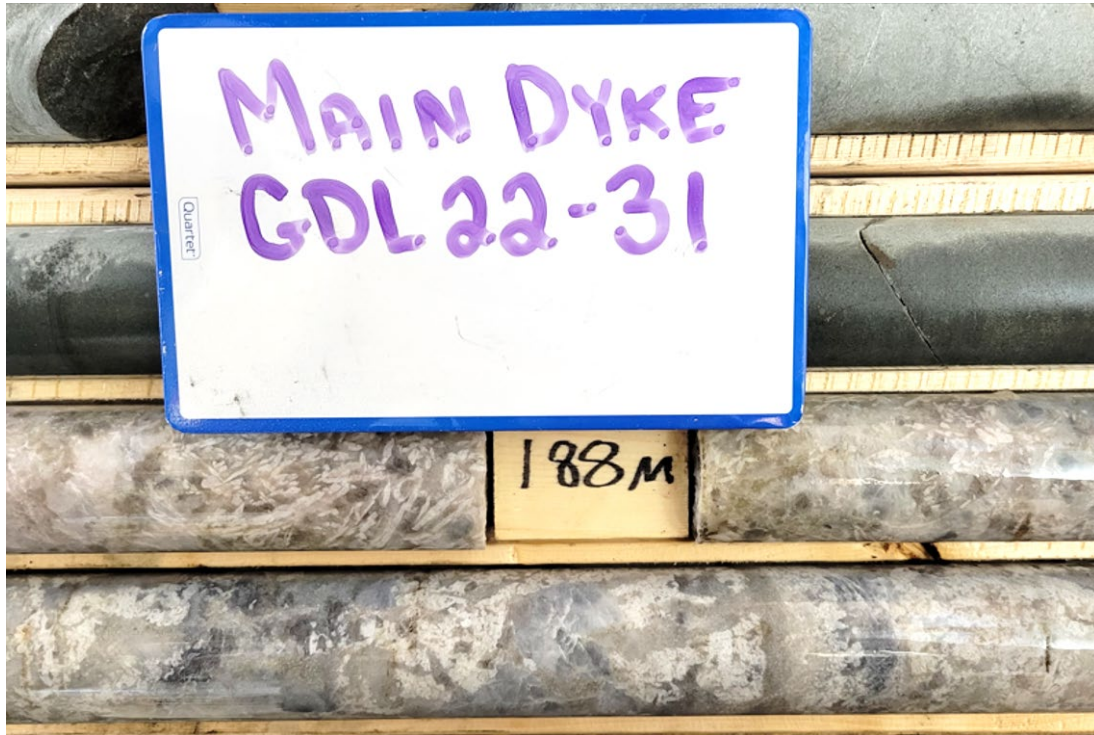
The **Southwest Dykes** were mapped in the summer over an inferred strike length of greater than 250 meters. In the field the dykes were averaging 1.3 meters widths. Fine to coarse grained spodumene blades were noted in the field investigation and assays are provided below. The maximum surface sample Li<sub>2</sub>O grade was 2.93%. The trend of the pegmatites exposed on surface at the Southwest and South Dykes is similar to the trends of the Northwest and Main Dykes, i.e., steeply dipping with a northeasterly strike direction.

Southwest Pegmatite 2022 Field Samples						
Sample	Easting	Northing	Li2O(%)	Cs (ppm)	Rb (ppm)	Ta (ppb)
858156	316764	5609979	0.48	305	4200	128
858157	316690	5609934	1.78	156	1780	153
858158	316691	5609935	0.17	447	> 5000	182
858159	316698	5609935	0.44	165	1930	110
858161	316716	5609947	1.78	309	3110	141
858162	316747	5609955	0.04	69	790	92.9
858163	316750	5609971	0.06	241	3490	224
858164	316766	5609979	0.87	144	2020	79.9
858165	316771	5609989	0.03	97.9	1750	66.3
858166	316779	5609979	2.93	143	1920	90.8
858167	316774	5609972	0.03	176	2380	1.5
858168	316777	5609967	0.02	34.6	228	319
858344	316613	5609851	0.11	324	4170	74
858345	316618	5609855	0.07	58.8	372	134
858346	316600	5609826	0.02	147	1580	123
858347	316599	5609824	0.02	185	1900	152
858348	316598	5609822	0.01	235	2520	186
858349	316660	5609912	0.04	127	1330	125
858350	316662	5609915	0.04	99.3	1170	168

**Left:** Assay Table from 2022 field sampling of the Southwest Dykes. Samples are select grab samples taken in the course of geological mapping.



**Above:** Surface plan map of the Southwest Dykes with selected Li2O% values. Coordinates are based on the NAD83 UTM Zone 15N projection.



**Above:** Main Pegmatite Dyke with spodumene blades from recently completed drill hole GDL22-31

## QAQC

The exploration program at Donner Lake is being supervised by Carey Galeschuk, P.Geo., who is an experienced lithium geologist with nearly 2 decades of exploration experience in the Bird River Belt with Grid Metals, Tantalum Mining Corporation of Canada and other companies. Grid Metals applies best practice quality assurance and quality control ("QAQC") protocols on all its exploration programs. For the Donner Lake Lithium Project drilling program, core was logged and sampled at the Company's core facility located on the Makwa Property. Generally, 1.0 metre sample lengths were used. Samples were bagged and tagged and then transported by secure carrier to the Actlabs (Thunder Bay) laboratory for sample preparation and analysis for lithium, cesium, tantalum and selected major and trace element abundances using a sodium peroxide fusion total digestion method followed by ICP-OES and ICP-MS analysis. The Company is using two lithium + rare metal certified reference materials ("CRMs") and an analytical blank for the program to monitor analytical accuracy and check for cross contamination between samples.

Mr. Galeschuk has reviewed and approved the contents of this press release with respect to NI 43-101 reporting guidelines.

**About Grid Metals Corp.**

Grid Metals is focused on both lithium and Ni-Cu-PGM in the Bird River area approximately 150 km north east of Winnipeg Manitoba. In addition to activity at Donner Lake the Company has a PEA stage Ni-Cu-PGM-Co project (Makwa-Mayville) undergoing exploration and development activity.

On Behalf of the Board of Grid Metals Corp.

For more information about the Company please see the Company website at [www.gridmetalscorp.com](http://www.gridmetalscorp.com) or contact:

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