

# Grid Metals Corp. Completes Resource Drilling At Donner Lake Lithium Property

# SGS Canada to Complete Resource Estimate

**April 6, 2023 Grid Metals Corp (TSXV:GRDM; OTCQB:MSMGF)** (the "Company") is pleased to announce drill results from the completion of the resource drill program at the Donner Lake Lithium Property located in southeast Manitoba which totalled 17,643 metres. The pending resource calculation for Donner Lake will include results from both the Main Dyke and Northwest Dyke. The current program of resource drilling started in October 2022.

Results reported on today are from the remaining holes at the Main Dyke. Significant intercepts from the deeper holes in the core lithium resource area at the Main Dyke include the following:

- GDL 23-57 **1.4**% over **7.0m** from 294.0 m
- GLD 23-59 **1.5% over 8.3m** from 309.4m
- GDL 23-60 **1.5% over 8.3m** from 290.7m
- GDL 23-61 **1.3% over 4.1m** from 334.2m
- GLL 23- 62 1.6% over 7.6 m from 364.8m
- GDL 23-63 1.8% over 4.6m from 344.2m
- GDL 23-64 **1.9% over 6.2m** from 349.6m

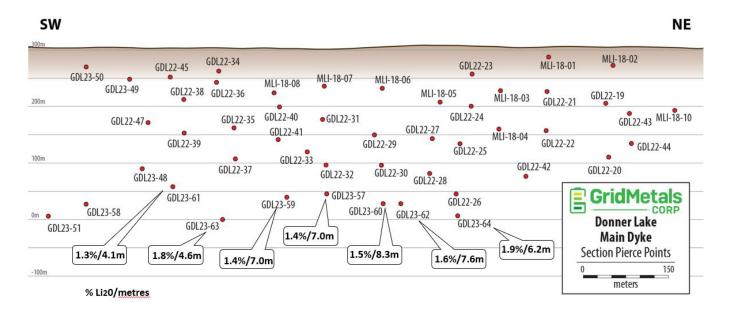
**Note:** The intersection true thicknesses are estimated to represent 50-75% of reported intersection lengths.

# Highlights

- 36 drill holes were completed in the core resource area of the Main Dyke at approximately 80 to 90 metre average spacing.
- The Main Dyke remains open at depth along an 890 metre strike length and to the northeast
- The Main Dyke has been drilled to an average vertical depth of approximately 300 metres
- The Main Dyke is near vertically dipping with consistent grade
- Mineralization noted in drill core is predominantly spodumene
- Additional spodumene-bearing pegmatites have been noted in the hangingwall and footwall of the Main dyke and these may add to the resource potential at the Main Dyke
- The deepest fence of drill holes all had grades of > 1.5% Li2O over several metres

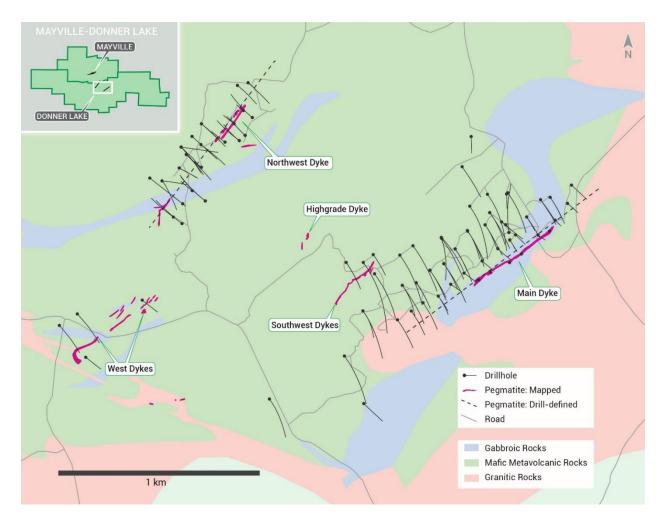
#### **Resource Drilling and Project Activities**

A total of forty seven (47) drill holes were carried out in the program at the Main Dyke which comprised 13,283 metres. Thirty six (36) drill holes were completed in the core area of the deposit and eleven (11) drill holes were completed outside the core resource area. A table of drill results from the Main Dyke from the recently completed drill holes in the core resource area are included at the end of this press release. Several of the exploration holes intercepted narrow spodumene bearing dykes. Drill data from the exploration holes is being integrated with the results of the 2022 field lithogeochemical sampling program and a drone magnetic survey completed in Q1 2023. This work is focused on generating the next exploration targets for the Property.



**Above:** Long section, looking to the northwest, for the Main Dyke and assays from recent holes drilled at depth in the core resource area.

In addition to the drilling at the Main Dyke, resource drilling has now also been completed at the Northwest Dyke along a 760 metre strike length with a total of 4,360 metres. Assay results are pending from this drilling and will be reported when received at a future date.



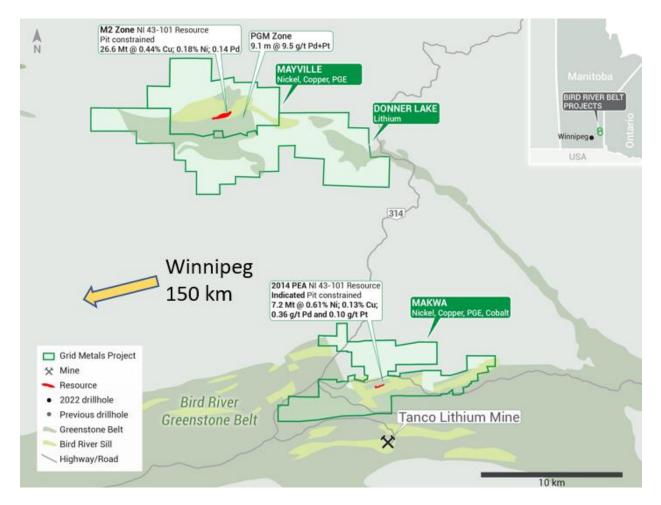
**Above**: Location of the Main Dyke and Northwest Dyke and drill hole traces from the 2018, 2022 and current drilling campaigns.

An initial **National Instrument 43-101 resource estimate** has been commissioned by the Company and will be carried out by **SGS Canada Inc.** The resource estimate is planned for completion by the end of second quarter 2023 and will facilitate future economic studies for the Donner Lake Lithium project. The focus of initial economic analysis is expected to be on toll milling of material from Donner Lake at the nearby Tanco Mine. The Company has a **Memorandum of Understanding Agreement in place with Tantalum Mining Corporation of Canada Limited** which operates Tanco. The Company believes that this approach to project development may enable a shorter path to generating initial cash flow from the Donner Lake Project.

Other activities underway at the project include ongoing environmental work and metallurgical studies of material from both the Main Dyke and the Northwest Dyke, One metallurgical study is being completed by XPS Expert Process Solutions (a Glencore Company) and a separate test program is being completed at the Tanco Mine. As well an Advanced Exploration Permit (AEP) is being finalized for submission to

regulators in Manitoba. The purpose of the AEP is to enable extraction of representative bulk samples of material to be test milled at the Tanco Mine.

The Donner Lake Lithium project is located in the traditional territory of the Sagkeeng First Nation. The Property is currently a joint venture between Grid Metals (75%) and Lithium Royalty Corp. (25%).



Above: Donner Lake project location map.

# QAQC

The exploration program at Donner Lake is being supervised by Carey Galeschuk, P.Geo., who is an experienced lithium geologist with nearly three 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 it's 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 <u>www.gridmetalscorp.com</u> or contact:

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We seek safe harbour. This news release contains forward-looking statements within the meaning of the United States Private Securities Litigation Reform Act of 1995 and forward-looking information within the meaning of the Securities Act (Ontario) (together, "forward-looking statements"). Such forward-looking statements include the Company's closing of the proposed financial transactions, sale of royalty and property interests. the overall economic potential of its properties, the availability of adequate financing and involve known and unknown risks, uncertainties and other factors which may cause the actual results, performance or achievements expressed or implied by such forward-looking statements to be materially different. Such factors include, among others, risks and uncertainties relating to potential political risk, uncertainty of production and capital costs estimates and the potential for unexpected costs and expenses, physical risks inherent in mining operations, metallurgical risk, currency fluctuations, fluctuations in the price of nickel, cobalt, copper and other metals, completion of economic evaluations, changes in project parametres as plans continue to be refined, the inability or failure to obtain adequate financing on a timely basis, and other risks and uncertainties, including those described in the Company's Management Discussion and Analysis for the most recent financial period and Material Change Reports filed with the Canadian Securities Administrators and available at <u>www.sedar.com</u>.

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Drill Hole	-	0.	-		Pegmatit			Zone Inte		Assays	, -
	Azimuth	Din									Interval (m)
	147°		217627			46.60	Interval (m) 1.93	45.23	46.07	1.7	0.84
GDL22-19	147	-45	31/02/	5610286		46.60	4.14	45.23	46.07	1.7	3.42
GDL22-20	147°	70	217627	5610286	80.90	83.05	2.15	81.46	82.83	1.7	1.37
GDL22-20	147	-70	51/02/	3010280	224.07	227.24	3.17	224.25	227.04	1.7	2.79
GDL22-21	147°	-45	217556	5610213	115.70	121.00	5.30	116.34	120.65	1.5	4.31
GDL22-21 GDL22-22	147°	-43		5610213	164.2	169.79	5.59	164.2	169.79	1.0	5.59
GDL22-22 GDL22-23	147°	-45		5610097	74.65	77.82	3.17	75.17	77.68	1.5	2.51
GDL22-24	147°	-70	314647	5610097	108.00	117.93	9.93	108.00	117.54	1.4	9.54
	4.470		047070		145.03	148.73	3.70	145.03	147.75	1.5	2.72
GDL22-25	147°	-49	31/3/2	5610239		138.46	3.02	135.88	138.12	1.14	2.24
					236.38	244.62	8.24	236.52	243.66	1.45	7.14
						260.25	4.17	256.26	259.14	1.26	2.88
GDL22-26	147°	-65	317372	5610239	189.75	192.30	2.55	190.08	192.00	1.7	1.9
					287.16	287.98	0.82	287.16	287.98	1.0	0.8
					291.50	297.43	5.93	291.50	297.43	2.0	5.9
					302.83	305.53	2.70	302.83	305.53	1.6	2.7
GDL22-27	147°	-47	317351	5610179	75.95	78.12	2.17	75.95	78.12	1.43	2.17
					216.77	218.81	2.04	216.77	218.65	1.91	1.88
					220.34	223.33	2.99	220.34	223.33	1.84	2.99
					244.08	244.56	0.48	244.08	244.56	0.45	0.48
GDL22-28	147°	-64	317351	5610180	109.39	111.43	2.04	109.39	111.43	1.73	2.04
					251.92	259.50	7.58	252.22	259.20	1.62	6.98
GDL22-29	147°	-45	317264	5610148	85.90	87.07	1.17	86.25	86.90	1.32	0.65
					221.15	222.65	1.50	221.65	222.65	0.52	1.00
					224.35	225.2	0.85	224.35	225.2	0.66	0.85
					226.48	229.85	3.37	226.48	228.22	1.5	1.74
GDL22-30	147°	-58	317264	5610148	105.95	107.60	1.65	106.28	107.60	1.88	1.32
					250.37	257.85	7.48	251.36	257.15	1.78	5.79
GDL22-31	147°	-47	317203	5610058	24.80	25.60	0.80	24.80	25.40	1.28	0.60
						192.83	5.94	186.89	192.83	1.25	5.94
GDL22-32	147°	-65	317203	5610058	38.10	38.85	0.75	38.10	38.85	1.64	0.75
000000	2.17	0.0	01/200	5010050	229.88	237.70	7.82	229.97	236.77	1.44	6.80
GDL22-33	147°	-45	317136	5610117	110.27	111.28	1.01	110.27	111.28	1.76	1.01
					251.87	253.47	1.60	251.87	253.47	1.15	1.60
					254.47	259.7	5.23	254.47	259.7	1.13	5.23
GDL22-34	147°	-45	317109	5609841	50.50	54.30	3.80	50.82	54.30	1.56	3.48
GDL22-35	147°	_		5609956		180.25	5.54	175.00	179.95	1.25	5.24
GDL22-36	147°	-65		5609841	60.6	64.5	3.90	60.77	64.30	1.8	3.5
GDL22-37	147°	_		5609956		222.08	8.55	213.53	222.08	1.57	8.55
		cludir		5005550	215.38	222.08	6.70	215.38	222.08	1.93	6.70
GDL22-38	147°	-45		5609910	138.75	143.5	4.75	139.40	143.37	1.54	3.97
GDL22-39	147°	-65		5609910		170.13	1.72	168.41	170.13	1.26	1.72
0011100	2.17	00	01/000	5005510	171.73	176.5	4.77	171.73	176.3	1.44	4.57
GDL22-40	147°	-45	317140	5610000		155.34	3.94	151.50	155.34	1.68	3.84
GDL22-41	147°	_		5610000		183.7	5.80	178.27	183.47	1.76	5.20
GDL22-42	147°	-55		5610340		215.93	3.93	212.36	215.70	1.81	3.34
		55	22/4/0	2010340	295.07	300.32	5.25	295.35	299.73	1.51	4.38
GDL22-44	147°	-65	317672	5610320		192.08	1.54	190.54	192.08	1.14	1.54
		55	52.072		212.00	213.88	1.88	212.00	213.00	1.14	1.00
GDL22-45	147°	-45	317030	5609810	74.55	77.92	3.27	74.55	77.92	1.13	3.37
GDL22-43	147°	-45		5609900	187.58	191.38	3.80	187.68	191.38	1.46	3.70
GDL22-47 GDL23-48	147°	-65		5609900	236.06	241.00	4.94	236.06	240.73	1.53	4.67
55125-40		55	510550	2003300	294.20	295.10	0.90	294.20	295.10	0.74	0.90
GDL23-49	147°	-45	316970	5609771	80.50	82.98	2.48	81.47	82.52	1.62	1.05
GDL23-49 GDL23-57	147 138°	-43		5610130	144.80	145.45	0.65	144.80	145.45	1.02	0.65
30123-37	130	-00	31/132	2010120		145.45		144.80	145.45		
					147.55 293.85	301.70	0.75 7.85	294.00	301.00	1.31 1.45	0.75 7.00
GDI 22 50	1640	_ E 0	217122	5610120	309.44			309.44			
GDL23-59	164°	-58		5610130		318.10	8.66		317.77	1.56	8.33
GDL23-60	149°	-67	51/263	5610160	130.60	132.37	1.77	130.88	131.88	1.35	1.00
					148.13	150.15	2.02	148.13	149.00	1.63	0.87
00100.01	4.470	5.0	24 6 2 2 5	FC4005-	290.20	299.82	9.62	290.70	299.07	1.63	8.37
GDL23-61	147°	-50	316923	5610050	334.21	338.34	4.13	334.21	338.34	1.31	4.13
					341.45	342.75	1.30	341.45	342.75	0.60	1.30
GDL23-62	148	-55	317279	5610280	268.25	269.69	1.44	268.25	269.20	0.57	0.95
					364.70	372.60	7.90	364.80	372.40	1.60	7.60
GDL23-63	146	-53		5610094	344.51	349.13	4.62	344.51	349.13	1.79	4.62
				=	1 270 45	200 22	1.77	278.56	280.05	0.93	1.49
GDL23-64	146°	-55	317369	5610336	278.45	280.22	1.//	270.50		0.55	1.13
	146°	-55	317369	5610336	278.45 346.16 363.93	356.00 366.19	9.84 2.26	349.60 363.93	355.77 366.19	1.88 1.01	6.17 2.16

Appendix: Length-weighted Average Lithium Intersections for the Main Dyke.