Radisson files NI 43-101 for the O’Brien gold project Resource Estimate on SEDAR

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ROUYN-NORANDA, April 17, 2023 - Radisson Mining Resources Inc. (TSX-V: RDS, OTC: RMRDF): ("Radisson" or the "Company") is pleased to announce the filing of an independent technical report in accordance with National Instrument 43-101 - *Standards of Disclosure for Mineral projects* ("NI 43-101") on its 100% owned O'Brien gold project. The technical report entitled "*Technical Report for the O'Brien project, Northwestern Québec, Canada*" and dated April 14, 2023 (with an effective date of March 2, 2023) has been prepared for Radisson by SLR Consulting (Canada) Ltd. The technical report is available on SEDAR (www.sedar.com) under Radisson's issuer profile.

Press release highlights:

- Indicated resources increased 58% to 1,517,000 tonnes grading 10.26 g/t Au for 501,000 ounces using a 4.5 g/t gold cut off grade.
- Inferred resources increased 167% to 1,616,000 tonnes grading 8.64 g/t Au for 449,000 ounces using a 4.5 g/t gold cut off grade.
- A large portion of the Indicated and Inferred resources added have been defined within the same vertical footprint as the previous resource estimate.

The new Mineral Resource Estimate ("MRE") is based on (see 3D video):

- 127,600 m of additional drilling since last update in July 2019. (see Figure 1)
- The inclusion of the O'Brien West area (including 8,060 m of historical drilling)

Given current geological understanding and refinement of the geological model, the company estimates there is strong potential for additional high-grade gold trends to be discovered along the 5.2 km prospective land package on the prolific Larder-Lake Cadillac Break ("LLCB"). Mineral resources are open for an additional 750 m to the East and underexplored for 2.5 km to the West of the former O'Brien mine. The continuity of mineralized zones along steeply plunging trends (80° to 85°) provides good predictability for resource growth and exploration potential. (see Figure 2)

Significant potential to expand resources with additional drilling as currently modeled high-grade trends drilled since 2019 in the current resource areas are wide open:

- Trend #0: Open to the West and below 750 m
- Trend #1: Open laterally and below 950 m
- Trend #2: Open laterally and below 900 m
- Trend #3: Open laterally and below 500 m
- Trend #4: Open laterally and below 500 m

Table 1. O'Brien gold project
March 2023 Resource Estimate Compared to July 2019

Cut-off Grade	O'Brien deposit	Indicated resources			Inferred resources		
		Tonnage	Grade	Metal	Tonnage	Grade	Metal
	Resource date	(t)	(g/t Au)	(oz Au)	(t)	(g/t Au)	(oz Au)

4.5 g/t Au	July 2019[1]	1,115,000	8.85	318,000	777,000	6.73	168,000
	March 2023	1,517,000	10.26	501,000	1,616,000	8.64	449,000
	Increase	+402,000 +36%	+1.41 +16%	+183,000 +58%	+839,000 +108%	+1.91 +28%	+281,000 +167%
3.0 g/t Au	July 2019[1]	1,906,000	6.67	409,000	1,500,000	5.29	255,000
	March 2023	2,118,000	8.46	576,000	3,668,000	5.79	683,000
	Increase	+212,000 +11%	+1.79 +27%	+167,000 +41%	+2,168,000 +144%	+0.51 +10%	+428,000 +168%

Source 1. Grade sensitivity table published in the NI 43-101 Technical report for the O'Brien project, Abitibi, Québec, 3D Geo-solution, July 15, 2019

A 3D video of the O'Brien gold project and the Mineral resource estimate is available here.

Figure 1. O'Brien gold project, longitudinal section looking North - 2023 Mineral resource estimate at a 4.5 g/t Au cut-off grade

Figure 2. O'Brien gold project, O'Brien East longitudinal section looking North - 2023 Mineral resource estimate at a 4.5 g/t Au cut-off grade

O'Brien March 2023 MRE: Significant increase with 127,600 m of new drilling

A total of 127,600 m of new drilling was completed from late 2019 to mid 2022 at O'Brien and incorporated into the resource estimate announced today. This is the first resource estimate at the project since the Company established O'Brien as one of the highest-grade undeveloped gold projects in Quebec and outlined the opportunity for resource expansion by targeting the steeply plunging high-grade mineralized shoots located east of the old O'Brien mine. Most of the drilling conducted as part of the 2019-2022 campaign has focused on a 1.2 km portion of the more than the 5.2 km of prospective strike that Radisson controls along the LLCB.

Total Indicated ounces at a 4.5 g/t Au cut-off grade have increased by 58% compared to the previous resource estimate. This increase is very positive since the majority of the Indicated ounces added have been defined within the same vertical footprint as the previous resource estimate. This demonstrates the Company's success at converting Inferred resources into the Indicated category.

Furthermore, total Inferred ounces at a 4.5 g/t Au cut-off grade have increased by 167% compared to the previous resource estimate. This increase is mainly explained due to the success of the drilling program in the extension of Trend #1 and #2 (Figure 2). The conversion success obtained at shallower depth suggests the strong conversion potential for the Inferred resources on those two trends. The Company notes that additional drilling below 550 m on those trends could convert additional Inferred resources to Indicated resources. Such conversion is expected to increase the average grade given the higher average grade for Indicated resources defined using a reduced drill spacing.

Significant potential to expand resources as a large part of the longitudinal footprint including the mineralized zones has not been drilled between surface and 1,000 m vertical depth. The drilling completed by the Company has continued to validate the geological interpretation while expanding current resources laterally and well below the previous boundary of defined resources in five main trends that remain open for expansion laterally and at depth.

O'Brien West (Including former New Alger property):
Exploration potential for future trends / Re-interpretation and resource modelling

Modelling and re-interpretation of drilling data available on the LLCB portion of the New Alger property (now part of O'Brien West) has allowed to establish Inferred resources totalling 293,000 tonnes grading 7.59 g/t Au for 72,000 ounces.

With approximately 2.5 km of ground along the prolific Larder-Lake-Cadillac Break having seen limited exploration work in recent years, O'Brien West also remains open in all direction.

Mineral Resource Estimate for the O'Brien project was prepared by SLR Consulting (Canada) Ltd. ("SLR") using available drill hole sample data as of June 2, 2022. The Mineral Resource estimate is based on 1,079 drill holes representing 299,200 m of drilling, and 120,352 assay samples.

Mineralized wireframes representing vein structures were prepared in Leapfrog Geo software by Radisson and reviewed and adopted by SLR. Wireframes were defined using a nominal true thickness of 1.2 m. Block model estimates were completed using Leapfrog Edge software using full-length composites and a multi-pass inverse distance cubed interpolation approach. The resource estimation details will be discussed in the Technical report. The MRE at a 4.5 g/t gold cut-off grade is shown in Table 2.

Table 2. O'Brien gold project
Mineral Resource Estimate, March 2, 2023

Cut-off Grade	Indicated resources			Inferred resources		
	Tonnage (t)	Grade (g/t Au)	Metal (oz Au)	Tonnage (t)	Grade (g/t Au)	Metal (oz Au)
4.5 g/t Au	1,517,000	10.26	501,000	1,616,000	8.64	449,000

Notes

1. *CIM (2014) definitions were followed for Mineral Resources.*
2. *Mineral Resources are reported above a cut-off grade of 4.5 g/t Au based on a C$230/t operating cost and 1.25 exchange rate.*
3. *Mineral Resources are estimated using a gold price of US$1,600/oz Au and a metallurgical recovery of 85%.*
4. *Bulk density varies by deposit and lithology and ranges from 2.00 t/m³ to 2.82 t/m³.*
5. *Vein wireframes were modelled at a minimum width of 1.2 m.*
6. *A 40 g/t Au capping level was applied.*
7. *Mineral Resources that are not Mineral Reserves do not have demonstrated economic viability.*

Table 3. Sensitivity Analysis O'Brien gold project
Mineral Resource Estimate, March 2, 2023

Cut-off Grade	Indicated resources			Inferred resources		
	Tonnage (t)	Grade (g/t Au)	Metal (oz Au)	Tonnage (t)	Grade (g/t Au)	Metal (oz Au)
6.0 g/t Au	1,012,000	12.80	417,000	945,000	11.12	338,000
5.0 g/t Au	1,313,000	11.12	470,000	1,334,000	9.46	406,000
4.5 g/t Au	1,517,000	10.26	501,000	1,616,000	8.64	449,000
4.0 g/t Au	1,770,000	9.40	535,000	2,007,000	7.78	502,000
3.5 g/t Au	2,065,000	8.59	571,000	2,522,000	6.96	564,000
3.0 g/t Au	2,118,000	8.46	576,000	3,668,000	5.79	683,000

**All Indicated and Inferred resources classified at Cut-off-grade of 4.5 g/t Au*

Qualified Person

Vivien Janvier, P.Geo., Ph.D., Director, Geology for Radisson is the Qualified Person pursuant to the requirements of NI 43-101. Mr. Luke Evans, M.Sc., P.Eng., ing., from SLR Consulting (Canada) Ltd., is responsible for the completion of the resource update at O'Brien and is an independent QP as defined by National Instrument 43-101. The Company's QP have reviewed the technical content of this release.

[Radisson Mining Resources Inc.]

Radisson is a gold exploration company focused on its 100% owned O'Brien project, located in the Bousquet-Cadillac mining camp along the world-renowned Larder-Lake-Cadillac Break in Abitibi, Quebec. The Bousquet-Cadillac mining camp has produced over 21,000,000 ounces of gold over the last 100 years. The project hosts the former O'Brien Mine, considered to have been Quebec's highest-grade gold producer during its production.

For more information on Radisson, visit our website at www.radissonmining.com or contact:

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Forward-Looking Statements

All statements, other than statements of historical fact, contained in this press release including, but not limited to, those relating to the intended use of proceeds of the Offering, the development of the O'Brien project and generally, the above "About Radisson Mining Resources Inc." paragraph which essentially describes the Corporation's outlook, constitute "forward-looking information" or "forward-looking statements" within the meaning of applicable securities laws, and are based on expectations, estimates and projections as of the time of this press release. Forward-looking statements are necessarily based upon a number of estimates and assumptions that, while considered reasonable by the Corporation as of the time of such statements, are inherently subject to significant business, economic and competitive uncertainties and contingencies. These estimates and assumptions may prove to be incorrect. Many of these uncertainties and contingencies can directly or indirectly affect, and could cause, actual results to differ materially from those expressed or implied in any forward-looking statements and future events, could differ materially from those anticipated in such statements. A description of assumptions used to develop such forward-looking information and a description of risk factors that may cause actual results to differ materially from forward looking information can be found in Radisson's disclosure documents on the SEDAR website at www.sedar.com.

By their very nature, forward-looking statements involve inherent risks and uncertainties, both general and specific, and risks exist that estimates, forecasts, projections and other forward-looking statements will not be achieved or that assumptions do not reflect future experience. Forward-looking statements are provided for the purpose of providing information about management's endeavours to develop the O'Brien project and, more generally, its expectations and plans relating to the future. Readers are cautioned not to place undue reliance on these forward-looking statements as a number of important risk factors and future events could cause the actual outcomes to differ materially from the beliefs, plans, objectives, expectations, anticipations, estimates, assumptions and intentions expressed in such forward-looking statements. All of the forward-looking statements made in this press release are qualified by these cautionary statements and those made in our other filings with the securities regulators of Canada. The Corporation disclaims any intention or obligation to update or revise any forward-looking statements or to explain any material difference between subsequent actual events and such forward-looking statements, except to the extent *required by applicable law.*