Resouro Strategic Metals Inc. 35km and 18km Step-out Drilling Indicates Consistency of High Grade and Size Potential

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Tiros Central Block Resource Definition Drilling continues to deliver consistent High-Grade Results

Toronto, April 1, 2024 - Resouro Strategic Metals Inc. (TSXV:RSM) (OTC:RSGOF) (FSE :BU9) ("Resouro" or the "Company") is pleased to provide an update on activities at the Tiros Rare Earths and Titanium project in Brazil ("Tiros Project").

Resouro has received additional assay results from Resource Definition Drilling and Regional Exploration Drilling from the 450 km2 Tiros Project. The resource target at Tiros is the Cabacete Formation that is at surface or near surface, flat lying layer of transported volcanoclastic material extends over 71 km in length. Resouro has acquired what we believe to be all of the potentially economically interesting parts of the Capacete Formation that are available based on access to an exploration database compiled over the past 14 years.

Exploration

Hole ID

Resouro has focused on Resource Definition Drilling on Tiros central mineral rights section of the Tiros Project. This represents 9% of the 450 km2 project. The latest drilling results together with the announcements of March 13, 2024 and January 18, 2024 reaffirm the consistency of grades and orebody thickness of the deposit previously found.

The following exploration holes were drilled at the São Gotardo and Tiros North blocks, showing that the mineralized thickness and TiO2 and TREO grades are similar to the ones observed at Tiros Central. Selected intervals from the results received from those holes are depicted in the table below.

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ACTIR-39 AC	6	16 10.0	9.34 4,867	1,432	Tiros North

TYPE FROM TO Thickness TiO2 TREO ppm NdPr ppm Target

ACTIR-40 AC	47	51 4.0	14.94 6,612	980	Tiros North
ACTIR-41 AC	6	12 6.0	18.02 7,565	1,616	Tiros North
Includes AC	7	12 5.0	18.80 8,380	1,889	Tiros North
ACTIR-42 AC	17	35 18.0	18.45 6,417	1,149	Tiros North
Includes AC	17	24 7.0	19.27 7,702	1,271	Tiros North
ACTIR-43 AC	47	53 6.0	22.28 9,713	2,042	Tiros North
ACTIR-46 AC	41	53 12.0	14.42 4,332	1,007	São Gotardo
ACTIR-48 AC	24	41 17.0	11.60 4,746	1,065	São Gotardo
ACTIR-50 AC	13	32 19.0	11.55 3,443	658	São Gotardo

Table ?1 Recent Assay Results from the Tiros Central block exploration program showing globally significant

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grades and orebody thickness

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These holes represent a step out of 18km to the North and 35 km to the South of the Central Block, confirming that the Capacete Formation is highly consistent in terms of High TiO2 and High TREO grades over a strike of more than 60 km. Resouro is yet to receive assay results from drilling on the Campo Alto block, but geophysics and surface mapping indicate similar geology. Recent Assay results

from drilling at the Tiros Central Block continue to demonstrate elevated near surface TiO2 and TREO grades over consistently thick intercepts. (See Table Above)

Commenting on the latest drilling and assay results and exploration update for the Tiros Project, CEO and President of Resouro, Chris Eager, commented:

"The continuously high levels of TREO, NdPr and TiO2 grades reported at the Tiros Central block are highly encouraging. These results and further samples awaiting lab analysis will help us produce a geological resource model and estimate a Maiden JORC Resource for Tiros Central. Early results from Sao Gotardo and the Tiros North blocks are consistent with results from the Tiros Central Block, supporting a seemingly homogeneous ore body over a least a 53 km Strike. This drilling further confirms the high grade and massive size potential of Tiros project as a whole."

Quality Assurance Quality Control

A QA/QC program is in place for every batch of samples sent to the laboratory including blanks, different types of standards, for REE and titanium, and field duplicates. Further, a number of samples in each batch are later chosen for testing in a secondary laboratory and in the primary laboratory, as pulp or coarse duplicates.

Qualified Person

The technical content of this news release has been reviewed and approved by Rodrigo Mello B.Sc. Geology, FAusIMM and a qualified person as defined by National Instrument 43-101. Mr Mello has reviewed and verified the drilling and assay data included in this announcement.

On behalf of the Board of Directors, Chris Eager, President & CEO Resouro Strategic Metals Inc.

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Forward-Looking Information

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This news release contains certain "forward-looking information" within the meaning of applicable securities law. Forward-looking information is frequently characterized by words such as "plan", "expect", "project", "intend", "believe", "anticipate", "estimate" and other similar words, or statements that certain events or conditions "may" or "will" occur. In particular, this news release includes forward-looking information regarding exploration and drilling activities, the potential for Tiros to be an industry leading project and the Company's plans relating to metallurgical testwork and further technical studies. Although we believe that the expectations reflected in the forward-looking information are reasonable, there can be no assurance that such expectations will prove to be correct. We cannot guarantee future results, performance or achievements. Consequently, there is no representation that the actual results achieved will be the same, in whole or in part, as those set out in the forward-looking information.

Forward-looking information is based on the opinions and estimates of management at the date the statements are made and are subject to a variety of risks and uncertainties and other factors that could cause actual events or results to differ materially from those anticipated in the forward-looking information. Some of the risks and other factors that could cause the results to differ materially from those expressed in the forward-looking information include, but are not limited to: general economic conditions in Canada and globally; industry conditions, including governmental regulation and environmental regulation; failure to obtain industry partner and other third party consents and approvals, if and when required; the need to obtain required approvals from regulatory authorities including TSX Venture Exchange; stock market volatility; liabilities inherent in the mining industry; competition for, among other things, skilled personnel and supplies; incorrect assessments of the value of acquisitions; geological, technical, processing and transportation problems; changes in tax laws and incentive programs; failure to realize the anticipated benefits of acquisitions and dispositions; and the other factors. Readers are cautioned that this list of risk factors should not be construed as exhaustive.

The forward-looking information contained in this news release is expressly qualified by this cautionary statement. We undertake no duty to update any of the forward-looking information to conform such information to actual results or to changes in our expectations except as otherwise required by applicable securities legislation. Readers are cautioned not to place undue reliance on forward-looking information.

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