The Resouro Tiros Play: Zero-Cost Rare Earths, High-Margin Titanium in Brazil

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June 10, 2025 – “Imagine mining rare earth elements at zero cost,” Christopher Eager declared in an interview with InvestorNews host Tracy Hughes, positioning Resouro Strategic Metals Inc. (ASX: RAU | TSXV: RSM | OTCQB: RSGOF) as a disruptor in the global critical minerals race. Speaking from Quebec City, the company’s executive chairman explained that Resouro’s Tiros Project in Minas Gerais, Brazil, is designed to profit from titanium dioxide pigment sales while treating its rare earth oxides as a by-product. “Our business model is to mine and process titanium dioxide at a profit, and our rare earths become a credit, so effectively the cost of production for rare earths would be zero,” he said.

Mr. Eager underscored the scale and grade of the Tiros resource, calling it “a 40-metre-thick layer which extends for 71 kilometres at surface or near surface,” with 1.9 billion tonnes of measured-plus-indicated material averaging 12 percent titanium dioxide and more than 4,000 parts per million total rare earth oxides (REO). Within that lies an enriched horizon of 130 million tonnes grading 24 percent titanium dioxide and roughly 9,000 ppm REO—“three times the tonnage and three times the grade of a typical standalone rare earth project,” he noted. Because titanium’s $22 billion pigment market is dispersed among many producers, “no one player can manipulate the price,” Mr. Eager observed, adding that China’s share is small and that the country has even banned certain titanium dioxide exports after dumping allegations.

Resouro promotes Tiros as an environmentally advanced development. Brazil's streamlined permitting, plentiful hydroelectric power, and established mining service hub in Belo Horizonte are "a tremendous advantage," Mr. Eager told viewers, pointing out that the project sits "three hours north of Belo Horizonte" and adjacent to the world's largest niobium mine and the state's new Lithium Valley. Ore can be "free-digging, no drilling, no blasting," and will be mined and back-filled in strips, he said. The company's newly announced metallurgical program, outlined in a May 5 news release, embraces Fusion Sulphuric Acid Leach technology to "take 100 percent of the ore, heat it and leach it," converting more than 90 percent of the feed into saleable titanium, iron, alumina and rare earth products while potentially eliminating conventional tailings facilities—an innovation Brazilian regulators view favorably after the region's dam disasters. "We're positioning the company to deliver superior returns through higher product recoveries, reduced capital intensity, and lower environmental risk," Mr. Eager told shareholders in that release.

With a market capitalization hovering near C$17 million, Mr. Eager sees a "big disconnect between the market cap and the intrinsic value of the project." He expects near-term catalysts to include additional metallurgical results, a preliminary economic assessment once the flow sheet is locked, and an expanded investor awareness campaign. "We've drilled only about seven percent of the mapped area," he reminded the audience, "yet we already host one of the world's largest titanium and rare earth resources."

To access the complete interview, click here

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About Resouro Strategic Metals Inc.

Resouro Strategic Metals Inc. is a Canadian-based mineral exploration and development company focused on the discovery and advancement of economic mineral projects in Brazil, including the rare earth elements and titanium Tiros Project and the Novo Mundo and Santa Angela gold projects.

The Tiros Project, located in northern Minas Gerais, Brazil, is an exploration project focused on rare earth elements and titanium covering an area of approximately 450 km2. The Tiros Project comprises 17 exploration permits, and one exploration permit application held by the Company's Brazilian subsidiary; and 6 exploration permits and one exploration permit application that have been validly assigned to the Company's Brazilian subsidiary and are awaiting ANM approval. The Company holds, via its wholly owned Brazilian subsidiary, a 90% interest in the Tiros Project and the remaining 10% interest in the Tiros Project is held by RBM Consultoria Mineral Eireli (RBM), an unrelated third-party vendor.

The Novo Mundo Project is located in the Alta Floresta Gold Province close to the northern border of the state of Mato Grosso, central Brazil. Within the licensed area is the small town of Novo Mundo, which is 30km west from the larger town of Guaranta do Norte. It comprises three exploration permits. The Company also has another interest in an exploration permit, being the Santa Angela Project, which is not considered material to the Company's operations. Interests in the Novo Mundo Project and Santa Angela Project are held via the Company's wholly owned subsidiary.

To learn more about Resouro Strategic Metals Inc., click here

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