CVMR’s Michael Hargett Reveals the Future of Critical Minerals: Driving Global Innovation with Advanced Refining Technologies

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March 15, 2025 – CVMR (USA) stands as a dynamic powerhouse at the cutting edge of metal refining, revolutionizing global supply chains with transformative technologies critical to aerospace, defense, medical, and industrial applications. In a compelling PDAC 2025 interview conducted by InvestorNews.com host Tracy Hughes, CVMR’s President Michael Hargett, an industry visionary with over 36 years of leadership experience, highlighted the company’s unmatched capabilities in refining nickel, cobalt, tantalum, and rare earth elements. Under Hargett’s strategic leadership, CVMR employs proprietary processes that deliver approximately 25% of the world’s refined nickel, reaffirming its position as an essential global supplier and innovator in critical minerals.

At the core of CVMR’s mission is a decisive focus on strategically vital minerals essential for technology-driven sectors and national security. Emphasizing this commitment during his discussion with Tracy Hughes, Hargett identified nickel as a cornerstone of CVMR’s operations, stating unequivocally, “Number one on our list is nickel. This is a strength for us.” Moreover, despite geopolitical challenges, CVMR continues to prioritize cobalt from the Congo, navigating complexities with a clear strategic vision while pioneering

advanced chemical vaporization techniques for rare earth element extraction that promise industry-changing results.

Distinctively, CVMR has positioned itself as an industry leader in tantalum refining, a critical yet often overlooked metal indispensable to aerospace engineering and medical technology. As Hargett detailed, “Tantalum is quite a performer,” emphasizing its unparalleled biocompatibility and durability, qualities that make it uniquely suited for advanced medical implants and precision aerospace components. This specialized focus underscores CVMR’s exceptional capability to identify, refine, and commercialize resources that are integral to technological innovation.

Committed to harnessing North America’s extensive yet underdeveloped mineral resources, CVMR advocates strongly for regional investment and development. Aligning with expert opinions from industry leaders such as Jack Lifton and Dr. Ned Mamula, Hargett confidently asserted to Hughes that North America’s wealth in critical minerals is pivotal for future global supply chains, declaring, “We simply have to commit to invest…and we’re going to reap a great wealth of value from that.” CVMR is thus not only leading technological advancement but actively shaping strategic direction for sustainable resource management on the global stage.

To access the complete interview, click here