Press Release

CVMR® Corporation, Ore2Metal Inc. and AGL Mining Engineering Ltd., have entered into an agreement to create a major mining and refining amalgamated operation, vertically integrated to create a unique system that is completely neutral to the environment, from mining, beneficiation, refining, and reclamation of some 36 different metals, including the Transition Metals, and Rare Earth Elements (REE) from various laterites and sulfide ore bodies, tailings, or low-grade deposits.

This is the first time in the history of mining and refining of metals that such a comprehensive system, neutral to the environment, implementing sustainable mining and reclaiming legacy tailings and refining low-grade sulfide and lateritic mineral resources has been established. This is an advanced integrated mining practice, mineral concentration (beneficiation) and vapour metallurgy refining of all Critical Metals and more. This collaboration has established initiatives in the United States, Canada, EU, and Turkey offering its environmentally neutral mining and refining processes with zero hazardous waste, all the way from the mining to high purity metal production.

The companies were brought together to create this unique approach to mining and refining under the CVMR® umbrella each with its own proprietary expertise.

The combined proprietary processes and technologies of these companies is applied to sulfide and laterite mines, low grade marginal ores and legacy mineral tailings. “This is a low-cost eco-friendly strategic initiative that taps into non-conventional resources to bridge major current gaps in demand for various metals,” stated Kamran M. Khozan, Chairman and CEO of CVMR® group of companies, at a press release interview.

“With our technological collaboration, we can finally tap into various marginal resources and legacy tailings that are presently considered uneconomical. This will be a major step forward in alleviating the uncertainty surrounded around the future supply of critical metals for the emerging green economy,” announced Dr. Barun Gorain, CEO of Ore2Metal.

CVMR Corporation

CVMR® is a Canadian Corporation engaged in metal refining and manufacture of high value metals, metal alloys, and super alloys directly from laterite or sulfide ore concentrates, scrap metals, and mattes, mostly in nickel, iron, cobalt, copper, vanadium, manganese, chromium scandium, REE, PGE, tantalum, and molybdenum, altogether some 36 different metals.

Over the past 37 years, CVMR® has developed unique series of processes and technologies for refining of Transition Metals from which metals it manufactures various metal products. CVMR®'s technologies are based on proven methods some of which were invented some 130 years ago and which supply about 25% of world's nickel and 15% of world's iron products today.

Some of the chemistry is old, but CVMR®'s processes and technologies are new, proprietary, and currently in use in Canada, United States, Germany, China, Russia, India and South Africa. Norilsk, BASF, and Vale/Inco also use similar processes in refining their nickel and iron, but their systems use very high pressure, consume substantial energy, require high grade ore, and cannot refine various metals from the same ore compound, in the same throughput.

CVMR® refines various metals by chemically vaporizing them at relatively low pressure and relatively low temperatures. It simultaneously manufactures various metal powders, net shapes, super alloys and metal parts, as part of the same continuous process. The process does not melt the metals as is done in the usual smelting (pyrometallurgy) processes. It does not use acids as is done in acid leach processes (HPAL). CVMR®'s plants are pollution free and completely neutral to the environment. They create no air, water, or soil pollution of any kind. CVMR®'s plants are hermetically sealed, and all gases used in the process of vaporizing the metals are recycled.

All CVMR® refining/manufacturing plants are built on a modular basis, enabling a substantial degree of flexibility, allowing a plant to be built and to expand gradually, in different phases. Each phase is self-sufficient and pays off its own capital cost in less than three years and continues to operate as a module within the larger, fully integrated operation for the entire life of the plant, estimated to be well over 40 years. Each module is capable of processing different ore concentrates or metal scraps and hence manufacture various metal products for diverse markets.

CVMR®'s refining/manufacturing processes are capable of producing pure metal products with very high degree of purity. Moreover, they produce products for final

consumption without a need for further enhancement, e.g., various metal powders for use in batteries, 3D Printing, aerospace and automotive parts manufacturing, nano-powders, medical instruments, computer parts, electronic parts, molds and tools, super alloys, complex net shapes for use in the defense and aerospace industries, etc.

All such output, inevitably attract highly valued sophisticated industries with high paying industrial jobs as secondary industries that CVMR®'s products can feed into, enhancing the country's economy far beyond the value added to the mined and recycled metals. It creates an export market for value added products and establishes long term professional jobs in various regions of the host country, help expand many industries and create new ones.

The advantages CVMR® operations bring to a region, such as the manufacture of high value finished products, the technical training and employment of high paying professional engineers and technicians, as well as the creation of many high-tech secondary industries, based on the product output from the CVMR® plants, are quite substantial in scope, economic impact, and generation of a broad base of income for governments.

www.cvmr.ca

Ore2Metal Inc.

Ore2Metal is a Canadian company with operations in Canada, US, South America, Australia, and India. It provides advanced eco-efficient concentration (beneficiation) technologies for production of strategic and precious metals.

It specializes in concentration of metal recovery from low grade marginal ore bodies as well as from mine tailings & smelter residues. Concentration is the key for any economic recovery of metals from a marginal ore or mine tailings. Concentration enables enrichment of metal values from a deposit into a higher-grade concentrate requiring a smaller footprint of processing plant for metal refining. This allows a lower operating and capital cost along with minimal waste production.

Conventional metal extraction technologies viz. hydrometallurgy and pyrometallurgy use large quantities of acids and toxic chemicals during processing which culminate in generation of hazardous effluents, gases, and residues. Many of these processing methods are carried out on average to high grade ores as concentration is often challenging for low-grade deposits, making the low-grade ore or recovery from mine tailings capital intensive with high operating costs along with the need to neutralize the toxic wastes generated from these conventional technologies.

Ore2Metal's advanced, proprietary concentration technology allows a cost-effective solution to enrich the low-grade resources (both sulfides and oxides) into a higher-grade concentrate making it possible to recover various metals economically. The concentrate generated can then be processed using CVMR's vapour metallurgy for production of high purity metals with no generation of any hazardous waste.

This joint technology collaboration will target various critical metals including nickel, cobalt, lithium, rare earths elements, gold, and silver, altogether some 36 different metals.

www.ore2metal.ca

AGL Mining Engineering Ltd.

AGL is a mining engineering firm established in Turkey with the goal to provide low-impact mining solutions to the mining community. AGL has experience in mining majority of Transition Metals and rare earth elements (REE) in Europe, Asia, and Africa. Focusing on Sustainability in proving the reserves, mine planning and implementation. AGL builds on the philosophy of sustainable mining from initial research, proof of mine viability to production. Sustainable mining is the minimization of negative environmental, social, and economic impacts associated with mining and processing activities. AGL is a leader in and dedicated to implementing and promoting "sustainable mining."

In order to be more environmentally sustainable, mining operations are increasingly conducted in a manner that minimizes their impact on the surrounding environment and leaves mine sites in an acceptable state for re-use by people or ecosystems.

Traditional mining activities at every stage of the mine cycle, consist of exploration, construction, operation, closure, and post-closure clearing of the native vegetations for the construction of buildings, roads, and powerlines. Open pits or tunnels are dug to gain access to the desired ore, and waste storage facilities such as tailings ponds are expanded over the life of the mine, potentially leading to habitat loss and deforestation.

There are several ways to reduce the land-use impacts of mining. These include reducing the overall footprint of the mining area, minimizing the amount of waste produced and stored, maintaining biodiversity by transplanting or culturing any endangered plants found on site, and planning mines around existing infrastructure where possible. The new methods, also known as "Biomining" practiced by AGL offer the possibility of mining with minimal land disruption.

Mining is a relatively temporary activity, and mine sites have finite operating lives which are determined by the size and quality of the ore deposit being mined. and closure activities aim to restore land disturbed by mining activities to an acceptable state for re-use by people or ecosystems. These include:

- Reusing of mining waste,
- Use of eco-friendly equipment and processes,
- Rehabilitation of mining sites,
- Assisting governments in shutting down illegal mining and using alternative low-impact mining techniques.

AGL provides the following services at the mine site:

- Topography Visualization and 3D Modeling, including Georadar and Geophysical modeling to produce complete surface and underground maps of the mine site,
- Sample studies and drill planning,
- Drilling management, resource and reserve calculation
- Composing NI-43-101 or JORC code reports and providing Bankable Feasibility Studies to prove mineral contents of a mine,
- EPCM and Facility Planning and excavation and mining of the ore,
- Basic and Detail Engineering, Procurement,
- Mine Management Consultancy.

www.aglmining.com