



A Company Specializing in Environmental Protection and Remediation Technologies

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For Immediate Release

**FOLLOWUP TESTING CONFIRMS HIGH NICKEL RECOVERY
FROM MINE TAILINGS**

**ExtrEL REPRESENTS ECONOMIC SOLUTION
FOR NICKEL RECOVERY FROM MINE TAILINGS**

ENPAR is pleased to report that additional testing of its ExtrEL Leaching Technology conducted on nickel mine tailings during the past 4 months, has confirmed its earlier findings. The testing resulted in nickel recovery ranging from 58% to 77%. The company is extremely excited that it can now duplicate the results on demand.

ENPAR initially reported in December that leaching of up to 77% of the nickel contained in samples of nickel mine tailings grading up to 1.2% Ni was obtained while employing its ExtrEL Technology.

Optimization of the ExtrEL leaching process is scheduled to begin in June 2006, with completion expected 3 months later. These results will form the basis for design of a pilot unit for relatively large-scale testing.

Based on testing results to date, the predominant operating cost is power, which at \$0.38 per kilogram of nickel metal recovered is considered to be quite low.

The Company plans to proceed through pilot testing to a commercial plant within the next 18 months. Preliminary cost modeling suggests that the capital cost of the equipment would be recovered within 1 to 1.5 years. However, the company cautions that additional testing is required before firm conclusions can be made about the potential commercialization of this process.

The ability to recover nickel from what is currently perceived as a waste material represents an enormous financial opportunity for ENPAR, its shareholders and the mining industry.

In addition, the ExtrEL Leaching Technology may become a primary hydrometallurgical treatment method for the traditional concentrate from the mill floatation circuit.

Once proven on a commercial scale, the ExtrEL Leaching Technology could potentially be used as an alternative to conventional smelting facilities which require considerable capital and represent major environmental concerns.

This would enable both large and small mining companies to process the ore concentrate on-site and ship metal for refining, instead of shipping ore for primary processing.

Opportunities for ENPAR

According to published information, the Company estimates that there are hundreds of millions of tonnes of mill sulphide tailings containing potentially economic grades of nickel in Australia, Canada, Russia, and several African nations.

For example, at the Leinster, Kambalda and Mt. Keith mines in Western Australia, there is reportedly a resource totaling 162.7 million tonnes of tailings, containing approximately 500,000 tonnes of nickel metal. These sulphide tailings are apparently similar in mineralogy to those tested by ENPAR, making them ideal for treatment using the ExtrEL Leaching Technology.

Given today's nickel price of \$20.81 USD per kilogram, the in-situ value of the nickel sulphide tailings at these sites is estimated at greater than \$11 Billion USD. Furthermore, it is estimated that an additional 522,000 tonnes of nickel will be discarded as nickel sulphide tailings throughout the remaining life at the referenced sites.

Utilizing ENPAR's ExtrEL Leaching Technology, the recoverable nickel from the tailings at the afore mentioned sites could potentially reach 401,400 tonnes of nickel metal with a market value of approximately \$8.4 Billions USD.

ENPAR is a "Technology Company" applying its patented and proprietary "Electrochemical Technologies" to the recovery of base metals and to the treatment of waste water and drinking water contaminated by metals or nutrients i.e., nitrate/ammonia associated with the mining, metal processing, chemical, agricultural, municipal and waste management sectors. The common shares trade on Tier II of the TSX Venture Exchange under the symbol "ENP".

The TSX Venture Exchange has not reviewed and does not accept responsibility for the adequacy or accuracy of this release.

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