

Old data, New Discoveries¹

Nuinsco Resources Ltd., TSX:NWI

Nuinsco Resources Ltd., a junior exploration and development company with interests in nickel, copper-gold and uranium properties, is using the latest in computer 3D modeling and large scale visualization at MIRARCO's virtual reality lab to assess the extent of its Minago nickel ore deposit in the Thompson Nickel Belt of northern Manitoba.

MIRARCO, the Mining Innovation, Rehabilitation and Applied Research Corporation at Sudbury 's Laurentian University, works closely with Nuinsco's exploration team to integrate new drilling results with historical drill data from the Minago property to determine the extent of the nickel deposit about 225 km south of Thompson.

The historical data includes 70 drill holes from three different exploration projects at the Minago site during the past 40 years. First, the hand written data had to be standardized and digitized. MIRARCO's experienced geologists and programmers then integrated the drill data into its powerful GO-CAD software program. The resulting 3D model dramatically illustrated the shape, dimension and ore grades of the Minago deposit.

"MIRARCO's 3D modeling is a great tool to help visualize the drill holes and ore zones," said Nuinsco President Brian Robertson. "It's really useful for communicating the scope and size of ore deposits to investors who may not have a lot of technical background but see the extent of the ore from the existing drill data."

3D visualization helps to understand the geometry of the deposit, according to Robertson.

"You start to recognize the real shape and size of a deposit as more drill intercepts are incorporated into the model and viewed from different perspectives," he said. "This certainly changes your thinking about a project and helps to identify what additional drill data is needed to see if it's worth pursuing or simply walking away from a project."

Paul Jones, Vice-President of Exploration, said: "Initially Minago was presented as a smaller deposit of higher grade ore shoots. But MIRARCO's modeling and 3D presentation of known drill data clearly showed a significantly larger, lower-grade deposit that might be mined via open pit."

Data integration and visualization have streamlined Nuinsco's approach to delineating a deposit and assessing the most cost-effective mining method. "It's a very powerful tool that enables us to quickly incorporate new drill data and update assessments of the project," said Jones.

Given MIRARCO's extensive knowledge of the Minago property, Jones asked MIRARCO to identify precise drill targets that would provide reliable information of nickel

FAST FACTS:

- Uranium and base metal exploration & development
- Projects in Ontario, Saskatchewan, Quebec, Manitoba and Turkey
- \$3 million in working capital

¹ Approved by Brian Robertson, President, and Paul Jones, Vice-President of Exploration April 25, 2006 (www.nuinsco.ca). Written by Morry Brown, MORCOM (www.morcominc.com).

mineralization at depth. MIRARCO personnel calculated the exact coordinates, azimuth and inclination of the targeted holes to be drilled based on the known data intercepts at the Minago property. The new drill core data will be integrated into the model and assessed by Nuinsco geologists, mine engineers and senior management to determine if additional exploration and development drilling are warranted.

Jones said that MIRARCO's 3D visualization of drill data helps others understand the potential of the discovery. He commented that viewers are typically "very impressed" with the 3D visualization. Both technical and non-technical types gain a greater level of understanding of the underground deposit when viewing the 3D model compared to a traditional cross-section drawing. Nuinsco recently used MIRARCO's portable Virtual Reality lab to provide a 3D presentation on the Minago project to Chinese investors and Australian geophysicists.

Based on results to date, Nuinsco's management team is convinced that common earth modeling and 3D visualization play an increasingly important role in advancing Minago from an exploration camp to a producing nickel mine.



Out of the Box Testimonials © 2006

