



MAGNUM
MINING & EXPLORATION LIMITED

MAGNUM RELEASES PROJECT PLAN TO START DSO IN DECEMBER QUARTER 2021

- **Global mining consultant SRK appointed to assist with fast-tracking production**
- **Appointment effective immediately**
- **First shipment targeted for December 2021**

Magnum Mining and Exploration Limited (“Magnum” or “Company”) (ASX: MGU) is delighted to announce that it has appointed global mining consultant SRK Consulting (U.S.) Inc. (“SRK”) to provide assistance in fast-tracking iron ore production at its Buena Vista Magnetite Project. SRK has worked on over 20,000 projects worldwide from 40 offices and with a multidisciplinary team of consultants will provide Magnum with the capability to fast-track Direct Ship Ore (DSO) in 2021.

The agreement with SRK is a significant step forward towards becoming an operating mine. Under the terms of the agreement, Magnum and SRK have agreed to the following realistic project schedule including:

Target Date:

June 15, 2021 - Data Collection, Preliminary Project Review & Drill Planning

SRK will review the geologic model and supporting data and provide a drillhole plan and report on:

- Available data sources and their respective Quality Control and Quality Assurance (QA/QC).
- Geological modelling pertaining to the lithology, structure, alteration, mineralization, and geotechnical constraints.
- Geostatistics and Exploratory Data Analysis (EDA) review
- Classification review
- Reported materials validation

June 30, 2021 – Project Execution Plan and Basis of Design Documentation

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To bring the project online, a detailed project execution plan will be developed that includes a list of key tasks and their expected durations, sequence, and costs to complete. SRK will assist with producing this plan following a standard work breakdown structure (WBS) format to Level 3 where possible.

Additionally, to ensure the project is developed efficiently, it will be necessary to document key design criteria, data sources, and project parameters in a single location. SRK will develop a Basis of Design (BoD) document that tracks and summarizes key information.

July 21, 2021 - Project Support and Contractor Bidding

To get the mine into operation, a mine production schedule will be developed that includes both ore mining and waste stacking plans, as well as a plan to deliver material to the rail siding. SRK will develop the mining plan, assist with preparation of the transportation plan, and prepare a bid package for potential mining contractors, including providing technical feedback to potential contractors as needed. SRK will also assist with identification of additional contractor support that may be required for the operation, such as safety and survey specialists.

August 1, 2021 to December 31, 2021 – DSO Mining & On-Site Project Support

SRK will provide an experienced associate project manager, Mike Iannacchione, to advise the contract mining operation. Mr. Iannacchione is experienced in supervising contract mining operations in Nevada, having held the following positions:

- General Manger at Florida Canyon Mine
- General Manager at Relief Canyon Mine
- Vice President and General Manager for General Moly's Mt. Hope Molybdenum Project
- Operations Manager at Goldcorp's Marigold Mine
- Vice President and General Manager at the Round Mountain Gold Mine

SRK will also assist Magnum in finding an experienced ore control geologist to support the project.



John Dinan

Company Secretary

May 27, 2021