



**ASX Release: 17 February 2021**

## **Magnum assembles world class local US team to support the development of the Buena Vista project**

---

### **HIGHLIGHTS**

---

- **A team of US based consultants have joined Magnum to accelerate the development of the Buena Vista magnetite project**
  - **Magnum's US team are highly experienced mining professionals and have spent significant time working on the Buena Vista project previously**
  - **The local team will support key development milestones and work closely with both the DSO (direct shipping ore) and DFS (definitive feasibility study) appointed engineers to progress these studies in a timely manner.**
- 

Magnum Mining is pleased to announce that a United States based team of consultants has joined Magnum Mining to support, and progress, the Buena Vista magnetite project. Buena Vista is located approximately 160km east-north-east of Reno in the state of Nevada, United States.

Magnum's US team will provide critical support across a range of mining disciplines that will be key inputs to the feasibility study update to establish a long-life high-grade magnetite concentrate operation, and the DSO study that has commenced – see ASX announcement on the 9<sup>th</sup> of February 2021.

Buena Vista is an advanced magnetite iron ore project where in excess of A\$34 million has been spent on the project over the past decade. Historical studies and permitting for the long-term production of a 67.5 % Fe magnetite concentrate with no deleterious impurities has already been completed at the site.

Introductory biographies of each of our US consultants is provided:

**Jim Wallace**  
***Manager of Government Affairs***

Jim Wallace is the projects highly experienced focal point for government relations. Jim has been an environmental and natural resources consultant since 1976 after graduating from Humboldt State University.

**Magnum Mining & Exploration Ltd**

ABN: 70 003 170 376

Suite 2, Churchill Court, 234 Churchill Avenue, Subiaco WA 6008 PO Box 8209, Subiaco East WA 6008  
Tel: +61 8 6280 0245 Fax: +61 8 9381 2855 Email: [info@mmel.com.au](mailto:info@mmel.com.au) Web: [www.mmel.com.au](http://www.mmel.com.au)

In 1996 Jim established a company that focused on environmental permitting for mineral exploration, mine land reclamation and airports. Jim has worked throughout western US on mineral exploration, mine development and mine closure permits.

Between 2002 and 2008, while living in Carson City, Nevada, Jim served on the executive board of the Nevada State Democratic Party and acted as campaign manager for a candidate in a US Senate race.

Since 2010 he has worked with a government affairs firm in Washington, DC representing clients and non-governmental organizations.

Jim was involved with the Buena Vista project from 2009 to 2012 as an environmental consultant and became responsible for all aspects of the project including environmental permitting; water rights; transportation and logistics; drilling and exploration; sub-consultant management; electrical transmission line location; hosting representatives of foreign financial institutions and meeting with representatives from China's steel manufacturing industry.

He also worked with local, state and federal agencies on land use issues.

**Paul Dyson**  
***Transportation and Logistics Manager***

Paul Dyson has over 50 years' experience in or related to the railroad, inland waterway and trucking industries. Paul was heavily involved in the recycling of rail cars for the aggregate industry and developed a new concept for higher productivity and payload.

For the past 20 years Paul has worked as a consultant and project manager, including the successful movement of a stockpile of magnetite from a copper mine in New Mexico to China via the Mexican Port of Guaymas, Sonora. Major clients have included Vulcan Materials, Greenbrier Companies and Norfolk Southern.

Paul originally joined the Buena Vista project team in 2010 and worked on proposals for both port and rail transportation. Paul will again lead the Magnum team in pursuit of timely and competitively priced transportation agreements.

**Cindi Byrns**  
***Environment and Permitting Manager***

Cindi has a BA in Geology, a MS in Environmental Engineering and is a State of Nevada Certified Environmental Manager with over 35 years' experience permitting and overseeing EHS compliance in mining, chemical and other industrial companies, primarily in the Western US.

Cindi joined Nevada Iron, LLC in 2013 and delivered a number of Churchill County, State of Nevada and Federal permits that are required to begin mining at the Buena Vista Mine.

In addition to obtaining the existing mining permits, Cindi oversees land management, water rights, project administration and is currently the projects first point of contact with local authorities.

**William Dean**  
***Commercial Manager***

Bill worked for Nevada Iron as their Chief Financial Officer alongside Cindi from 2014 to early 2016. Bill negotiated key transportation arrangements, contract rate revisions to the landowner contracts, a revised economic model, vender negotiations, financial statements, audits and sundry other tasks.

Bill will again support key land management and royalty negotiations and provide local input and support for any US project funding that is considered. He has over 35 years of experience in mine, accounting, finance, treasury and supply chain. His past experience includes senior roles with KGHM, Lydian International, Alacer Gold, Apex Silver, Meridian Gold, and Newmont Gold. His project experience includes the development of the Çöpler project in central Turkey, San Cristobal project in Bolivia, El Peñon project in Chile and Beartrack project in the US.

He has a degree in Accounting from the University of Utah and received a Masters in Business Administration from the University of Colorado.

**Thomas J. Knoch**  
***Project Geologist & Hydrogeologist***

Tom has Mining Engineering and Geological Engineering degrees from the Mackay School of Mines, at the University of Nevada-Reno and is a State Board Registered Professional Geologist, Engineering Geologist and Hydrogeologist. Tom also served in the United States Special Operations Command for 13 years, as a Special Forces (Green Beret) soldier.

Tom has owned and operated a consulting firm since 1997, and in 2009 was engaged to support the Buena Vista project. During this time Mr. Knoch developed an intimate knowledge of Buena Vista, and of its geology, hydrogeology, and the engineering characteristics of its ore body. Development of his knowledge began with his appraisal of the U.S. Steel database, and then with his involvement in the management of two exploration drilling programs into the Buena Vista ore body with the first being in 2010 for Richmond Mining, and then again in 2012 for Nevada Iron LLC. Later, he was also involved during the installation of ground water monitoring wells at the site in 2013/2014, which assess the area's underlying hydrogeologic system.

Tom will again provide project geology and hydrogeology support for the project.

This announcement is authorised for release to the market by the Board of Directors of Magnum Mining & Exploration Limited.



**GRANT BUTTON**  
**Chief Executive Officer/Joint Company Secretary**