

# Craigmont Industries Ltd. – EPC

## Magnetite Recovery Project, Mt. Polley Mine, British Columbia

JDS Energy & Mining Inc.

### OVERVIEW

Craigmont Industries Ltd. (CIL) is sourcing the magnetite from the tailings stream of the Mount Polley Copper Mine in south-central British Columbia. CIL has entered into an agreement with Mount Polley Mining Corp. for 20 year rights to the magnetite resource which will be processed on site through a dedicated magnetite processing plant designed and built by JDS. The magnetite will be sold to coal producers for dense media separation.

### SCOPE

JDS was retained by CIL in early 2012 to design, build and operate a dedicated magnetite processing plant to meet the media-grade magnetite needs of the Western Canadian Coal producers. Project scope included full detail engineering, procurement, and project and construction management, including:

- Plant throughput 2,400 mtpd
- Metallurgical testwork, process flow sheets and preliminary site layout.
- Management of detailed engineering
- Purchasing, receiving and expediting of all major and minor equipment/piping materials (used ball mill)
- Construction/commissioning management
- Design and implementation of process plant; health, safety & environment (HSE) program, emergency response and filed level risk assessment
- Daily process plant operation.

**Project Value: \$22M**

Project completed on budget and on schedule with no harm to people, property or environment.

