



2013 AWARDS FOR ENGINEERING EXCELLENCE

Award of Merit Gibraltar Development Plan 3



Consultant

Ausenco

Owner/Client

Gibraltar Mines Limited

Category

Natural Resource, Energy & Industry

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Ausenco provided Engineering, Procurement and Construction Management (EPCM) services for the third phase of the development and modernization of the Gibraltar copper-molybdenum mine, located in McLeese Lake, British Columbia; this project is known as the Gibraltar Development Plan 3 (GDP3) Project.

The GDP3 project will increase the milling capacity at the Gibraltar mine with minimal interruption to existing copper and molybdenum production. The project included the construction of a new stand alone concentrator, which will add an additional 30,000 tons per day to the Gibraltar's processing capability.

The project incorporated additional primary grinding, secondary grinding, regrind, rougher flotation, cleaner flotation, concentrate filtration and tailings pumping capacity as well as various ancillary systems and upgrades. A stand-alone molybdenum separation plant was also constructed to replace the existing molybdenum circuit; the new molybdenum plant will more than double the mine's molybdenum metal production, to approximately 2.5 million pounds per year. These modifications and upgrades will enhance the Gibraltar's operating flexibility and reliability and insure that the mine continues to be an economic cornerstone for the region for years to come.

The GDP3 project will increase Gibraltar's overall processing capacity to 85,000 tons per day with an annual copper production averaging 165 million pounds.