

Endako Mine

The Endako Mine is an open-pit primary molybdenum mine located near Fraser Lake, 160 kilometres (100 miles) northwest of Prince George, British Columbia. The mine is operated as a joint venture with Thompson Creek holding a 75% interest and Sojitz Corporation, a Japanese company, holding a 25% interest.

The Endako Mine is a fully integrated operation. It includes a concentrator that processes ore through crushing, grinding, and flotation operations into molybdenum disulfide concentrate, and a multiple-hearth roasting facility that converts concentrate into technical grade molybdenum oxide.

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Electric-powered shovel loading a haul truck



Ore processing operations



Aerial view of Endako Mine

The mining activity will shift primarily to the Denak West and Denak East pits, and by mining the walls between, the three existing pits will be unified into a large single pit.



Haul truck driver

Production at Endako commenced under previous ownership in 1965 with a milling capacity of 9,000 tonnes of ore per day. Capacity was subsequently increased to approximately 28,000 tonnes per day and the Corporation is considering plans to increase mill capacity to 50,000 tonnes per day.

The Endako Mine consists of three pits. The Endako Pit, the largest, was the focus of mining activity for most of 2007 with ore for the mill also sourced from the Denak West Pit and stockpile. Plans call for mining activity to shift primarily to the Denak West and Denak East pits beginning in 2008 and for the

creation of a super pit by mining the walls between the pits and thereby unifying the three existing pits into a large single pit.

During 2007, the Corporation re-estimated Endako's mineral reserves and resources assuming a long-term molybdenum price of US\$10 per pound and updated costs, versus a previous assumed long-term molybdenum price of US\$3.50 per pound. The resulting increase in mineral reserves and resources extended mine life dramatically from six to 26 years, although mine life, based on existing mineral reserves, will be 16 years if the mill expansion proceeds.