

## Nickel Rim Mine, Sudbury, Canada



**Customer:** Xstrata  
**Location:** Nickel Rim Mine, Sudbury, Ontario, Canada  
**Year of Completion:** 2005  
**Hoists supplied:** 18' Double Drum Production Hoist  
 15' Double Drum Service Hoist  
 10' Single Drum Auxiliary Hoist x 2  
 Refurbished 16' Sinking Hoist

One of DavyMarkham's largest mining projects, the company was tasked with supplying four brand new mine hoists as well as providing a high quality refurbishment service for a used hoist. The turnkey project involved design, manufacture, installation, commissioning and training with special focus on the project management of mechanical and electrical aspects.

The newly designed and manufactured hoists include; one 18ft double drum production hoist, one 15ft double drum service hoist and two 10ft single drum auxiliary hoists, all of which were designed and fabricated at DavyMarkham's works in Sheffield, UK. Reconditioning work for the 16ft sinking hoist was carried out locally in Canada. The hoist was originally removed from an existing mine in Arizona and shipped to Sudbury where it underwent non-destructive testing, modifications and refurbishment.

Canada's Sudbury basin is one of the earth's richest known deposits of nickel and copper, all of the above hoists have the ability to accommodate current mining depths of up to 5900ft and future depths of 7500ft.



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