

Consolidated Thompson – Iron Ore



Client:	Consolidated Thompson Mines	Capability Groups:	Mineral Processing
Location:	Canada	Completion:	2012
Commencement:	2011		

Services Provided

- Process equipment supply
- Process equipment commissioning
- Operator training

Highlights

- 1,408 spiral order for Iron Ore beneficiation
- Phase 2 expansion of the Bloom Lake Concentrator
- Proven WW6+ Wash Water spirals

Superior Technology

Following the successful construction and commissioning of the 8 mpta Iron Ore Concentrator at Bloom Lake, Consolidated Thompson Mines (now a Cliffs Natural Resources company) undertook to build a second Concentrator in 2010.

Following extensive on-site testwork during 2010 and 2011, the MD WW6+ wash water spiral was selected for its proven metallurgical results and 'operator friendly' ease-of-use.

The order comprised 512 twin-start 7-turn WW6+ roughers and 192 twin-start 7-turn WW6+ scavengers treating slurry from upstream hydrosizer classifiers.

Primary and secondary distributors as well as product launders were also supplied.

In addition to supplying spiral equipment, Mineral Technologies continued to work closely with the engineering contractor to ensure the spiral circuits met the design criteria, delivering an efficient and problem free installation and commissioning phase.

