



Atlantic Industries Limited

# PROJECT PROFILE



July 22, 2008

## AIL engineers build world's largest corrugated arch

### Will support a 2.4 million pound shovel

When Cardinal River Coal needed to transport raw coal from their new Cheviot Creek pit through the Canadian wilderness to their processing plant over 20 km away, it was obvious many unique challenges would need to be overcome.

#### **Strong enough for the world's largest mining equipment.**

One of the biggest was engineering a structure on the haul road that would be large enough to span Whitehorse Creek, and strong enough to withstand the weight of the world's largest mining equipment including a 2.4 million pound shovel. After reviewing several alternatives, it became apparent that the engineers at AIL and their innovative products were the partner Cardinal River was looking for. The finished product, completed on an accelerated schedule, turned out to be the largest corrugated arch in the world.

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#### **Project at a glance:**

**Product:** Super-Cor Structural Steel Plate

**Product:** MSE Retaining Wall System  
(Wire Walls)



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