

**VALE (VALE)**

**CEO:** Murillo Ferreira

**HEADQUARTERS:** Rio de Janeiro, Brazil

**MAJOR SHAREHOLDERS:** Government of Brazil (majority of voting shares), BlackRock, Lazard Asset Management, Ishares MSCI, Price (T. Rowe) Associates, The Vanguard Group, Wentworth, Hauser, and Violich, Baillie Gifford and Co., State Street Corp., Schroder Investment Mgt. Group, Goldman Sachs.

**2009 NET INCOME:** US\$12.5 billion

**2009 SALES:** US\$412.8 billion

**2009 ASSETS:** US\$108.7 billion

**MARKET CAPITALIZATION:** US\$102.8 billion

**NUMBER OF EMPLOYEES:** 68,187<sup>136</sup>

Vale is proposing dumping into Sandy Pond at its Long Harbour nickel processing operations in Newfoundland and Labrador, Canada. Vale currently dumps tailings from its Copper Cliffs mine in Ontario into the remainder of Meatbird Lake, which once teemed with trout, and into what used to be lakes at its Thompson mine in Manitoba. The company is involved in the Goro nickel project, which had proposed ocean dumping in New Caledonia before switching to a conventional tailings dam, and dumped tailings into Lake Batata at its Mineração Rio do Norte (MRN) mine in Brazil.<sup>137</sup>

**XSTRATA (LONDON: XTA)**

**CEO:** Michael (Mick) Davis

**HEADQUARTERS:** Zug, Switzerland

**MAJOR SHAREHOLDERS:** Glencore International AG, Black Rock Inc., Harbor International Fund, Vanguard International, Ivy Funds, Artio Global Management, IShares, Van Eck Associates Corp., Capital Research, and Dimensional Fund Advisors.

**2010 NET INCOME:** US\$4.9 billion

**2010 SALES:** US\$30.5 billion

**2010 ASSETS:** US\$69.7 billion

**MARKET CAPITALIZATION:** US\$48.5 billion

**NUMBER OF EMPLOYEES:** 38,561

Xstrata dumps nickel and copper tailings from the Strathcona mill into a portion of Moose Lake in Ontario. The company has also dumped zinc and copper tailings from its Matagami mill into what used to be Lake Watson in Quebec.<sup>138</sup>