

The Sisson Project is an initiative of The Sisson Partnership to responsibly develop a globally significant tungsten-molybdenum deposit in central New Brunswick. The Project is being advanced through a Limited Partnership between Northcliff Resources Ltd. and Todd Minerals Ltd., in which Northcliff holds a controlling interest and is the operator of the Project.

## WHAT IS TUNGSTEN?

- Essential mineral used in the manufacture of steel for broad range of industrial and domestic applications
- Extremely hard and dense, highest melting temperature of any metal and highly resistant to corrosion
- China produces most of the tungsten consumed globally but began restricting tungsten exports in 2010 for its own internal needs
- The Sisson Project is ideally located to provide a critical supply of tungsten to Asia, the United States and Europe

## THE PROJECT

The Sisson Project is located within an easy commuting distance from surrounding communities including Fredericton (approx. 60 km), Juniper (approx. 22 km) and Millville (approx. 28 km). The site can be accessed via existing forest roads from Highway 107 to the north, and from Highways 2 and 104 to the south.

The Sisson Project will be developed as a conventional open pit mining operation with site facilities to include:

- an open pit;
- a mineral concentration plant to produce tungsten and molybdenum concentrates;
- a water treatment plant;
- a tailings storage facility; and
- ancillary buildings including offices, shops and warehouses.

The Sisson Project footprint (i.e., encompassing the major project components) will be about 14.5 sq km.

## ECONOMIC BENEFITS

- \$579 million** capital investment
- Up to **500 jobs** at the peak of construction
- Up to **300 jobs** over the 27-year life of the mine
- More than **\$500 million** in direct taxes to New Brunswick
- Average of **\$19.5 million** annually in tax revenues to New Brunswick
- More than **\$20 million** in annual payroll to employees

## HISTORY & TIMELINE

- 1978** Mineralization first discovered by Kidd Creek Mines
- 2009** Preliminary Economic Assessment completed by Geodex Minerals
- 2010** Northcliff agreement with Geodex for Sisson Project
- 2011** Draft Environmental Impact Assessment (EIA) Terms of Reference released for public and First Nations' comments
- 2012** EIA Terms of Reference for the Environmental Impact Assessment report finalized and released to public and First Nations
- January 2013** Positive Feasibility Study results indicate a 27-year project processing about 30,000 tonnes per day of ore
- July 2013** EIA report submitted
- Late 2014** Decision on EIA expected
- 2015** Subject to permit approvals and financing, the two year construction phase is targeted to begin
- Early 2017** Subject to permit approvals and financing, initial commissioning is expected to commence

## THE SISSON PARTNERSHIP