

Mineral Reserves and Resources

Proven and Probable Mineral Reserves at December 31, 2007 ⁽¹⁾

| Mine | Category | Tonnes (millions) | Molybdenum Grade [%] | Contained Molybdenum (millions of pounds) |
|---------------------|--------------------------|----------------------|----------------------------|---|
| Thompson Creek Mine | Proven | 37.9 | 0.106 | 88.5 |
| | Probable | 57.5 | 0.095 | 120.7 |
| | Proven + Probable | 95.4 | 0.099 | 209.2 |
| Endako Mine (100%) | Proven | 128.8 | 0.051 | 145.4 |
| | Probable | 164.0 | 0.049 | 179.0 |
| | Proven + Probable | 292.8 | 0.050 | 324.4 |

Measured, Indicated and Inferred Mineral Resources ^{(5) (6) (7)}

| Mine | Category | Tonnes (millions) | Molybdenum Grade [%] | Contained Molybdenum (millions of pounds) |
|------------------------------------|-------------------------------|----------------------|----------------------------|---|
| Thompson Creek Mine ⁽²⁾ | Measured | 69.6 | 0.087 | 133.5 |
| | Indicated | 162.5 | 0.072 | 258.0 |
| | Measured + Indicated | 232.1 | 0.076 | 391.5 |
| | Inferred | 139.5 | 0.043 | 132.2 |
| Endako Mine (100%) ⁽³⁾ | Measured | 138.0 | 0.050 | 152.2 |
| | Indicated | 354.1 | 0.040 | 311.8 |
| | Measured + Indicated | 492.1 | 0.043 | 463.9 |
| Davidson Project ⁽⁴⁾ | Measured | 45.9 | 0.180 | 182.0 |
| | Indicated | 31.3 | 0.154 | 106.0 |
| | Measured and Indicated | 77.2 | 0.169 | 288.0 |

(1) The mineral reserves estimates for the Thompson Creek Mine and Endako Mine have been calculated in accordance with the Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") – Definitions Adopted by CIM Council on December 11, 2005 (the "CIM" Standards) which were adopted by National Instrument 43-101 ("NI 43-101"). The mineral reserves are as of December 31, 2007 and have been estimated by Ken Collison, P.Eng., Chief Operating Officer, Thompson Creek Metals Company Inc., who is a qualified person under NI 43-101. The Corporation owns 75% of the Endako Mine. Mineral reserves are reported at a cut-off grade of 0.03% molybdenum for the Thompson Creek Mine and 0.02% molybdenum for the Endako Mine, and estimated using a long-term molybdenum price of US\$10.00 per pound for the Thompson Creek Mine and US\$10.00 per pound for the Endako Mine. Endako mineral reserves estimates include stockpiles.

(2) The mineral resources for the Thompson Creek Mine set out in the table above have been estimated by William E. Roscoe, P.Eng., Consulting Geologist with Scott Wilson Roscoe Postle Associates Inc. ("SWRPA"), and John T. Postle, P.Eng., Consulting Mining Engineer with SWRPA, who are qualified persons under NI 43-101.

(3) The mineral resources for the Endako Mine set out in the table above have been estimated by Greg Mosher, P.Geo., of Wardrop Engineering Inc., a qualified person as defined in NI 43-101. The Corporation owns 75% of the Endako Mine.

(4) The mineral resources for the Davidson Project set out in the table above have been estimated by Gary Giroux, P.Eng. who is a qualified person under NI 43-101.

(5) Mineral resources include mineral reserves as of April 15, 2007 for the Endako Mine and September 30, 2007 for the Thompson Creek Mine.

(6) Mineral resources are reported at a cut-off grade of 0.03% molybdenum for the Thompson Creek Mine, 0.02% molybdenum for the Endako Mine and 0.12% molybdenum for the Davidson Project.

(7) The mineral resource estimates for the Thompson Creek Mine are as of September 30, 2007, for the Endako Mine are as of April 15, 2007, and for the Davidson Project are as of 2006, and have been calculated in accordance with the Canadian Institute of Mining, Metallurgy and Petroleum ("CIM") – Definitions Adopted by CIM Council on December 11, 2005 (the "CIM Standards") which were adopted by National Instrument 43-101 ("NI 43-101").

Cautionary Note to United States Investors Concerning Estimates of Measured, Indicated and Inferred Resources

This Report uses the terms "Measured", "Indicated" and "Inferred" Resources. United States investors are advised that while such terms are recognized and required by Canadian regulations, the United States Securities and Exchange Commission does not recognize them. "Inferred Mineral Resources" have a great amount of uncertainty as to their existence, and as to their economic and legal feasibility. It cannot be assumed that all or any part of an Inferred Mineral Resource will ever be upgraded to a higher category. Under Canadian rules, estimates of Inferred Mineral Resources may not form the basis of feasibility or other economic studies. **United States investors are cautioned not to assume that all or any part of Measured or Indicated Mineral Resources will ever be converted into Mineral Reserves. United States investors are also cautioned not to assume that all or any part of an Inferred Mineral Resource exists, or is economically or legally mineable.**

Readers should refer to the Corporation's annual information form which is available on SEDAR at www.sedar.com and is incorporated in its Registration Statement on Form 40-F filed with the SEC which is available at www.sec.gov and subsequent continuous disclosure documents available at www.sedar.com and www.sec.gov for further information on mineral reserves and mineral resources, which is subject to the qualifications and notes set forth therein.