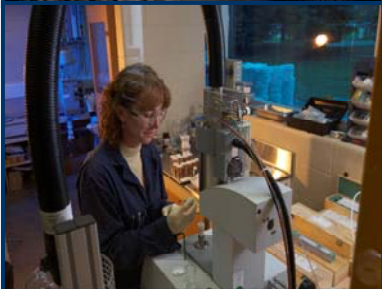


XPS Extractive Metallurgy

Pyrometallurgy • Hydrometallurgy • Process Modeling
Consulting Services • Plant Support • Pilot Testwork



XPS Extractive Metallurgy is a team of skilled pyrometallurgists and hydrometallurgists based in Sudbury, Ontario, Canada. We focus on providing support for both the long-term strategic growth and shorter-term plant operational needs of companies requiring expertise in extractive metallurgy. Furthermore, we can leverage off the knowledge of our XPS partners in the fields of process control, materials science and process mineralogy.

The group is well equipped to address your metallurgical needs through on-site plant support, process modeling and hydrometallurgical and pyrometallurgical testwork on both a laboratory and pilot plant scale. Services are offered at a competitive price-to-quality ratio. We can reduce risk and add value to your project or operation through:

- On-site plant support for smelters and refineries, e.g. emission abatement strategies (SO_2 etc.), raising throughput capacity, impurity tolerance levels and improving product/metal quality.
- Laboratory bench and/or pilot scale testwork incorporating atmospheric or pressure leaching, fluid bed roasting or smelting, and associated unit operations, to recover base metals from sulphide or oxide ores.
- Flow sheet and process design criteria development for new projects (drawing on extensive laterite and sulphide processing experience).
- Process simulation/modeling for new or existing metallurgical plants, using Factsage®, Metsim® and other software packages.
- Venture analysis studies for business/custom feed opportunities.

Whether the service we provide is small bench scale testing, large scale pilot testing or venture style project analysis, we strive to utilize best available technology and proven procedures to add value to and reduce any risks associated with your project.

XPS Extractive Metallurgy

XPS Centre, Falconbridge, Ontario, Canada, P0M 1S0

Tel: +1(705) 699 3400

Fax: +1(705) 699 3431

extractive@xstrataprocesupport.ca

www.xstrata.com

“ Adding value.
Reducing risk... ”

