

SUMMARY OF SGS EXPLORATION SERVICES IN VANCOUVER

OVERVIEW OF SGS' GEO-CHEMICAL, GEOLOGICAL, METALLURGICAL, MINERALOGY AND ENVIRONMENTAL SERVICES OFFERED IN VANCOUVER



SGS provides a comprehensive range of exploration and resource development services in Vancouver, British Columbia, Canada. We are the global technical leaders and our skilled professionals can provide you with trusted, innovative, affordable solutions that reduce your overall risk. We offer:

GEOCHEMICAL SERVICES

- Fire assay & pulp metallica
- Atomic Absorption Spectrophotometry (AAS)
- Trace element metal analysis by Inductively Coupled Plasma- Atomic Emission Spectroscopy (ICP-AES) & Inductively Coupled Plasma- Mass Spectrometry (ICP-MS)
- Ore assays
- Carbon and sulfur analysis

GEOLOGICAL SERVICES

- Property evaluations
- Orebody modeling & resource estimation
- Independent qualification & NI 43-101 or JORC Technical Reports
- Due diligence audits

METALLURGY

- Range of value added solutions to reduce risk and maximize returns
- Service range: scoping studies to complex flowsheet design
- Specialties: comminution, flotation, gold processing, hydrometallurgy, POX, BIOX, iron ore beneficiation
- Additional grindability offerings for Rod Work Index (RWI)
- Crushing and milling (sample prep)
- Geometallurgy and circuit modeling

MINERALOGY

- High Definition Mineralogy - Quantitative mineralogy
- complete gold deportment - QEMSCAN or optical
- Plant support with mineralogical balancing, process modeling & auditing

ENVIRONMENTAL SUSTAINABILITY

- Acid rock drainage testing (humidity cells)
- Water treatment solutions
- Environmental analysis through CEMI
- Mine site reclamation and closure planning

CONTACT INFORMATION

Email us at minerals@sgs.com
www.sgs.com/mining

WHEN YOU NEED TO BE SURE

SGS