

Optimineral Engineering Services

Professional Geology, XRF, Mining & Mineral
Processing Engineering Services

www.optimineral.com




Mission Statement:

To mutually create wealth and prosperity by getting the most out of what has been provided in nature, to build knowledge and confidence in mine investments through offering specialized services for our clients and to have a formidable level of satisfaction in working with our clients.

We Are Optimineral Engineering Services.

- We offer Professional Engineering Services and have over 100 years' experience collectively in the Mining Industry spanning almost all facets of engineering.
- Whether it is process flowsheet or underground design, Iron ore, Precious, Rare Earth or Base metals, we are able to deliver quality engineering services at a very cost-effective price.
- We are authorized and insured to practice Engineering according to the Professional Engineers of Ontario, Canada.
- We are also licenced by the Canadian Government to own and operate X-Ray Fluorescence Handheld devices. Level 1 Certification with NRCan Non-Destructive Testing (NDT) Certification Body for the Operation of Portable Handheld XRF Devices according to the standard ISO 20807:2004



Vision: We see every project as a mutual opportunity to further do business together. Our passion is to aid in the growth process of our clients' projects.

Qualified: We are authorized to provide engineering services to the public by the Professional Engineers of Ontario (with full liability). We are also skilled and certified to use handheld XRFs in Canada and abroad..

Flexible: We work for our clients and try our best to meet and do business according to their schedules, budgets and capabilities.

Customer-Oriented:

- We have established analytical laboratory connections and are able to secure quick, efficient and cost-effective turn-arounds.
 - We also will tailor our reports and workplan to make the most out of our clients' needs, time and resources.
 - Reports can be tailored to keep the costs low but information-yield high.
 - We treat all reports as a platform to boost confidence and knowledge, aid in production planning and identify and quantify future potential.
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Jonathan Gibson P.Eng.

- Jonathan is a Professional Engineer and has over 8 years' experience in the mining and mineral processing engineering industry upon graduating Mining Engineering at Dal Tech in 2007.
 - He has worked all over Canada in many different roles and responsibilities including mine and technology feasibility studies, R&D experimentation and implementation, underground planning and design, grindability throughput quantification, flotation flowsheet optimisation and appropriate ball mill & motor sizing.
 - He is a “Qualified Person” according to NI 43-101 standards.
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Jagadish Patel P.Eng.

- Jagadish is a Professional Engineer and has over 20 years' experience in mining engineering.
 - He has experience ranging from Operation, Strategic Planning (including financial evaluation), Short-term Planning, Long-term Planning and Consulting including Scoping Study, Pre-Feasibility Study and Feasibility Study as well as Optimisation Studies.
 - He is an underground mine design expert and has experience in most metals including diamond mining experience.
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Hassan Waberi P.Geo.

- Hassan Waberi has 11 years' experience in resource estimation, production and exploration in both open cast and underground operations.
 - He co-authored several papers on resource estimation that are compliant to CIM and 43-101 reporting style.
 - His vast experience entails both grass roots to advanced projects in gold, base metal, PGE and Iron ore across Canada, U.S and South America.
 - Hassan's area of expertise includes but not limited to mineral exploration and mining geology for base, precious metal and Iron ore related skarn deposit in Canada and South America.
 - He is excellent with data compilation, QA/QC auditing, grade control, 2D – 3D geological and mineralogical interpretation, modelling and resource estimation using sound geostatistical technics.
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Nooruddin Poonawala P.Eng., M.Sc., PMP

Norman has more than 30 years' experience in Exploration, Mine Design, Operation and Project Management of Open pit and underground hard rock Mining.

Some of his experience include but not limited to:

- Experienced enforcement of Health and Safety Act and regulation at mine site.
 - Practical Experience in operation of underground and open pit mining equipment and plants
 - Inspection and Optimisation services
 - Advance training in Mine Ventilation and Heat management (MIRARCO).
 - Specializes in start-up projects in remote areas in different World regions including Africa. Asia and the Middle East.
 - Knowledge of mining software: Mine2-4D, EPS, Promine, MineCad, Map 3D, AutoCAD
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Tony Di Feo P.Eng.

- 14 years of experience in operations, research and consulting.
 - His experience encompasses plant, grinding circuit optimization, grinding circuit model development (JKSimMet), gold ore leaching, research and technology in copper, zinc, nickel base metals flotation, solid/liquid separation and colloidal chemistry.
 - Has exposure to numerous facets of planning, budgeting, scheduling, project management, process control, grinding and statistical benchmark surveys, high confidence flotation testing, surface and flotation chemistry such as sulphide mineral chemistry and flotation machine hydrodynamics.
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Joe Fars P. Geo.

- Joe is a Professional Geologist with over 6 years of experience in mineral exploration and resource estimation ranging from successful (green and brownfield) exploration
 - He has experience with gold, base-metals, rare-earth elements, and uranium in Canada and West Africa.
 - He has created various geological and 3-D ore deposit models, reviewed quality control of sample analysis, and contributed to several NI43-101 technical and assessment reports.
 - He has been engaged in asset valuation, due diligence, and resource estimation.
 - He performed a 500,000+ meter drill program from exploration stages through advanced delineation to grade control with Detour Gold.
 - Joe received his Bachelor of Science in Geology from the University of Western Ontario and is currently enrolled in a Master of Business Administration (MBA) in Investment Management with concurrent integration of a Chartered Financial Analyst (CFA) from the John Molson School of Business at Concordia University.
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Derek Chow, EIT

- Derek is a registered Engineer in Training with the Professional Engineers of Ontario and is working towards his fully licenced P. Eng. status (estimated 2014/2015).
 - He is a graduate of Queens University with a Bachelor of Science in Engineering in Mining & Mineral Processing in 2010.
 - He has over 4 years experience in mining, mineral processing, pyrometallurgy and hydrometallurgy and has extensive plant commissioning experience from R&D to implementation.
 - He also holds a Level 1 Certification with NRCan Non-Destructive Testing (NDT) Certification Body for the Operation of Portable Handheld XRF Devices according to the standard ISO 20807:2004
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Arash Farhood M. Sc.

- Arash has over 9 years' experience in Mineral Processing, Hydro & Pyro-metallurgical industries.
 - He also holds a Masters' of Science in Material Engineering from Tarbiat Modares University.
 - Arash has held many roles in his successful career including being a head of Process Engineering at MITEC (Mobina Industrial Technology & Engineering Co).
 - He is a seasoned project engineer and is well acquainted with working in engineering teams nationally and internationally.
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Richard Daigle

- Richard has over 34 years' experience in prospecting and
 - Began his career in 1978 and in Uranium (in the Athabasca Basin)
 - Worked for Texas Gulf and many junior and major mining companies such as companies previously known as Falconbridge and Inco.
 - In 2013, Richard was selected as Chief-Operator responsible for 3D resistivity surveys for the Yukon Geological Survey.
 - Richard has performed drilling operations and, most recently, has conducted auger-drilling for placer miners in the Yukon Territories.
 - Richard is a prospector gold card holder in Ontario.
 - He has worked in every Canadian province as well as Sierra Leone processing diamonds for two seasons.
 - Richard is fluent in English, French and Spanish and can also write assessments reports fluently in both French and English.
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Some of the Mine to Mill Engineering Services we offer:

- Operational Detective Work and Excellence
 - General Mining and Mineral Processing Engineering Services
 - Technology Improvement Studies and Implementation
 - Financial Evaluations
 - Feasibility Studies and Reporting
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Thank you for your interest in Optimineral!

Please Contact us back and we would be pleased to offer you our services:

Jonathan Gibson- Technical Director an Founder

jonathan.gibson@optimineral.com

Phone: 1 (905) 393-2552

Skype: optimineralengineering

86 Oak Ave

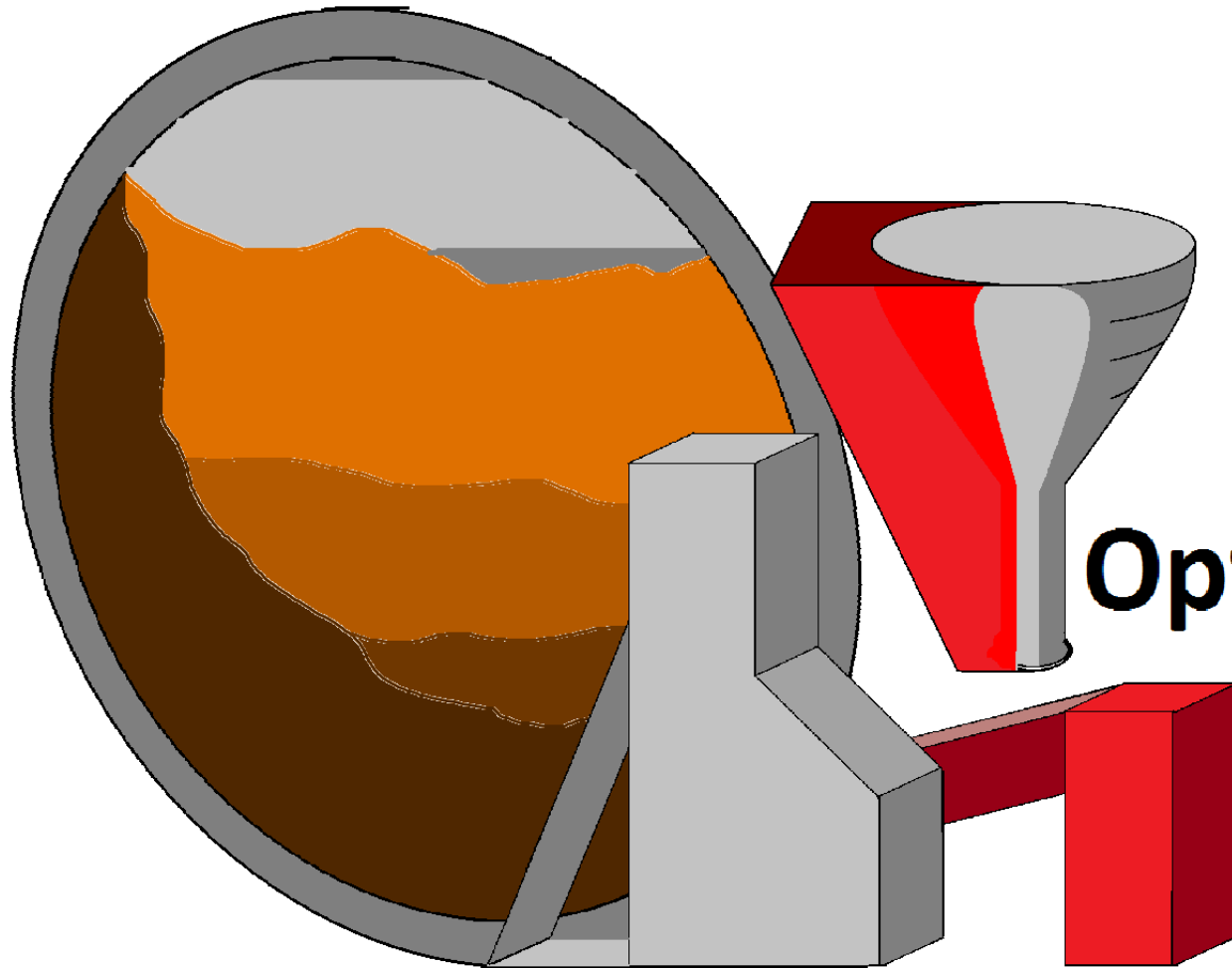
Hamilton, Ontario, Canada

L8L 5M8

Or

Check out our website for further inquiry at:

<http://optimineral.com>



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Engineering Services