

SPECIALIST MINERAL PROCESSING & TESTING LABORATORY



COMPANY PROFILE

Geolabs Global is a leading provider of high quality mineralogical, metallurgical and comminution testing services to the global mining and metals industry. A fully equipped laboratory, located in Centurion South Africa, enables Geolabs to test a wide range of ore types, while maintaining high standards; ensuring that only the best quality results and interpretations are purveyed to clients.

DIVISIONS

► Metallurgy & Comminution ► Mineralogy

METALLURGY & COMMUNITION

- Rock Crushing, Splitting and Milling
- Small and Large Scale Dry and Wet Screening
- Bond Low Energy Impact Test (CWi)
- Geopyörä Rock Breakage Test
- Shaking Table Tests

MINERALOGICAL

- Qualitative X-ray Diffraction (XRD)
- Assay-Validated Quantitative XRD

FLOTATION

- Spodumene, Lepidolite and Petalite Flotation
- Iron-Ore Flotation

MINERALS TRADE

- Independent Observation of Concentrate Declarations for Insurance and End-User

► Flotation

- Bond Ball and Rod Grindability Tests
- JK Drop Weight and SMC Tests
- Bond Abrasion Index Test (Ai)
- Heavy Liquid Separation (SG 2.3 - 4.5)
- Knelson Gravity Concentrator Test

► Minerals Trade

- Quantitative XRD (Rietveld Refinement)
- Clay Speciation XRD

- Graphite Flotation
- Sulphide Flotation

SPECIALISATION

- Lithium Ore
- Iron Ore
- Tantalum Ore
- Heavy Mineral Sands
- Graphite Ore

WHY CHOOSE US?

- Quality results within short turnaround times
- Diverse team of experts and industry respected affiliates
- Utmost respect for client confidentiality
- A results driven, energetic, enthusiastic and motivated team
- The only specialist Li-mineral laboratory in Southern Africa
- Participated in numerous successful NI43-101 & JORC studies
- Competitive pricing
- Offers additional onsite sampling, training and support