

CONSULTING SERVICES

Scoping studies

Quick and cost-effective mineral processing testing programs to determine the economic potential of a future operation.

Flowsheet development and Optimization

Metallurgical and hydrometallurgical tests after initial scoping studies, to determine the most efficient, cost-effective, and optimal way to set up your recovery circuit.

Plant audits

Operational and plant visits to conduct test work for increasing process efficiency.

Economic Viability Reports (EVR) for the mining industry

Environmental Impact Assessment Reports (EIA) for mining and quarry projects

about us

Mineral Processing Laboratory of the Department of Earth Resources Engineering is the only laboratory that facilitates the teaching of undergraduate Mineral processing curriculum for the engineers in Sri Lanka. Equipped with laboratory-scale processing machinery and staff with high research capacity, we are the pioneers in providing mineral processing expertise in Sri Lanka.

contact us

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MINERAL PROCESSING LABORATORY SERVICES

Mineral Processing Laboratory
Department of Earth Resources Engineering

UNIVERSITY OF MORATUWA
SRI LANKA



ANALYTICAL SERVICES PHYSICAL SEPERATION

Physical separation encompasses the same basic principle of physical properties between the ore mineral and the gangue materials.

Equipped with a **shaking table**, **Humphrey spiral**, **pulsator jig**, **cyclone**, and other separators. Using this range of equipment, we can perform analysis from scoping trials to pilot-scale investigations and design tests.



ANALYTICAL SERVICES COMMUNITION

Comminution equipment, including a **ball mill**, **jaw crusher**, **cone crusher**, and a range of crushing equipment, allows us to provide a unique mineral comminution service.

We offer **ASTM standard** particle size measurement and bond work index tests to support our crushing and grinding capabilities.