



Exploring



Experimenting



Evolving

AREA FUNCTION

Mineral processing is concerned with the extraction of valuable minerals and metals from ore bodies. A range of physical and chemical techniques are employed depending on the ore/mineral. Our facilities are equipped to conduct researches for better understanding and determining the most efficient way for particle recovery.

Method:

- 1- The material is spilled onto a Feed-box Equipment.
- 2- Equipment settings are set.
- 3- The equipment is run and data trends are registered.

EQUIPMENT LIST

No.	Equipment Name	Type	Specifications	Supplier
1	Vibratory Sieve Shaker	Lab scale	Measuring Range: 20 microns - 25 mm	Retsch Germany
2	Cyclosizer	Lab scale	Cyclone Sizes: 45.5, 32.4, 21.7, 15.5, 11.7 micron	Ammtec Australia
3	Davis Tube Tester	Lab scale	Field intensity Up to 4000 Gauss	Eriez USA
4	Davis Tube Tester	Lab scale	Field intensity Up to 7000 Gauss	FIMRC Iran
5	Continuous Thickener Test Rig	Lab scale	Feeding Rate: 0.001 - 3400 ml/min	FIMRC Iran
6	Automatic Settling Test Rig	Lab scale	1000 cc cylinders	FIMRC Iran
7	Vacuum Filtration Test Rig	Lab scale	Ceramic Filter & Belt filter	FIMRC Iran
8	Laboratory Filter Press	Lab scale	Filtration Volume: 15 meter	FIMRC Iran



Do not operate this equipment unsupervised



High-visibility jackets must be worn



Eye protection must be worn



Face mask must be worn