



OUR SERVICES

Mineral Processing

Mineral Processing, Flow sheet design,
Project Design,
Laboratory and pilot scale tests

Studies Carried Out by Our Department Are Conducted Through Internal (MTA) Projects,
TÜBİTAK Projects or Pre-Paid Services.

Comminution Processes

Fractional separation process

Screening
Particle Size Analysis
Scrubbing

Physical Separation Process

Shaking table
MGS
Jig
Heavy Medium Separation

Physicochemical Process

Flotation
Leaching Tests

We Can Recover Any Liberated Minerals...



Technology Laboratories

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TECHNOLOGY LABORATORIES

- Metallic Mineral Research
- Industrial Raw Material Research
- Metallurgical Research



Mineral Processing is Our Business...

MINERAL PROCESSING LABORATORIES

Our goal is to utilize our mining resources for our national economy by determining enrichment methods at laboratory and pilot scale.

COMMINUTION PROCESSES



Crushing Dry and wet grinding

CLASSIFICATION AND FRACTIONAL BENEFICIATION



Screening

PHYSICO-CHEMICAL PROCESS



MGS



Flotation

INDUSTRIAL RAW MATERIALS AND CERAMICS MATERIAL RESEARCH LABORATORIES

Technologic and tests for the use of ceramics and industrial raw materials are applied rigorously in our laboratory.



Laser Particle Size Analysis



DTA – TG Analysis



Determination of Heat Conductivity Coefficient



High Temperature Furnace



Nano Grinding with Attritor Mill

METALLIC MATERIAL RESEARCH LABORATORIES



Hydrometallurgical and pyrometallurgical extraction of metals, ores and industrial wastes on laboratory or pilot scale



Examination of micro-structure



Solvent Extraction

OUR SERVICES

Industrial Raw Materials and Ceramics Materials Researches

- Laser Particle Size Analysis (wet and dry method)
- Determination of Single or Multiple Point Surface Area
- Determination of Pore Size
- Firing Experiments
- Determination of Plastic Water
- Determination of Viscosity and Plastic Viscosity
- Clay Abrasion Test
- Whiteness Test
- Weight of Loose Unite Volume
- Determination of Apparent and Real Density
- Determination of Porosity
- Determination of Oil and Water Absorption Rate
- Determination of Resistance to Fragmentation
- Technologic Tests for Bricks and Tile Raw Materials
- Technologic Tests for Ceramic Raw Materials
- Technologic Tests for Bentonite Raw Materials
- Technological Tests for Facing Sand
- Aggregate Tests
- Technologic Analysis of Sepiolite
- Technologic Analysis of Zeolite
- DTA – TG Thermogram
- Determination of Heat Conductivity Coefficient

