

itü



PROJECTS IN 2009

Completed Research Projects

1. Clean Coal Technologies Research and Development, D.P.T.
2. Production of Bentonite Additives Used as Water and Solvent Based Thickener in Paint Industry, ITU-BAP (Scientific Research Unit)
3. Acquisition of Unburned Carbon and Metallic Values from Various Coal Thermal Power Plant Slags, ITU-BAP (Scientific Research Unit)
4. Boron Content of Emet -25+3 mm Colemanite Concentrates with Low Boron Content, BOREN
5. The Use of Activated Bentonites as Binders in Pelletizing Iron Concentrates, ITU-BAP (Scientific Research Unit)
6. Enrichment of Siirt Madenköy Copper Ore with Flotation Method, ITU BAP (Scientific Research Unit)
7. Kırklareli - Demirköy - Sivrilir Enrichment of Molybdenum Ore with Flotation, ITU-BAP (Scientific Research Unit)
8. Investigation of Suitability of Zonguldak Hard Coal for Dry Enrichment, ITU-BAP (Scientific Research Unit Project)

Ongoing Research Projects

1. Technological Products Acquisition of Bentonite Turkey, TUBİTAK TRA Project, MAM / MTA / İTÜ Joint Project
2. Development of Suitable Flotation Processes for the Recovery of Plastic Wastes, TÜBİTAK 1001 Project – Project No: 108M042

Completed Industry Projects

1. Iron and Nickel Recovery Possibilities from Lateritic Iron Ore (Albania-Skrojska, Prenjans Regions), Kürüm International (Albania), İTÜ Mining Faculty Foundation
2. Balıkesir, Enrichment Possibilities of Pb-Zn Ore in Kalkım Region, Technological Research Project on behalf of CVK Mining, İTÜ Mining Faculty Foundation
3. BR Eksport Foreign Trade Ltd. Ltd. Şti. Determination and Evaluation of Physical and Chemical Properties of Denizli Huntit Hydromagnetic Ores, BR Eksport DİŞ Ticaret Ltd. Ltd. Şti., İTÜ Mining Faculty Foundation
4. Technological Research Project for the Production of Flotation and Gravity and Pb, Zn and Cu Concentrates from Ores of Gümüşhane Region, Gümüştaş A.Ş., İTÜ Mining Faculty Foundation
5. Orhaneli Region Enrichment of Nickel Ores Project, Şetat Madencilik A.Ş., İ.T.Ü. Mining Faculty Foundation
6. Enrichment of Caphane Alunite Ore with Flotation, Dostel Aluminum Sulfate Industry Inc., İTÜ Mining Faculty Foundation
7. Enrichment of Low-Grade Manganese Ore with Sivas Region by Gravity Methods, SİS Mining, İTÜ Mining Faculty Foundation
8. Evaluation of Syrian Phosphate Ores, METEK Mining Inc., İTÜ Faculty of Mining Foundation
9. Enrichment Study of Chromium Ore in Eskişehir Region, Dedeman Madencilik A.Ş., İTÜ Mining Faculty Foundation
10. Tunisia Phosphate Ore Flotation, Akdağlar Madencilik Sanayi ve Ticaret A.Ş., İTÜ Mining Faculty Foundation
11. Gürallar Elektrik ve Makina Üretim San. A.Ş., Determination of the Characteristics of Core Samples Taken from the Coal Bed of Konya Ereğli Region, Gürallar Elektrik ve Makina Üretim San. A.Ş., İTÜ Mining Faculty Foundation
12. Detoxification and Final Residue Production of Cyanide Leaching in Bolkardağ (Niğde) Gold-Silver Ore in Conditions Determined
13. Gümüştaş A.Ş., İTÜ Mining Faculty Foundation
14. Malatya Hekimhan Hasançelebi Copper, Cobalt and Nickel Recovery from Iron Ore Residues, ERDEMİR Madencilik San. ve Tic. A.Ş., İTÜ Mining Faculty Foundation
15. Pb, Zn and Cu Collective Sulfur Concentrate and Pyrite Concentrate with Collective Flotation Methods from Gümüşhane, Gümüşhane, Pb-Zn-Cu Ore, Gümüştaş A.Ş., İTÜ Mining Faculty Foundation
16. Determination of Earning Conditions of Mica, Heavy Metals and Feldspar from AMR Ore, AMR Madencilik A.Ş., İTÜ Mining Faculty Foundation
17. Enrichment of Barite Ores with MGS and Flotation, OREKO Mining Industry and Trade Inc., İTÜ Faculty of Mining Foundation

18. Determination of Casting Sand Properties in Sand Sample, Ento Madencilik İnş. Singing. ve Tic. Ltd. Ltd. Şti., İTÜ Mining Faculty Foundation
19. Standard Density Determination of Low and High-Grade Sphalerite-Galene and Unmineralised Limestone Core Samples of the Research Area in the Balıkesir-Balya Region, Dedeman Madencilik A.Ş., İTÜ Mining Faculty Foundation
20. Determination of Properties of Silopi-Hakkari Manganese Ore, Erkin Karaözbeğ, İTÜ Mining Faculty Foundation
21. Mineralogical Investigation of Mastra Ore, Koza Gold Enterprises, İTÜ Mining Faculty Foundation
22. Determination of Recovery Conditions of Copper from Copper Wire Residues by Electrostatic Separation, Metal-Kim Metalurji ve Kimya Tarım San. ve Tic. Ltd. Ltd. Şti., İTÜ Mining Faculty Foundation
23. Flotation Experiment, Private, İTÜ Mining Faculty Foundation
24. Swelling Index, Viscosity, Filtration Loss Analysis, Barit Maden Türk A.Ş., İTÜ Mining Faculty Foundation
25. Determination of the amount of magnetite with the Davis Tube in AMR Mining Ore Sample, AMR Mining Inc., İTÜ Faculty of Mining Foundation Project
26. Grinding Ore Sample belonging to Bozdağ Mining Limited Company, Bozdağ Mining Limited Company, İTÜ Mining Faculty Foundation
27. Chrome Ore Analysis, OLGUM İnşaat Madencilik Proje San. ve Tic. A.Ş., İTÜ Mining Faculty Foundation

Ongoing Industrial Projects

1. TKİ Coal Gazlaştır Pilot Plant Establishment, Turkey Coal Enterprises, İTÜ Faculty of Mines Foundation
2. Enrichment of Saphane Alunite Ore with Flotation, Dostel Aluminum Sulfate Industry Inc., İTÜ Mining Faculty Foundation
3. Obtaining Pb, Zn and Cu Collective Sulfur Concentrate with Collective Flotation Methods from Gümüşhane Region, Gümüşhane, Pb-Zn-Cu Ore, Gümüştaş A.Ş., İTÜ Mining Faculty Foundation
4. Determination of the Characteristic (Physical and Chemical) Properties of Oxide-Sulfur Bale Lead-Zinc Ore and the Investigation of Enrichment by Flotation and Gravity Method, Dedeman Madencilik A.Ş., İTÜ Mining Faculty Foundation
5. "Investigation of the Possibility of the Kaolin to Become a Ceramic Material with a Physical Characteristics Using Polymer", TÜBİTAK 1001 Project – Project No: 106M178
6. "Production of Desiccant (Moisture Absorbent) Materials from Bentonite", İTÜ-BAP (Scientific Research Unit Project)
7. "Usability of Huntite-Hydromagnetic Ores in Flame Retardant Production", İTÜ-BAP (Scientific Research Unit Project)