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PROJECTS IN 2010

Completed Research Projects

1. "Turkey Technological Products Acquisition of Bentonite", TUBİTAK TRA Project, MAM / MTA / İTU Joint Project
2. "Development of Suitable Flotation Processes for the Recovery of Plastic Wastes", TÜBİTAK 1001 Project – Project No: 108M042
3. "Control and Optimization of Characteristic Properties of Bentonite in Activation of Calcium Bentonites Used in Casting Sand with Soda" BAP Project
4. "Production of Bentonite Additives Used as Water and Solvent Based Thickeners in Paint Industry", İTU BAP Project

Ongoing Research Projects

1. "Dry Enrichment of Turkish Coals", TÜBİTAK 1007 KAMAG, İTU / TKİ Joint Project, 2010-2013
2. "Sepiolite Additive Nanocomposite Production and Control of Production Processes with MD Simulation Supported AFM Measurements", TÜBİTAK 1001 Project (108M244)
3. "Production and Characterization of Water Based Road Marking Paint from Domestic Raw Materials to Meet the Needs of Istanbul", İTU-Istanbul Metropolitan Municipality

Completed Research Projects

1. "Enrichment of Saphane Alunite Ore with Pilot Scale Flotation", Dostel Alüminyum Sülfat Sanayi A.Ş., İTÜ Mining Faculty Foundation
2. "Zinc Recovery with Leaching and Precipitation from Aladağ Lead-Zinc Oxide Flotation Waste", DEDEMAN A.Ş.
3. "Enrichment of Sulphide Ore with Shalite Content by Flotation, Creating Process Flow Chart", İTÜ Mining Faculty Foundation, Research Project on behalf of Aksu Mining
4. "Enrichment of Bale Oxide-Sulfur Ore with Flotation, Creating Process Flow Chart", On behalf of Dedeman Madencilik İTÜ Mining Faculty Foundation, Research Project
5. "Technological Research Project on Drying of Adıyaman Gölbaşı Coals", SANKO Tekstil İşletmeleri Sanayi ve Ticaret A.Ş.
6. "Technological Research Project on Enrichment of Manganese Ores in Ankara Haymana Region", VB Mümessillik İnşaat Turizm Ulaş. Speed. Singing. Tic. Inc.
7. "Determining the Characteristic (Physical and Chemical) Properties of Copper-Lead-Zinc Ore in Gümüşhane Sulfur and Enriching it with Flotation Method", Gümüştaş Mining, İTÜ Mining Faculty Foundation
8. "Investigation of Enrichment Opportunities of Kayseri Pulpınar Chrome Ore" on behalf of Dedeman Madencilik İTÜ Mining Faculty Foundation, Research Project
9. "Investigation of the Characteristics (Physical and Chemical) Properties of Oxide Sulfur Lead-Zinc Wastes and Investigation of Enrichment Opportunities by Flotation and Gravity Method", Dedeman Madencilik A.Ş., İTÜ Mining Faculty Foundation
10. "Enrichment of Pb-Zn-Cu Ore with the Flotation Method in Gümüşhane Region", Gümüştaş Mining, İTÜ Mining Faculty Foundation
11. "Dewatering and Evaluation of Coal of -0.5 mm Size", Uysal Madencilik Nakliyat San. Ve Tic. Ltd. İti., İTÜ Mining Faculty Foundation
12. "Chemical Analysis of Spiral Enrichment and Enrichment Products in Two Different Dimension Groups of Adana-Sivşli Ore", DEDEMAN A.Ş., İTÜ Mining Faculty Foundation
13. "Determining the Characteristic (Physical and Chemical) Properties of Sulfur Copper-Lead-Zinc Ore Plant Residues by Enriching with Flotation Method", KARMINE Mining, İTÜ Mining Faculty Foundation
14. "Technical Evaluation Report", Aytaş Ayhanlar Madencilik Enerji San. Ve Tic. Inc. On behalf of İTÜ Mining Faculty Foundation, Research Project
15. "Technological Research Project for Producing Casting Sand from Sand with High Clay Content", İTÜ Mining Faculty Foundation
16. "Eczacıbaşı Esan Balya Pb-Zn Plant Investigation of Spiral Enrichment Opportunities and Investigation of Characterization and Enrichment Possibilities of Rare Earth Element Content in Plant Residues", İTÜ Mining Faculty Foundation Project

17. "Investigation of Coal Losses Occurring in Odak Mining Imported Solid Fuel Stock Areas", Odak İnşaat Mühendislik Madencilik San. ve Tic. Inc. On behalf of ITU Mining Faculty Foundation, Research Project

Ongoing Research Projects

1. "Investigation of Washability of BLI Keles and Deaf Sector Coals and Creating Flow Diagram", TKİ
2. "Establishment of TKİ Coal Gasification Pilot Plant"
3. "Enrichment of Antimuan Pasa and Slag in Kütahya Region", Metek Ltd. Sti.
4. "Technological Research Project for Making Samples of Alacaağzı Locality Sandstone Quarry Ready for Use in Different Sectors by Crushing / Grinding / Mechanical Etching and High Field Severe Age Magnetic Separation / Flotation Methods"
5. Clean Coal Technologies Research and Development, D.P.T.