

SVS



CONSULTANCY
ENGINEERING



Mining Plant References

Engineering is Our Passion

Mining Plants

- SVS Consultancy Engineering has great experience of engineering and consultancy services in Turkey and abroad in the field of Mining Plants based on founders experience of 20 years on this subject
- SVS has ability to utilize latest versions of technological design and detailing instruments for Crushing & Screening Plants, Concentration Plants, Filtering & Dewatering Units
- SVS performs necessary engineering and consultancy services in the field of Mining Plants such as;
 - Feasibility Study
 - Basic Engineering support
 - Layout Study (3D modelling)
 - Detail Engineering
 - Architectural
 - Mechanical
 - Structural
 - Piping
 - Utility Mechanic
 - Electrical
 - Geotechnical Design
 - Infrastructure
 - Material Take of Study
 - Tender Documentation
 - Site Supervision
- The Projects like Gökırmak Copper Plant, Milas Feldspat Beneficiation Plant, are among the references of SVS

Gökırmak Copper Plant



Name of Client: ACACIA

Plant Location: Hanönü, TURKEY

SVS's Start Date: August 2019

SVS's Completion Date: Ongoing (Oct' 19)

Total Number of Engineering Manhour: 600

Scope Description:

- Detail Design Process water system feed by TMF return water
- Process water PFD - P&ID
- Hydraulic Design (Pipe stress, Pump Selection)
- Process Water Tank Design & Detailing as per API650.
- Mechanical Layout for new PWS and existing Thickening Area
- Structural Design for Thickening Area
- 3D modelling & Piping detail engineering (Isometric, list, supports, etc)

Milas Feldspat Beneficiation Plant



Name of Client: ESAN

Plant Location: Milas, TURKEY

SVS's Start Date: September 2019

SVS's Completion Date: Ongoing (Dec' 19)

Total Number of Engineering Manhour: 3000

Scope Description: (Detail Design of New Grinding Unit)

- PFD - P&ID, Equipment Selection
- Mechanical Layout for Grinding and Material Handling System
- Mechanical Detail design (Conveyors, Chutes, Bunkers, feeders, elevators)
- Structural detail design
 - Steel structure design
 - Mill block dynamic analysis & design
 - Equipment & access platform
- * Electrical design (Single line diagram, power, lighting, earthing, etc.)