



SOLUSI
TAMBANG
INDONESIA

Company Profile

PT. SOLUSI TAMBANG INDONESIA

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ABOUT PT. SOLUSI TAMBANG INDONESIA



SOLUSI
TAMBANG
INDONESIA

Solusi Tambang Indonesia (STI)

is a consultant in mining that covers strip mine
and underground mining.

OUR VISION

Becoming a partner for mining industry to the concept of "good mining practice."

OUR MISSION

Providing an expert service and solution for exploration, feasibility, geoengineering study and mining operation, environmental and after-mining study and to increase human resources' development in mining industry.

STI has many experiences in giving solutions for any mine with any commodity, such as: coal, gold, nickel, copper, bauxite, tin/lead, etc.

Our consultants integrate their fine academic qualifications, practical experiences in mining field, and commitment to give a full attention with care and expert consultancy service to our clients.

OUR SERVICES

Training

Scope of Work:

Developing human resources in mining industry that covers: resource and reserve's calculation, geostatistics, mining operation, mining economy, geoengineering, detonation, ventilation, and mining environment.

Exploration's Services

Scope of Work:

- Research and evaluation related to mining exploration's plan (mineral and coal).
- Interpretation of the sample result from mining exploration.
- Optimizing the activity of drilling in order to determine the resource and reserve.
- Reviewing and determining geological model, structure, and mineralization.
- Static analysis and geostatistics.
- Estimating resource and reserve.

Feasibility Study

Scope of Work:

- Early investigation.
- Analyzing and determining mining methods.
- Calculating production's capacity and scheduling.
- Estimating mining equipment.
- Estimating manpower and management's necessity.
- Calculating operational cost, capital cost, and financial analysis.

Geoengineering's Research and Mining Operation

Scope of Work:

- Supervising in taking sample in mine geoengineering
- Research related to slope mining stability and its pile.
- Analysis of pit's stability.
- Measuring the Blasting Ground Vibration.
- Designing mine ventilation.

Environmental and After-Mining Research

Scope of Work:

- Reclamation and after-mining design.
- Research related to environmental monitoring's plan.

EXPERTS



Prof. Dr. Ir. Irwandy Arif, M.Sc.
Professor at Institut Teknologi Bandung
Chairman



Prof. Ir. Ridho Kresna Wattimena, MT. Ph.D.
Professor at Institut Teknologi Bandung
Geoengineering Senior Consultant



Dr.Eng. Syafrizal, ST. MT.
Lecture at Institut Teknologi Bandung
Geoengineering Consultant



Dr.Eng. Nuhindro Priagung Widodo, ST. MT.
Lecture at Institut Teknologi Bandung
Geoengineering Consultant



Dr.Eng. Ganda M. Simangunsong, ST. MT.
Lecture at Institut Teknologi Bandung
Geoengineering Consultant



PORTFOLIO

Landslide Analysis in Block E-F in South Roto Pit

PT Pamapersada Nusantara

STI's team analyzes on the landslide's site in southern part of Block E-F by doing geoenvironmental and hydrological approaches. STI also decides the right action to handle after landslide.

Stability Analysis in South Roto Pit's Mining Area

PT Kideco Jaya Agung

STI's team analyzes the stability of South Roto Pit's recent condition and final area of mining. STI also optimizes the pit design.

Rajamandala Hydroelectric Power Plant Stability Analysis

Hyundai Engineering Co. Ltd.

PT STI analyzes the stability of the slope where Rajamandala powerhouse of hydropower is going to be built.

Feasibility Study of Coal Mine

PT Sebuk Sejaka Coal

PT STI analyzes the feasibility of coal mine starts from source and reserve modeling, geoenvironmental and hydrological analysis, mine planning, economy, until the environment after mining.





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