



COMPANY PROFILE

PT OREKUS BHUMI SERVITIA

MAIN OFFICE

Menara Asia Afrika, LT 9, Jl. Asia Afrika 133-137,
Bandung, Jawa Barat



Our core value is based on, that "Getting the geology right" is a fundamental aspect in earth resources exploration and earth related engineering and environment analysis.



ABOUT US

PT Orekus Bhumi Servitia is an Indonesia- based geoscientific and engineering advisory and services company. Our core business is providing integrated geoscience solutions, based on firm commitment and dedication, to basic principles of earth science and technology application, in partuclarly for earth resources-based industry i.e. mining, geothermal, oil and gas industries, including earth related engineering and environmental issues.

We ensure to deliver the solution, by strategize it within comprehensive projects while being aware of risks, cost effectiveness, and environmentally consciousness.

Services

Our services can be applied to multi industries and objectives :





Services for Mining Industry

PT Orekus Bhumi Servitia services focus on exploration stage of mining commodities (i.e. minerals and coals) by generating exploration strategy that comprise multi discipline and applied technology while maintain environmental consideration.

Our Capabilities in Minerals and Coal Exploration and Resources :

Desktop analysis and literature review

Exploration strategy and target generation

Tectonic and structural geology analysis on mineralization

Database design, compilation, review and validation

Manual to digital transformation

GIS data compilation and analysis

Geological mapping (from reconnaissance to detail stage)

Geophysical Exploration

Drilling Exploration

3D geological modelling and wireframing

Topographic Mapping (LIDAR and Terrestrial Mapping)

3D geological modelling and wireframing

Mineral resources estimation

Geotechnical Investigation

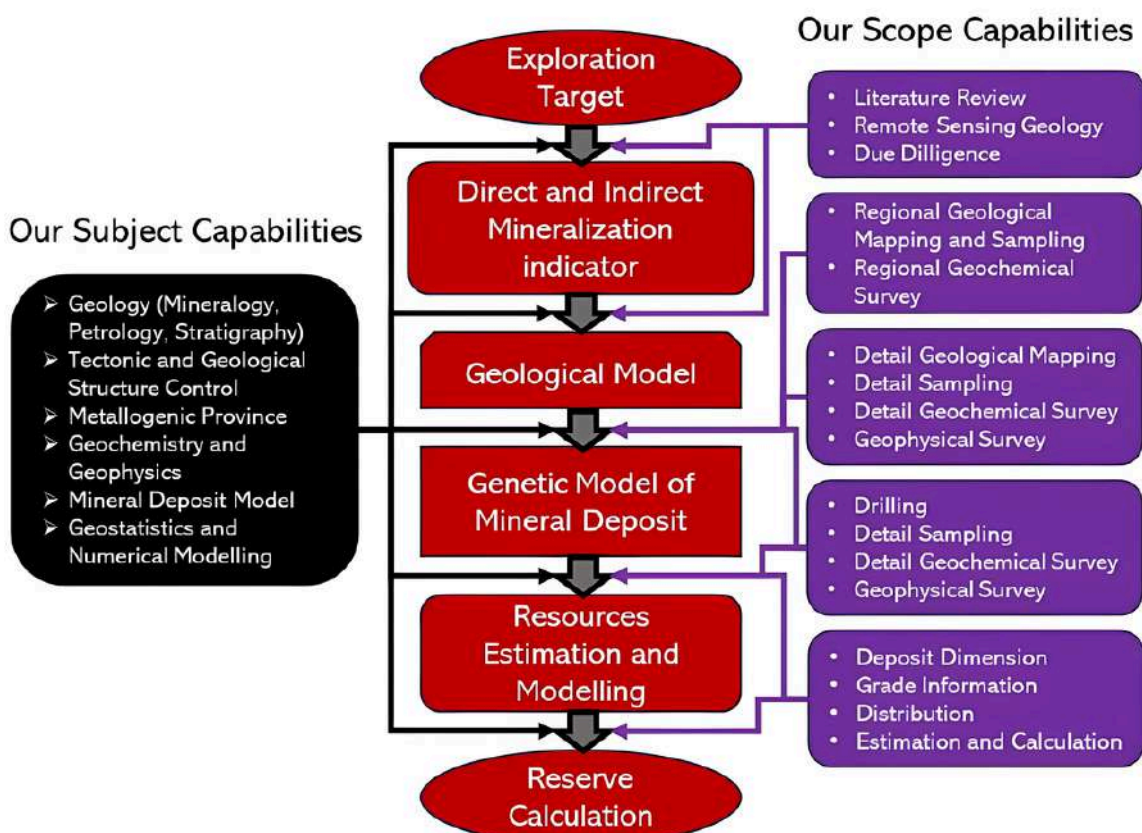
Hydrology and Hydrogeological Studies

Feasibility Study

Services for Mining Industry

PT Orekus Bhumi Servitia core value of “getting the geology right” is fundamental because geological and genetic model of mineral deposit is the pivotal point in resources and reserve calculation.

We are able to strategize exploration program and then execute the exploration program in various stages from selecting area - reconnaissance survey - semi-detailed exploration - detailed exploration to mining feasibility study.





Services for Geothermal Industry

In Geothermal industry, PT Orekus Bhumi Servitia focus to provide services in exploration stage of geothermal development. The services comprises of :

- Desktop and literature review and remote sensing analysis on geological structures and geothermal system in particular area
- Detail geological mapping (lithology, stratigraphy, structural geology, alteration)
- Structural geology analysis, main objectives is to find favorable condition for permeability within geothermal system
- Geophysical survey and analysis i.e. gravity, magnetic, magneto-telluric survey
- Geothermal system analysis
- Data integration on a GIS platform
- Borehole image analysis for current state of stress related to permeability



Services for Oil and Gas Industry

In large scale and complex Oil and Gas industry, PT Orekus Bhumi Servitia narrow the services on G & G studies (Geological and Geophysical Studies) and Engineering Environment.

G & G studies

- Comprehensive literature review to revisit play and control in basin analysis
- Potential field and regional geology analysis for basin development and structural geology
- Structural geological mapping and analysis (state of geological stress)
- Detail geological mapping
- Seismic interpretation
- Petroleum system analysis
- Data integration on a GIS platform
- Borehole image analysis for state of stress

Engineering and Environment

- Drivability analysis
- Geotechnical investigation
- Geohazard analysis
- Lidar and Topographic Survey
- Environmental Site Assessments



Other Services

Our specialty is providing top-notch geoscientific research and training services to enhance earth science knowledge, technical proficiency, and practical skills. We seek to connect scientific research with practical applications to assist businesses, governmental organizations, and educational institutions in tackling difficult geological problems.

Geoscientific Research & Analysis

- We carry out both basic and practical research in a number of geoscientific fields, including hydrogeology, mineralogy, sedimentology, stratigraphy, structural geology, and geohazards. Our study supports planning for sustainable development, resource appraisal, environmental assessments, and exploration operations.

Custom Training Programs & Workshops

- We create and present customized training programs for professionals, learners, and organizations that address subjects including remote sensing applications, subsurface interpretation, GIS for geosciences, geological mapping, and geotechnical analysis. Our programs blend practical field and lab experiences with theoretical underpinnings.
- Capacity Building for Industry & Government
- By offering technical mentoring, specific short courses, and knowledge transfer programs in line with current industry requirements and scientific breakthroughs, we help firms develop geoscientific competence.

Field-Based Learning & Applied Geology Expeditions

- Our team plans supervised field trips and geological excursions to enhance observational abilities, data collection methods, and real-time geological problem-solving.



PARTNERS



Bukit Raya Sekawan



PEM AKAMIGAS
POLITEKNIK, ENERGI DAN MINERAL AKAMIGAS



Contact Us

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