

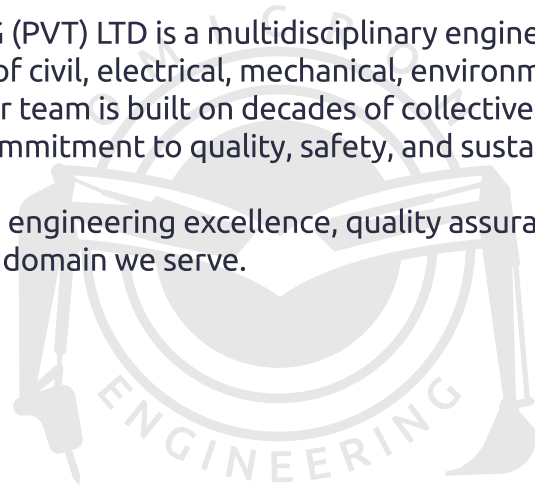
**OMICRON ENGINEERING (Pvt) Ltd**

*"Building with Integrity, innovating with purpose"*

# About Us

OMICRON ENGINEERING (PVT) LTD is a multidisciplinary engineering company offering a full spectrum of civil, electrical, mechanical, environmental, geotechnical and mining solutions. Our team is built on decades of collective experience, innovation, and a firm commitment to quality, safety, and sustainability.

Omicron is committed to engineering excellence, quality assurance, and client satisfaction across every domain we serve.



# Our Vision

To be a nationally recognized name in engineering excellence, setting the benchmark in innovation, integrity, and sustainable development.

# Our Mission

To provide end-to-end, innovative, and sustainable engineering solutions with unmatched precision and quality — leveraging multidisciplinary expertise, advanced technologies, and a commitment to continuous improvement. We aim to empower communities, support national development, and uphold the highest standards of integrity, client focus, and professional responsibility.



## Message from the CEO

As the founder and CEO of **Omicron Engineering Pvt. Ltd.**, I am proud to lead a company committed to advancing engineering excellence in Pakistan. I graduated with an Honors degree in Civil and Construction Engineering from Curtin University, Australia — an institution ranked among the top 1% of universities globally. While I had the opportunity to settle abroad, my passion for contributing to the growth of my homeland brought me back, equipped with global knowledge and innovative practices.

My goal has always been to bridge the gap between international engineering standards and local expertise, delivering superior, reliable, and sustainable solutions across multiple engineering disciplines. Through Omicron Engineering, I aim to inspire a new era of technical excellence, professionalism, and integrity in Pakistan's engineering industry.

## Our Professional Team

At **Omicron Engineering**, we take immense pride in our multidisciplinary team of highly qualified professionals. Our experts include seasoned engineers, specialists, and PhD doctors in various engineering fields, ensuring that every project benefits from in-depth expertise, innovative problem-solving, and a collaborative spirit. Together, we are committed to delivering solutions that meet the highest standards of quality, technical precision, and client satisfaction.

SECURITIES AND EXCHANGE COMMISSION OF PAKISTAN

Business Centre at Head Office Islamabad

CERTIFICATE OF INCORPORATION

[Under section 16 of the Companies Act, 2017 (XIX of 2017)]

Corporate Unique Identification No. 0279691

I hereby certify that **OMICRON ENGINEERING (PRIVATE) LIMITED** is this day incorporated under the Companies Act, 2017 (XIX of 2017) and that the company is **Limited by shares**.

Given at **Islamabad** this **Twenty Seventh** day of **December**, Two **Thousand** and **Twenty Four**



<https://leap.secp.gov.pk/#/verify-company-info/0279691>

This is an electronically generated document and does not require a physical signature

Disclaimer: This certificate of incorporation is not a permission to accept deposits from the general public by offering fake jobs/investment packages and return thereon, indulge in leasing/financing of vehicles and household products etc., MLM, Pyramid and Ponzi Schemes, Lottery Business, trading in forex and virtual currencies or any other unlawful business activities



Government of Pakistan  
Federal Board of Revenue  
Inland Revenue Services

TAXPAYER REGISTRATION CERTIFICATE  
(Under Section 181C of the Income Tax Ordinance 2001)

Registration No.	F812800	
Date of Registration	27-Dec-2024	
Type of Person	Company	
Inc. No.	0279691	
Inc. Date	27-Dec-2024	
Name	OMICRON ENGINEERING (PRIVATE) LIMITED	
Address	First Floor, House No. 98, Main Double Road, Sector G-13/2, Islamabad, - , - , Pakistan	
Tax Office	CTO ISLAMABAD	
Activity Type	Business	

This is a computer generated certificate and, hence, no signatures are required.

Displaying of Taxpayer Registration Certificate is mandatory as provided under section 181C of Income Tax Ordinance 2001.

This is not a valid evidence of being a "filer" for the purposes of clauses (23A) and (35C) of sections 2 and 181A of the Income Tax Ordinance 2001.



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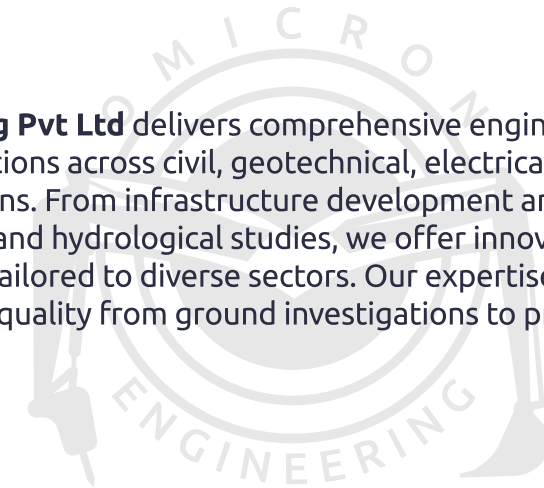
DATE OF PRINT: 09-Jan-2025

[helpline@fbr.gov.pk](mailto:helpline@fbr.gov.pk) [www.fbr.gov.pk](http://www.fbr.gov.pk)



# Our Services

**Omicron Engineering Pvt Ltd** delivers comprehensive engineering, construction, and consultancy solutions across civil, geotechnical, electrical, mechanical, and environmental domains. From infrastructure development and energy systems to advanced geological and hydrological studies, we offer innovative, reliable, and sustainable services tailored to diverse sectors. Our expertise spans surface to subsurface, ensuring quality from ground investigations to project execution and monitoring.





# 1. Civil & Infrastructure Engineering

## Roads & Transportation Infrastructure

- Construction of highways, runways, pavements, culverts, bus bays, open car parks, road signage & toll collection systems, road reinstatement and related works such as kerbs, footways etc.
- Installation of an integrated sign posting system for complexes, airports, shopping centres, etc.
- Setting up of exhibition stands and road signs

## Bridge Structures

- Construction of prestressed and post tension concrete bridges
- Construction of masonry, timber, steel & railway bridges
- Construction of suspension and pedestrian bridges
- Construction of canal bridges & culverts

*Continue ...*





### **Buildings Construction**

- Construction of high-Rise, Prefabricated & Steel-Framed Buildings
- Construction of Industrial Plants
- Light gauge pre-engineering galvanized steel structures
- General building works, including fixing partitions, roofing and general maintenance of buildings

### **Sewerage Works and Water Supply**

- Construction of RCC sewerage & drain works
- Installation, maintenance and repair of water supply pipelines, pumping stations, tube wells, water treatment works etc

### **Tunnels & Underground Construction**

- Tunneling & Underpinning Works

### **Oil and Gas Pipe Lines**

- Installation, maintenance and repair of oil and gas pipelines

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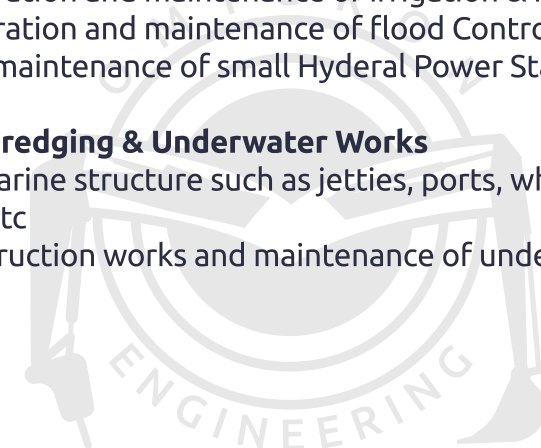


### **Dams / Water Retaining Structures, Irrigation & Flood Control Systems**

- Construction of water retaining structure such as dams, reservoirs, aqueducts, treatment plants, pipe laying works etc
- Construction, operation and maintenance of irrigation & Flood Control Systems
- Construction, operation and maintenance of flood Control Systems
- Construction and maintenance of small Hyderal Power Station

### **Marine Structures, Dredging & Underwater Works**

- Construction of marine structure such as jetties, ports, wharves, harbors, sea and river walls works etc
- Underwater construction works and maintenance of underwater construction works
- Dredging works



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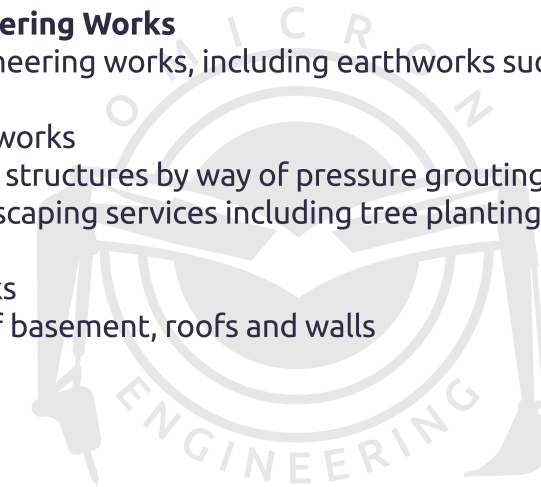


### **Offshore Works**

- Construction of offshore works as needed.

### **General Civil Engineering Works**

- General civil engineering works, including earthworks such as cut-fill, sub-soil drainage, etc
- Slope protection works
- Reinforcement of structures by way of pressure grouting, guniting, etc
- Provision of Landscaping services including tree planting, turfing, horticulture etc
- Reclamation works
- Water proofing of basement, roofs and walls







## 2. Geo-tech Services

- Geophysical Studies
- Geo technical Investigations
- Construction Material Studies
- Core & Non-Core Drilling
- Non-Destructive Testing
- Groundwater Exploration
- Groundwater Exploitation
- Minerals Reserves Estimation
- Digital Image Processing
- GIS Development & Solution
- Software Development
- Environmental Studies
- Piling Works
- Soil Dynamics / Liquefaction Studies
- Rock Mechanics Studies
- Slope Stability Studies
- Deep Excavation Support Systems
- Topographic Surveys
- Laboratory Testing Facilities





### 3. Electrical & Renewable Energy Solutions

- Solar Energy System Installation & Maintenance
- Wind and Solar Hybrid Solutions
- Solar LED Street Lighting
- Power Plant O&M (Hydro power, Thermal, Combined Cycle)
- Low & High Voltage Systems
- General Electrical Works
- Building Automation, Surveillance, Fire Alarm & Security Systems





## 4. Mechanical, HVAC & Specialized Installations

- HVAC Systems (Cooling, Ventilation, Cold Storage)
- Fire Protection & Detection Systems
- Lifts, Escalators, Generators, Compressors
- Water Supply & Sanitary Systems
- Specialized Mechanical Fabrications (Chillers, Pollution Control, Medical & Kitchen Equipment)
- Mechatronics, Metallurgy, Industrial & Mining Works





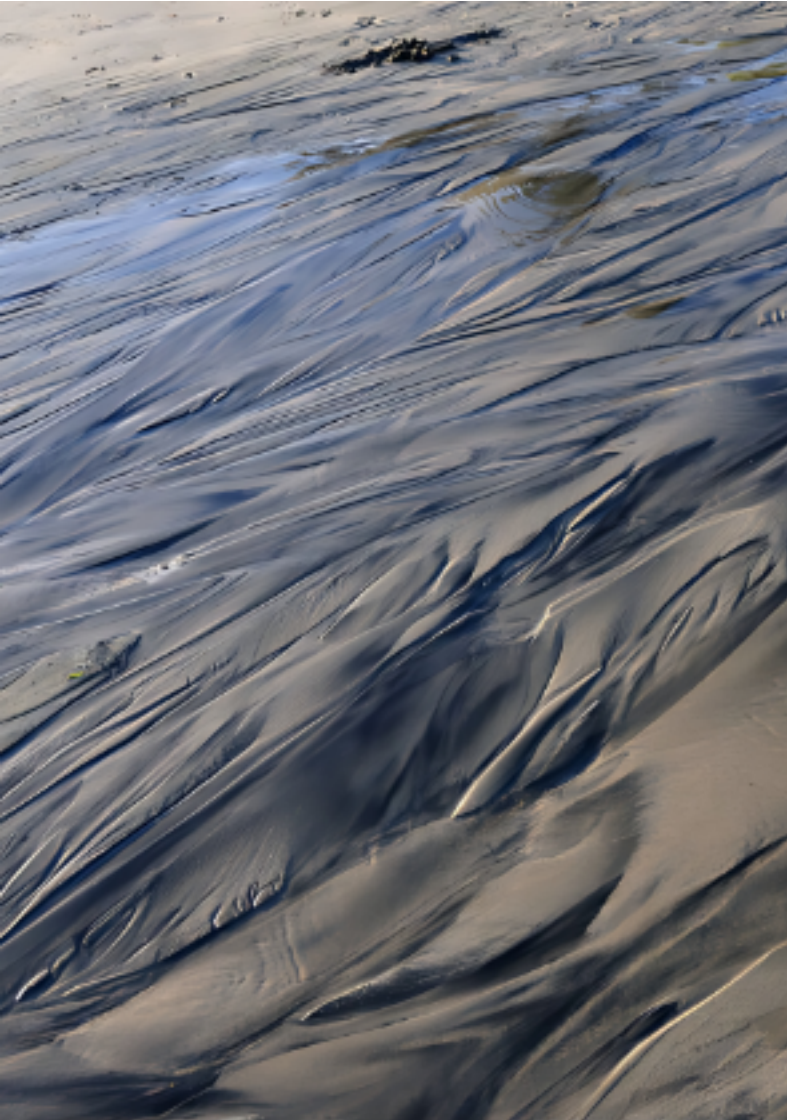


## 5. STRUCTURAL GEOLOGY / TECTONICS / SEDIMENTOLOGY

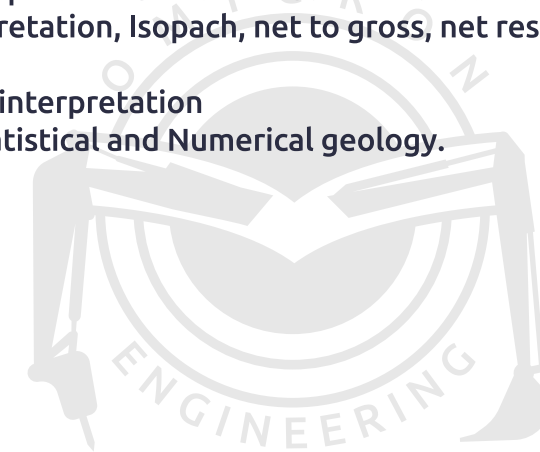
- Geological and Geophysical Reports for Petroleum Exploration.
- Prospect generation and evaluation including risk analysis and to prepare venture evaluations, new blocks for explorations activities, tendering for different exploration activities and reserve estimates.
- Structural Geology, Sequence Stratigraphy, shear zones fault stress analysis, micro structures, Tectonics, Micro-Tectonics, Neotectonic and Palaeocurrent analysis.
- Basin analysis, Modeling and assessment of petroleum system and play.
- Sedimentological, Porosity and Permeability studies.
- Carbonate, Clastic and Fluvial Sedimentological studies.
- Application of sedimentary process, Structural Geology, Geophysical data

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- interpretation and Geochemistry to identify hydrocarbon potential.
- Integration of Geological studies in support of appraisal, development drilling and field development planning
  - Regional Stratigraphic and Structural Correlations studies.
  - 2D Seismic interpretation, Isopach, net to gross, net reservoir and porosity maps.
  - Wireline Logging interpretation
  - Application of Statistical and Numerical geology.







## 6. HYDROGEOLOGY / HYDROLOGY WATER / WASTE WATER

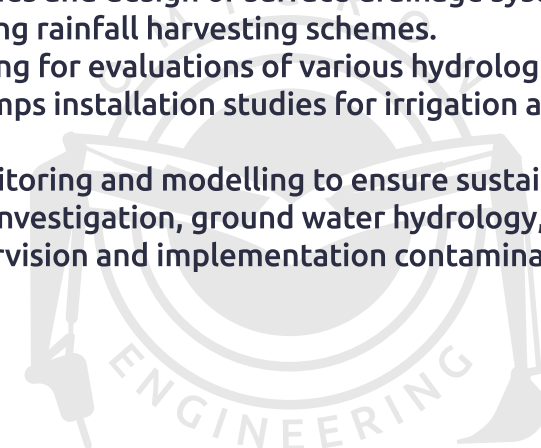
- Exploration of surface water and groundwater resources in semi humid, arid, desert and in remote areas.
- Project planning, cost estimation and feasibility studies of water projects. Water resources assessment studies covering engineering, financial, social and environmental aspects involving user communities at all stages.
- Geophysical surveys for ground water exploration, Electrical Resistivity Survey, Resistivity profiling, Depth Sounding, Capacitative Coupling, Water Quality assessment, Establishment of water quality monitoring and its SOPs.
- Geophysical Borehole logging.
- Video inspection of water wells, abandoned tube wells and their rehabilitation program.
- Investigation, design and supervision of groundwater development systems.

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- Design, establishment and operation of various water resources monitoring system and recommendations for improvement and upgradation.
- Development strategies for the proper disposal of saline / polluted water.
- Hydrological studies and design of surface drainage system and the hydraulic structures including rainfall harvesting schemes.
- Computer modeling for evaluations of various hydrological projects.
- Automatic lift pumps installation studies for irrigation and drainage effluents disposal.
- Hydrological monitoring and modelling to ensure sustainability of projects.
- Hydrogeological investigation, ground water hydrology, feasibility studies, engineering supervision and implementation contamination and waste management.

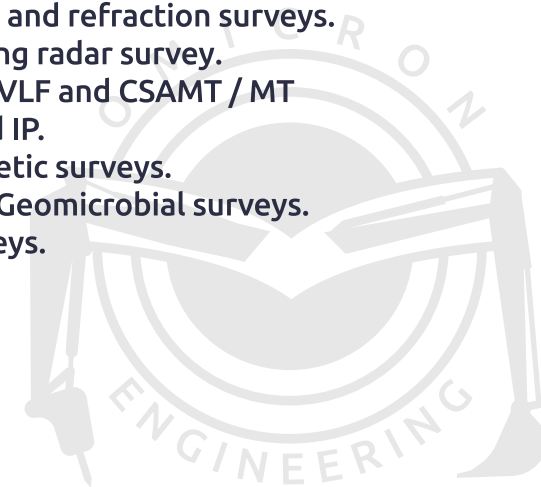






## 7. GEOPHYSICS/SURVEYS

- Seismic reflection and refraction surveys.
- Ground penetrating radar survey.
- Electromagnetic, VLF and CSAMT / MT
- Resistivity, SP and IP.
- Gravity and magnetic surveys.
- Geochemical and Geomicrobial surveys.
- Topographic surveys.





## 8. MINERAL EXPLORATION

- Mineral Exploration and raw material, Surveys including Geological and Geophysical.
- Identification of geological origin and distribution of earth material.
- Satellite data processing and remote sensing for mineral exploration.
- Feasibility studies and economic analysis of mineral development.
- Reserve estimations of all kinds of quarries and mining operations.
- Organize and develop Mine Geology Systems for Mapping grade control, Ore extraction, Ore quality monitoring, Data management and production reconciliation systems.
- Geological input into the mine planning and scheduling process. Planning and implementing of grade control activities, including modelling of grade control data, Daily optimization of Mine performance including stockpile management and contractor supervision to minimize dilution and ore loss.
- Planning and supervision of grade control sampling activities, Supervision,

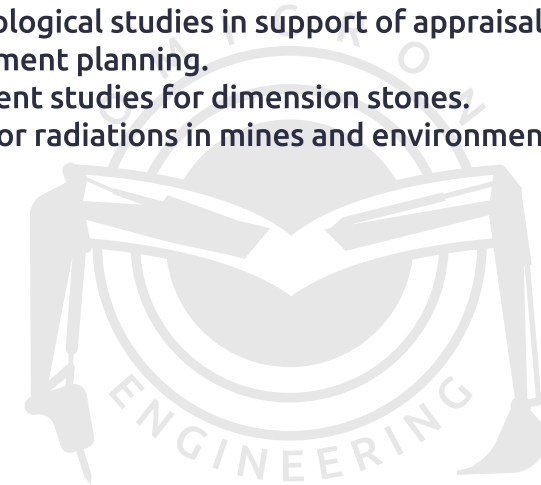
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monitoring and analysis of grade control QA/QC programs, Regular reporting of mine activities Assistance with resource modelling and estimation Ore block modelling and reconciliation.

- Integration of Geological studies in support of appraisal, development drilling and field development planning.
- Quarry development studies for dimension stones.
- Risk assessment for radiations in mines and environments.



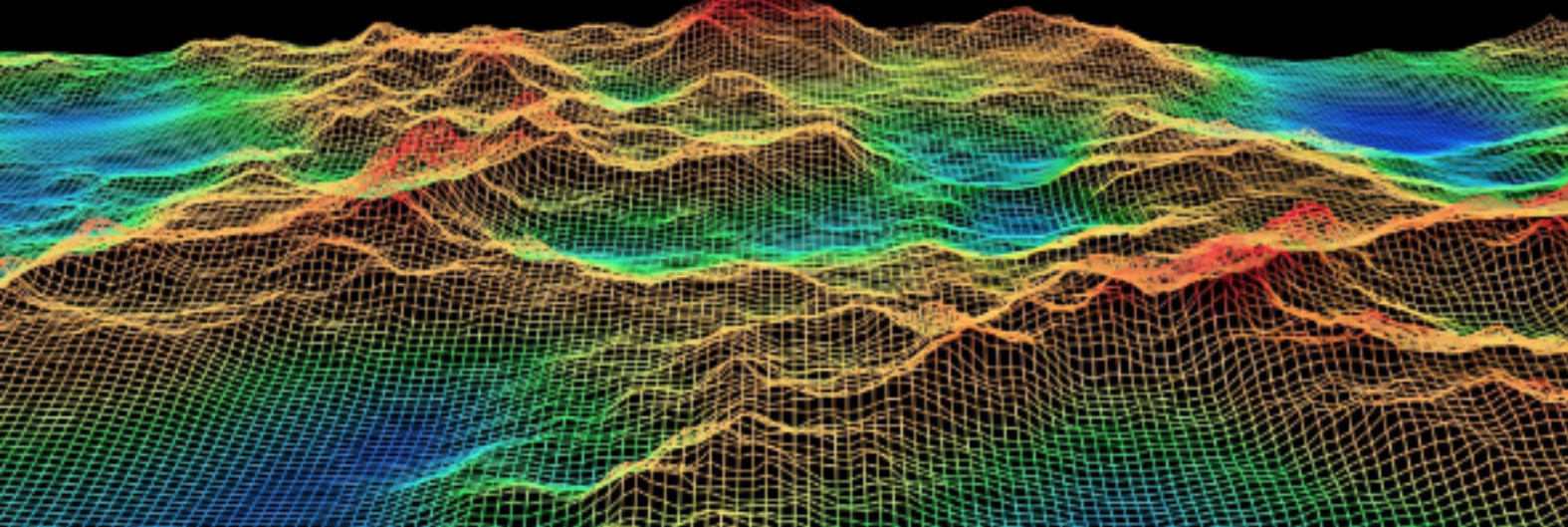




## 9. GEOHAZARDS / SEISMOLOGY / NANOTECTONICS

- Seismic Hazards analysis for Civil Structures. Seismotectonics, Earthquake Seismology and Engineering Seismology.
- Neotectonics studies for identification of ground / fault movement.
- Earthquake Hazard Mitigation and design of safe structures against earthquakes.
- Landslide hazards assessment.
- Avalanche hazards assessment.
- Flood risk assessment and Flood Damage assessment/control.





## 10. REMOTE SENSING / GIS

- Reconnaissance / Feasibility studies by using RS / GIS.
- Earth prospection and exploration by using GIS / RS techniques.
- Geological mapping Using Latest GIS, G.P.S and Remote Sensing techniques.
- Pre-Post analysis of satellites imageries.





## 11. ENVIRONMENTAL IMPACT ASSESSMENT

- Initial Environmental Examination (IEE), Environmental Impact Assessment (EIA), Social Environmental Impact Assessment (SEIA), Natural Resource Damage Assessment (NRDA), as per IAEA guidelines.
- Environmental and natural resources conservation, Clean Development Mechanism (CDM), Water testing for pollution control and monitoring.
- Emission sampling, control, monitoring and remedial measures.
- Environmental Management System (ISO-14001) based on field data.
- Assessment of contaminated soil, surface water, groundwater and industrial effluents.
- Data collection, evaluation and designing of treatment systems for contaminated sites.
- Project management for remediation and reclamation of contaminated and reclamation of contaminated sites.
- Management plans for Protected Areas.
- Management Survey plans for sustainable ecological and socioeconomic benefits of communities.





## 12. GEOTHERMAL ENERGY

- Geothermal exploration: Identification and assessment of geothermal field, Estimation of the size of the resources
- Location of productive zones, Determination of the heat content of the fluids present in the geothermal field, Assessment of the pre-exploration values of environmentally sensitive parameters.
- Geophysical and geochemical techniques for identification and assessment of geothermal resources.
- Identification and Survey of hot springs and geological structures for assessment of geothermal resources.
- Environmental Impact Assessment (EIA) of geothermal energy development projects
- Technical appraisal for electricity generation from geothermal heat.
- Assessment of geothermal energy for desalination of water for potable uses.
- Techno-Economic feasibility of geothermal energy projects.

# Why Choose Omicron?

- ✓ One-Stop Engineering Solutions
- ✓ Multi-Disciplinary Expertise
- ✓ Certified by PEC, SECP and other regulatory bodies.
- ✓ Emphasis on Quality & Sustainability
- ✓ Dedicated Client Support & Customization

# Contact us



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