



GEOTECH SURVEY SOLUTIONS

Your One-Stop Shop in Mining Consultancy

Mine Planning • Geological Surveying • Environmental Management • Liaisoning Works

Recognized by Government of Maharashtra, Directorate of Geology and Mining

www.geotechsolutions.com

Who We Are

Geotech Survey Solutions is recognized by the Government of Maharashtra under the Directorate of Geology and Mining, as a qualified agency to conduct survey works including Geo-referenced Mining Lease / Prospecting License Maps and Cadastral Maps using Differential Global Positioning System (DGPS).

Born from the need for a well-organized, end-to-end consulting service for the metal mining industry, we are backed by an expert team dedicated to client-centric, ethical service delivery across India.

- Highly sophisticated, advanced survey tools
- Client-centric approach with ethical policies
- Vast client base across the Indian market

2015

INCORPORATED

10+

YEARS ACTIVE

28

STATES SERVED

Our Journey



Why Choose Us



Client-Centric Approach

Customized solutions built around each client's specific mining project needs.



Advanced Tools & Technology

Sophisticated DGPS and survey technology for maximum precision.



Ethical Business Policies

Strict ethical standards that build lasting client relationships.



Mining Plans & Surveys

Deep expertise across Mining, Survey, and Environmental disciplines.



Pan-India Presence

Seamless liaisoning coverage with government bodies nationwide.



25+ Years Combined Experience

International exposure across India, the Middle East, Africa & Malaysia.

Core Competencies



Mining

- First Class Mine Manager, 25+ yrs experience
- India, Middle East & Africa exposure
- Iron, Manganese, Aggregates & Nickel



Geology

- Masters in Geology, 20 years experience
- Geological plan & section preparation
- Ore body distribution analysis



Survey

- DGMS Approved Mine Surveyor
- 20+ years professional surveying
- DGPS & geo-referenced mapping



Environmental Engineering

- Masters in Environmental Management
- 20+ years in Mining Industry
- Mine closure & rehabilitation planning

Core Competencies



Mapping and lanning

- Masters in Geology, 20 years experience
- Geological plan & section preparation
- Ore body distribution analysis



Core Competencies



Survey

- DGMS Approved Mine Surveyor
- DGPS & geo-referenced mapping
- 20+ years professional surveying



Core Competencies



Mining

- First Class Mine Manager, 25+ yrs experience
- India, Middle East & Africa exposure
- Iron, Manganese, Aggregates & Nickel



Leadership Team



S. Gopal

First Class Mine Manager

25+ yrs — India, Middle East & Africa



G. Mohan Krishna

Mining Engineer

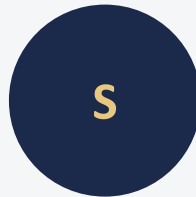
20+ yrs — India, Malaysia & Africa



Vinod N. Madurwar

Second Class Mine Manager

25+ yrs — RQP Certified



Sachin

Master in Geology

20 yrs — India & Africa



K. Srinivas Reddy

DGMS Approved Surveyor

20+ yrs — DGPS Operations

Also featuring Galab Khan, Environmental Engineer — Masters in Environmental Management, 20+ years in the Mining Industry.

WHAT WE DO

Our Core Services

Four integrated service lines covering the full lifecycle of a mining project.

01

Mine Planning Service

Opencast & underground planning, technical analysis, project economics.

02

Geological Surveying

DGPS, GPS, LIDAR, GPR & hydrographic survey solutions.

03

Environmental Management

EIA, EC, CRZ & forest clearance

04

Liaisoning Works

Plan approvals & statutory compliance across all departments.

Mine Planning Service

Comprehensive analysis of every technical aspect of your mine, delivered for both opencast and underground methods — all under one roof, at nominal cost.

- Comprehensive technical analysis of your mine
- Services for opencast mining methods
- Services for underground mining methods
- Nominal pricing with quality assurance

20+

YEARS EXPERIENCE

2

MINING METHODS

100%

COMPLIANCE

Technical Analysis

Resource estimation, pit design & optimization, production scheduling, equipment planning.

Opencast Mining

Bench design, slope stability analysis, blast design, haul road optimization.

Underground Mining

Stope design & sequencing, ventilation planning, ground support, backfill design.

Project Economics

Capex/opex estimation, NPV analysis, risk assessment, regulatory compliance.

Geological Expertise

A team of qualified field geologists with 20+ years of experience in geological and structural mapping across all major terrain types.



Igneous Terrain

Mapping intrusive bodies & volcanic structures; mineralization from magmatic processes.



Metamorphic Terrain

Metamorphic facies, foliation patterns & mineral assemblages controlling ore.



Sedimentary Terrain

Basin analysis, stratigraphic correlation & sediment-hosted deposit interpretation.

Structural Controls & Mineral Exploration

Field mapping reveals the structural controls, mode of occurrence, and genesis of a deposit — a detailed study of faults and folds is a foundational asset in mineral exploration, used to identify ore-controlling structures and optimize exploration targeting.

Structural Mapping

Deposit Genesis

Mode of Occurrence

Exploration Targeting

Geological Surveying Services

A staged project implementation process delivers surveys on time and on budget — using state-of-the-art equipment across eight specialized survey types.

1

DGPS Survey

High-precision boundary demarcation

2

GPS Survey

Positioning, navigation & mapping

3

Highway Surveys

Road & infrastructure projects

4

Pipeline Surveys

Oil, gas & water pipeline routing

5

Property Tax Surveys

Cadastral & boundary mapping

6

Hydrographic Studies

Marine & freshwater surveys

7

GPR Survey

Subsurface imaging & detection

8

LIDAR Survey

High-resolution 3D terrain mapping

ENVIRONMENTAL IMPACT ASSESSMENT & ENVIRONMENTAL STUDIES

1

**Environmental Impact
Assessment (EIA)**

2

**Environment Management Plan
(EMP) Preparation**

3

Environmental Audit

4

**Green Building / Green Factory
Certification**

5

Air Quality Modelling

6

Noise & Vibration Modelling

7

**Ground Water Contamination
Modelling**

8

Soil Investigations

9

Geo-technical Investigations

10

Ecological Assessment

11

**Technical Support for obtaining
Consent to Establish (CTE) /
Consent to Operate (CTO) from
Pollution Control Board (PCB)**

12

**Mine and Industrial
Environmental Closure
Cost Assessments**

Liaisoning Works

Plan approval and liaisoning across all government departments and agencies — handled in strict compliance with corporate standards, at nominal charges.

20+

STATES COVERED

100%

COMPLIANCE

Fast

APPROVAL TRACK

Statutory Compliance Coverage

Industrial Compliance

Factory license, boiler inspections

Environmental Clearance

EIA, EC, CRZ & forest clearance

Construction Permits

Building & occupancy certificates

Water & Sewage

NOCs & groundwater clearances

Electrical & Fire

Inspectorate & fire NOC approvals

Transport & Labour

RTO & labour license registration

Staged Implementation Process

1

Project Assessment

Initial consultation & site assessment to understand requirements.

2

Planning & Design

Customized survey plan with methodology & resource allocation.

3

Field Execution

Professional team deployment with advanced equipment.

4

Delivery & Support

Comprehensive reporting, analysis & ongoing technical support.

A Track Record That Speaks

A comprehensive portfolio of government and private sector projects showcasing our expertise in mining consultancy and DGPS survey services across India.

5K

PROJECTS COMPLETED

10

GOVERNMENT CLIENTS

200+

PRIVATE CLIENTS

20+

STATES COVERED

From ports and municipal corporations to national mining majors, our portfolio spans coastal infrastructure, cement and aggregates, real estate, and mineral extraction projects nationwide.

Trusted by Public Sector Institutions



Jawaharlal Nehru Port Trust (JNPT), Mumbai



Brihanmumbai Municipal Corporation (BMC)



Maharashtra Tourism Development Corp.
(MTDC)



Kalyan Dombivli Municipal Corporation (KDMC)



Navi Mumbai Municipal Corporation



Western Railway



Hindustan Copper Limited, Chhattisgarh



Airport Authority of India, Mumbai



N.M.D.C., Dhonimalay Sandur

Partnered with Industry Leaders

UltraTech Cements

Lafarge Aggregates & Concrete

Lavasa Corporation Ltd

Genko India (GMR Group)

Modern Road Makers (IRB Group)

RMC Readymix (Prism Cement)

Robo Silicon Pvt Ltd

Palava (Lodha) Dwellers

Motilal Dhoot Infrastructure

Prathibha Industries Ltd

J.M. Mhatre Infra Pvt Ltd

Thakur Infraprojects Pvt Ltd

Additional partners include Nanu Industries (Goa), Sapana Ceramics, Forest Quarry Association (Thane), Quarry Owners Association (Pune), BGR Construction LLP, and the Umnawe Mining Plan project, Meghalaya.

Pan-India Liaisoning Coverage

We undertake liaisoning work throughout India, ensuring seamless coordination with government bodies and statutory compliance across states and union territories.

28

STATES COVERED

12+

ACTIVE REGIONS



Network Advantage

- Associate network across India
- Efficient coordination with any location
- Consistent corporate-standard delivery
- Regular follow-ups, no delays

Contact Us

Reach out for professional mining consultancy, DGPS survey services, and pan-India liaisoning support.



Office Address

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Business Hours

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Need Urgent Assistance?

Call now: +91 93204 11786



Partner With Industry Experts

Leverage decades of combined experience in mining consultancy, survey, and environmental management for your next project.

CALL US

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VISIT US

www.geotechsolutions.com