

# GEO MARINE SOLUTIONS PVT.LTD.

*'Exploring Earth & Ocean'*



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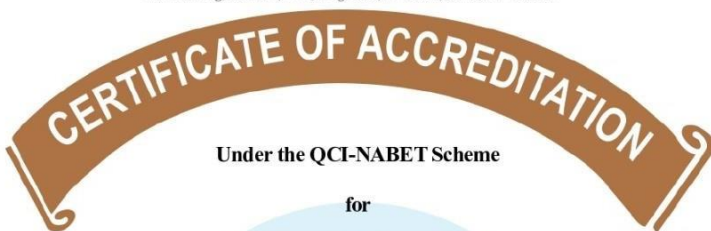
**NABET** National Accreditation Board for Education and Training

ITPI Building, 6th Floor, 4 - A, Ring Road, I.P Estate, New Delhi - 110002



**QUALITY COUNCIL  
OF INDIA**

Creating an Ecosystem for Quality



Under the QCI-NABET Scheme

for

**ACCREDITATION OF EXPLORATION AGENCIES  
IN MINERAL SECTOR**

**Category B Exploration Agency**

**M/s Geo Marine Solutions Pvt. Ltd.**

Address: 4-35/4 (10), Sankaigudda, Bejai KARNATAKA DAKSHINA KANNADA-575004

**SCOPE COVERAGE**

Preparation of Comprehensive Geological Report

- Bedded Stratiform & Tabular deposits
- Float & placer deposits

**Note:** Names of approved Project Coordinators and Technical Area Experts are mentioned in IA AC Minutes dated Aug 17, 2022 on QCI-NABET website.

*The Accreditation shall remain in force subject to continued compliance to the terms and conditions mentioned in NABET's letter of accreditation bearing no.QCI/NABET/AEA/ACO/22/011 dated Sep 02, 2022.  
The accreditation needs to be renewed before the expiry date by M/s Geo Marine Solutions Pvt. Ltd. following due process of assessment.*

Sr. Director, NABET  
Issue Date: Sep 02, 2022

Certificate No.  
NABET/AEA/011

Valid Upto  
Aug 16, 2025



## **VISION**

Be the top transnational Earth-Sciences service provider in both land and offshore domains.

## **MISSION**

To provide value-added services to the natural resources industry for utilization of resources in a sustainable way.

## **COMPANY PROFILE**

Geo Marine Solutions Pvt. Ltd. is established by the former scientists of the Geological Survey of India (GSI) and the National Institute of Oceanography(NIO)-the top-notch earth and ocean science research institutions in India.

### **Expertise:**

A steadfast customer focus is the crux of our business. With a reputation for delivering quality projects on time, the company undertakes:

- Mineral Exploration on land and offshore areas
- Oceanographic Surveys
- Geophysical Surveys (onshore & offshore)
- Marine Geotechnical Studies
- Engineering Geology and Landslides
- Marine Ecological and Environmental Studies
- Reservoir Storage Evaluation and Sediment Resource Exploration
- Sustainable Coastal Protection
- Hydrological Studies and Modeling

### **Global Reach:**

Our talented team consists of nationally and internationally acclaimed geologists, geophysicists GIS Engineers, oceanographers and hydrologists.

Internationally, we have carried out major projects in the Middle East for QPMC, Al-Ruwais Port Authority and Doha Port Authority. Geo Marine along with Gulf Labs and COWI, Doha was awarded the first offshore mineral resource evaluation project by Qatar Primary Material Company, (QPMC) for construction-grade offshore Sand Resource Exploration in Qatar.

We are the only private company in India with transnational operations in marine mineral resources exploration for offshore mineral wealth.



## **CORE COMPETENCY**

### **Mineral Exploration:**

Geo Marine is accredited by the Quality Council of India (QCI-NABET) in the mineral sector as empanelled agency in India for mineral exploration services. Ministry of Mines, Govt of India has gazette notified our firm as Notified Private Mineral Exploration agency. We have large pool of experts who are capable of taking up geological and geophysical surveys for mineral exploration globally.

We have proved a resource of 1200 Million Metric Tons of High-grade Limestone as per the G2 level of UNFC standards in YSR Kadapa District, Andhra Pradesh, India for the Dept. of Mines and Geology, Andhra Pradesh. We have executed G3 level exploration projects as per UNFC standard for Iron ore in Karnataka for MECON/KIOCL, which is now planned to be explored for UNFCG1 level. 660 million Tons of marine sand resources off Abu Samra, Qatar, suitable as fine aggregate for Masonry mortar was explored and proved by the Consortium of Geo Marine Solutions & Gulf Labs. Carried out Exploration for Heavy Mineral Placers on the Guelmim Beach Sands, Morocco in 2019 and also in Kalimantan area of Indonesia during 2018-19. Engaged in limestone exploration in Sohar, Oman during 2019-20.

### **Marine Geotechnical Studies:**

We have executed five marine geotechnical investigations within a short time viz. for Karwar Port Development, Offshore Reef structure at Pondicherry, Alvekodi-Bhatkal harbor development, Offshore reef structures at Someshwara, Mangalore and Udyavara, Udupi.

### **Sustainable Coastal Protection:**

As members of the Consortium for Sustainable Coastal Protection and Management Investment Programme (SCPMIP) with FCGANZDEC, New Zealand- an ADB-funded project in Karnataka, we have successfully implemented sustainable coastal protection measures in nine erosion-prone areas of Karnataka State, India. The NH -66 Stretch adjacent to the Seashore at Maravanthe, Karnataka stands as a testimony to the effectiveness of sustainable measures of coastal protection.



## **Marine Ecology and Hydrodynamic Modelling:**

We have executed hydrodynamic modelling studies in association with NIT, Calicut and Marine Ecology studies in association with MECON, Bangalore for the MOEFCC clearance for the establishment of Integrated Coastguard Academy(ICGA) at Kenjaru, Mangalore.

## **Hydrographic, Oceanographic & Marine Geophysical Surveys:**

Geo Marine has been carrying out periodic hydrographic surveys for New Mangalore Port Trust since 2019. We have also completed several projects in the offshore domain for hydrography, geophysical surveys and Oceanography. The National Institute of Ocean Technology has awarded us a national project for "the Quality Control, Quality Assurance and Data Processing work for the shallow water bathymetry and topographic surveys for the entire Eastern Coast of India, spanning about 2500 Km of shoreline covering the states of West Bengal, Odisha, Andhra Pradesh, Tamil Nadu. The project is nearing completion. Side scan sonar surveys sub-bottom profiling was conducted by us for Stage -2 of Karwar Port Development in Dec 2021. The side scan survey mapped many objects strewn on the seabed within the port limits.

## **Reservoir Sedimentation and Storage Capacity Evaluation:**

Our competent team has completed successfully more than twelve reservoir studies in India. Thus, becoming pioneers in Reservoir Storage and Sediment Resource Evaluation studies. We are also empaneled by the Kerala Govt. Department-KEMDEL for Reservoir Storage and Silt Analysis studies. We executed sediment resource exploration by underwater coring and drilling in four reservoirs to collect sediment cores and further for sediment resource evaluation studies. Integrated survey by Hydrography and by Drone and using satellite remote sensing data was pioneered by Geo Marine in reservoir survey domain.

## **Aerial Survey by drone:**

We are the pioneers in India for integrated study combining drone survey and hydrographic survey in water bodies. We have conducted drone surveys for difficult sites like many municipal waste dump yards to evaluate the exact dump volumes at different sites using drone survey technology. We have aerielly mapped large areas of 100 km and more for reservoir mapping of large reservoirs.



## TECHNICAL TEAM: KEY RESOURCE

<p><b>E. Hanumantha Rao, M.Sc. (Geology); M.Tech. Geo-Engineering, MAusIMM (Member, Australasian Institute of Mining and Metallurgy)</b></p> <p><b>(Head, Geological Exploration Wing, Geo Marine Solutions Pvt. Ltd.)</b></p>	<p><b>Expertise: Exploration for Gold, PGE, Base metals, Iron ore, Coal, Lignite, Bauxite, Magnetite, Limestone, Diamond etc. In varied geological environs of India, Tanzania, Jordan and Cote D' Ivoire and West Africa.</b></p> <p><b>Worked in the following capacities:</b></p> <ol style="list-style-type: none"><li>1. CEO, Mineral Exploration Research and Innovation Trust (MERIT), Dept. of Mines &amp; Geology, Govt. of Andhra Pradesh, A.P., India</li><li>2. General Manager (Geology), Andhra Pradesh Mineral Development Corporation Ltd, India</li><li>3. Chief Geologist, Tata Steel, CoteD'Ivoire, S.A (TSCI), Cote D'Ivoire, West Africa.</li><li>4. General Manager &amp; HoD/Geology, Neyveli Lignite Corporation Limited, Tamilnadu, India.</li><li>5. Senior Manager (Geology), National Mineral Development Corporation Limited (NMDC), India</li><li>6. Senior Geologist with Geological Survey of India (GSI), India</li></ol>
<p><b>P. Praveen Kumar, M.Sc. (Tech.) Applied Geology</b></p> <p><b>Former Director, Marine &amp; Coastal Survey Division, Geological Survey of India (GSI).</b></p> <p><b>Former Head of Research Vessel Management Dvn. of GSI- Research vessels.</b></p>	<p><b>Expertise: Marine Mineral Resource Exploration, Marine Surveys &amp; Mapping, Reservoir Storage and sediment resource evaluation, Coastal &amp; Inland water surveys. Procurement and maintenance of research vessels and scientific instruments. Trained on marine geophysical studies at Lamont-Doherty Earth Observatory, Columbia University, USA.</b></p>
<p><b>Dr C Jayaprakash, MSc, PhD</b></p> <p><b>Former Director, Marine &amp; Coastal Survey Division, Geological Survey of India (GSI).</b></p>	<p><b>Expertise: Marine Mineral Exploration, Geochemistry, Sedimentology, Environmental Impact Assessment, Mine Planning. The team of geoscientists led by him were credited with identifying Gas Hydrates in Southern Tamil Nadu offshore, India using Multi-channel Seismic Reflection Survey onboard RV Samudra Ratnakar of GSI. Carried out projects on Exploration for Limestone in Oman, and Heavy Mineral Placers on the beach sands of</b></p>



	<p>Morocco and Indonesia.</p> <p>Trained on “Multi-channel Seismic Study” at Lamont-Doherty Earth Observatory, Columbia University, USA in 2011 and on “Seismic Data Acquisition” at Edinburg, Scotland in 2012.</p>
<p><b>Dr B K Sahu, MSc, MTech, PhD</b> Former Dy Director General, Geological Survey of India, PhD in Geophysics from ITC, Netherlands &amp; University of Cape Town, S. Africa. MSc Tech Applied Geology from ISM, Dhanbad. MTech Applied Geology from IIT, Kharagpur.</p> <p>(Head, Geophysical Exploration Wing, Geo Marine Solutions Pvt. Ltd.)</p>	<p><b>Expertise:</b> Geophysical and Geological Mineral Exploration</p> <p>More than three decades of experience as Exploration geophysicist and geologist in India. Supervised Airborne Geophysical Surveys in India as Head of Airborne Surveys and Remote Sensing Unit in Geological Survey of India.</p>
<p><b>V.K.K.Kalluraya, M.Sc(Geology)</b>  Former Dy. Director General, Geological Survey of India(GSI),</p>	<p><b>Expertise:</b> Systematic Geological Mapping, Deep Ocean Surveys and Mineral Exploration. Chief Scientist for Max. No. of Scientific Cruises (23) for seabed mapping in the Lakshadweep Sea onboard RV Samudra Manthan of GSI</p>
<p><b>Dr. K. Jayabalan, MSc., PhD.</b> Former Dy. Director General, Geological Survey of India(GSI)</p> <p>Consultant (Engineering Geology &amp; Landslides), Geo Marine Solutions Pvt. Ltd.</p>	<p><b>Expertise:</b> Engineering Geology, Landslides, Geodynamics, Commercial Granites, and Mineral Investigations.</p> <ol style="list-style-type: none"><li>1. Mission head for Geotechnical and Geohazard Management at central HQ of GSI</li><li>2. Carried out different stages of geotechnical investigations for various hydropower projects in India and Bhutan.</li><li>3. Landslide susceptibility mapping and slope stability analysis – Himalayas and Western Ghats</li><li>4. Deposit characterization and commercial evaluation of granites in southern granulitic terrain.</li></ol>





<p><b>Amal Kumar Samaddar, M.Sc. Geology</b> <b>Former Director, Geological Survey of India (GSI)</b></p>	<p><b>Expertise:</b> Marine geotechnical studies for port and harbour development; Marine surveys, Oceanographic and Hydrographic studies; Coastal Erosion studies, Delta studies and Systematic Geological Mapping.</p>
<p><b>Dr. Sudhira H.S., M.Tech., PhD</b> M.Tech in Remote Sensing from ITC, Netherlands, PhD from IISc, Bangalore.</p>	<p><b>Expertise:</b> Remote Sensing, Led the remote sensing and GIS team in preparation of DPR for Urban planning for Bangalore Development Authority (BDA).</p>
<p><b>Dr Kunjambu, MSc, PhD</b>  <b>Former Regional Director</b> Central Ground Water Board (CGWB), Govt. of India. Consultant (Hydrologist), Geo Marine Solutions Pvt. Ltd.</p>	<p><b>Expertise:</b> Hydrogeology, ground water exploration on site specific and on regional scale. Formulation of state level plan for optimal utilisation and management of Ground water</p>
<p><b>A C Dinesh, M Sc (Marine Geology) from Cochin University of Science and Technology (CUSAT), India</b>  <b>Former Director, Marine &amp; Coastal Survey Division, Geological Survey of India.</b></p>	<p><b>Expertise: Geoinformatics</b> (Developed thirteen freeware for different earth science applications), Sedimentology, Marine Surveys, Coastal Erosion studies.</p> <p><b>Marine Mineral Exploration:</b> Conceptualized formation of offshore mineral deposits. Formulated and successfully implemented various mineral exploration programmes for Marine &amp; Coastal Survey Division of GSI; First Reporting of vast occurrences of poly-metal bearing Fe-Mn crust and nodules from Andaman Sea.</p> <p><b>Undergone training on marine geophysical surveys at Lamont-Doherty Earth Observatory, Columbia University, USA.</b></p>

## VISION FOR FUTURE

Geo Marine Solutions is well positioned to capture major projects in the following areas soon.

### **Offshore Mineral Exploration for Blue Economy:**

The Blue Economy Policy initiated by the Govt. of India emphasizes the possibilities of exploration of mineral resources present in the ocean and





generation of renewable energy through offshore wind, wave, tidal and geothermal sources. The policy document lays importance on framing of suitable policies for issuing Prospecting Licenses and Mining Licenses for offshore mineral resources to enable sustainable mining in the offshore domain. The Blue Economy policy would generate ample scope in the fields of offshore mineral exploration, offshore geotechnical investigation, seabed surveys, oceanographic modeling and coastal surveys.

**Mineral Exploration on Land:** The world is rushing for the Battery metals like Co, Ni, Li, Mn etc for highly efficient Electric Vehicles and also in the hunt for REM (Rare earth metals) for green modern technology.

The Government of India has initiated participation of private entities in the field of mineral exploration in the country to augment the mineral resource wealth of the nation. The policy change aimed at involving private exploration agencies would bring tremendous opportunities in this field in the country.

Geo Marine has expertise with vastly experienced team of exploration geologists and geophysicists who have worked in the exploration of Gold, PGE, REE, Base Metals, Iron ore, Limestone, Coal, Lignite, Bauxite, Heavy Mineral Placers etc.

**Sand Resource Exploration & Modeling:** Many countries are facing an acute shortage of construction sand. River sand mining has already been regulated or banned in many states. The alternatives are marine sand and Reservoir sand. We envisage large potential in this field of sand exploration. Geo Marine Solutions has carried out sand exploration and resource modelling in India and abroad and is a pioneering organization in the Private Sector in the field of Sand Exploration.

**Sustainable Coastal Protection:** Coastal environment plays a vital role in a nation's economy by virtue of its resources, productive habitats, and rich biodiversity. 45% of our coastline is affected by the erosion of varying magnitude. Data on various coastal processes such as wave, tide, current, wind etc. along with other factors such as bathymetry, beach profile, sediment, tectonic behavior of the area, and geomorphology are pre-requisite to implement a sustainable intervention to combat erosion. At many places in the country, a holistic approach is lacking in addressing coastal erosion. Geo Marine was part of one of the most successful sustainable coastal protection programmes implemented in Karnataka along with Sanctuary Beach, Singapore and FCGANZDEC, New Zealand to study and design coastal erosion and protective measures.



## Reservoir Storage evaluation and use of Reservoir Sediments:

India has about 5000 major/medium/small reservoirs and barrages. Silt washed into these reduces the storage volume and reduces the efficiency of the reservoir. Desilting increases storage volume and enhances utility. Further, the 2030 Water Resources Group (WRG) estimates that if we continue to consume water at the current rate, India will have only fifty per cent of the water it needs by 2030. Therefore, the nation has earnestly initiated the process of de-siltation and thereby increasing the storage capacity of dams and the desilted material is planned to be used for various end-user applications. Geo Marine Solutions has already acquired sufficient expertise and experience in this domain.

### SUMMARY OF MAJOR PROJECTS

#### MINERAL EXPLORATION PROJECTS

Sl. No.	Name of Project	Client	Year
1.	Preliminary Investigation for Lithium in Parts of Somaliland, Africa (ongoing project).	Ihsan Drilling and Contracting Company, Hargeisa, Somaliland, Africa	2023
2.	Preliminary Investigation for Gemstones, PGE and Gold in Parts of Somaliland, Africa (ongoing project).	Ihsan Drilling and Contracting Company, Hargeisa, Somaliland, Africa	2023
3.	Detailed Exploration for Heavy Mineral Placers (Ilmenite, Rutile, Zircon, Garnet etc) in Certain Sectors along the Beaches of Somaliland (ongoing project).	Ihsan Drilling and Contracting Company, Hargeisa, Somaliland, Africa	2023
4.	Exploration for Offshore Sand Resources at AbuSamra, Qatar: Hydrographic, Geophysical and Geological surveys and Evaluation of offshore Sand Resources, 3 D Modeling, Reserve Estimation and Reporting-Consortium of Gulf Labs, Geo Marine Solutions & COWI	Qatar Primary Materials Company(QPMC),Doha, Qatar.	2019
5.	UNFC G2 Level Exploration and Resource Evaluation for Limestone Resources at Devagudi Limestone Block, YSR Kadapa District, AndhraPradesh.	Department of Mines and Geology, Govt. of Andhra Pradesh, India.	2018-2019
6.	Exploration for Heavy Mineral Placers on the Beach Sands of Guelmim Area, Morocco	Zirconia Holdings, Morocco	2019



7.	Exploration for Limestone in the SW of Sohar, Oman	Al Nibras Al Ahlia, Muscat	2019-20
8.	Detailed Geological Mapping, bedrock sampling for Iron ore resource estimation in Devadari Hill ranges, Donimalai, Sandur Schist belt, Bellary, Karnataka for Kudremukh Iron Ore Company Limited (KIOCL), Bengaluru, Karnataka.	MECON Ltd, Ranchi, contracted by Kudremukh Iron Ore Company Limited (KIOCL).	2017

### MARINE SURVEYS AND CONSULTANCY PROJECTS

Sl. No.	Name of Project	Client	Year
1.	Hydrographic survey for New Mangalore Port Trust, Mangalore(NMPT)-2020to2022.	New Mangalore Port Trust, Mangalore.	2020-2022
2.	Providing Quality Assurance & Quality Control services for shallow water bathymetric surveys coastal topographic data acquisition, and data processing in the East Coast of India, (Tamil Nadu, Andhra Pradesh, Odisha and Bengal) in collaboration with ACES, Goa.	National Institute of Ocean Technology (NIOT),Chennai, Ministry of Earth Sciences, New Delhi.	2021, 2022
3.	Oceanographic and Hydrographic Surveys For Al Mourjan Island Development, Doha, Qatar.	Gulf Laboratories CO. WLL Doha, Qatar.	2018
4.	Bathymetric Survey works for Al-Ruwais Port Project for the "Ground Investigation Works (Offshore Works) for Al-RuwaisPort, Qatar.	Gulf Laboratories, O.WLL Doha, Qatar.	2019-2020
5.	Hydrographic and Oceanographic Surveys For Doha Port, Qatar	Gulf Laboratories CO.WLL Doha, Qatar.	2018
6.	Marine Geophysical Survey for 2nd Stage Development of Karwar Port in Uttara Kannada district (Sub-Bottom profiling survey & Side Scan Survey).	Directorate of Ports and Inland Water Transport, Karwar, Govt. of Karnataka.	2022
7.	Providing Services for conducting shallow water survey off the Tamil Nadu Coast (Bathymetric survey, Side Scan Survey, Sub-Bottom profiling survey).	Indian Maritime University, (IMU), Chennai, India.	2022
8.	Bathymetry Survey of Chethy North and south breakwater - Chethy Harbour area & tide Observations in Chethy Harbour.	Ramalingam Construction Company Pvt.Ltd., Kerala.	2021

### MARINE GEOTECHNICAL STUDIES

Sl. No.	Name of Project	Client	Year
1.	Conducting Marine Geotechnical (Subsoil) Investigation at a specified location for the proposed construction of a 150mx20m dedicated jetty for berthing of Indian Coast Guard ships in Karwar port in Uttar Kannada District, Karnataka.	Port Division, Karwar Department of Ports and Inland Water Transport, Govt. of Karnataka.	2021



2.	Offshore drilling and Geotechnical studies at Someshwara, Manguluru, Karnataka for the Department of Public Works, Ports and Inland Water, under Sustainable Coastal Protection and Management Investment Programme- Karnataka.	Project Management Unit SCPMIP-Mangalore Department of Ports and Inland Water Transport Govt. of Karnataka.	2019
3.	Marine Geotechnical Investigation for the construction of breakwater at Tenginagundi & Alvekodi, Bhatkal, Uttara Kannada District, Karnataka”.	Port Division, Karwar Department of Ports and Inland Water Transport, Govt. of Karnataka.	2017
4.	Geotechnical Investigation at near-shore waters in Puducherry.	National Institute of Ocean Technology(NIOT),Chennai, Ministry of Earth Sciences, New Delhi.	2016

### MARINE ECOLOGICAL AND ENVIRONMENTAL STUDIES

Sl. No.	Name of Project	Client	Year
1.	GIS supported Marine Fisheries mapping and marine ecological studies of Karnataka Coast.	Central Marine Fisheries Research Institute (CMFRI), Mangalore.	2015
2.	Marine Ecological studies for ICGA, Kenjaru villages in Mangaluru, Karnataka.	MECON LIMITED, Bengaluru, Karnataka.	2022
3.	Data Collection for Hydrodynamic modelling of Gurupura river CRZ (Current observation, tide observation and bathymetry) for EIA clearance of Indian Coast Guard Academy (ICGA), Mangalore through MECON Limited, Bangalore.	MECON LIMITED, Bengaluru, Karnataka.	2022

### REMOTE SENSING STUDIES

Sl. No.	Name of Project	Client	Year
1.	Sedimentation Assessment Study of Forty Reservoirs in India using Synthetic Aperture Radar (SAR) based Remote Sensing Technique.	Remote Sensing Directorate, Central Water Commission (CWC), New Delhi Ministry of Jal Shakti, Govt. of India.	2022 -23

### RESERVOIR STORAGE AND SEDIMENT EVALUATION

Sl. No.	Name of Project	Client	Year
1.	Hydrographic survey of the Almatti reservoir (FRL. 487.87 sq. km). project to assess the total capacity at FRL.	Karnataka Engineering Research Station, Mandya. Govt. of Karnataka.	2023



2.	Hydrographic survey of the Basavasagara (FRL. 132 sq km area), Malaprabha (FRL. 137 sq km area), Kabini FRL (FRL. 60.60 sq km area) and krishnaraja sagara (FRL. 129.24 sq km area). reservoir project to assess the total capacity at FRL.	Karnataka Engineering Research Station, Mandya. Govt. of Karnataka.	2022
3.	Geological Resource Evaluation of Sediments and Reservoir Storage Analysis for Meenkara and Walayar Dam, Palakkad, Kerala.	Amrita Vishwa Vidyapeetham, Coimbatore / KEMDEL Trivandrum.	2021
4.	Bathymetric Survey, Storage capacity Evaluation and Siltation Studies for Five reservoirs Madupetty, Anayirankal, Ponnudi, Sengulam and Kallarkutty reservoirs in Idukki District, Kerala.	Civil Dam Safety and DRIP, Kerala State Electricity Board Ltd. Pallom, Kottayam.	2020-2021
5.	Hydrographic survey for Storage capacity Evaluation and Siltation Studies for Bhadra reservoir, Shivamogga, Karnataka.	Karnataka Engineering Research Station, Mandya. Govt. of Karnataka.	2020

### COASTAL EROSION AND MITIGATION STUDIES

Sl. No.	Name of Project	Client	Year
1.	Nearshore and inshore surveys at five sectors: Devbagh-Tarkarli-Malvan, Ganpatipule, Murud-Janjira, Khashid, Mochimad in Maharashtra, for HOV Environment, Mumbai as a part of the Sustainable Coastal Protection and Management Investment Programme (tranche-2) - ADB Loan Project.	Maharashtra Maritime Board, Mumbai. ADB Project.	2016
2.	Sustainable Coastal Protection and Management Investment Program- Tranche 2-Karnataka. Project Management and Design Consultancy Services for implementing sustainable coastal protection measures Consortium of FCG ANZDEC Ltd, Sanctuary Beach Singapore, Geo Marine Solutions, Mangalore.	Department of Ports and Inland Water Transport, Govt. of Karnataka- ADB Project.	2018-2021

### ENGINEERING GEOLOGY CONSULTANCY PROJECTS

Sl. No.	Name of Project	Client	Year
1.	Geotechnical assessment of Bhira old tunnel of Mulshi dam Pune, Maharashtra based on the ROV survey.	Tata Power Company Limited	2023

The full list of project details available in [www.geomarine.in](http://www.geomarine.in)



## OUR CLIENTS



Qatar Primary Material Company  
(QPMC), Qatar



Department of Mines and Geology  
Mangalore



Maharashtra Maritime Board  
Mumbai



New Mangalore Port Trust  
(NMPT), Mangalore



Gulf Laboratories Co. WLL  
Doha, Qatar



Mineral Exploration Research  
and Innovation Trust  
(MERIT)  
Vijayawada, Andhra Pradesh



National Institute of Ocean  
Technology (NIOT)  
Chennai



Indian National Centre for  
Ocean Information Services  
(INCOIS)  
Hyderabad



Metallurgical & Engineering  
Consultants Limited  
(MECON)  
Ranchi



Dam Safety Wing, Kerala State  
Electricity Board (KSEB)  
Trivandrum



HOV Environment Solutions  
Pvt. Ltd.  
Pune



National Institute of  
Technology Karnataka (NITK)  
Surathkal, Mangalore



FCG ANZDEC Limited  
New Zealand



MANGALURU  
SMART CITY  
Mangalore Smart City Limited  
Mangalore



Minor Irrigation Department  
Govt. Of Karnataka



Mangalore Refinery and  
Petrochemicals Limited  
Mangalore



Tata Power Company Limited  
Mumbai



Ihsan Drilling and Contracting Company,  
Hargeisa, Somaliland





Central Marine Fisheries  
Research Institute (CMFRI),  
Mangalore



Karnataka Engineering  
Research Station (KERS),  
KR Sagara, Mandya



National Geophysical Research  
Institute (NGRI),  
Hyderabad



Euro Mott MacDonald BV  
Mangalore



Ellath Enterprises  
Goa



Karnataka Power Corporation  
Limited (KPCL),  
Ambikanagar



Kerala State Mineral  
Development Corporation  
Limited (KEMDEL),  
Trivandrum



Kudremukh Iron Ore Corporation Ltd,  
(KIOCL)  
Bengaluru



Tahal Consulting Enginerings  
India Private Limited  
Haryana



Amritha Vishwa Vidyapeetham,  
Coimbatore



Larsen & Toubro Limited  
Construction  
Chennai



Geological Survey of India  
Bangalore & Hyderabad



National Institute of  
Technology  
Calicut



Department of Ports & Inland  
Water Transport  
Govt. Of Karnataka  
Mangalore



Cauvery Neeravari Nigama Limited  
Thumkur





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