



TERRASEARCH GULF SOIL TESTING

PRECISION, RELIABILITY AND INNOVATION



VENTURE OF



ريفاييف للاستثمار ش.ذ.م.م.
REVIVE INVESTMENT L.L.C
FOCUSING THE FUTURE

ENGINEERING | MANUFACTURING | CONTRACTING

www.terraresearchgulf.com



Message from the CEO

Terrasearch Gulf Soil Testing had a humble start up from the year 2015 with a successful role in Offshore & Onshore soil Investigation service & All type of Construction material testing services with a specialty division attached. All our services of testing is with utmost commitment of quality in order to maintain high customer satisfaction. Our quality of testing services is maintained by sustaining the relationship by accessing, anticipating and fulfilling the required & implied needs of valued customers within the limits of ISO/IEC 17025. All our staff are technically highly qualified & experienced for serving our clients in an efficient & professional manner. It is our constant endeavor to explore the unexplored potential and untapped areas, and we are always prepared to shift gears to enter our next phase.

I would like to take this opportunity to thank the Almighty for his benevolence showered upon us in all our endeavors and then to our committed workforce. I would also like to thank the visionary Rulers of U.A.E. for providing world-class infrastructure wherein opportunities were plentiful. Continuous and relentless support has played a vital role in our growth so far and will remain so going forward. Last but not the least, I would like to thank you for visiting our website. I hope the company profile website was able to express our portfolio and services that we intend to offer for our respective clients, and we hope our products and services may have served your purpose. I personally assure you of best services at all times!!!

Mission & Vision

Terrasearch Gulf Soil Testing vision and core values help to define the culture of the group, motivating our staff to give their best and improving our client's confidence that we will deliver solutions of the very highest quality.

Our vision is to be a Market Leader in Testing Services and to grow and to aspire towards complete customer satisfaction through quality services at the highest Standards to all our customers, by delivering high-quality work and continue to contribute to our success.”

Our mission is to deliver precision-driven, innovative, and reliable soil testing and geotechnical analysis services. Through our commitment to accuracy, cutting-edge methodologies, and dependable results, we aim to support sustainable development, ensure infrastructure safety, and protect the environment through high Precision, Reliability and Innovation.

Our Services

- Geotechnical Investigation (Offshore & Onshore Soil Investigation)
- Construction Material Testing
- Chemistry Laboratory
- Specialty Division
- Structural Analysis
- Metallurgy / Steel Testing
- NDT Surveys
- Topographic Survey
- Geophysical Surveys (Onshore / Offshore)
- Hydrographic Surveys
- GIS Services
- Marine Cargo Surveys
- Traffic Survey



Laboratory

Terrasearch Gulf Soil Testing Labs was established in 1994 in the UAE and at present it is one of the leading organizations in the field of Geotechnical Services with a fully developed Material Testing Laboratory services as well as Land, Marine, GIS, Geophysical Surveys etc. The Lab is providing specialist engineering and land survey services to a wide range of infrastructure, construction and development projects in UAE and abroad.

The uniqueness of the Lab is its dedicated team which consist of highly qualified and experienced staff ready to serve its clients in an efficient and professional way. Company's operating sections. A supervisory staff specialist, with many years of experience in the relevant discipline, heads each of the operating Section.

Terrasearch Gulf Soil Testing Lab uses latest equipment in the field and most cost-effective technologies in the office to provide our clients with the cost-effective solutions in the region.

Initially in 1994, the company started work as an onshore & offshore, Oil and Gas Field Services and Engineering surveying Services etc. Later it enhanced its expertise and skills in the field of Geophysical & Geotechnical Investigation works and established its own material testing laboratory. The company successfully completed various projects for its clients in all over Middle East and Africa. Every project, regardless of the size, accomplished with expertise, technology and equipment required to meet the relevant standards and client's needs.



Onshore/Offshore Soil Investigation & Material Testing

Geotechnical department of Terrasearch Gulf Soil Testing is using modern technology in Onshore / Offshore Drilling, Soil-Rock sampling, and field-testing equipment designed for all type of geotechnical investigation purpose. Terrasearch Gulf Soil Testing has latest field and laboratory testing equipment. Equipment for environmental testing, Geophysical studies as well as mixers and pumps for grouting purposes are also available. Laboratory Test: Soil, Rock, Aggregate, Concrete, Chemical & Environmental Testing, Special Testing, Microbiological testing, PC Strand & Steel
Various laboratory tests performed at Terrasearch laboratory are listed below



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Soil, Rock, Aggregates & Steel

- Particle Size Distribution
- Atterberg I Bulk & Dry Density I Proctor
- California Bearing Test (CBR)
- Shear Strength I Unconfined compressive strength
- Point Load I Chemical Analysis
- Water Absorption I Particles Finer Than 75 µm
- Flakiness and Elongation Index
- Moisture Content
- Aggregate Crushing Value
- Aggregate Impact Value
- Soundness
- Los Angeles Abrasion
- Sand Equivalent
- Hydrometer Soil
- Suitability
- Tensile, Bend & Rebend
- PC Strand Testing

Concrete

Various Tests performed on concrete are

- Compressive Strength & Density of Cubes and Cylinders
- Chemical Analysis
- Flexural Strength / Modulus of rupture on concreat beams
- Core Testing
- Water Absorption
- Water Impermeability
- Initial Surface Absorption
- Rapid Chloride Permeability
- Fresh Concrete Testing

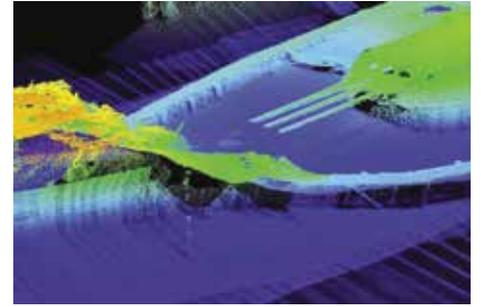
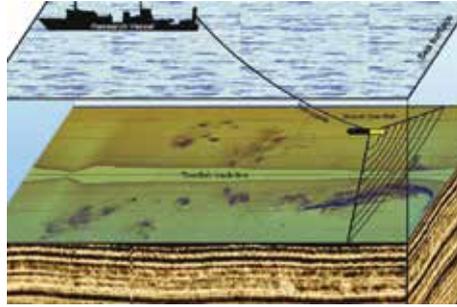
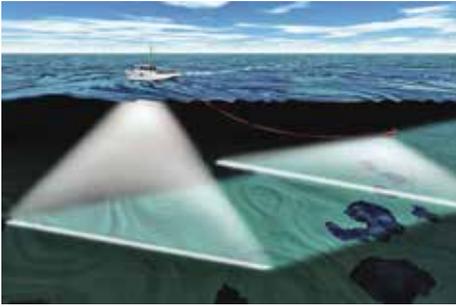
Chemistry Section

- Soil Test.
- Ground Water Test



Hydrographic & Marine Survey Services

Terrasearch Gulf Soil Testing Laboratory provides vast range of services in marine surveys which includes hydrographic and marine geophysical surveys, oceanographic investigation, diving and coastal engineering services. We also provide highly proficient services with advanced methodology, proven technology and highly experienced personnel. Various types of hydrographic survey carried out at Terrasearch are listed below.



Sonar Imaging

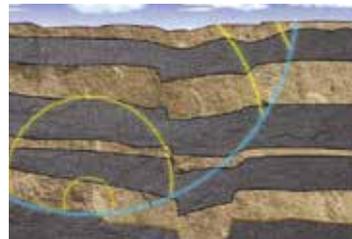
- Cable and pipeline route identification
- Fallen objects/debris and lost anchor recovery
- Seafloor imaging
- Seabed sediment distribution

Oceanographic Surveying

- Ocean current measurements
- Tide measurements
- Wave measurements
- Physical and chemical parameters of sea water
- Site Assessment

Underwater services

- Diving inspection
- ROV
- Underwater Photography Videography
- Coastal Engineering consultancy services
- Designing of intake and outfall pipeline
- Shoreline monitoring
- Construction of coastal structures like Jetty, Groins, Sheet Piling, etc.



Sub-bottom: Profiling

- Delineation of sediment layers
- Buried pipeline objects
- Subsurface geology

Bathymetry

- Depth measurements
- Volume estimation
- Dredging monitoring surveys



Geophysical Survey Services

- Multichannel Analysis of Surface Waves (MASW)
- Geophysical Electrical Resistivity Tomography (ERT)
- Seismic Refraction Surveys
- Seismic Data Processing
- Geophysical Cross Hole Seismic Survey
- Geophysical Down Hole Seismic Survey
- Ground Penetration Radar (GPR)
- Geophysical Electromagnetic Induction Survey (EM)
- Geophysical Ground Magnetic Gradient (GMG -2D) Survey
- Geophysical Gravity Survey



Special Material Testing Services

- Water Proofing Membranes
- Protection Boards / Soft Boards / Filler Boards / Gypsum Boards
- Rubber / Plastic Materials
- Fabrics / Leather
- Wires
- GRC / GRP / PVC / PU materials
- Textiles / Geo-textile / Paper materials
- Epoxies
- Belts / Ropes e.g. tensile / loading capacity etc.
- Polystyrene
- Structural timber e.g. tensile, static bending,
- Adhesives - peel-off tests.
- Coefficient of Surface frictions.
- Steel Nails
- Safety Helmet / Safety Shoes tests.
- Safety Glass Test / Punch Test.
- Wood Test
- Structural Analysis

