



From Earth to Ocean –
**Engineering with
Precision & Power.**



kyjegeodrillsl.com



Our Vision

To be the foremost geo-technical, geophysical, tank upgrade and civil engineering services firm in West Africa.

Our Mission

To consistently provide world-class, top-quality geo-technical, geophysical, tank rehab and civil engineering services to our clients worldwide.

Our Core Values

1. Precision

We deliver accurate, high-quality results across all operations — from geo-technical surveys to offshore drilling.

2. Reliability

Clients trust us to perform safely, efficiently, and consistently — onshore and offshore, every time.

3. Innovation

We harness the latest technologies and methods to provide smart, sustainable solutions in challenging environments.

About Us

KYJE GEODRILL SERVICES LIMITED is a fully registered Nigerian company, incorporated as a limited liability entity under the Companies Act of 1968. With more than 20 years of operational experience, the company has firmly established itself as a reputable and dependable player in the engineering and construction industry. It is a wholly Nigerian-owned private liability company, with 100% of its shareholding held by Nigerian citizens, reflecting a deep commitment

to national growth and capacity building. Over the years, KYJE GEODRILL SERVICES LIMITED has been actively involved in a broad spectrum of engineering consultancy and construction services. The company specializes in construction and engineering services, geo-technical and geophysical investigations, hydro-geological engineering, environmental studies including sand search operations, as well as water resources development and sustainable water management. Its dedication to

quality, innovation, and client satisfaction has enabled KYJE GEODRILL SERVICES LIMITED to successfully execute numerous projects across both the public and private sectors. With a team of seasoned professionals and an in-depth understanding of the Nigerian environment, the company continues to contribute meaningfully to infrastructure development and environmental management nationwide.



Our **Services**

GEO-TECHNICAL AND GEOPHYSICAL SURVEYS

CIVIL ENGINEERING

TANK UPGRADE

SURVEYING WORKS

DEEP WATER BORE HOLE DRILLING

KGSL has a long reputation of managing large scale Geotechnical, Geophysical, Hydrogeological and Civil Engineering projects and our HSE policy is second to none. Our in house project team headed by a HSE manager generates detailed risk assessment matrix and our thorough project management plan has earned us a close working relationship with all our clients.

By working together with our clients in the planning stage of any project, we can ensure the scope is integrated into every aspect, and is consistent with the strategic direction of the company and its objectives.

TECH NICAL

KGSL has a solid technical base. Our technical team is constantly researching the latest technology to ensure that we always deliver quality products down to the last detail. Our services also include logistics, health and safety and community relations to ensure every project runs without incident.



Geo-technical & Geo-physical Surveys

We offer comprehensive Geotechnical and Geophysical Survey services designed to support civil engineering, construction, infrastructure, and environmental projects. Our solutions integrate field expertise, advanced testing techniques, and data-driven analysis to deliver accurate, reliable subsurface information critical for safe and efficient project execution.



Field Testing Services

We conduct a comprehensive range of in-situ tests to evaluate subsurface conditions and deliver real-time data on the behavior of soil, rock, and groundwater.

Our services include **subsoil and geotechnical investigations for foundation design and risk assessment, as well as geophysical surveys that employ non-invasive techniques like seismic refraction and electrical resistivity for subsurface**

mapping.

We perform core sampling to extract soil and rock specimens for structural and compositional analysis and carry out sand search and evaluation to locate suitable deposits for construction and reclamation. Our seismic data processing services analyze ground stability and material properties, while pipeline resistivity surveys help determine soil resistivity for effective cathodic protection and corrosion control. We also

conduct cross hole seismic tests to provide high-resolution profiles of subsurface stiffness and integrity. Additional testing includes vane shear tests for measuring the undrained shear strength of soft clays, permeability tests to evaluate the soil's ability to transmit water—essential for drainage and foundation planning—and pore pressure measurements to monitor groundwater pressure, aiding in the assessment of slope stability and settlement risks.



Laboratory Testing Services

Our state-of-the-art laboratory offers a comprehensive range of soil, rock, and material testing services, all conducted in accordance with international standards. We perform index properties testing to determine key characteristics such as moisture content, particle size distribution, unit weight, bulk density, and Atterberg limits, including liquid and plastic limits. For strength and stability assessments, we conduct shear box tests to measure shear strength parameters, triaxial compression tests to evaluate strength and deformation properties under simulated field stress conditions, and consolidation tests to analyze settlement behavior under sustained loading. Additionally, we perform compaction tests to establish the optimal moisture content and maximum dry density of soils, along with California Bearing Ratio (CBR) tests to assess subgrade strength for pavement design purposes.

Index Properties Testing

- + Moisture Content
- + Particle Size Analysis
- + Unit Weight & Bulk Density
- + Atterberg Limits (Liquid Limit & Plastic Limit)



Whether you're planning a new infrastructure project, managing risk for an existing structure, or conducting site feasibility studies, our geotechnical and geophysical services provide the foundation for informed decision-making and engineering success.



Chemical Analysis

Chemical testing plays a crucial role in ensuring that soil and water conditions comply with environmental and construction safety standards. Our services include evaluating sulphate and chloride content to prevent concrete degradation, determining pH levels to assess corrosivity and compatibility with plant growth, and conducting comprehensive water quality analysis of both groundwater and surface water for informed construction and environmental planning. Additionally, we perform concrete and sandcrete cube tests to verify the strength and quality of construction materials, ensuring they meet required specifications.



Civil Engineering

We specialize in delivering end-to-end civil engineering and construction services tailored to meet diverse infrastructure needs.



Steel Construction

Specializing in the fabrication and erection of steel structures, we deliver robust, precision-engineered steel frameworks for industrial, commercial, and structural applications.

Mechanical Installation

Our services include the installation and alignment of mechanical systems and equipment, ensuring operational efficiency and adherence to safety and technical standards.

Installation of Static and Rotating Equipment

We handle the installation, alignment, and commissioning of both static equipment (tanks, heat exchangers, etc.) and rotating machinery (pumps, compressors, turbines), ensuring seamless integration into your systems.

Building Construction

From concept to completion, we execute building projects with a focus on quality, functionality, and durability, covering residential, commercial, and

industrial structures.

Structural Design

Our structural engineers design safe, efficient, and cost-effective frameworks tailored to your project's requirements, using the latest design tools and industry standards.

Foundation Solutions

We develop reliable foundation solutions suited to soil conditions and structural loads, including shallow and deep foundations, ensuring long-term stability.



Surveying Works

We provide detailed land and engineering surveys to support design, construction, and monitoring activities with high accuracy and modern technology.

Drainage Design and Construction

We design and construct efficient drainage systems to manage surface water, prevent flooding, and protect infrastructure, ensuring compliance with environmental regulations.

Project Management

Our project management services cover planning, scheduling, budgeting,

procurement, and quality control, ensuring projects are delivered on time and within scope.

Bathymetric Survey

Using advanced sonar and GPS technologies, we map underwater topography for marine and inland water projects, supporting dredging, construction, and environmental assessments.

Hydrological Survey

We assess and model water flow, distribution, and behavior to inform the design and management of water resources and infrastructure.

Plate Load Test

This field test evaluates soil bearing capacity to inform foundation design, helping ensure safety and cost-efficiency in construction.

Concrete Integrity Test

We conduct non-destructive testing to assess the quality and integrity of concrete structures, detecting flaws and ensuring compliance with construction standards.

Piling Works

We deliver comprehensive piling solutions—including driven, bored, and CFA piles—providing deep foundation systems tailored to project and ground conditions.

Tank Upgrade

We specialize in upgrading oil and gas storage tanks to meet modern industry standards and maximize operational efficiency. Whether you're aiming to increase capacity, improve safety, or ensure regulatory compliance, our team delivers turnkey solutions tailored to your facility's needs.

We provide comprehensive tank upgrade solutions that integrate expert steel construction, precise mechanical installation, and the seamless integration of static and rotating equipment. Our services are designed to enhance the structural integrity, performance, and operational safety of your storage systems across the oil, gas, and industrial sectors. From reinforcing tank shells and foundations to installing pumps, compressors, heat exchangers, and other critical equipment, our team ensures every component is built and aligned to industry standards. With a commitment to quality, safety, and efficiency, we deliver turnkey upgrade projects that extend asset life, support process optimization, and ensure full regulatory compliance.





Surveying Works

Bathymetric Surveys

Our bathymetric survey services provide detailed mapping of underwater terrain using echo sounding and sonar technology. This is essential for dredging operations, harbor and port development, pipeline routing, and environmental assessments. We capture accurate depth and contour data to support marine construction, navigation safety, and resource management, ensuring clients have a clear understanding of subaqueous features and conditions.

Topographical Surveys

Our topographical surveys offer a detailed representation of the physical features and contours of land surfaces. These surveys are fundamental in site planning, infrastructure development, road and bridge design, and environmental studies. We use Total Stations, GPS, and drone-based LiDAR to accurately capture terrain data, man-made structures, vegetation, and elevation changes—ensuring a strong foundation for any land-based project.

Deep Water Borehole Drilling Services



We provide expert deep water borehole drilling services tailored to meet the demanding needs of residential, agricultural, commercial, and industrial clients. With advanced drilling technology and experienced personnel, we access deep aquifers to deliver sustainable, high-yield water sources—even in complex and challenging terrains.

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Hydrological Survey

We conduct comprehensive hydrological surveys to analyze surface and subsurface water characteristics, including flow rates, water levels, discharge volumes, and seasonal variations. These surveys are crucial for flood risk assessment, watershed management, dam and reservoir planning, and irrigation system design. Our team uses advanced monitoring instruments and modeling tools to deliver precise, data-driven insights for sustainable water resource development.

Our services encompass site investigation, borehole design, drilling, casing, development, and pump installation, all executed with a strong focus on safety, environmental compliance, and long-term performance.

We bring proven field experience to every project. Notably, we successfully carried out offshore geotechnical borehole drilling for the Brass SPM Replacement Project for NAOC/GOSL at Brass, Bayelsa State from August to November 2022.

This project reflects our capability to operate in offshore and sensitive environments while meeting stringent technical and safety standards. At [Your Company Name], we are committed to delivering dependable water infrastructure through precision, professionalism, and integrity.



Our Partners & Clients

Total E&P	Grail Movement
Chevron	Sharan Oil Limited
Agip	RT Com Nigeria Limited
Shell	Coastal Line and Ocean Ltd
NNPC	Health Care Improvement
Oando	Gracewill International Limited
GPLA	Socotherm West Africa, Eleme
Nestoil	Geomarine Systems Limited
Conoil	Shorelink Oil and Gas Limited
MTN	IGPeS Gas and Power Limited
NDDC	Mopel International Company, Eket
NCDMB	Epanoe Nigeria Limited, Port Harcourt
Dersko Marine	Ranc Nigeria Limited, Port Harcourt
Derlita Marine Group	Japaul Oil & Maritime Plc, Port Harcourt
Daewoo Nigeria Ltd	Point Engineering Ltd- Nigeria Brewery Ltd
Access Bank Plc	Brone Survey & Positioning, Port Harcourt
Frazimex Limited	Uptonville Educational & Training Consultants
Custom Realities Ltd	Federal Ministry of Water Resources Abuja (FMWR)
MIE Project LLC, Eket	Wordway Property & Investment Limited, Port Harcourt
Normariyor	Chemical and Environmental Engineering Limited, Owerri



Work History & Achievement

GEOTECHNICAL INVESTIGATIONS

From offshore drilling to onshore surveys, our projects span across various sectors, contributing to West Africa's infrastructure development.

TANK UPGRADE & MAINTENANCE

Our expertise in tank upgrade has played a significant role in the success of numerous projects within the IOC's

RECOGNITION & AWARDS

Our dedication to excellence has earned us recognition and awards, further solidifying our position as a leader in the industry.

Service Provided	Client	Year	Status
Geo-Physical Survey and Borehole Drilling	Eleme Petochemical	2001	Completed
Subsoil Investigation for Residential Camp Upgrading	GAMJI	2003	Completed
Geo-technical Investigation for 36" Pipeline Project	Ajip	2004	Completed
Geo-physical Survey and Borehole Drilling	MTN Nigeria	2005	Completed
Geotechnical Investigation for Container Manufacturing	DERLITA	2005	Completed
Sub Soil Investigation for Proposed Petroleum Delivery System	OANDO	2007	Completed
Sub Soil Investigation for the Escravos River Crossing Project	CHEVRON	2009	Completed
Soil Boring Services at Merenfield	CHEVRON	2013	Completed
Geotechnical Investigation for Proposed Nestoil Ship Repair Yard	NESTOIL	2014	Completed
Geotechnical Investigation for Jetty Design	SNEPCo	2014	Completed
Geotechnical Survey for Okanjacket 25, 39 & 65	CHEVRON	2015	Completed
Geotechnical Survey on Waterfront	Uptonville	2017	Completed
Geotechnical Investigation for the Proposed IGPes Main Office Building	IGPeS Gas	2018	Completed
Geotechnical Investigation for Kp10.22 & 11	Total E & P	2019	Completed
Geotechnical Investigation for Kp15-21 Pipeline Route	Total E & P	2020	Completed
Bathymetric Survey at Brawal Jetty	Brawal Ltd.	2021	Completed
Geotechnical Engineering Services at Unspecified Niger Delta Area	SPDC	2022	Completed
Offshore Geotechnical Provision & Brass Buoy SPM2 Replacement	GOSL & NAOC	2022	Completed



Picture Gallery





**Consistently providing
world-class, top-quality
geotechnical, geophysical,
tank rehab and civil
engineering services to
our clients worldwide.**



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