
PROFESSIONAL EXPERIENCE

- Geotechnical Services Manager, TDI-Brooks International, Inc., November 2016 – August 2020, May 2022 - present

PROFESSIONAL SUMMARY

- 20+ Cruises over the past 10+ years as Laboratory Technician & Geotechnical Manager for Geotechnical acquisitions.
- 5+ Cruises over the past 10+ years as Client Representative for Geotechnical acquisitions.
- 8+ years' experience as a Laboratory Manager overseeing in-house geotechnical processing.
- Participated in the development of innovative Geotechnical tools and techniques for TDI- Brooks.
- Serve as Lead Engineer or Engineer of Record for geotechnical investigations and laboratory testing programs related to the offshore energy industry

KEY ACHIEVEMENTS - TDI BROOKS INTERNATIONAL, INC.

- **Geotechnical Manager / Laboratory Manager**
 - Manage team of Technicians, and Specialists
 - Marine interpretation of core analysis
 - Field Reporting on Field Programs
 - Target identification and classification
 - Sediment analysis and Survey interpretation
- **Geotechnical Project / Service Line Manager**
 - Ensure all vessels are properly outfitted for every job
 - Ensure quality standards for all processes
 - Evaluate overall team and individual performance and deliver performance reviews
 - Engage with other managers across the organization
 - Provide reports on productivity and other performance indicators to management
 - Manage projects relating to geotechnical activities in both the O&G and renewables industries
 - Follow projects from tender stage to final data deliverables and project close out

KEY ACHIEVEMENTS – NORWEGIAN TECHNICAL INSTITUTE (NGI)

- **Senior Geotechnical Engineer / Advanced Testing Supervisor**
 - Manage advanced testing programs for internal and external clients
 - Track project budgets and provide client interfacing and advisement
 - Supervise team of advanced testing technicians
 - Train employees in new test types or revisions to current methods
 - Ensure compliance with ISO 9001 and 17025 standards
 - Provide QA/QC for advanced test data
 - Interpret laboratory test data and advise internal and external engineers
 - Provide technical expertise related to engineering concepts applied in the laboratory
 - Liaise with internal engineering staff and third-party laboratories on engineering requirements
 - Maintain laboratory equipment and design new testing tools

KEY ACHIEVEMENTS – RRC COMPANIES

- Serve as Lead Engineer or Engineer of Record (TX) for geotechnical investigations related to the onshore solar and wind energy industries.
 - Manage all facets of field geotechnical investigation campaigns
 - Participate in client contact and advisement (lead role)
 - Market and develop business relationships with new and existing clients, subcontractors, and internal design teams

- Track project budgets
- Serve as lead interface for subcontractor management
- Generate proposals
- Assign and interpret geotechnical laboratory tests
- Integrate site geotechnical and geophysical data
- Compose and assign tasks for the preparation of interpretive engineering reports

KEY ACHIVEMENTS – GEOSCIENCE EARTH & MARINE SERVICES (GEMS)

- Analyze and solve geotechnical engineering problems related to offshore bearing capacity, slope stability, and geologic processes affecting shallow and deep offshore foundation and structure design.
 - Manage offshore geotechnical and geophysical data
 - Assign and interpret standard and advanced geotechnical laboratory tests
 - Analyze and reduce PCPT data
 - Integrate site geotechnical and geophysical data
 - Compose and prepare interpretive and integrated engineering reports
 - Manage offshore personnel and processes
 - Provide QA/QC for geotechnical coring and acquisition of CPT and geophysical data during offshore field campaigns
 - Perform client representation and interfacing
 - Conduct offshore laboratory processing and testing of soil samples
 - Assist with proposal generation
 - Track project budgets
 - Provide client advisement

KEY ACHIVEMENTS – MLAW CONSULTANTS & ENGINEERS (FORENSIC DEPARTMENT)

- Assisted in the analysis and investigation of foundations, structures, retaining structures, drainage, building envelope water penetrations and pools, as well as design and preparation of remedial measures and documents
 - Planned and supervised site investigations related to the practice of forensic engineering for geotechnical and geostructural applications
 - Assisted in the preparation of written reports detailing the findings of observations and analysis related to residential and commercial structures
 - Conducted job management and client interfacing with homeowners, real estate management companies, subcontractors and attorneys
 - Performed construction inspections related to the remediation of foundation, structure, and water penetration issues

FORMAL EDUCATION

- Texas A&M University, Master of Engineering, Civil Engineering (Geotechnical) 2016
- Texas A&M University: Bachelor of Science, Ocean Engineering, 2009
- Texas A&M Corps of Cadets, Graduate of Leadership Excellence Program, 2009

PROFESSIONAL TRAINING/CERTIFICATIONS

- Licensed Professional Engineer (TX - #117132)

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SELECTED FIELD EXPERIENCE

- Lab Tech and Technical Project Manager, Geotechnical Survey, LLOG Exploration Company, Gulf of Mexico, R/V Brooks McCall, 12 February – 04 March 2019
- Lab Tech, Geotechnical and Geophysical Survey, UniversalPegasus International (UPI), Gulf of Mexico, R/V Proteus, 15 November – 22 November 2018
- Lab Tech, Geotechnical Investigation, Benthic Geotech Pty LTD, Esso Exploration and Production Guyana Limited, Atlantic Ocean, SABLE, 27 August – 27 September 2018
- Lab Tech and Technical Party Chief, Environmental Baseline Survey, GeoQuip Marine, ExxonMobil, Black Sea, M/V Shark 1, 04 September – 07 October 2017
- Lab Tech, Geotechnical Survey, Anadarko Petroleum Corporation (Anadarko), Caribbean Sea, R/V Proteus, 14 June – 25 June 2017
- Client Rep, Geotechnical Survey, Murphy Exploration and Development Company, Gulf of Mexico, R/V Brooks McCall, 29 April – 06 May 2014
- Client Rep, Geotechnical Survey, LLOG Exploration Company, Gulf of Mexico, R/V Brooks McCall, 11 February – 15 February 2013