



PHILIP ROBERT STOTT

GEOTECHNICAL ENGINEER

CONTACT

 (27)-82-253-4001



 Central University of
Technology, Free State

 www.civilabcut.co.za



PROFILE

- Experienced Geotechnical Engineer with a strong academic background in engineering and theology. Specializes in assessment and remediation of structures on problematic expansive clays. Extensive history in research, consultancy, and project leadership, combined with academic teaching and publication record.



WORK EXPERIENCE

- Research Fellow, Geotechnical Engineering
Central University of Technology, Bloemfontein | 2018–Present
Focus on soil property variability, improved soil testing, foundation design for expansive clays, and consulting on structural failures.
- Engineer, Y10 Consortium of Consultants | 2014–2018
Design and monitoring of industrial, commercial, and residential buildings; damage assessment and remediation related to expansive clays and fire damage.
- Engineer, SC Consulting, Structural and Civil Engineers | 2007–2014
Design, supervision, and remediation of buildings including assessments for NHBRC for foundation damage.
- Director, Valamin Pty. Ltd & Trustee, The Melsa Trust (Property Development and Management) | 1993–2007
- Various Projects including Large Auditorium Design and Supervision | 1985–1993
- Associate, John Woodcock and Associates | 1973–1985
Supervised road construction, hospital infrastructure, factory projects, and conducted part-time research.
- Lecturer in Civil Engineering
University of the Witwatersrand, South Africa | 1970–1973
- Ahmadu Bello University, Nigeria | 1966–1969
- Pupil Engineer, Lodge Cottrell Ltd., Birmingham, England | 1964–1965



EDUCATION

- D.Eng., Central University of Technology, Free State, South Africa
Dissertation: Identification and Assessment of Problematic Expansive Clays
- Ph.D. Theology, Reformation International Theological Seminary, Florida, USA
Dissertation: Scriptural Inerrancy In Light of Scientific Discovery
- B.Sc. (Honours) and M.Sc., Manchester University, England
School of Engineering, Faculty of Science



PROFICIENCY AND KEY SKILLS

- Geotechnical engineering expertise focused on expansive clays and soil variability
- Foundation design, structural damage assessment and remediation
- Soil testing procedure development and analysis of soil suction and shrink/swell potential
- Design and supervision of civil, commercial, and residential structures
- Research publication and presentation in international conferences
- Project leadership, consultancy, and academic teaching



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CERTIFICATION & AWARDS

- Registered Professional Engineer, Engineering Council of South Africa (Reg. no. 20090045)
- Registered Professional Engineer, South African Council for Professional Engineers (Reg. no. 840517)
- Fellow, South African Institute of Civil Engineers (Structural and Geotechnical Divisions)
- J.E. Jennings Award, South African Institute of Civil Engineering (Geotechnical Division) – 2017, 2018, 2019
- Henry Adams Award of the Institute of Structural Engineers, 1968-69