

David R. Williamson
Registered Professional Geologist

EDUCATION AND CREDENTIALS:

B.S. Degree in Geology - Millsaps College, Jackson, Mississippi
Postgraduate work toward an M.S. in Geology – University of Southern MS
Postgraduate work toward an M.S. in Mine Engineering - University of Missouri
Professional Geologist, State of Georgia, No. 000416 (1977 - Present)
Professional Geologist, State of Alabama, No. 938 (1998 - Present)
Professional Geologist, State of Arkansas (2004 - Present)
Professional Geologist, State of Mississippi, No. 0376 (1999 - Present)
Geoscientist (Geologist), State of Texas (2003 - Present)

AREAS OF RELEVANT EXPERTISE:

Geology, Mapping, and Mineral Economics
Industrial Mineral Exploration and Development
Mine Planning, Design and Development
Environmental Regulations and Regulatory Compliance
Geological and Environmental Assessments
Regulatory Permitting and Compliance
Wetlands, Mitigation Planning and Permitting
Land Acquisition, Land Use and Land Management
Land Reclamation and Re-vegetation
Cave Exploration and Mapping
Management of Complex, Multi-Disciplinary Projects

EMPLOYMENT HISTORY:

2004 – 2009: ALTEC Environmental Consultants, Inc. – Sr. Env. Geologist
2003 – 2004: Earth Consulting Group – Senior Geologist and Branch Manager
2001 – 2003: Williamson & Associates – Owner and Senior Geologist
1995 – 2001: Horizon Environmental Consultants – Sr. Project Manger
1977 - 1994: Central Louisiana Electric Co. - Mgr. Fuel Resource Development
1972 – 1977: Mississippi Geological Survey: Field Geologist

**RELEVANT EXPERIENCE
SUMMARY**

- * Geology
- * Geological Assessments
- * Mineral Remoteness Opinions
- * Mineral Exploration
- * Surface Mine Planning
- * Surface Mine Permitting
- * Karst and cave exploration
- * Native and Mine Soils
- * Land Use Surveys
- * Land and Lease Acquisition
- * Coal Royalty Calculations
- * Land Reclamation/Revegetation
- * Section 401 Water Quality Certifications
- * Section 106/Historic Buildings
- * NEPA Analysis and Consultation
- * Environmental Assessments
- * Wind Monitoring
- * Environmental Impact Statements
- * Phase I and II ESA
- * UST Remediation Systems
- * Soil Borings and Sampling
- * Monitor Well Construction
- * Groundwater Sampling
- * Asphalt & Ready-Mix Plant Permitting
- * Section 404/10 wetland determination, delineation and permitting
- * Wetland awareness and environmental compliance instructor
- * NPDES Permitting Project Management/Supervision
- * Expert Testimony
- * Litigation Support

EXPERIENCE:

I have hands-on experience working in state government, the investor-owned electric utility industry and environmental consulting services. I am a Registered Professional Geologist in Alabama, Arkansas, Georgia and Mississippi and Geoscientist in Texas. I regularly perform field work as a geologist and environmental scientist.

I have experience as a Senior Environmental Geologist and Office Manager with environmental and engineering consulting companies. Previously I was Principal and Senior Geologist with Williamson & Associates, a geological and environmental consulting company from January 2002 to October 2003. Prior to that, I served for 6 years as Project Manager, Principal and Office Manager for an environmental consulting company in Shreveport, Louisiana. As Senior Project Manager I was responsible for mineral exploration and business development. I successfully managed large, complex, multi-disciplinary projects to evaluate coal and limestone reserves, develop geologic databases, develop conceptual mine plans, acquire property, and direct client and regulatory agency interface with respect to mine permitting,

land reclamation and regulatory compliance. I managed multi-disciplinary environmental projects in support of NEPA compliance, conducted Phase I and II environmental site assessments, performed land use surveys, conducted historic building surveys, supervised cultural resource surveys, coordinated with regulatory agencies and provided litigation support.

I have diverse experience as a geological and environmental consultant, experience as a project manager in the management of energy resource development projects with an electric utility company and experience as a field geologist with a state geological survey. I am experienced in mineral resource exploration, including drilling, coring, quality sampling, geophysical logging, log interpretation and geologic mapping; mineral reserve evaluation, environmental permitting, regulatory compliance and project management.

I served as a project leader of teams that planned and developed the first and largest surface coal mine in Louisiana - from exploration to permitting to production. For 14 years, I was Project Manager for two electric utility companies and successfully managed all aspects of a surface coal mine project to mine and deliver 2.5 million tons of coal as fuel to a 550 megawatt electric generating plant within approved annual budgets. I administered over 350 mineral and surface leases covering 30,000 acres of land owned by over 800 private and corporate landowners. I was responsible for environmental compliance for a 30,000 acre surface mining permit. My responsibilities included, exploration; reserve evaluation; regulatory permitting; solicitation, evaluation and selection of contract bids; contract negotiation and administration; negotiation for land and mineral leases; regulatory compliance; project evaluation, environmental compliance and project management.

I worked on the Louisiana Office of Conservation Ad Hoc Committee to develop surface coal mining regulations. I was appointed by the Governor to serve on the Advisory Board for the Louisiana Geological Survey. I am a member of the Geological Society of America; the Society for Mining, Metallurgy and Exploration; the American Association of Petroleum Geologists; the Shreveport Geological Society; and the National Speleological Society.

While a student in college I managed the core laboratory for a state geological survey. My responsibilities include contacting oil and gas and other companies to acquire core samples, recording and logging core samples, quartering core samples with diamond saws and filing samples in the core library.

I have specific experience in the exploration, sampling, analysis, and evaluation of coal, limestone, sand and gravel, aggregate rock, clay and other materials. This experience includes work in the US and British Columbia, Canada.

I served as a 2 Lt. in the US Army National Guard 20th Special Forces Group. I am airborne qualified with over 35 jumps from helicopters, jets and propeller aircraft. I am an Auxiliary Caddo Parish Sheriff Deputy.