



## Jean L. Randolph

### Senior Petrographer

Ms. Randolph has over 27 years of experience as a concrete petrographer. She has performed thousands of petrographic and microscopical analyses

of concrete and concrete materials to specification, including petrographic examination of hardened concrete (ASTM C856), air-void system analysis of hardened concrete (ASTM C457) and petrographic examination of aggregate (ASTM C295).

Ms. Randolph's experience in concrete evaluation ranges from building components like flooring, roofs and walls to infrastructure systems such as bridges, wastewater tunnels and treatment plants, pavements and dams. She has been involved in projects for airports, hospitals, universities, apartments and condominiums, parking structures and industrial plants.

Ms. Randolph performs examinations to assess the quality and condition of concrete, analyzing strength and setting issues, freeze-thaw and chemical-related deterioration, and debonding and delamination. In addition to her work in materials analysis, Ms. Randolph has extensive experience in expert witness testimony.

Prior to joining CTLGroup in 2011, Ms. Randolph was a senior petrographer and president of Construction Petrographics, Inc., a company she started in 1989. There, Ms. Randolph provided petrographic services to engineers, contractors, ready-mix and admixture companies, attorneys, homeowners and government agencies. Ms. Randolph also spent three years of her early career at CTLGroup before starting her own business.

## Affiliations

- ▶ [American Concrete Institute, Michigan Chapter](#)
- ▶ [The Society of Concrete Petrographers](#)

## Contact

5400 Old Orchard Road  
Skokie, Illinois 60077-1030  
Phone: 847-972-3152  
Fax: 847-965-6541  
Email: [JRandolph@CTLGroup.com](mailto:JRandolph@CTLGroup.com)

## Credentials

- ▶ [B.S. in Geological Sciences](#)  
University of Texas at Austin,  
1981

## Services

- ▶ [Petrographic Examination](#)
- ▶ [Condition Evaluation Support](#)
- ▶ [Deterioration Investigation](#)
- ▶ [Aggregate Petrography](#)
- ▶ [Concrete Structures & Building Components](#)
- ▶ [Air-Void System Analysis](#)
- ▶ [Litigation Support](#)