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- Specific Gravity
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- Flat and Elongated Particles
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- Angularity Index
- Organic Impurities
- Effect of Organics
- Sand Equivalency
- Insoluble Residue
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- Micro-Deval Abrasion
- Stain Test
- Petrographic Examination
- Elemental Analysis
- Aglime Chemistry
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* ISO/IEC 17025 and AASHTO R18
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A Multitude of Possibilities



Consulting Geology Group



BOWSER MORNER®
COMMITTED TO EXCELLENCE
SINCE 1911

This team of licensed professional geologists is active in various phases of the aggregate industry.

Providing Expertise and Assistance with:

- Exploration/Preliminary Quality Evaluation
- Reserves Analysis
- Production Quality Analysis
- QC Quality and Gradation Testing
- New Product Development
- Aggregate Technician Training
- Forensic/Petrographic Investigations
- Appraisals Assistance
- Permitting Assistance
- Problem-Solving in Quarry Operations

An Array of Service Possibilities for the Aggregate Industry.....

Our Consulting Geology Group is supported by a full team of professional personnel and equipment.

- Subsurface Exploration
- Construction Materials and Geotechnical Testing Laboratories
- Analytical Chemistry Laboratory
- Engineering Services
- Environmental Services



Julie K. Hewlett, L.P.G.,
C.P.G., C.P.

- Senior Geologist, Bowser-Morner 1980 - Present
- Member AIPG, GSA And MAA
- Licensed Professional Geologist, Indiana, License #1492
- Certified Professional Geologist, AIPG #6661
- Ohio EPA Certified Professional, Ohio #111
- 25 Total years experience in the Aggregate and Environmental Industries



Stuart Schwotzer, L.P.G., C.P.G.

- Chairman of ASTM D4 Committee on "Roads and Paving Materials" (2002 - 2004)
- Former Bureau Chief of the Bureau of Tests, Ohio Department of Transportation (ODOT) (1995 - 1997)
- ODOT Materials Management, Head of the Aggregate Section (1968 - 1995)
- Member ASTM, AIPG, SME, NSSGA
- Licensed Professional Geologist, Indiana, License #1892
- Certified Professional Geologist, AIPG, #3221
- 35 Total years experience in the Aggregate Industry



Garry L. Getz

- Staff Geologist Shelly Materials, Inc.. Conducted reserve analysis, located Greenfield sites, developed drilling plans for exploration and presented educational programs to schools and public organizations. (2001 - 2004)
- Staff Geologist, Martin Marietta Materials. (1998 - 2001)
- Environmental Engineer, American Aggregates/Martin Marietta Materials. (1992-1998)
- Appointed by Governor to Ohio Geology Advisory Committee, 2003.
- 29 Total years experience in the Geotechnical, Construction Materials and Aggregate Industries.



William Sheftick, L.P.G.

- Former Chief Geologist of the Bureau of Materials and Physical Research, Aggregate Subunit Illinois Dept of Transportation (IDOT) (1985 - 2002)
- Field Geologist of the Bureau of Materials and Physical Research, Aggregate Subunit, Illinois Dept of Transportation (IDOT) (1970 - 1984)
- Also served IDOT as Interim Bituminous Operations Engineer, and as Quality Assurance Coordinator/ Special Assistant to the Bureau Chief
- Member ASTM, TRB, SME, NSSGA, ICAR Technical Advisory Committee
- Licensed Professional Geologist, Illinois, License #196-000228
- 33 Total years experience in the Aggregate Industry

We actively participate in numerous industry associations and technical committees, including:

- ASTM (American Society for Testing and Materials)
- ACI (American Concrete Institute)
- ORMCA (Ohio Ready Mixed Concrete Assoc.)
- NCMA (National Concrete Masonry Assoc.)
- AWWA (American Water Works Assoc.)
- NSSGA (National Stone, Sand & Gravel Assoc.)
- OAIMA (Ohio Aggregates & Industrial Mineral Assoc.)
- IMAA (Indiana Minerals Aggregates Association)
- IAAP (Illinois Association of Aggregate Producers)
- MAA (Michigan Aggregates Association)
- KCSA (Kentucky Crushed Stone Association)
- NGWA (National Ground Water Association)
- MLPA (Missouri Limestone Producers Association)
- ILPA (Iowa Limestone Producers Association)