

Bowser-Morner offers a variety of procedures.

- Sieve Analysis
- Decantation
- Crush Count
- Unit Weight
- Sodium Sulfate Soundness
- Magnesium Sulfate Soundness
- Freeze-Thaw
- LA Abrasion
- Specific Gravity
- Absorption
- Lightweight Particles
- Flat and Elongated Particles
- Deleterious Materials
- Angularity Index
- Organic Impurities
- Effect of Organics
- Sand Equivalency
- Insoluble Residue
- Mohs' Hardness
- Alkali Silica Reactivity
- Alkali Carbonate Reactivity
- Micro-Deval Abrasion
- Stain Test
- Petrographic Examination
- Elemental Analysis
- Aglime Chemistry
- Rock Core Logging



**BOWSER
MORNER**®

Jim Fletcher, V.P.
Laboratory Director
937-236-8805 Ext. 235
jfletcher@bowser-morner.com

4518 Taylorsville Road
Dayton, OH 45424*

Karl Fletcher
937-236-8805, Ext. 322
kfletcher@bowser-morner.com

1419 Miami Street
Toledo, OH 43605*

Julie Hewlett, CPG
419-691-4800
jhewlett@bowser-morner.com

Richard Allen, P.E.
419-691-4800
rallen@bowser-morner.com

2416-B Over Drive
Lexington, KY 40511

Charles Bishop, P.E.
859-233-0250
cbishop@bowser-morner.com

*ISO/IEC 17025 and AASHTO R18 Accredited

www.bowser-morner.com

A World of
Possibilities



Mineral
Aggregates
Testing



with

**BOWSER
MORNER**®

COMMITTED TO EXCELLENCE
SINCE 1911

A world of service possibilities for the **Aggregate** Industry

- **3-D Reserve Analysis**
- **Analytical Chemistry**
- **Subsurface Exploration**
- **Mechanical and Physical Testing**
- **Field Evaluation of Armor Stone**
- **Stone Materials Control Plans**
- **Environmental Investigations**
- **Environmental Chamber Testing**
- **Wetland Evaluation and Mitigation**
- **NPDES and Stormwater Management Plans**

With multiple offices and a staff of nearly 160 trained professionals, including certified technicians, Bowser-Morner is committed to offering client-focused services, value to our clients and support of the public welfare.

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 Association*)
- **NCMA** (*National Concrete Masonry Association*)
- **AWWA** (*American Water Works Association*)
- **NSSGA** (*National Stone, Sand & Gravel Association*)
- **OAIMA** (*Ohio Aggregates & Industrial Mineral Association*)
- **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*)

Bowser-Morner's rigorous quality system and technical competency resulted in our achieving the honor of being the **first** U.S. construction materials/geotechnical laboratory to be **ISO/IEC 17025** accredited by AASHTO.

Our commitment to quality and technology is also apparent with the addition of four Versa-Sonic rigs to our already well-established subsurface exploration department.



We offer a wide range of geo-environmental testing services in accordance with AASHTO, ASTM, U.S. Army Corps of Engineers and various DOT procedures to the aggregate



industry as well. These added services mean accountability for the many phases of your planning, exploration and quality control processes. Our team includes a broad range of disciplines: civil, geotechnical and mining engineering; geol-

ogy, hydrogeology, biology, chemistry, environmental science, industrial hygiene, and limnology.

Bowser-Morner can make a world of difference on your road to success. For further information and services check our website at www.bowser-morner.com or email us at sales@bowser-morner.com. We will be glad to assist you with your aggregate needs.

www.bowser-morner.com