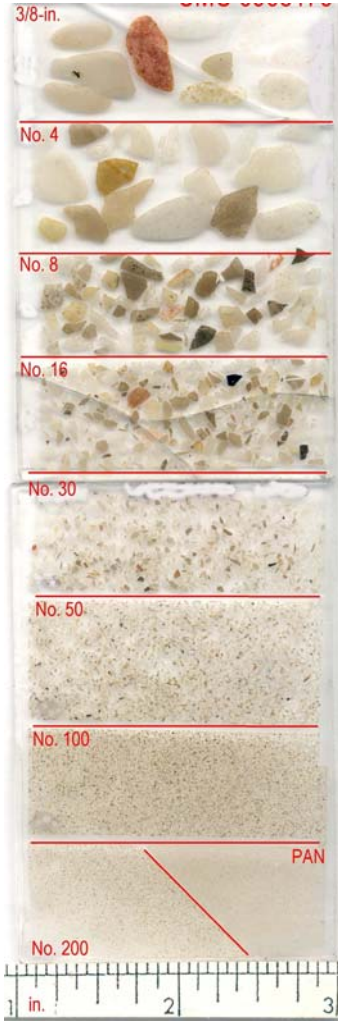




Aggregate Testing



Construction Materials Consultants, Inc.

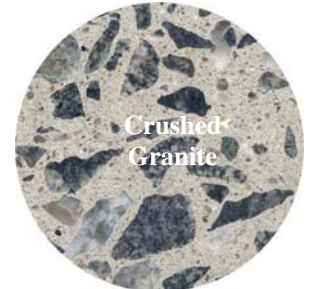


Large-area thin-section of aggregate particles for petrographic examinations

The Cement, Aggregate, and Concrete Division of CMC provides various testing and consulting services to the aggregate producers and suppliers.

Some common tests and specifications include:

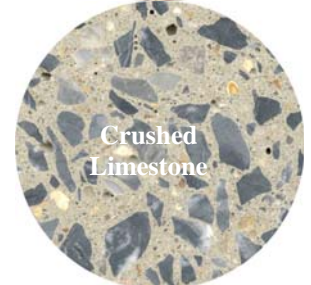
- Specifications for Concrete Aggregates (ASTM C 33)
- Specifications for Lightweight Aggregates (ASTM C 330, C 331, and C 332)
- Alkali-Silica Reactivity—Chemical Test (ASTM C 289); Mortar Bar Test (ASTM C 1260)
- Alkali-Carbonate Reactivity—Rock Cylinder Test (ASTM C 586)
- Petrographic Examinations (ASTM C 295)
- Sulfate Soundness (ASTM C 88)
- Specific Gravity and Absorption (ASTM C 127, C 128)
- Sieve Analysis (ASTM C 136)
- LA Abrasion Test (ASTM C 131, C 535)
- Bulk Density & Voids (ASTM C 29)
- Organic Impurities (ASTM C 40)
- Clay Lumps & Friable Particles (ASTM C 142)
- Other miscellaneous tests



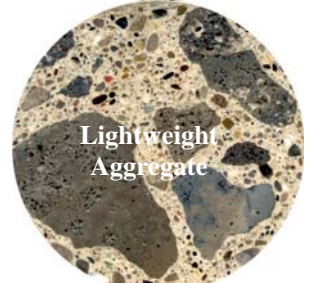
Crushed Granite



Crushed Basalt



Crushed Limestone



Lightweight Aggregate



Gravel

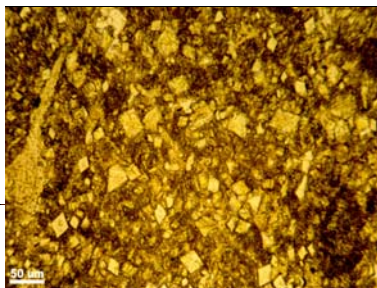
Commonly found aggregates in concrete

CMC

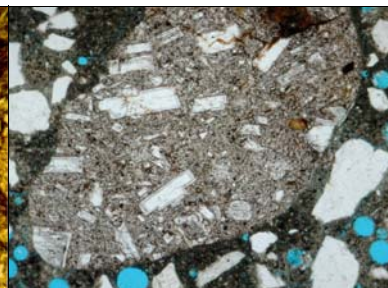
Construction Materials Consultants, Inc.

For detailed information about other testing, evaluation, and consulting services, please visit us online at:

www.cmc-concrete.com



Dolomitic Limestone—A Potentially Alkali-Carbonate Reactive Rock



Andesite—A Potentially Alkali-Silica Reactive Rock