



## ***Prairie Creek 10mm Crushed Rustic Rock Material***

Our 10mm minus crushed Rustic rock base material available at our PrairieCreek quarry is crushed directly from our blasted rock walls. This material is completely manufactured, all particles have 100% fracture faces, and contains zero clay, organic or other low density materials. The cubical nature of particles created by our impact crushers also serves to give these materials superior compaction properties. This size of material tends to be used for pathway base material or road topping material.

### **Benefits of Fish Creek Excavating Concrete Aggregates:**

- 100% manufactured material
- Zero clay, organic or low density material content
- Low flat or elongated particle content
- Superior compaction
- Harder, more durable rock

### **Typical Fish Creek Excavating Crushed Rustic Rock Product Properties**

Fractured Faces	100%
Clay Lump Content (CSA A23.2-3A)	0.0%
Low Density Granular Materials (CSA A23.2-4A)	0.0%
Material Finer Than 80µm (CSA A23.2-5A)	<2.0%
Flat & Elongated Particles (CSA A23.2-13A)	1.8%
LA Abrasion Test (ASTM C131)	20.0%
Micro-Deval Abrasion Test (CSA A23.2-23A)	8.5%
Calcium Carbonate Content (CaCO <sub>3</sub> )	12.3%

### **Fish Creek Excavating Crushed Rock - Typical Prairie Creek Rustic Chemical Analysis**

<b>Chemical/Elemental Composition</b>	<b>Prairie Creek Rustic</b>
CaO (Calcium Oxide)	10.65%
MgO (Magnesium Oxide)	2.03%
SiO <sub>2</sub> (Silicon Dioxide)	43.97%
Fe <sub>2</sub> O <sub>3</sub> (Ferric Oxide)	11.85%
Al <sub>2</sub> O <sub>3</sub> (Aluminum Oxide)	17.9%
LOI (Lost On Ignition)	2.2%

### Typical 10mm Crushed Rustic Rock Base Material Gradation

