

# Granite



## GRANITE – WILSON CLASS I TYPE A PERMEABLE

**Wilson Class I Type A Permeable** is a clean, washed, crushed granite. The product meets Cal Trans Section 68-I for permeable products. The aggregate is approximately  $\frac{3}{8}$ " and is typically specified for uses such as behind retaining walls and in drainage situations using filter fabrics. Call your Graniterock sales representative for more info on specifications. This rock is typically gray in color.

The A.R. Wilson Quarry is located near the town of Aromas, California. It is bounded on the north by the Pajaro River and the San Andreas fault.

Movement along the fault zone over millions of years has fractured and crushed much of the rock. Granite is generally a very hard, crystalline, coarse grained igneous rock, composed of feldspar, quartz, small quantities of mica or hornblende, minor accessory minerals and lesser amounts of dark ferromagnesium materials. Depending on the feldspar present, granite may be dark gray, or light gray. The granite material at the A.R. Wilson site has been classified as a hornblende gabbro of the Cretaceous Age. It is quarried from a narrowly exposed mass of plutonic rock which trends from Pajaro Gap on the northwest toward the southeast.



## WILSON CLASS I TYPE A PERMEABLE

### SIEVE ANALYSIS

INCHES	MM / UM	A.R. WILSON GRADING	CAL TRANS SPECIFICATION
¾"	19 mm	100	100
½"	12.5 mm	100	95 – 100
⅜"	9.5 mm	99	70 – 100
¼"	6.3 mm	52	
#4	4.75 mm	11	0 – 55
#8	2.36 mm	2	0 – 10
#16	1.18 mm	1	
#200	75 um	<1	0 – 3

### ASTM SPECIFICATIONS & PHYSICAL PROPERTIES

Specific Gravity	2.78	Unit Weight	93.6 lb / pcf
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