



GRANITE – WILSON 1 1/2" CLASS IV BASEROCK

Similar to 1 1/2" Class II Baserock, **Wilson 1 1/2" Class IV Baserock** is well-graded crushed granite; the larger aggregate size provides additional stability. It has a higher percentage of fines than Cls II, which makes it a little easier to grade and compact. Uses include compacted base under concrete, asphalt, and pavers. It can also be used as a driveway or pathway material, and meets Cal Trans Section 25-1 for aggregate subbase. This material 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 1 1/2" CLASS IV BASEROCK

SIEVE ANALYSIS

INCHES	MM / UM	A.R. WILSON GRADING
2"	50 mm	100
1 1/2"	37.5 mm	98
1"	25 mm	85
3/4"	19 mm	78
#4	4.75 mm	50
#30	600 um	29
#200	75 um	13

PHYSICAL PROPERTIES

Sand Equivalent	≥ 35	Coarse Durability	≥ 60
"R" Value	≥ 73	Fine Durability	≥ 42