



GRANITE – WILSON 1 1/2" X 3/4" RAILROAD BALLAST

Wilson 1 1/2" x 3/4" Railroad Ballast is a clean, 100% crushed granite. This Ballast is produced daily at Wilson Quarry to meet the American Railway Engineering Association (AREA) #4 Ballast Specifications as well as ASTM C-33 Size #4. This product has been used by the Railroad as Ballast Aggregate since the late 1800's. This type of 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.



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SIEVE ANALYSIS

INCHES	MM / UM	A.R. WILSON GRADING	ASTM C-33 #4	AREA #4 (1986)
2"	50 mm	100	100	100
1 1/2"	37.5 mm	93	90 – 100	90 – 100
1"	25 mm	47	20 – 55	20 – 55
3/4"	19 mm	11	0 – 15	0 – 15
1/2"	12.5 mm			
3/8"	9.5 mm	4	0 – 5	0 – 5
1/4"	6.3 mm			
#4	4.75 mm	2		
#200	75 um	.5	0 – 1	0 – 1

ASTM SPECIFICATIONS & PHYSICAL PROPERTIES

L.A. Rattler in accordance w/ ASTM C535	27%	Sodium Sulfate Loss in accordance w/ ASTM C88	4.8%
Specific Gravity	2.82	Unit Weight	100.7 lb / pcf