

Sand



SAND – QUAIL HOLLOW UTILITY SAND

Quail Hollow Utility Sand is specifically designed for trench applications where the sand is required to meet typical utility specifications. This sand is also ideal for all fill applications where a screened sand is preferred over a Bank Fill Sand. Utility Trench Sand can also be used as a fairway capping sand. Although it does not meet USGA specifications, it has been used as an economical fairway top dressing sand. Maximum particle size can range between $\frac{3}{4}$ " to 1".

Quail Hollow Quarry is located in Felton, California, in the Santa Cruz Mountains. Extensive outcrops of Santa Margarita Sandstone characterize the Quail Hollow site. This formation consists of thickly bedded sequences of sandy gravel, coarse sand, fine to medium sand, very fine sand, and silt. In the Quail Hollow deposit, much of the sand is very high quality and contains secondary minerals that result in an ideal glass sand formulation. Raw material color varies from a light beige-gray to beige-white.



QUAIL HOLLOW UTILITY SAND

SIEVE ANALYSIS

US MESH	MM / UM	QUAIL HOLLOW GRADING	UTILITY SAND SPECIFICATION
½"	12.5 mm	100	100
#4	4.75 mm	100	75 – 100
#8	2.36 mm	99	70 – 100
#16	1.18 mm	93	65 – 100
#30	600 um	61	60 – 100
#50	300 um	42	40 – 70
#100	150 um	13	0 – 30
#200	75 um	6.5	0 – 15

PHYSICAL PROPERTIES

	QUAIL HOLLOW SPECIFICATION	TYPICAL UTILITY SAND SPECIFICATION
ORGANIC IMPURITIES	Lighter than Plate #3	No Darker than Plate #3
SAND EQUIVALENT	70	≥ 20
pH	7.8	≥ 4.5 and < 9
CHLORIDE CONTENT	2.2	≤ 500 ppm
SULFATE CONTENT	9.6	≤ 150 ppm
COMPACTION	95% +	95%