

Borrow Area Median Grain Size

Parameter	Negative Effect	No Effect	Positive Effect
Nests	8 of 8 (0.15 to 0.64mm)		
Nesting Success	8 of 10 (0.15 to 0.48mm)	2 of 10 (0.3 to 0.64mm)	
FC @ Scarps	3 of 7 (0.18 to 0.41mm)	4 of 7 (0.26 to 0.64mm)	
Nest Location	6 of 6 (0.15 to 0.64mm)		
Incubation Period	1 of 3 (0.38mm)	2 of 3 (0.15 to 0.3mm)	
% Washed Out	3 of 6 (0.26 to 0.41mm)	3 of 6 (0.18 to 0.64mm)	
Hatching Success	1 of 7 (0.26mm)	6 of 7 (0.3 to 0.64mm)	
Emerging Success	1 of 7 (0.26mm)	5 of 7 (0.34 to 0.64mm)	1 of 7 (0.30mm)
Disorientation	4 of 6 (0.26 to 0.34mm)	2 of 6 (0.41 to 0.64mm)	

Difference in Median Grain Size Between Native and Borrow Area (negative values indicate that the borrow area was finer than the native beach)

Parameter	Negative Effect	No Effect	Positive Effect
Nests	8 of 8 (-0.12 to 0.26mm)		
Nesting Success	8 of 10 (-0.09 to 0.165mm)	2 of 10 (0.01 to 0.26mm)	
FC @ Scarps	3 of 7 (-0.09-0.11mm)	4 of 7 (-0.06 to 0.26mm)	
Nest Location	6 of 6 (-0.06 to 0.26mm)		
Incubation Period	1 of 3 (0.11mm)	2 of 3 (-0.12 to -0.02mm)	
% Washed Out	3 of 6 (-0.05 to 0.11 mm)	3 of 6 (-0.09 to 0.26 mm)	
Hatching Success	1 of 7 (-0.06mm)	6 of 7 (-0.12 to 0.26mm)	
Emerging Success	1 of 7 (-0.06mm)	5 of 7 (0.07 to 0.26mm)	1 of 7 (-0.12mm)
Disorientation	4 of 6 (-0.06 to 0.165mm)	2 of 6 (0.07 to 0.26mm)	