

Salmon Valley Sand & Gravel General Testing Aggregate Testing (Micro Deval)

Calculations	3		4			
$\%Loss=100*(A-B)/A$ Mass by Sieve	Sieve Sizes	Tested Mass (g)	Sieve Sizes	Tested Mass (g)		
	50g	4.75mm-2.36mm	50.0	4.75mm-2.36mm		
	125g	2.36mm-1.18mm	125.0	2.36mm-1.18mm		
	125g	1.18mm-600um	125.0	1.18mm-600um		
	100g	600um-300um	100.0	600um-300um		
	75g	300um-150um	75.0	300um-150um		
	25g	150um-75um	25.0	150um-75um		
	500g	Total mass(g) A	500.0	Total mass(g), A		
	Retained mass(g) B	448.9	Retained mass(g), B		AVERAGE	
TEST RESULTS	% Loss	10.2%	% Loss			10.2%
Table X1.1						
Application				Maximum Micro-Deval Abrasion Loss (%)		
Granular Sub-Base				30		
Granular Base				25		
Open-Graded Base Course				17		
Structural Concrete				17		
Concrete Pavement				13		
Asphalt Base Course & Secondary Road Surface				21		
Asphalt Concrete Surface Course				17-19		

Comments: Test result meets requirement for Structural Concrete. (Table X1.1)
+4.75mm material removed prior to testing.