

**CERTIFICATE OF TEST -- DETERMINATION OF TEN PERCENT FINES VALUE  
TO B.S. 812 PT 111: 1990.**

**LABORATORY SAMPLE NO: 1137 CERTIFICATE NO: A11/1087/90**

CLIENT: J Suttle Quarries

CONTRACT/SOURCE OF MATERIAL: C Suttle -- Swanage

DATE SAMPLED: Not Known SAMPLED BY: C Suttle DATE REC'D: 17.09.90

MATERIAL DESCRIPTION: Armour Blockstone TOTAL MASS REC'D: 50+ kgs

SAMPLE TESTED BY: G Campbell DATE TESTED: 20.09.90

SAMPLING CERTIFICATE TO BS 812 PT 102 1984: No

TYPE CONDITION OF AGGREGATE: Dry

TYPE OF DRYING: Air Dried

SIZE OF AGGREGATE: STANDARD SIZE: 14 (mm)

	TEST 1	TEST 2
MASS OF SAMPLE + MOULD + BASE PLATE	15361	15401
MASS OF MOULD + BASE PLATE	12880	12880
MASS OF SAMPLE (SATURATED SURFACE DRY)	2481	2521
MAXIMUM FORCE APPLIED (KN) (F)	102	110
PENETRATION REQUIRED (MM)	20	20
MASS OF OVEN DRIED SAMPLE (M1)		
MASS OF SAMPLE RETAINED ON 2.36MM SIEVE (M3)	2288.4	2331.2
MASS OF SAMPLE PASSING 2.36MM SIEVE (M2)	192.6	189.9
PERCENTAGE FINES = (M2/M1) X 100 =	7.76	7.53
AVERAGE PERCENTAGE FINES (M)		7.6
FORCE REQUIRED TO PRODUCE TEN PERCENT		
FINES = 14 (F)		127.9
M+4		
TEN PERCENT FINES VALUE (TFV) OF WET/ DRY AGGREGATE		
(NEAREST 10KN FOR FORCES OF 100 KN=)		130
(NEAREST 5KN FOR FORCES LESS THAN 100KN)		

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