

**CERTIFICATE OF TEST -- DETERMINATION OF RELATIVE DENSITIES AND WATER
ABSORPTION TO B.S. 812 PT 2 CLAUSE 5 1975.**

LABORATORY SAMPLE NO: 1135 CERTIFICATE NO: A8/1088/90

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: 18.09.90

SAMPLING CERTIFICATE TO BS 812 PT 102 1984: No

TYPE OF DRYING: Air Dried

20-14 mm	SAMPLE 1	SAMPLE 2	MEAN RESULT
MASS OF SAT.SURFACE-DRY SAMPLE IN AIR (A)	1133.7	803.7	
MASS OF VESSEL + SAMPLE + WATER (B)	2966.9	2358.1	
MASS OF VESSEL + WATER (C)	2262.9	1863.7	
MASS OF OVEN DRIED SAMPLE (D)	1120	789	
RELATIVE DENSITY ON OVEN DRIED SAMPLE D			
A-(B-C) (To Nearest 0.01%)	2.61	2.55	2.58
RELATIVE DENSITY ON SATURATED SURFACE DRY A			
A-(B-C) (To Nearest 0.01%)	2.64	2.6	2.62
APPARENT RELATIVE DENSITY D			
D-(B-C) (To Nearest 0.01%)	2.69	2.68	2.69
WATER ABSORPTION (% OF DRY MASS) 100 (A-D)			
D (To Nearest 0.1%)	1.21	1.86	1.54

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