

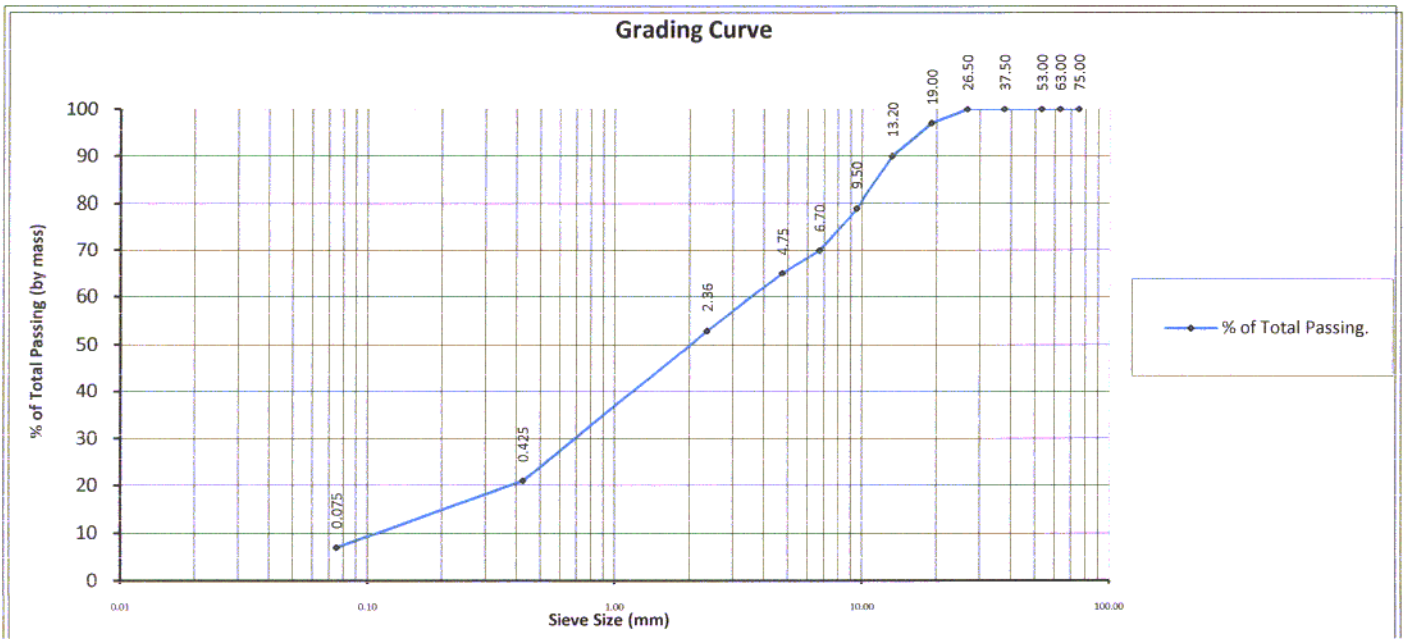


## Material Report.

Report Number.	AQ/112-17	Page 1 of 1.	Sampling Method.	as received
Client.	AEROLITE QUARRIES		Source.	ANAKIE
Laboratory Number.	10/1085		Sampled By.	H.E.
Reference Number.	N/A		Date Sampled.	08.12.10
Location.	STOCKPILE		Date Tested.	10.12.10
Sample Identification.	20mm NDCR (SCORIA)			

Material Result				
	Sieve Size (mm)	% of Total Passing.	% of Total Retained.	
Particle Size Distribution AS 1141.11.1 Washed	75.00	100	0	
	63.00	100	0	
	53.00	100	0	
	37.50	100	0	
	26.50	100	0	
	19.00	97	3	
	13.20	90	7	
	9.50	79	11	
	6.70	70	9	
	4.75	65	5	
Bulk Density AS1141.4	2.36	53	12	
	0.425	21	32	
	0.075	7	14	
	Uncompacted Bulk Dens. of Natural Agg.t/m3		1.11	
Bulk Density AS1141.4	Uncompacted Bulk Density of Dry Agg.t/m3		0.97	
	Compacted Bulk Density of Natural Agg.t/m3		1.26	
	Compacted Bulk Density of Dry Agg.t/m3		1.10	
	Moisture Content of Aggregate.%		14.3	

Atterberg Limits	Liquid Limit	4 Point	AS1289.3.1.1	WL%	N.O.
	Plastic Limit		AS1289.3.2.1	Wp%	21
	Plasticity Index		AS1289.3.3.1	Ip%	N.P.
	Linear Shrinkage		AS1289.3.4.1	LS%	0.5
Crumbling or Curling occurred					
Notes: Sample Preparation: Dry Method AS1289.1.15.3.3. N.P. Denotes Non Plastic. N.O. Denotes Not Obtainable. Oven Dried. Dry Sieved.					



Comments:

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Approved Signatory:   
Jason Stanvi. / William Payne.

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