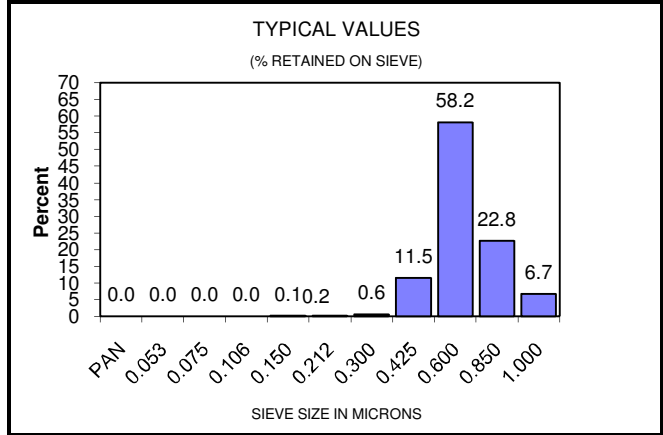




Earth Commodities Bundaberg
 PLANT: COONARR, QUEENSLAND, AUSTRALIA

**PARTICLE SIZE DISTRIBUTION AND ANALYSIS
 CERTIFICATE**

**PRODUCT DATA
 -800+400**



SIEVE SIZE		TYPICAL VALUES	
		% RETAINED	% PASSING
ASTM SIEVE SERIES NUMBER	SIEVE OPENING Microns (µm)	INDIVIDUAL	CUMULATIVE
18	1.000	6.7	93
20	0.850	22.8	71
30	0.600	58.2	12
40	0.425	11.5	1
50	0.300	0.6	0
70	0.212	0.2	0
100	0.150	0.1	0
140	0.106	0.0	0
200	0.075	0.0	0
270	0.053	0.0	0
	PAN	0.0	0
			AFS GFN 17.75

TYPICAL CHEMICAL ANALYSIS %

SiO ₂ (SILICON DIOXIDE)	..... 99.9	MgO (MAGNESIUM OXIDE)	..... <0.01
Al ₂ O ₃ (ALUMINUM OXIDE)	..... 0.05	K ₂ O (POTASSIUM OXIDE)	..... 0.01
Fe ₂ O ₃ (IRON OXIDE)	..... 0.03	Na ₂ O (SODIUM OXIDE)	..... 0.01
TiO ₂ (TITANIUM DIOXIDE)	..... 0.04	Cr ₂ O ₃ (Chromium Oxide)	..... <2ppm
CaO (CALCIUM OXIDE)	..... 0.02		

DISCLAIMER: The information set forth in this Control Test Data Sheet represents actual properties of the product sampled. The information listed as the typical chemical analysis is supplied as a guide only, and is not a specification. Sunstate Sands makes no representation or warranty concerning the Products, expressed or implied, by this Control Data Sheet. Please remember product segregation can occur through transport and handling.

WARNING: The product contains crystalline silica - quartz, which can cause silicosis (an occupational lung disease) and lung cancer.