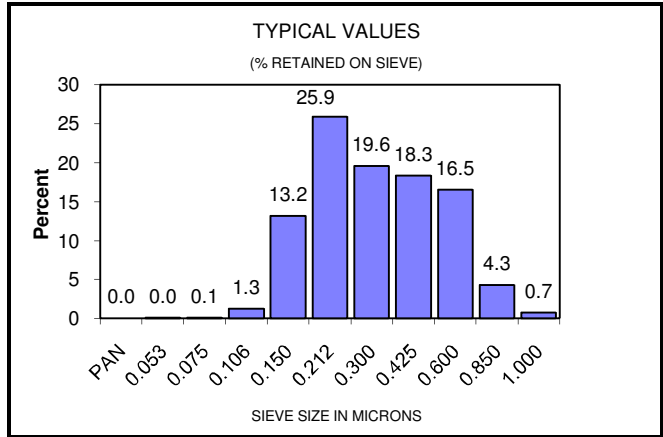




Earth Commodities Bundaberg
 PLANT: COONARR, QUEENSLAND, AUSTRALIA

**PARTICLE SIZE DISTRIBUTION AND ANALYSIS
 CERTIFICATE**

**PRODUCT DATA
 -1+250**



SIEVE SIZE		TYPICAL VALUES	
		% RETAINED	% PASSING
ASTM SIEVE SERIES NUMBER	SIEVE OPENING Microns (µm)	INDIVIDUAL	CUMULATIVE
18	1.000	0.7	99
20	0.850	4.3	95
30	0.600	16.5	78
40	0.425	18.3	60
50	0.300	19.6	40
70	0.212	25.9	15
100	0.150	13.2	1
140	0.106	1.3	0
200	0.075	0.1	0
270	0.053	0.0	0
	PAN	0.0	0
			AFS GFN 40.69

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.