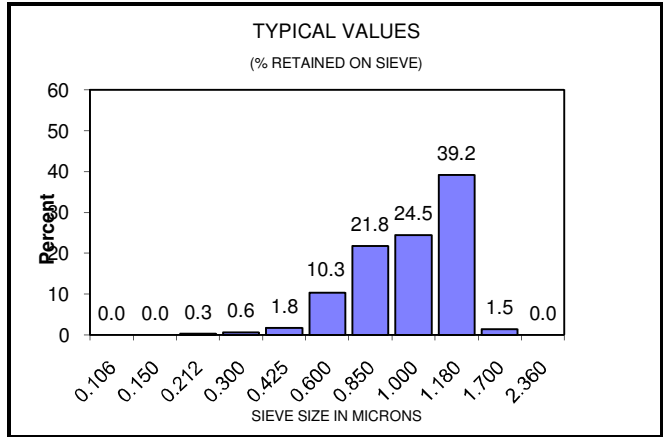




Earth Commodities Bundaberg
 PLANT: COONARR, QUEENSLAND, AUSTRALIA

**PARTICLE SIZE DISTRIBUTION AND ANALYSIS
 CERTIFICATE**

PRODUCT DATA
 Filter 1mm



SIEVE SIZE		TYPICAL VALUES	
ASTM SIEVE SERIES NUMBER	SIEVE OPENING Microns (µm)	% RETAINED INDIVIDUAL	% PASSING CUMULATIVE
8	2.360	0.0	100
12	1.700	1.5	99
16	1.180	39.2	59
18	1.000	24.5	35
20	0.850	21.8	13
30	0.600	10.3	3
40	0.425	1.8	1
50	0.300	0.6	0
70	0.212	0.3	0
100	0.150	0.0	0
140	0.106	0.0	0

TYPICAL CHEMICAL ANALYSIS %

SiO₂ (SILICON DIOXIDE)	99.9	MgO (MAGNESIUM OXIDE)	<0.01
Al₂O₃ (ALUMINUM OXIDE)	0.05	K₂O (POTASSIUM OXIDE)	0.01
Fe₂O₃ (IRON OXIDE)	0.03	Na₂O (SODIUM OXIDE)	0.01
TiO₂ (TITANIUM DIOXIDE)	0.04	Cr₂O₃ (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.