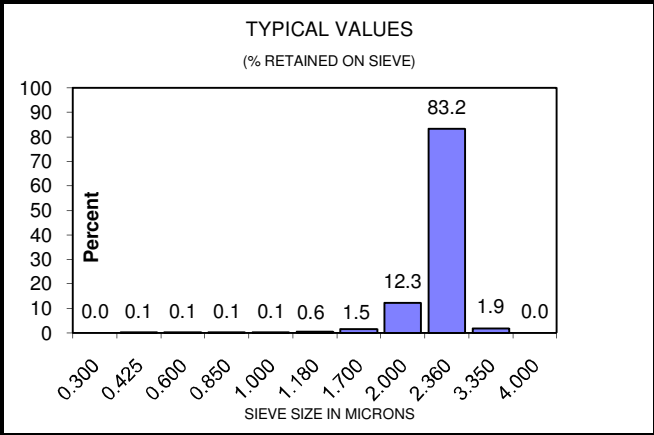




Earth Commodities Bundaberg
 PLANT: COONARR, QUEENSLAND, AUSTRALIA

**PARTICLE SIZE DISTRIBUTION AND ANALYSIS
 CERTIFICATE**

PRODUCT DATA
 3mm



SIEVE SIZE		TYPICAL VALUES	
ASTM SIEVE SERIES NUMBER	SIEVE OPENING Microns (µm)	% RETAINED INDIVIDUAL	% PASSING CUMULATIVE
5	4.000	0.0	100
6	3.350	1.9	98
8	2.360	83.2	15
10	2.000	12.3	3
12	1.700	1.5	1
16	1.180	0.6	0
18	1.000	0.1	0
20	0.850	0.1	0
30	0.600	0.1	0
40	0.425	0.1	0
50	0.300	0.0	0

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.