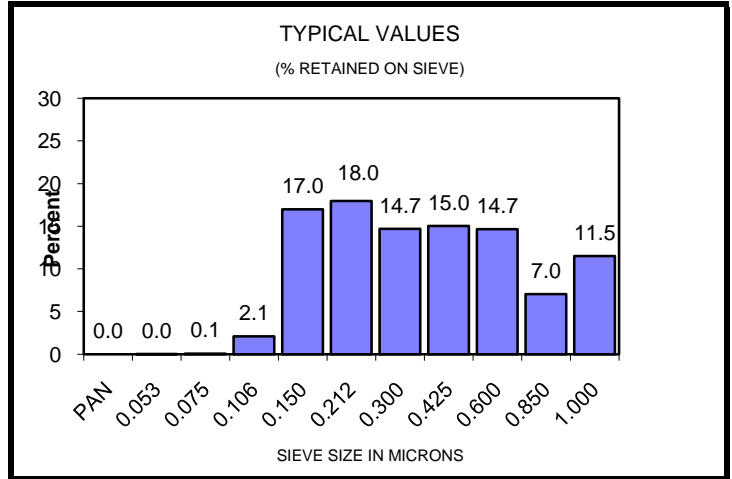




Earth Commodities Bundaberg
 PLANT: COONARR, QUEENSLAND, AUSTRALIA

**PARTICLE SIZE DISTRIBUTION AND ANALYSIS
 CERTIFICATE**

PRODUCT DATA
-1.5 Washed Stockpile



SIEVE SIZE		TYPICAL VALUES	
		% RETAINED	% PASSING
ASTM SIEVE SERIES NUMBER	SIEVE OPENING Microns (µm)	INDIVIDUAL	CUMULATIVE
18	1.000	11.5	89
20	0.850	7.0	81
30	0.600	14.7	67
40	0.425	15.0	52
50	0.300	14.7	37
70	0.212	18.0	19
100	0.150	17.0	2
140	0.106	2.1	0
200	0.075	0.1	0
270	0.053	0.0	0
	PAN	0.0	

AFS GFN
37.08

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. Earth Commodities Bundaberg 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.