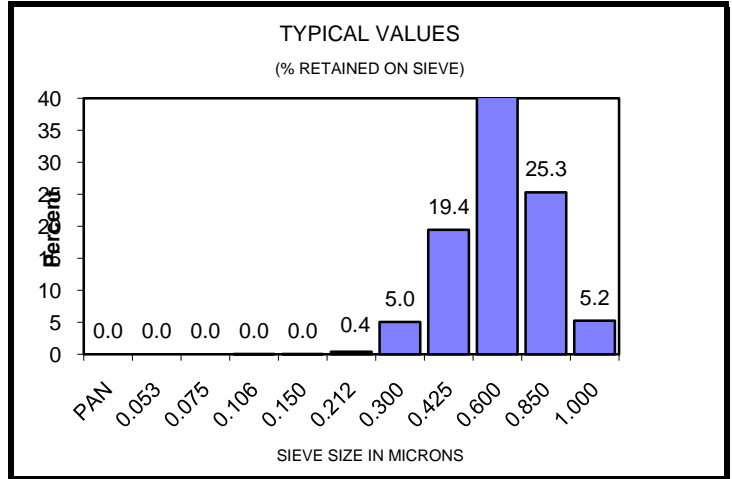




**Earth Commodities Bundaberg**  
 PLANT: COONARR, QUEENSLAND, AUSTRALIA

**PARTICLE SIZE DISTRIBUTION AND ANALYSIS  
 CERTIFICATE**

**PRODUCT DATA**  
 -1+400 SWECO



SIEVE SIZE		TYPICAL VALUES	
		% RETAINED	% PASSING
ASTM SIEVE SERIES NUMBER	SIEVE OPENING Microns (µm)	INDIVIDUAL	CUMULATIVE
18	1.000	5.2	95
20	0.850	25.3	69
30	0.600	44.6	25
40	0.425	19.4	5
50	0.300	5.0	0
70	0.212	0.4	0
100	0.150	0.0	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**  
**19.51**

**TYPICAL CHEMICAL ANALYSIS %**

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

**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.