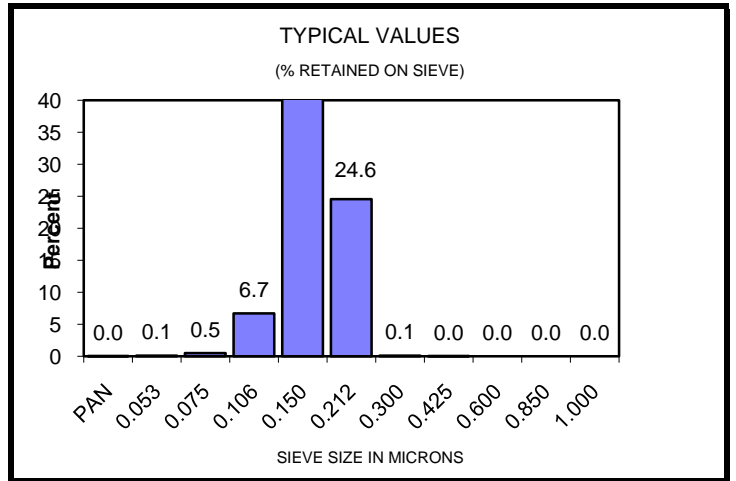




Earth Commodities Bundaberg
 PLANT: COONARR, QUEENSLAND, AUSTRALIA

**PARTICLE SIZE DISTRIBUTION AND ANALYSIS
 CERTIFICATE**

PRODUCT DATA
 -250um JayBee



| SIEVE SIZE | | TYPICAL VALUES | |
|--------------------------|----------------------------|----------------|------------|
| | | % RETAINED | % PASSING |
| ASTM SIEVE SERIES NUMBER | SIEVE OPENING Microns (µm) | INDIVIDUAL | CUMULATIVE |
| 18 | 1.000 | 0.0 | 100 |
| 20 | 0.850 | 0.0 | 100 |
| 30 | 0.600 | 0.0 | 100 |
| 40 | 0.425 | 0.0 | 100 |
| 50 | 0.300 | 0.1 | 100 |
| 70 | 0.212 | 24.6 | 75 |
| 100 | 0.150 | 68.0 | 7 |
| 140 | 0.106 | 6.7 | 1 |
| 200 | 0.075 | 0.5 | 0 |
| 270 | 0.053 | 0.1 | 0 |
| | PAN | 0.0 | 0 |

**AFS GFN
67.50**

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. 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.