

Product Specification Sheet

WATERANGA ZIRCON TYPICAL ANALYSIS OF PRODUCTS March 2008

Element	Analysis
TiO ₂ %	0.07
Fe ₂ O ₃ %	0.03
SiO ₂ %	32.7
Al ₂ O ₃ %	0.07
MgO %	-0.01
MnO %	0.02
ZrO ₂ + HfO ₂	66.8
P ₂ O ₅ %	0.64
U ppm	81
Th ppm	69
CaO %	0.01
CeO ₂	0.03
V ₂ O ₅	0.07
Nb ₂ O ₅	0.013
SO ₃ %	0.3
K ₂ O %	0.01

screen size (µm)	Coarse			Fine		
	wt %	Cum wt % Passing	Cum wt % Retained	wt %	Cum wt % Passing	Cum wt % Retained
250	0.88	99.12	0.88	0.00	100.00	0.00
212	2.83	96.28	3.72	0.00	100.00	0.00
180	6.55	89.73	10.27	0.00	100.00	0.00
150	20.18	69.56	30.44	0.78	99.22	0.78
125	17.52	52.04	47.96	0.78	98.45	1.55
106	22.83	29.20	70.80	1.81	96.64	3.36
90	17.17	12.04	87.96	5.43	91.21	8.79
75	7.96	4.07	95.93	18.86	72.35	27.65
63	3.19	0.88	99.12	28.42	43.93	56.07
Av 30	0.88	0.00	100.00	43.93	0.00	100.00
total	100.00			100.00		
	D ₅₀		123.3	D ₅₀		65.6



