

**Product Specification Sheet**

**WATERANGA FELDSPAR**

**TYPICAL ANALYSIS OF PRODUCTS**

March 2008

Elements	Unconsolidated Material				Selective Mining	Hardrock Source
	Fine	Medium	Coarse	Weighted average		
SiO <sub>2</sub> %	61.0	60.3	60.6	60.7	56.3	52.2
Fe <sub>2</sub> O <sub>3</sub> %	0.18	0.21	0.19	0.19	0.19	<0.1
Al <sub>2</sub> O <sub>3</sub> %	24.3	24.5	24.6	24.4	27.3	29.7
CaO %	8.86	9.00	9.07	8.94	10.2	12.9
K <sub>2</sub> O %	0.34	0.32	0.30	0.32	0.4	0.17
MgO %	0.04	0.06	0.04	0.04	0.05	0.15
Na <sub>2</sub> O %	4.68	4.89	4.74	4.72	5.15	4.11
P <sub>2</sub> O <sub>5</sub> %	0.021	0.048	0.036	0.03	0.016	0.03
SO <sub>3</sub> %	0.08	0.19	0.13	0.11		
TiO <sub>2</sub> %	0.06	0.07	0.06	0.06		
MnO %	<0.01	<0.01	<0.01	<0.01	<0.01	
BaO %	0.04	0.05	0.04	0.04		
SrO %	0.05	0.05	0.05	0.05		
ZrO <sub>2</sub>	<0.01	<0.01	0.02	<0.01		
V <sub>2</sub> O <sub>5</sub>	0.003	0.003	0.003	0.003		
LOI <sub>1000</sub>	0.27	0.57	0.56	0.40		

screen size (µm)	Fine Feldspar		Medium Feldspar		Coarse Feldspar	
	wt %	Cum wt % Passing	wt %	Cum wt % Passing	wt %	Cum wt % Passing
500	0.00	100.00	0.08	99.92	0.88	99.12
355	0.02	99.98	0.22	99.70	23.29	75.83
212	1.54	98.44	30.19	69.51	66.46	9.37
180	8.83	89.61	43.62	25.89	7.39	1.98
150	16.74	72.87	20.79	5.11	1.53	0.45
125	24.67	48.19	4.38	0.73	0.32	0.14
106	18.26	29.93	0.51	0.23	0.09	0.04
90	15.50	14.43	0.18	0.04	0.04	0.01
63	13.17	1.26	0.04	0.00	0.00	0.00
38	1.26	0.00	0.00	0.00	0.00	0.00
0	0.00	0.00	0.00	0.00	0.00	0.00
total	100.00		100.00		100.00	
	D50	127	D50	198	D50	299



