

BB-1

USE'S

CHEMICAL PROPERTIES

XRF Verified

SiO₂	%	55.4
Al₂O₃	%	23.9
Fe₂O₃	%	5.99
Ti₂O₃	%	2.80
CaO	%	0.20
MgO	%	0.24
K₂O	%	0.76
Na₂O	%	0.19
LOi	%	8.8

Total 98.28

PHYSICAL PROPERTIES

Partical Size Distribution by SediGraph

< 7um	%	84.7
< 5um	%	81.1
< 2um	%	68.5
< 1um	%	56.5

Sieve Residue-wet Retention

> 125um	%	2.09
> 75um	%	2.01
> 45 um	%	2.19
Cumulative>45	%	6.28

MBI	mg g ⁻¹	45.2
Sulphate	ppm	-
pH		-
Conductivity	uS	-
Soluble Salt	ppm	1,900
MoR(extruded)	Kg cm ⁻²	-
MoR(Dry)		50.2
WABS	%	6.88
	L*	48.2
Colour	a*	7.3
	b*	24.9
Shrinkage	%	10.9