



BG-1

CHEMICAL PROPERTIES

XRF Verified

SiO₂	%	53.26
Al₂O₃	%	28.41
Fe₂O₃	%	2.19
Ti₂O₃	%	3.28
CaO	%	0.31
MgO	%	0.24
K₂O	%	0.07
Na₂O	%	0.72
LOi	%	11.09
Total		99.57

PHYSICAL PROPERTIES

Partical Size Distribution by SediGraph

< 7um	%	-
< 5um	%	-
< 2um	%	-
< 1um	%	-

Sieve Residue-wet Retention

> 125um	%	-
> 75um	%	-
> 45 um	%	-
Cumulative>45	%	-

MBI	mg g ⁻¹	42.8
Sulphate	ppm	681.7
pH		7.4
Conductivity	uS	218
Soluble Salt	ppm	1,630
MoR(Fired)		412
MoR(Dry)		52.2
WABS	%	1.01
	L*	75.3
Colour	a*	2.6
	b*	21.47
Shrinkage	%	12.6