



Data Sheet

Filter-cake – Wallerawang Quarry Wash Plant
Very Fine Silica Sand (as SiO₂) <77%

Size Distribution 1.2µm to 300µm (Coffey Testing – Ref: SYDN23S-02668-1)

Particle Size		% Passing
2.36mm	Sand Fraction	100
300µm		100
150µm		99
75µm		95
54.2µm	Silt Fraction	91
39.1µm		88
28.2µm		84
20.3µm		81
14.8µm		76
11.0µm		72
8.0µm		67
5.8µm		62
4.1µm		58
3.0µm		53
1.2µm		48
1.2µm		47

XRF Analysis (Bureau Veritas Minerals Pty Ltd Ref: NE85075581)

				SYND235S 06473
	Basis	Unit	DL	
NQ797 – Analysis of Refractories by XRF				
Aluminium as AL ₂ O ₃	(db)	%	0.01	12.7
Silicon as SiO ₂	(db)	%	0.02	77
Iron as Fe ₂ O ₃	(db)	%	0.02	3.15
Titanium as TiO ₂	(db)	%	0.02	0.54
Calcium as CaO	(db)	%	0.02	0.05
Magnesium as MgO	(db)	%	0.05	0.44
Sodium as Na ₂ O	(db)	%	0.05	0.23
Potassium as K ₂ O	(db)	%	0.01	2.2
Sulfur as SO ₃	(db)	%	0.02	0.03
Phosphorus as P ₂ O ₅	(db)	%	0.02	0.10
Iginition Loss (1000 Deg)	(db)	%	-100	3.29



Moisture Content : Approximately 6%-8%

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