

FINAL ANALYSIS REPORT

Attention: Robert Kelbrick
Company: Rhino Quarries
Order No: Paid
Address: 5 Styer St
Randfontein

Labware No. ISA/20/0427
Date: 12/06/2020

Sample Type: Other
Condition of samples: Acceptable

Element	Fe2O3	MnO	Cr2O3	V2O5	TiO2	CaO	K2O	P2O5	SiO2	Al2O3	MgO	Na2O	H2O-plus LOI
Units	%	%	%	%	%	%	%	%	%	%	%	%	%
Method No.	M451*	M451*	M451*	M451*	M451*	M451*	M451*	M451*	M451*	M451*	M451* FUS/XRF*	M451* FUS/XRF*	GRAV*
SARM 1	2.00	0.02	<0.07	<0.23	0.09	0.78	5.14	<0.02	73.8	12.0	<0.3	3.41	0.76
SARM 32	0.14	<0.02	<0.07	<0.23	<0.03	54.6	<0.17	40.159	<0.8	<0.2	0.56	<0.1	1.64
AMIS0056	10.0	0.19	0.18	<0.23	0.25	11.8	<0.17	<0.02	47.3	7.43	17.9	0.58	4.48
RED	0.54	<0.02	<0.07	<0.23	0.07	<0.06	<0.17	<0.02	99.0	0.93	<0.3	<0.1	0.32
Dupl-RED	0.55	<0.02	<0.07	<0.23	0.07	<0.06	<0.17	<0.02	99.2	0.92	<0.3	<0.1	0.33
WHITE	0.48	0.22	<0.07	<0.23	0.03	<0.06	<0.17	<0.02	99.2	0.30	<0.3	<0.1	0.10
BLANK	<0.06	<0.02	<0.07	<0.23	0.03	<0.06	<0.17	<0.02	99.2	0.43	<0.3	<0.1	0.18

FUS/XRF* = Fuse disc - XRF finish



Nthudzeni Mabidi
(Report compiler)

Please note:

- 1 All methods indicated with an asterisk next to the code are not accredited
Please refer to the table at the end of this report for the concentration ranges;
- 2 Results relate only to the samples tested;
- 3 Results are reported on an "as received" basis unless otherwise specified;
- 4 This report may not be reproduced, except in full, without the written approval of Set Point Laboratories;
- 5 While every effort is made to provide analysis of the highest accuracy, the liability of Set Point Laboratories is restricted to the cost of the analysis.
- 6 Although the results have been verified as correct, the original hard copy and pdf is the only valid test report.



Jack Mahlane
(Technical Signatory)

INFORMATION SHEET TO ANALYSIS REPORT

Method used and accredited ranges:

DETERMINAND	METHOD CODE	ACCREDITED	TECHNIQUE	Limit of Detection	Range Accredited
Fe2O3	M451	Yes	XRF fused disc	Fe2O3 0.06%	Fe2O3 0.1 - 99.75 %
MnO	M451	Yes	XRF fused disc	MnO 0.02%	MnO 0.21 - 65.74%
Cr2O3	M451	Yes	XRF fused disc	Cr2O3 0.07%	Cr2O3 0.42 - 49 %
V2O5	M451	Yes	XRF fused disc	V2O5 0.23%	V2O5 0.23 - 9.36 %
TiO2	M451	Yes	XRF fused disc	TiO2 0.03%	TiO2 0.09 - 32.8 %
CaO	M451	Yes	XRF fused disc	CaO 0.06%	CaO 0.14 - 70 %
K2O	M451	Yes	XRF fused disc	K2O 0.17%	K2O 0.17 - 15.35 %
P2O5	M451	Yes	XRF fused disc	P2O5 0.02%	P2O5 0.03 - 39.96%
SiO2	M451	Yes	XRF fused disc	SiO2 0.8%	SiO2 0.8- 99.6 %
Al2O3	M451	Yes	XRF fused disc	Al2O3 0.2%	Al2O3 0.8 - 58.8 %
MgO	M451	Yes	XRF fused disc	MgO 0.3%	MgO 0.3 - 43.51 %
Copper (Cu) Merensky	M450	Yes	XRF Pressed disc	Cu-10ppm	Cu 10-5000ppm
Nickel (Ni) Merensky	M450	Yes	XRF Pressed disc	Ni-10ppm	Ni 10-9000ppm
Copper (Cu) UG2	M450	Yes	XRF Pressed disc	Cu-10ppm	Cu 10-4000ppm
Nickel (Ni) UG2	M450	Yes	XRF Pressed disc	Ni-10ppm	Ni 10-7000ppm

Record: Analysis report information sheet, revision status: 2020-03-03

Designed and approved by: T Horsfield