



ANALYSIS REPORT RFT23-32366

To OFP SOUTH AFRICA (PTY) LTD
LEBOGANG MALATJI
167 KENNETH ROAD
GREENHILLS
RANDFONTEIN 1759
SOUTH AFRICA

Order Number	15422REV1	Date Received	02-Mar-2023
Submission Number	OFP SOUTH AFRICA	Date Analysed	02-Mar-2023 - 09-Mar-2023
Number of Samples	3	Date Completed	09-Mar-2023
		SGS Order Number	RFT23-32366

Methods Summary

<u>Number of Sample</u>	<u>Method Code</u>	<u>Description</u>
3	G_WGH_KG	Weight of samples received
3	GO_XRF72FE1	Borate Fusion Iron ore, ore grade, XRF (short)
3	G_PHY01V	Loss on ignition (LOI), Furnace, variable wt, variable temp

Results approved by _____ Results approved by _____

Results approved by _____ Results approved by _____

Results approved by _____ Results approved by _____



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- not analysed | -- element not determined | I.S. insufficient sample | L.N.R. listed not received



Order Number 15422REV1
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Element	WTG	*Al2O3	*BaO	*CaO	*Cr2O3	*Fe2O3
Method	G_WGH_KG	GO_XRF72FE1	GO_XRF72FE1	GO_XRF72FE1	GO_XRF72FE1	GO_XRF72FE1
Lower Limit	0.01	0.01	0.01	0.01	0.01	0.01
Upper Limit	--	100	1.1	40	10	100
Unit	g	%	%	%	%	%
Iron Ore 1	4187.60	5.29	<0.01	0.13	0.33	70.37
Iron Ore 2	4751.00	3.48	<0.01	0.02	0.49	77.83
Iron Ore 3	3754.70	3.67	<0.01	0.02	0.41	78.23
*Std AMIS0346	-	2.87	<0.01	0.48	0.04	62.99
*Blk BLANK	-	<0.01	<0.01	<0.01	<0.01	<0.01
*Rep Iron Ore 2	-	3.50	<0.01	0.03	0.49	77.63

Element	*K2O	*MgO	*Na2O	*P2O5	*SiO2	*TiO2
Method	GO_XRF72FE1	GO_XRF72FE1	GO_XRF72FE1	GO_XRF72FE1	GO_XRF72FE1	GO_XRF72FE1
Lower Limit	0.01	0.01	0.01	0.02	0.01	0.01
Upper Limit	10	100	2	23	100	50
Unit	%	%	%	%	%	%
Iron Ore 1	0.03	0.74	0.07	<0.02	6.79	12.05
Iron Ore 2	<0.01	0.79	0.07	<0.02	1.52	13.64
Iron Ore 3	<0.01	0.78	0.07	<0.02	1.90	13.33
*Std AMIS0346	0.05	2.04	0.05	0.15	4.81	25.17
*Blk BLANK	<0.01	<0.01	<0.01	<0.02	<0.01	<0.01
*Rep Iron Ore 2	<0.01	0.80	0.07	<0.02	1.53	13.57

Element	*V2O5	*Fe	*Mn	*MnO	*P	*LOI
Method	GO_XRF72FE1	GO_XRF72FE1	GO_XRF72FE1	GO_XRF72FE1	GO_XRF72FE1	G_PHY01V
Lower Limit	0.02	0.01	0.01	0.01	0.01	-10
Upper Limit	8.9	70	28	36	10	100
Unit	%	%	%	%	%	%
Iron Ore 1	1.62	49.21	0.16	0.21	<0.01	1.73020
Iron Ore 2	1.82	54.44	0.17	0.22	<0.01	0.04476
Iron Ore 3	1.74	54.71	0.16	0.21	<0.01	0.16645
*Std AMIS0346	-	-	-	-	-	0.08322
*Std AMIS0346	0.48	44.05	0.32	0.41	0.06	-
*Blk BLANK	<0.02	<0.01	<0.01	<0.01	<0.01	-

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Element	*V2O5	*Fe	*Mn	*MnO	*P	*LOI
Method	GO_XRF72FE1	GO_XRF72FE1	GO_XRF72FE1	GO_XRF72FE1	GO_XRF72FE1	G_PHY01V
Lower Limit	0.02	0.01	0.01	0.01	0.01	-10
Upper Limit	8.9	70	28	36	10	100
Unit	%	%	%	%	%	%
*Rep Iron Ore 2	1.82	54.29	0.17	0.21	<0.01	-
*Rep Iron Ore 2	-	-	-	-	-	0.03711

Tests marked with an Asterix (*) in this report are included in the SANAS Accreditation Schedule for this Laboratory.

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