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Constraints on the magmatic evolution of the Lower Main Zone and Platreef on the northern limb of the Bushveld Complex as inferred from the Moordkopje drill core

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2010-12-02
http://hdl.handle.net/10539/8903

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APPENDIX C: Semi-quantitative mineral abundances of selected samples as determined by X-Ray Diffraction analysis.

Depth (m)	Lithology	Orthopyroxene	Clinopyroxene	Plagioclase	K-feldspar	Quartz	Amphibole	Mica	Epidote	Prehnite	Chlorite	Serpentine	Talc	Smectite	Calcite	Ilmenite
1919.31	GN	23	29	41	-	4	2	-	-	-	1	-	-	-	-	-
2651.7	LG	-	4	76	-	7	2	1	-	4	6	-	-	-	-	-
2653.7	GB	-	-	55	-	4	-	4	3	17	17	-	-	-	-	trace
2671.7	An	-	5	74	-	3	-	5	2	8	3	-	-	-	-	-
2835.8	LGN	5	7	76	-	3	2	2	-	-	3	2	-	-	-	-
3003.7	Pegm	-	36	36	-	11	10	2	-	-	3	-	2	-	-	-
3020.44	GN	19	20	36	-	7	5	-	-	-	13	-	-	-	-	-
3040.7	GN	-	25	36	-	14	6	4	-	-	12	-	3	-	-	-
3067.51	Xen	-	-	3	-	45	5	-	-	43	4	-	-	-	-	-
3146.7	GN	19	22	43	-	7	2	-	-	-	7	-	-	-	-	-
3230.7	MGN	39	7	18	-	3	9	2	4	-	3	2	11	-	2	-
3232.7	AUM	-	-	-	-	-	-	-	-	-	13	37	43	-	7	-
3258.2	LGN	26	5	46	-	3	-	4	10	2	2	-	2	-	-	-
3297.7	MGN	43	8	20	-	2	2	2	5	-	6	-	10	2	-	-
3393.7	GB	-	-	62	26	9	-	1	-	-	1	-	-	-	1	-
3405.7	GTD	-	-	42	22	36	-	-	-	-	-	-	-	-	-	-
3422.7	GN	29	19	45	-	-	2	2	-	-	1	1	1	-	-	-
3425.7	GR	-	-	36	20	43	-	-	-	-	1	-	-	-	-	-
3436.2	GR	-	-	36	27	34	-	2	-	-	1	-	-	-	-	-

All depths calculated and reported relative to Upper Zone-Main Zone boundary.
Lithologies: GN = Gabbronorite; LG = Leucogabbro; GB = Gabbroid; An = Anorthosite; LGN = Leucogabbronorite; Pegm = Pegmatoid; Xen = Xenolith; MGN = Melagabbronorite; AUM = Altered ultramafic; GTD = Granitoid; GR = Granite