

Unit	I		I		I		I		IV		IV	
Stage	LUI		UUI		UUI		UUI		early		early	
Sample	NPD 1		NPD 6		NPD 4		NPD 4		NPD 15		NPD 15	
Rock type	WP		GP		BS		BS		GS		GS	
Phase	Mag	Ilm	Mag	Ilm	Mag	Ilm	Mag	Ilm	Mag	Ilm	Mag	Ilm
	Core		Core		Core		Rim		Core		Rim	
(wt.%)												
SiO ₂	0.05	0.03	0.07	0.02	0.10	0.02	0.07	0.20	0.08	0.01	0.06	0.55
TiO ₂	5.44	39.65	5.96	38.36	5.64	38.48	10.67	36.92	6.10	37.22	11.71	38.32
Al ₂ O ₃	1.78	0.18	1.87	0.24	2.05	0.21	1.94	0.43	2.05	0.18	1.51	0.18
FeO	83.95	53.83	85.10	55.70	83.16	55.87	76.84	54.41	85.01	57.39	80.19	55.95
MnO	0.88	0.99	0.69	0.91	0.74	0.73	0.83	0.64	0.71	0.59	0.82	0.72
MgO	1.16	1.82	1.21	2.13	1.49	1.95	1.80	2.31	1.46	2.10	2.06	2.28
CaO	0.01	0.00	0.07	0.02	0.00	0.00	0.00	0.00	0.00	0.02	0.00	0.01
Total	93.28	96.50	94.97	97.38	93.18	97.26	92.15	94.91	95.41	97.51	96.35	98.01
Fe ₂ O ₃ *	56.1	24.9	50.9	17.4	52.5	25.9	44.6	31.6	56.3	29.1	44.8	24.2
FeO*	33.4	31.5	41.2	42.2	37.0	33.0	36.7	25.4	34.3	31.6	40.3	35.0
Total	98.9	99.0	102.0	101.3	99.5	100.3	96.6	97.5	101.0	100.8	101.3	101.3
X _{Usp} *	0.158		0.200		0.174		0.315		0.172		0.332	
X _{Ilm} *		0.750		0.832		0.745		0.671		0.714		0.763
T(°C)**	800		794		815		964		822		931	
log ₁₀ fO ₂ **	-12.0		-12.7		-11.7		-9.6		-11.5		-10.4	