

Table 2 : Representative electron microprobe analyses of ilmenite from thin amphibole-rich veins

sample	71 330	74-270	74-262(P)	74-262(A)	72-442	72-442	71-332	71-334	71-334	71-334	71-334	71-334	71-334*
distance from the vein walls (cm)		0	0.5	0.5	0.5	0	0	0.5	0.5	1	1.5	3	4
Wt.%													
TiO ₂	57.60	55.37	55.65	57.49	57.48	55.9	55.91	56.05	56.95	54.85	52.21	52.32	50.41
Al ₂ O ₃	-	0.05	0.05	-	-	0.02	0.07	-	-	-	-	-	-
Cr ₂ O ₃	0.30	0.26	0.28	0.21	0.17	0.15	0.1	0.21	0.16	-	0.08	0.14	0.02
Fe ₂ O ₃	-	2.00	0.40	-	-	0.34	1.17	1.02	1.19	1.55	3.77	2.92	5.42
FeO	28.51	30.87	34.32	32.10	32.02	36.62	33.8	31.43	30.83	34.75	37.97	40.26	41.52
NiO	0.14	-	-	0.06	0.03	0.07	-	0.17	-	-	0.06	0.06	0.05
MnO	0.48	0.47	0.66	0.54	0.55	0.74	0.49	0.31	0.53	0.55	0.44	0.41	0.41
MgO	12.29	11.42	8.60	10.53	10.57	7.28	9.01	10.52	11.17	7.87	4.81	3.61	1.91
CaO	0.12	0.02	-	0.04	0.06	-	0.02	0.10	-	-	0.06	-	0.06
Sum	99.46	100.46	99.93	100.97	100.9	101.17	100.68	99.82	100.84	99.57	99.40	99.72	99.83
mol.%													
FeTiO ₃	56.6	58.2	59.9	63.0	63	73.6	67.0	62.1	60.1	70.2	78.7	83.9	87.7
MgTiO ₃	43.4	40.0	30.6	37.0	37.0	26.0	31.9	37.1	38.9	28.3	17.8	13.4	7.2
Fe ₂ O ₃	-	1.8	0.4	-	-	0.4	1.1	0.8	1.0	1.4	3.5	2.7	5.2

(P) : inside wall-rock peridotites ; A : inside amphibole websterite* inclusion in plagioclase