Table A3-2. Distribution coefficients used in Batch Melting models. K_d values from GERM Internet site (http://earthref.org/GERM/index.html) or interpreted when no value was available. Both 18% and 47% melting were used to calculate results depicted in the fields on figures 30 and 31.

Stage 3- 18% Melting

Phase:	Plagioclase	Quartz	Orthoclase	Fe-Ti Oxide	Clinopyroxene	Orthopyroxene	
% Phase:	62.6	9.6	2.0	3.6	14.6	7.6	**Bulk D**
Ni	0.7	0	0.18	30	1	11	**2.51**
Cr	0.01	0	0.01	54	30	10	**7.10**
Sc	0.04	0	0.01	1.5	44	18	**7.87**
V	0.01	0	0.01	1	2.5	5.8	**0.85**
Ba	0.56	0	4.9	0.1	0.1	0.1	**0.47**
Rb	0.06	0	1.2	0.01	0.03	0.01	**0.07**
Sr	6.8	0	4.5	0.01	0.5	0.01	**4.42**
Zr	0.04	0	0.01	0.24	0.29	0.009	**0.08**
Y	0.04	0	0.017	0.12	2.6	0.4	**0.44**
Nb	0.26	0	0.01	0.1	0.2	0.54	**0.24**
Zn	1	0	0.041	15	2	14	**2.53**
La	0.3	0	0.07	0.66	0.76	0.72	**0.38**
Ce	0.21	0	0.044	0.71	0.646	0.87	**0.32**
Nd	0.14	0	0.025	0.93	1.28	1.2	**0.40**
Sm	0.11	0	0.018	1.2	1.81	1.5	**0.49**
Eu	2	0	1.13	0.91	2.01	0.81	**1.66**
Gd	0.01	0	0.01	1	1.41	1	**0.32**
Dy	0.01	0	0.04	1.6	1.22	1.8	**0.38**
Er	0.01	0	0.162	1	1.14	0.85	**0.28**
Yb	0.06	0	0.03	1	1.14	2	**0.39**
Lu	0.06	0	0.02	0.3	1.28	2.1	**0.40**
K	0.5	0	2	0.01	0.01	0.01	**0.36**
Mg	0.1	0	0.18	10	1	10	**1.33**

Stage 5- 47% Melting

Phase:	Plagioclase	Quartz	Orthoclase	Fe-Ti Oxide	Clinopyroxene	Orthopyroxene	
% Phase:	73.1	4.9	0.0	2.6	14.5	4.8	**Bulk D**
Ni	0.7	0	0.18	30	1	11	**1.97**
Cr	0.01	0	0.01	54	30	10	**6.26**
Sc	0.04	0	0.01	1.5	44	18	**7.31**
V	0.01	0	0.01	1	2.5	5.8	**0.67**
Ba	0.56	0	4.9	0.1	0.1	0.1	**0.43**
Rb	0.06	0	1.2	0.01	0.03	0.01	**0.05**
Sr	6.8	0	4.5	0.01	0.5	0.01	**5.05**
Zr	0.04	0	0.01	0.24	0.29	0.009	**0.08**
Y	0.04	0	0.017	0.12	2.6	0.4	**0.43**
Nb	0.26	0	0.01	0.1	0.2	0.54	**0.25**
Zn	1	0	0.041	15	2	14	**2.09**
La	0.3	0	0.07	0.66	0.76	0.72	**0.38**
Ce	0.21	0	0.044	0.71	0.646	0.87	**0.31**
Nd	0.14	0	0.025	0.93	1.28	1.2	**0.37**
Sm	0.11	0	0.018	1.2	1.81	1.5	**0.45**
Eu	2	0	1.13	0.91	2.01	0.81	**1.82**
Gd	0.01	0	0.01	1	1.41	1	**0.29**
Dy	0.01	0	0.04	1.6	1.22	1.8	**0.31**
Er	0.01	0	0.162	1	1.14	0.85	**0.24**
Yb	0.06	0	0.03	1	1.14	2	**0.33**
Lu	0.06	0	0.02	0.3	1.28	2.1	**0.34**
K	0.5	0	2	0.01	0.01	0.01	**0.37**
Mg	0.1	0	0.18	10	1	10	**0.96**