

Supplementary data (Krippner et al.)

Table S1. Heavy-mineral assemblages with and without opaque minerals.

AK-N8-1	Proportion [%]	Quantity	AK-N8-1	Proportion [%]	Quantity
opaque	8.8	26	-	-	-
micas	2.4	7	-	-	-
alterites	0	0	-	-	-
garnet	64.6	190	garnet	72.8	190
pyroxene	9.5	28	pyroxene	10.7	28
epidote	0.7	2	epidote	0.8	2
zoisite	4.8	14	zoisite	5.4	14
amphibole	0.7	2	amphibole	0.8	2
kyanite	0.3	1	kyanite	0.4	1
olivine	0	0	olivine	0	0
apatite	5.4	16	apatite	6.1	16
zircon	1.7	5	zircon	1.9	5
tourmaline	0	0	tourmaline	0	0
rutile	1	3	rutile	1.1	3
titanite	0	0	titanite	0	0
Total	100	294	Total	100	261

AK-N13-1	Proportion [%]	Quantity	AK-N13-1	Proportion [%]	Quantity
opaque	0	0	-	-	-
micas	1.4	4	-	-	-
alterites	1.8	5	-	-	-
garnet	9.3	26	garnet	9.6	26
pyroxene	35	98	pyroxene	36.2	98
epidote	12.9	36	epidote	13.3	36
zoisite	25.4	71	zoisite	26.2	71
amphibole	2.5	7	amphibole	2.6	7
kyanite	1.8	5	kyanite	1.8	5
olivine	1.8	5	olivine	1.8	5
apatite	2.5	7	apatite	2.6	7
zircon	0	0	zircon	0	0
tourmaline	2.1	6	tourmaline	2.2	6
rutile	1.8	5	rutile	1.8	5
titanite	1.8	5	titanite	1.8	5
Total	100	280	Total	100	271

AK-N37	Proportion [%]	Quantity	AK-N37	Proportion [%]	Quantity
opaque	19.8	73	-	-	-
micas	6.3	23	-	-	-
alterites	2.2	8	-	-	-
garnet	21.2	78	garnet	29.5	78
pyroxene	32.6	120	pyroxene	45.5	120
epidote	1.4	5	epidote	1.9	5
zoisite	2.7	10	zoisite	3.8	10
amphibole	4.9	18	amphibole	6.8	18
kyanite	0.5	2	kyanite	0.8	2
olivine	0.5	2	olivine	0.8	2
apatite	3.5	13	apatite	4.9	13
zircon	1.6	6	zircon	2.3	6
tourmaline	2.2	8	tourmaline	3	8
rutile	0.3	1	rutile	0.4	1
titanite	0.3	1	titanite	0.4	1
Total	100	368	Total	100	264

Table S2. Groups of heavy-mineral assemblages.

AK-N8-1	Proportion [%]	Quantity
garnet	72.8	190
pyroxene	10.7	28
epidote-group	6.1	16
amphibole	0.8	2
apatite	6.1	16
stable minerals	3.1	8
others	0.4	1
Total	100	261

AK-N13-1	Proportion [%]	Quantity
garnet	9.6	26
pyroxene	36.2	98
epidote-group	39.5	107
amphibole	2.6	7
apatite	2.6	7
stable minerals	4.1	11
others	5.5	15
Total	100	271

AK-N37	Proportion [%]	Quantity
garnet	29.5	78
pyroxene	45.5	120
epidote-group	5.7	15
amphibole	6.8	18
apatite	4.9	13
stable minerals	5.7	15
others	1.9	5
Total	100	264