

Appendix 8 Result of X-ray Diffraction Analysis

No.	Drillhole	Depth(m)	Rock name	Ga	Cpx	Hb	Pl	Kf	Qz	Chl	Ep	Ms	Bt	Se	Sm	Kln	HI	Mix	Cal	Bn	Mt	Remarks
1	MJKA-14	38.1	Dolomite						⊙					Δ		○			○			in marble
2	MJKA-15	109.0	Altered anorthosite or gabbro			Δ	○		⊙	Δ						○						near skarn zone
3	MJKA-16	105.0	Mt-Hb-Cal-Qz vein			⊙	○		○							·						skarn-marble contact
4	MJKA-16	117.3	Qz-Cal rock (Brecciated, silicified limestone?)				·		⊙		⊙			·		·			·			near skarn zone
5	MJKA-16	150.4	argillized granodiorite porphyry				○		⊙					·		·			·			near fault shear zone
6	MJKA-17	71.1	Cpx skarn (Gabbro?)		⊙		○		○	Δ	Δ					⊙			Δ			near skarn zone
7	MJKA-17	90.3	Cpx skarn (Lamprophyre?)				⊙		○							○						in granodiorite
8	MJKA-17	126.2	Granodiorite porphyry (altered)			·	○		⊙					Δ		○						

No.	Sample no.	Rock name	Ga	Cpx	Hb	Pl	Kf	Qz	Chl	Ep	Ms	Bt	Se	Sm	Kln	HI	Mix	Cal	Bn	Mt	Remarks	
1	1930C6-44.4R	Diorite		○		⊙	·		○			○	⊙									
2	1930C6-71CL	Skarnized limestone					○	○					·					⊙				
3	1930C6-79F	Ga skarn			○		Δ	Δ										Δ				
4	1930C6-131.5FLa	Ga skarn	○	Δ	○	○												○	⊙		Cp	
5	No.5 ore body	SCM in silicified carbonate skarn	Δ		⊙																·	green Cu ore

⊙ : abundant, ○ : common, Δ : poor, · : rare

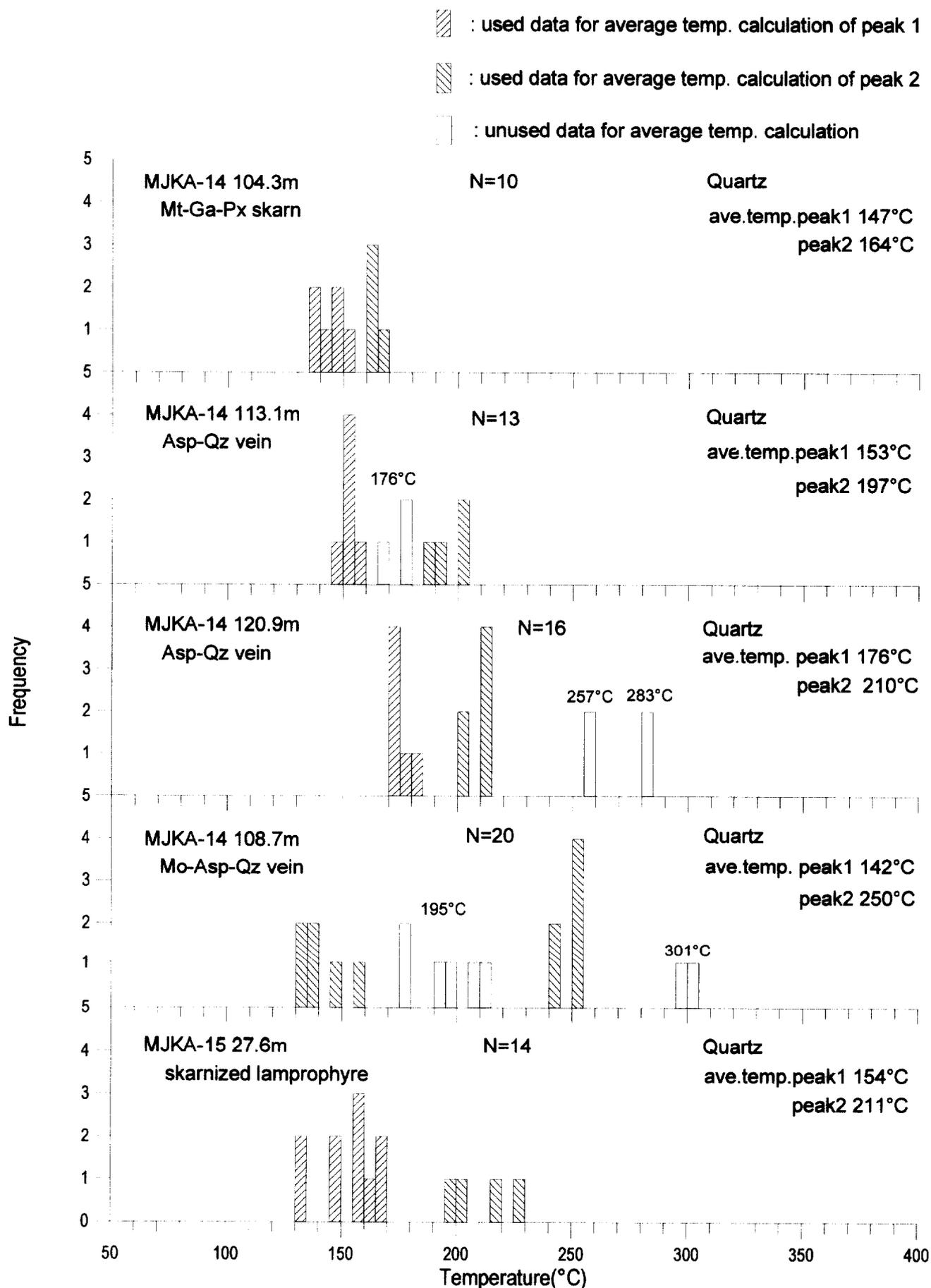
Bn: Biotite
Bt: Biotite
Cal: Calcite
Ch: Chlorite

Cpx: Clinopyroxene
Ep: Epidote
Ga: Garnet
Hb: Hornblende

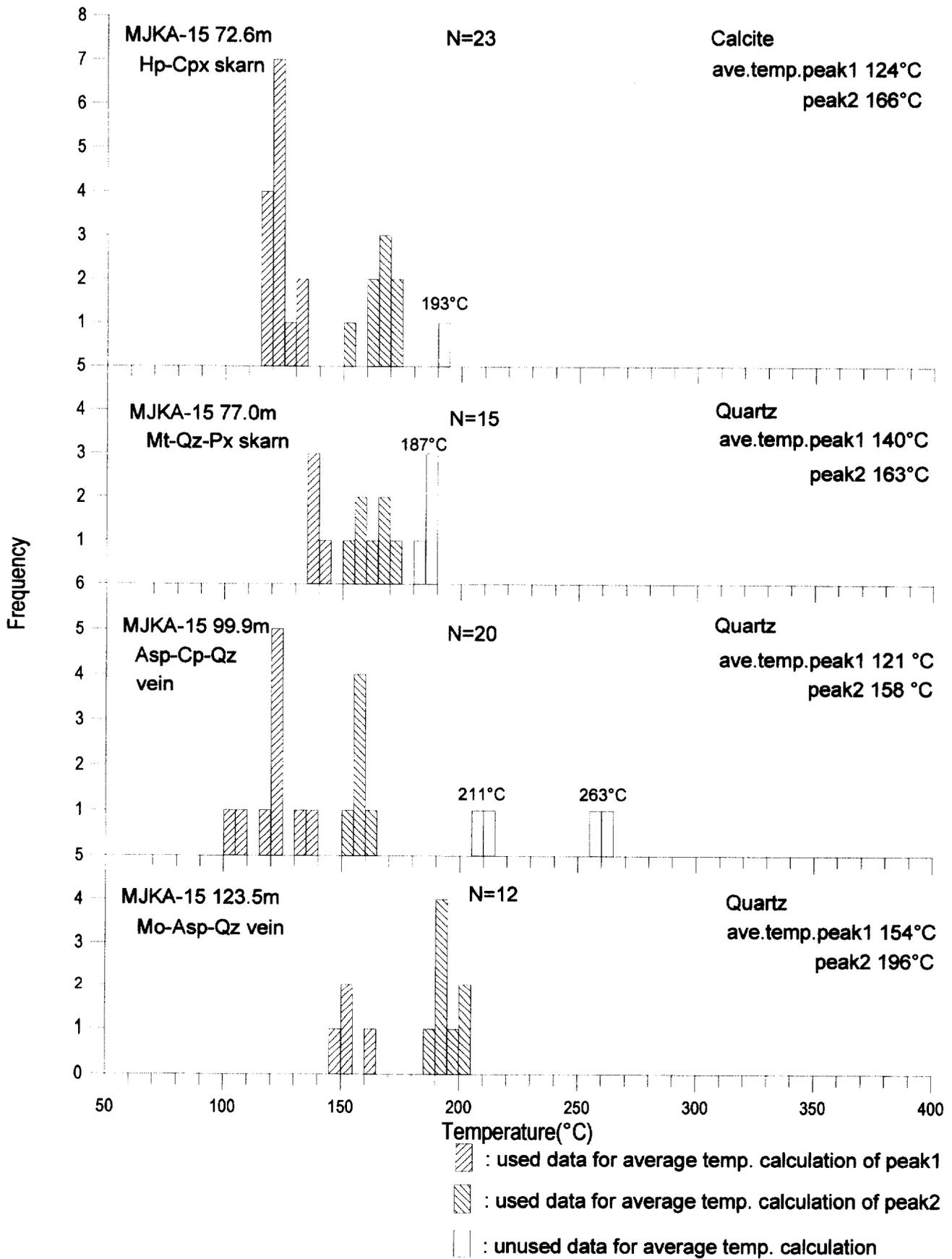
HI: Hallovite
Kf: K-feldspar
Kln: Kaolinite
Mt: Magnetite

Mix: Mixed layer
Ms: Muscovite
Mt: Magnetite
Pl: Plagioclase

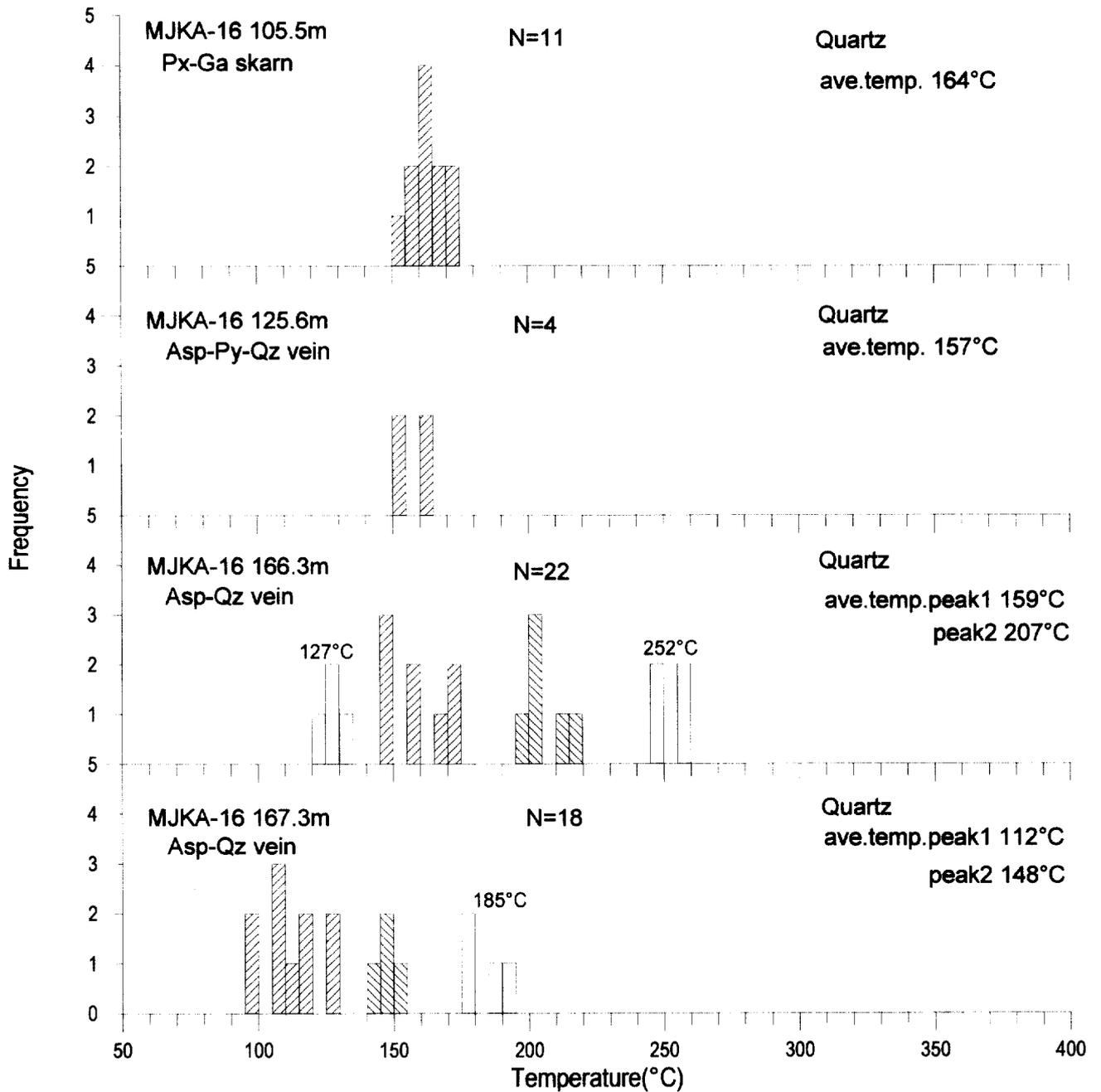
Qz: Quartz
Se: Sarcite
Sm: Smectite



Appendix 10 Histogram of Homogenization Temperature (1)

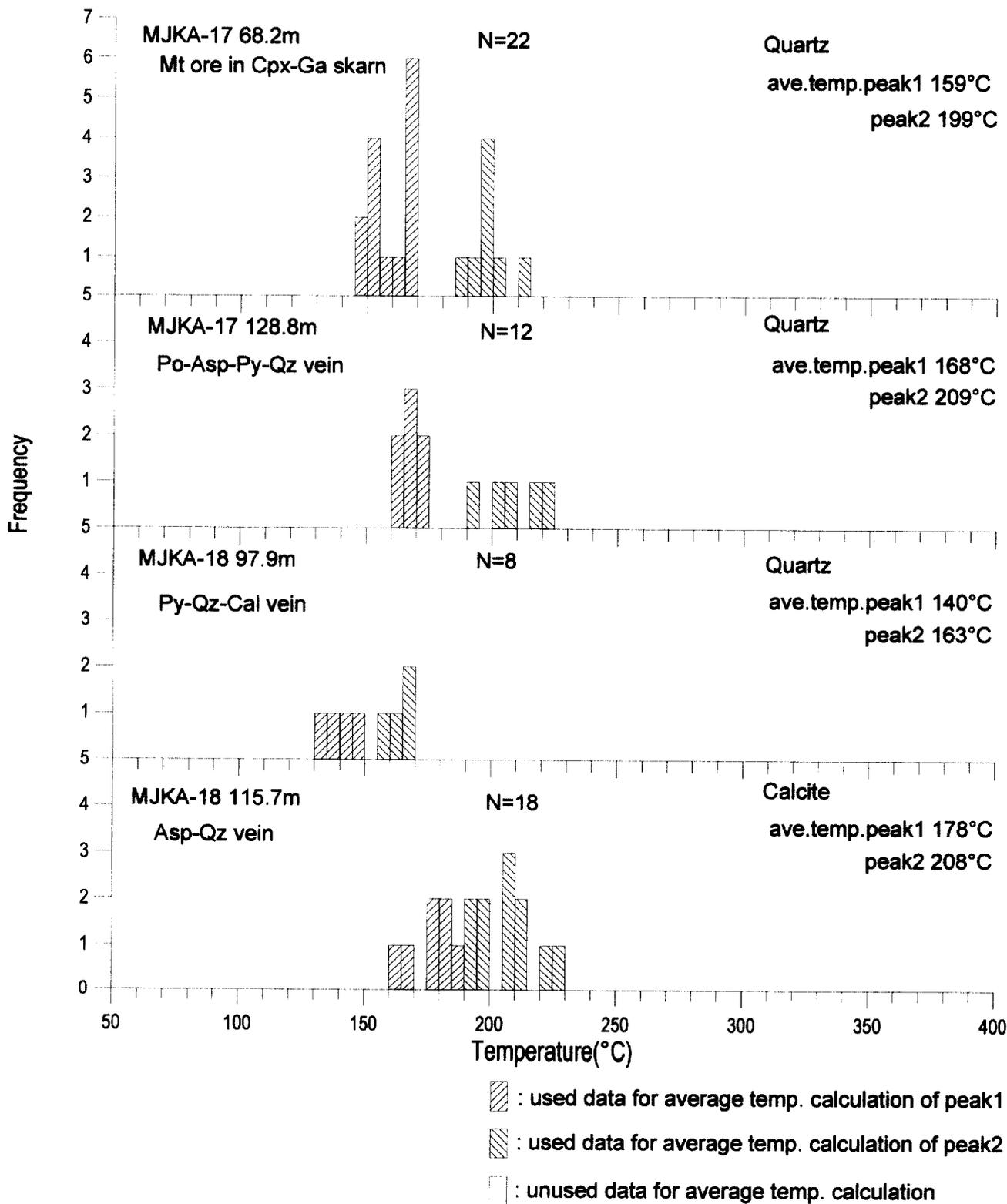


Appendix 10 Histogram of Homogenization Temperature (2)



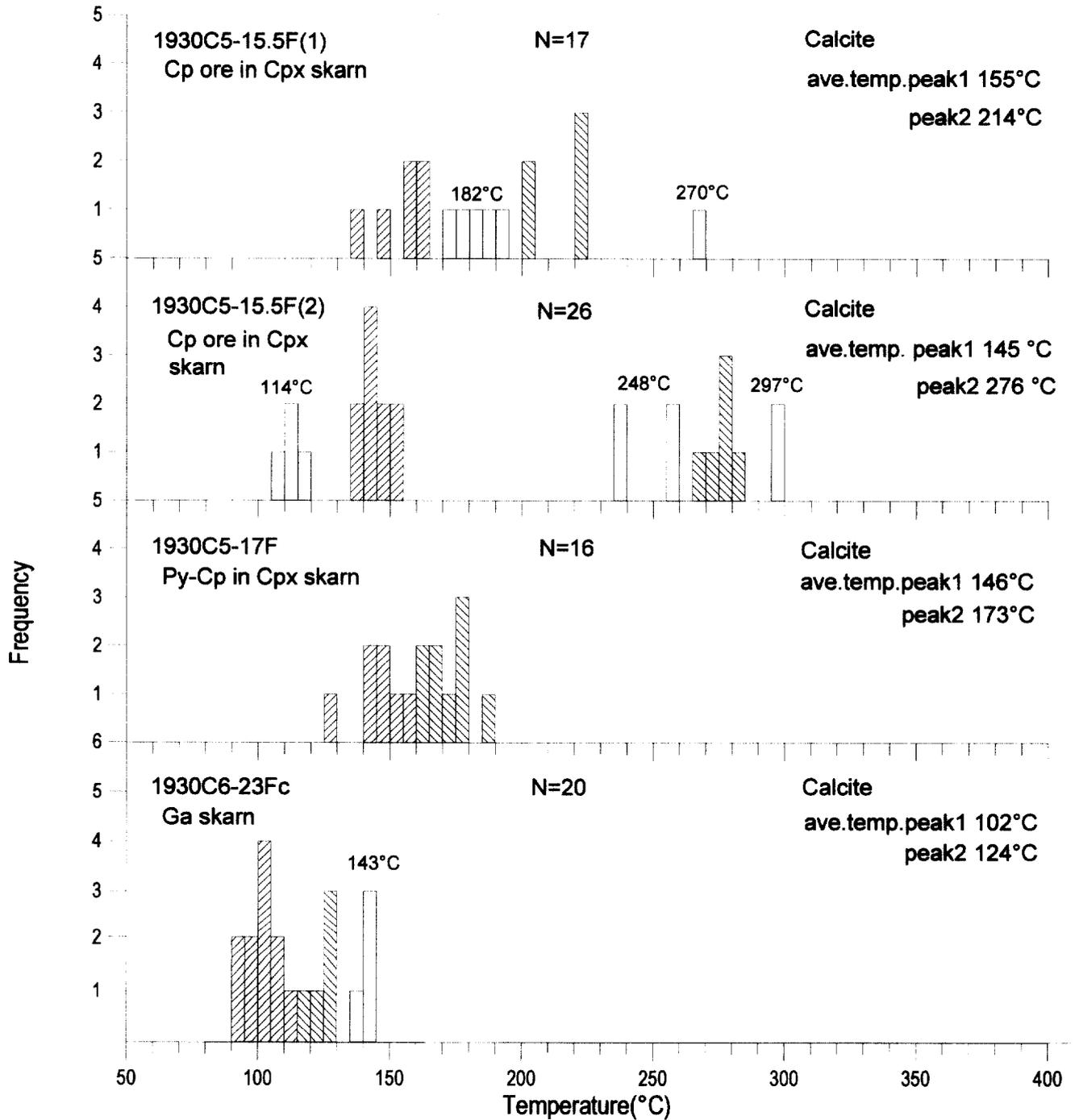
 : used data for average temp. calculation of peak1
 : used data for average temp. calculation of peak2
 : unused data for average temp. calculation

Appendix 10 Histogram of Homogenization Temperature (3)

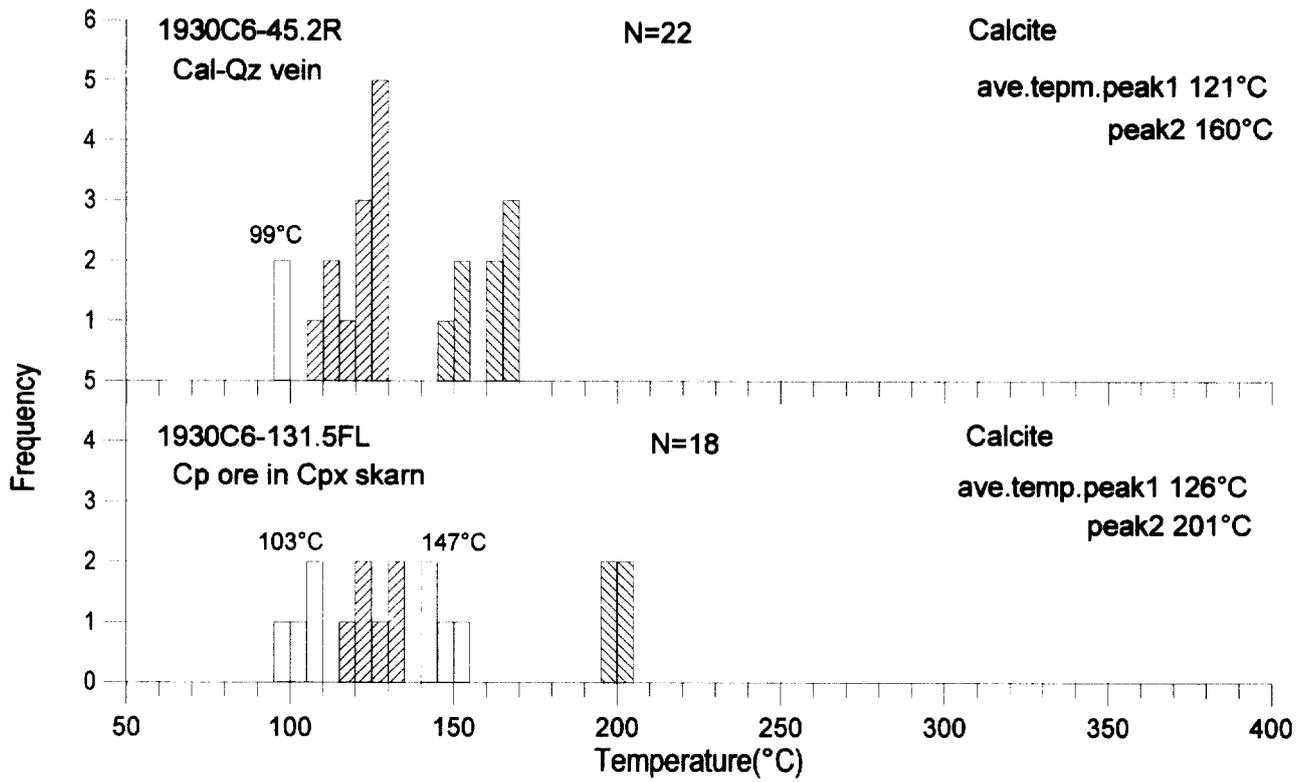


Appendix 10 Histogram of Homogenization Temperature (4)

-  : used data for average temp. calculation of peak 1
-  : used data for average temp. calculation of peak 2
-  : unused data for average temp. calculation



Appendix 10 Histogram of Homogenization Temperature (5)



- ▨ : used data for average temp. calculation of peak1
- ▩ : used data for average temp. calculation of peak2
- : unused data for average temp. calculation

Appendix 10 Histogram of Homogenization Temperature (6)