

Abbreviations Used in This Book	Chapter and page in which it first appears	Meaning of such abbreviations
An, an	Chapter 3, p. 46	Anorthite, anorthite
Di, di	Ch3, p 46	Dopside, diopside
Hy, hy	Ch 3, p 46	Hypersthene, hypersthene
Ol, ol	Ch 3, p 46	Olivine, olivine
G	Ch 3, p 52	Gibbs energy
G _{ol}	Ch 3, p 52	Gibbs energy of olivine
μ	Ch 3, p 52	Chemical potential
μ_{fo}	Ch 3, p 52	Chemical potential of forsterite
X	Ch 3, p 52	Mole fraction
H, T, S, C _p , R	Ch 3, p 53	Explained in text
Fa, fa	Ch 3, p 57	Fayalite, fayalite
Fo, fo	Ch 3, p 57	Forsterite, forsterite
T _p	Ch 3, p 69	Incongruent melting point, peritectic temperature
<i>E</i>	Ch 3, p 69	Eutectic point
<i>M</i>	Ch 3, p 72	Minimum
<i>T_{max}</i>	Ch 3, p 68	Thermal maximum
Pl, pl	Ch 4, p 84	Plagioclase
ss	Ch 4, p 84	Solid solution
Pig, pig	Ch 4, p 87	pigeonite
Oen, oen	Ch 4, p 87	orthoenstatite
Pen, pen	Ch 4, p 87	protoenstatite
REn, En, en	Ch 3, p 76	enstatite
cr	Ch 4, p 87	cristobalite
tr	Ch 4, p 87	tridymite
Dol	Ch 4, p 94	dolomite
Mag	Ch 4, p 94	magnesite
Cal	Ch 4, p 95	calcite
Cpx, cpx	Ch 7, p 154	clinopyroxene
Opx, opx		orthopyroxene
Gar, gar, gt	Ch 5, p 107	garnet
GPa	Ch 5, p 110	Gigapascal
Ne	Ch 6, p 120	nepheline
Sp	Ch 3, p 92	spinel
MORB	Ch 8, p 163	Mid-ocean ridge basalt
N-MORB	Ch 8, p. 163	Normal MORB
E-MORB	Ch 8, p. 163	Enriched MORB
MOR	Ch 8, p. 163	Mid-Oceanic Ridge
MAR	Ch 8, p 165	Mid-Atlantic Ridge
EPR	Ch 8, p. 165	East Pacific Rise
LLD	Ch 8, p 165	Liquid line of descent
MELT experiment	Ch 8, p 172	Mantle ELectromagnetic and seismic Tomography experiment
GPB	Ch 9, p 196	Giant Plagioclase Basalt

PUM	Ch 9, p 197	Primitive Upper Mantle
LIP	Ch 9, p 189	Large Igneous Province
CRBG	Ch 9, p 201	Columbia River Basalt Group
Hbl	Ch 10, p 215	Hornblende
Aug	Ch 10, p 215	Augite
Bi, Bio	Ch 10, p 215	Biotite
San	Ch 10, p 215	Sanidine
Qz	Ch 10, p. 215	Quartz
Tmgt	Ch 10, p 215	Titanomagnetite
LILE	Ch 10, p 215	Light ion lithophile elements
SNB	Ch 10, p 232	Sierra Nevada Batholith
LVC	Ch 10, p 236	Long Valley Caldera
Mus	Ch 11, p 241	Muscovite
Amp	Ch 11, p 241	Amphibole
Or	Ch 11, p 241	Orthoclase
Kfs	Ch 11, p 241	K-feldspar
Sch	Ch 11, p 241	schist
Rut	Ch 11, p 259	Rutile
Phl	Ch 11, p 259	Phlogopite
Coes	Ch 11, p 259	Coesite
AMCG	Ch 12, p 264	Anorthosite- Mangerite – Charnockite - Granitoid