

K₂O + Na₂O

15

10

5

0

30

40

50

60

70

80

SiO₂

phonolite

foiidite

tephri-
phonolite

trachite

phono-
tephrite

trachy-
andesite

trachite

rhyolite

tephrite
basanite

basaltic
trachy-
andesite

trachy-
basalt

basaltic
andesite

andesite

dacite

picro-
basalt

basalt

TECTONIC.SETTING

SPREADING_CENTER

VOLCANIC_ARC

