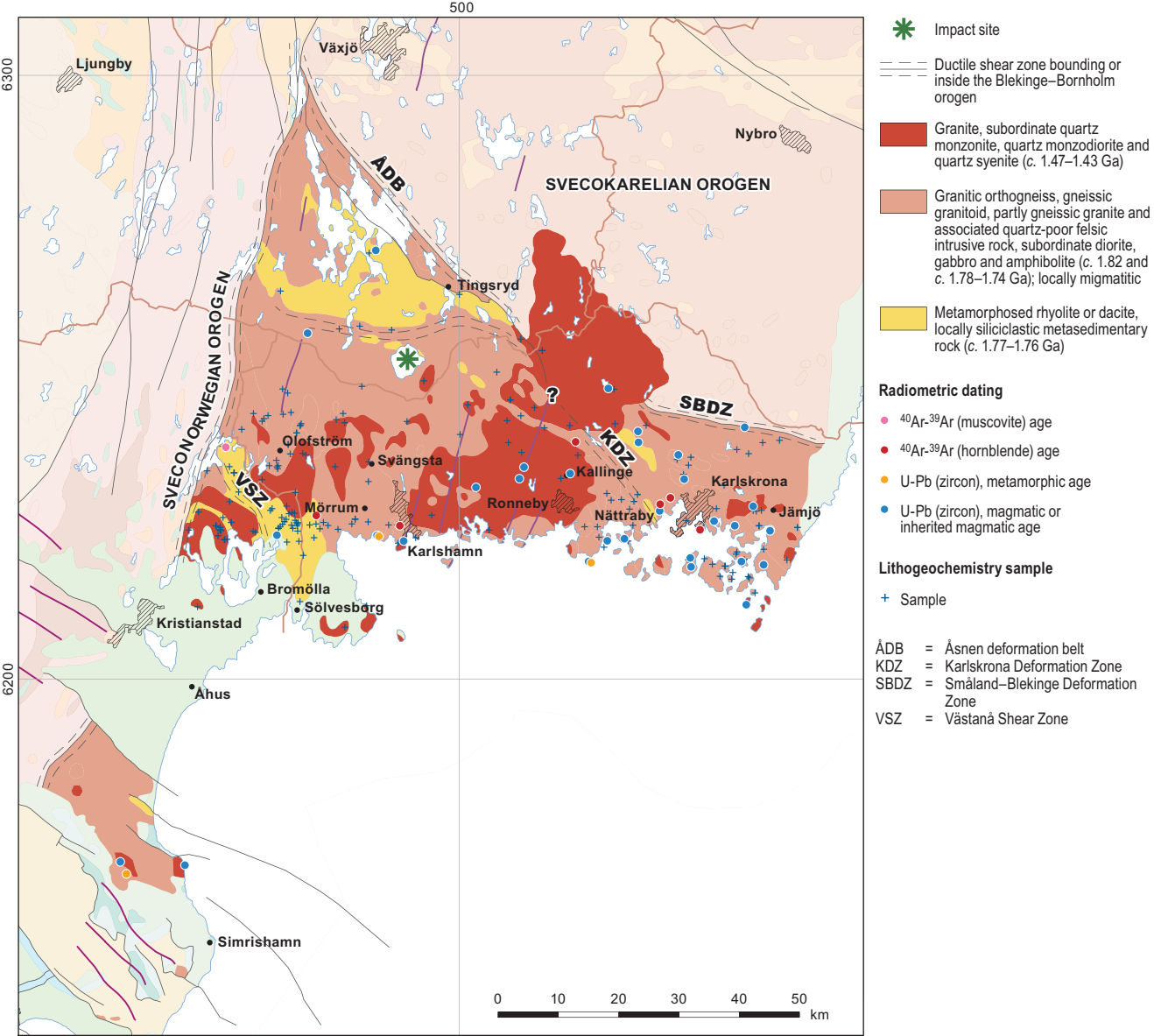
500
6300
6200
Ljungby
Växjö
Nybro
ÅDB
SVECOKARELIAN OROGEN
SVECONORWEGIAN OROGEN
Tingsryd
?
SBDZ
KDZ
Olofström
Svängsta
Kallinge
Karlskrona
VSZ
Mörrum
Ronneby
Nättraby
Jämjö
Karlshamn
Bromölla
Sölvesborg
Kristianstad
Åhus
Simrishamn
0
10
20
30
40
50
km
Impact site
Ductile shear zone bounding or inside the Blekinge–Bornholm orogen
Granite, subordinate quartz monzonite, quartz monzodiorite and quartz syenite (c. 1.47–1.43 Ga)
Granitic orthogneiss, gneissic granitoid, partly gneissic granite and associated quartz-poor felsic intrusive rock, subordinate diorite, gabbro and amphibolite (c. 1.82 and c. 1.78–1.74 Ga); locally migmatitic
Metamorphosed rhyolite or dacite, locally siliciclastic metasedimentary rock (c. 1.77–1.76 Ga)
Radiometric dating
40Ar-39Ar (muscovite) age
40Ar-39Ar (hornblende) age
U-Pb (zircon), metamorphic age
U-Pb (zircon), magmatic or inherited magmatic age
Lithogeochemistry sample
Sample
ÅDB = Åsnen deformation belt
KDZ = Karlskrona Deformation Zone
SBDZ = Småland–Blekinge Deformation Zone
VSZ = Västanå Shear Zone