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| **Sampling sites**  | **Code** | **Geologic eras** | **Underlying Geology** | **Group** | **Reference** |
| Salmon Arm | Md | Cenozoic/pre-fraser glaciation | **Morainal deposits:** till with minor and sand, gravel and silt, drumlinoid (Characterized by streamlined forms) |  | Fulton et al, 1974 |
| Mara | UTsp | Mesozoic/ Upper Triassic | Phyllite, argillite, quartzite; grey to balck; minor tuffaceous rocks | Slocan group | Okulitch, 2013 |
| Hullcar | UTNv | Mesozoic /Upper triassic | Breccia, tuff, flows, augite porphyriy | Nicola group | Okulitch, 2013 |
| uTSc | Mesozoic/Upper triassic | Limestone, calcareous, fine-crystalline, siltstone, calcareouos; shale interbeds | Slocan group | Okulitch, 2013 |
| Armstrong | UTsp | Mesozoic/ Upper Triassic | Phyllite, argillite, quartzite; grey to balck; minor tuffaceous rocks | Slocan group | Okulitch, 2013 |
| Vernon | MJmzd | Mesozoic/Middle Jurassic | **Wood lake pluton:** monzonite, biotite and/or hornblende, massive to weakly foliated, medium to coarse grained, equigranular, in part megacrystic; quartz-monzonite; diorite; quartz-diorite; granodiorite; granite |  | 166.4-158.8Ma, Glombic, 2005; Okulitch, 2013 |
| Ey | Cenozoic/Paleogene eocene | **Coryell syenite:** syenite, alkalic to calc-alkalic, pink and buff, quartz monzonite; porphyry, trachyte, feldspar, dykes; epizonal; feeder dykes to Marron Formation, Yellow Lake and Kitley Lake members |  | Ca.53-48Ma, Church, 2002; Glombick, 2005; Okulitch, 2013 |
| Kelowna | Eva | Cenozoic/Paleogene eocene | Lava, andesite, with quartz-filled amygdales: breccia, brown | Yellow Lake Member | Okulitch, 2013 |
|  | EWLv | Cenozoic/Paleogene eocene | Breccia, rhyolite; pyroclastic rocks; lahars; minor lava, trachyte and andesite; possibly associated with Marama Formation domes; in type locality: conglomerate, volcanic; sandstone; shale; lacustraine and subaerial | Angular unconformity/ white lake formation | Okulitch, 2013 |
| Penticton | EJgd | Mesozoic/Early Jurassic | **Bromley Batholith:** Granodiorite, hornblende, biotite, marginal diorite; quartz gabbro; garnet skarnPennask Batholith: granodiorite, biotite |  | Parrish and Monger 1992; Okulitch, 2013 |
| Ggn | Proterozoic to Cenozoic | **Okanagan gneiss:** orthogneiss, granodiorite, hornblende-biotite; grades to gneiss, mylonitic; mylonite; blastomylonite; minor gabbro, amphibolite, paragneiss |  | Okulitch, 2013 |
| ESC | Cenozoic/Paleogene eocene | Shingle creek porphyry: intrusive porphyry, quartz; Includes Coryell subvolcanic rhyolite porphyry |  | 52.4 Ma, Church, 2002; Glombick et al. 2004 |
| Keremeos | CTKs | Paleozoic and Mesozoic  | Quartize, massive; quartzite, micaceous, foliated; chert, recrystallized; limestone, crystalline; phyllite, argillaceous; minor schist, micaceous | Kobau Group | Okulitch, 2013 |
| CTKv | Paleozoic and Mesozoic | Phyllite, chloritic, actinolitic; greenstone; minor serpentinite; marble lenses | Kobau Group | Okulitch, 2013 |
| Oliver | Jqm-b | Mesozoic/Early and/or Middle Jurassic | Quartz monzonite, biotite, minor garnet, hornblende, foliated, syn-kinematic |  | Unit VI of Ryan, 1973 |
| Osoyoos | LTgd | Mesozoic/Triassic | **Osoyoos lake gneiss:** granodiorite, hornblende-biotite, gneissic |  | Ryan, 1973; Parkinson, 1985 |
| LJgd-m | Mesozoic/Jurassic | Granodiorite, hornblende, chloritized, sheared, fractured | Osoyoos granodiorite | Part of unit IX, Ryan 1973 |

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