



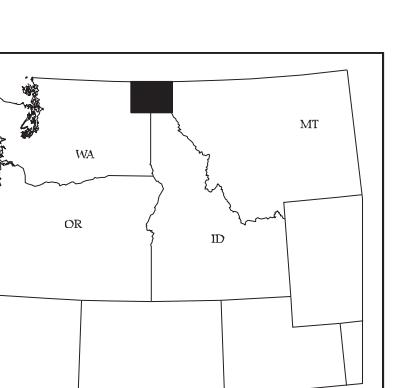
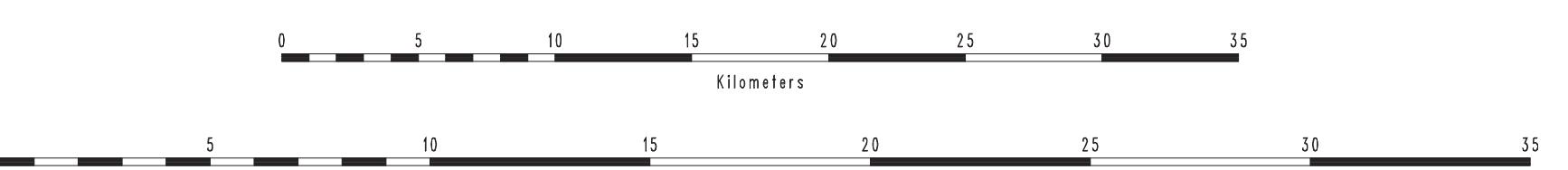
**Explanation**

Gag - Glacial and alluvial deposits (Quaternary)	Knc - Monzogranite of Narcisse Creek (Cretaceous)	Kpms - mixed granitic and metamorphic rocks of Soldier Creek	Ocm - Metatine Formation (Ordovician and Cambrian)	Ywr - Wallace Formation and Ravalli Group, undivided
Qls - Landslide deposits (Quaternary)	Kwm - White Mud Lake porphyritic body (Cretaceous)	Kpli - Mixed leucocratic granitic rocks of Lost Creek	Csu - Sedimentary rocks, undivided (Cambrian)	Yw - Wallace Formation
Gl - Glacial-lacustrine deposits (Quaternary)	Kgp - Galena Point Granodiorite (Cretaceous)	Kpei - Granitic rocks of Big Creek	Cr - Rannie Shale and Lakeview Limestone, undivided (Middle Cambrian)	Ye - Empire Formation
GTa - Consolidated alluvial and/or glacial deposits (Quaternary or Tertiary)	Klc - Granodiorite of Le Clerc Creek (Cretaceous)	Kphs - Monzogranite of Shorty Peak	Cgc - Gold Creek Quartzite (Middle? Cambrian)	Ravalli Group - consists of the following units:
Tcr - Columbia River Basalt Group (Miocene)	Kbc - Monzogranite porphyry of Bodie Canyon (Cretaceous)	Kpb - mixed two-mica rocks of Ball Creek	Maitlen Phyllite (Early Cambrian) - consists of the following units:	Yru - Undivided part
Tog - Conglomerate (Eocene)	Khm - Granodiorite of Hall Mountain (Cretaceous)	Kpfc - Granodiorite of Falls Creek	Cmp - Phyllite	Ysr - St. Regis Formation
Tcb - Chert breccia and cataclastic rocks associated with Newport Fault zone (Eocene)	Krc - Granodiorite of Reeder Creek (Cretaceous)	Kpsc - Tonalite of Snow Peak	Cmc - Carbonate rocks	Yr - Revett Formation
Tcc - Tectonic breccia of Cusick Creek	Kk - Granodiorite of Kelso Lake (Cretaceous)	Kpd - Mixed granitic and metamorphic rocks of Deep Creek	CZg - Quartzite (Cambrian and Late Proterozoic)	Ybk - Burke Formation
Ts - Sampson Volcanics (Eocene)	Starvation Flat Quartz Monzonite (Cretaceous) - consists of the following:	Koc - Monzogranite of Oter Creek (Cretaceous)	Zt - Three Sisters Formation	Ymi - Mafic intrusive rocks
Tot - Olivine trachybasalt flows (Eocene)	Kah - Hornblende-biotite monzogranite and granodiorite	Klgs - Leucocratic granitic rocks of Scotia (Cretaceous)	Zm - Monk Formation	Yp - Prichard Formation
To - O'Brien Creek Formation (Eocene)	Kaha - Arden pluton	Ksv - Granodiorite of Spring Valley (Cretaceous)	Zl - Leola Volcanics	Ypm - Mafic-metasedimentary part of the Prichard Formation (Middle Proterozoic)
Thd - Hypabyssal dikes (Eocene)	Kgs - Granitic rocks of Spirit pluton (Cretaceous)	Kbr - Monzogranite of Blanchard Road (Cretaceous)	Huckleberry Formation - consists of the following two members:	Ynl - Newman Lake Gneiss (Middle Proterozoic?)
Tsp - Silver Point Quartz Monzonite (Eocene)	Kco - Granodiorite of Copeland (Cretaceous)	Klm - Monzogranite of Long Mountain (Cretaceous)	Zhg - Greenstone member	Ylg - Gneiss of Lacleda (Middle Proterozoic)
Tam - Quartz monzonodiorite of Ahern Meadows (Eocene)	Kyl - Granodiorite of Yecum Lake (Cretaceous)	Kag - Granitic rocks of Algoma (Cretaceous)	Zhc - Conglomerate member	sgg - Schist, gneiss, and leucocratic granitic rocks (age unknown)
Tll - Quartz monzonite of Loon Lake (Eocene)	Kru - Granodiorite of Ruby Creek (Cretaceous)	Kag - Granodiorite of Sawyer (Cretaceous)	Shedroil Conglomerate (Late Proterozoic) - consists of the following four members:	contact; dashed and queried where uncertain
Tw - Granodiorite of Wrenco (Eocene)	Kcu - Granitic rocks of Cabinet Mountains, undivided (Cretaceous)	Klj - Granitic rocks of Jewel Lake (Cretaceous)	Zsc - Conglomerate member	fault; unknown offset; dashed where approximately located, dotted where concealed
Ttp - Quartz monzonite of Trapper Peak (Eocene)	Kam - Granodiorite porphyry of Packaddle Mountain (Cretaceous)	Kmg - Muscovite-biotite monzogranite	Zap - Phyllite member	fault; unknown offset, uncertain
Tcs - Coryell plutonic rocks and Sheppard Granite, undivided (Eocene)	Kv - Granodiorite of Road V-78 (Cretaceous)	Kph - Monzogranite of Hunt Creek (Cretaceous)	Zel - Sandy limestone member	fault; unknown offset, concealed and uncertain
Ksm - Sophie Mountain Formation (Cretaceous)	KII - Fan Lake Granodiorite (Cretaceous)	Jcm - Tonalite and trondhjemite of Continental Mountain (Jurassic)	Zag - Greenstone member	fault; unknown offset, concealed and uncertain
Kmm - Monzogranite of Midnight Mine (Cretaceous)	Kc - Biotite monzogranite of Camden (Cretaceous)	Jlm - Quartz monzodiorite of Lane Mountain (Jurassic)	Zytu - Undivided part	normal fault; dashed where approximately located, dotted where concealed, decoration on downthrown side
Kbgm - Muscovite monzogranite of Blue Grouse Mountain (Cretaceous)	Kse - Granodiorite of Sema Meadows (Cretaceous)	M2P2I - Fault-zone rocks on Eagle Mountain (middle Mesozoic to late Paleozoic)	Ybf - Buffalo Hump Formation	Deer Trail Group (Middle Proterozoic) - consists of the following units:
Kir - Monzogranite of Little Roundtop (Cretaceous)	Kbu - Granodiorite of Bunchgrass Meadows (Cretaceous)	Rosland Group (Early Jurassic) - consists of the following two units:	Yb - Buffalo Hump Formation	Zrm - Mafic intrusive rocks in upper part of Bell Supergroup and Middle Proterozoic
Kg - Monzogranite of Granite Pass (Cretaceous)	Kcl - Tonalite of Clagstone (Cretaceous)	Jrg - Greenstone	Ys - Stensgar Dolomite	Deer Trail Group (Middle Proterozoic) - consists of the following units:
Km - Monzogranite of Middle Creek (Cretaceous)	Kgp - Granodiorite of Priest Lake (Cretaceous)	Jrs - Metasedimentary and metavolcanic rocks	Ym - McHale Slate	Ztr - Syenite of Wall Mountain (Jurassic or Triassic)
Kli - Leucocratic intrusive rocks (Cretaceous)	Kmc - Granodiorite of Mill Creek (Cretaceous)	JT8d - Monzogranite of Long Canyon (Jurassic or Triassic)	Ywd - Wabash Detroit Formation	Ytrw - Syenite of Wall Mountain (Jurassic or Triassic)
Kdc - Granodiorite of Dubius Creek (Cretaceous)	Kkp - Granodiorite of Kelly Pass (Cretaceous)	TRf - Flowey Trail Granodiorite (Triassic)	Ywcu - Wabash Detroit Formation and Chikamoke Creek Formation, undivided	Ytrw - Flowey Trail Granodiorite (Triassic)
Kb - Blcksndsrfr Quartz Monzonite (Cretaceous)	Ksl - Granodiorite of Salee Creek (Cretaceous)	TRs - Metasedimentary rocks (Triassic)	Yc - Chikamoke Creek Formation	TRs - Metasedimentary rocks (Triassic)
Kno - Granodiorite of Molibdenite Mountain (Cretaceous)	Kpl - Phillips Lake Granodiorite	Ps - Metasedimentary rocks (Permian)	Yt - Togo Formation	Yt - Togo Formation
Ktm - Two-mica monzogranite of Twentywells Creek (Cretaceous)	Kpto - Granodiorite of Trapper Creek	MCu - Carbonate and clastic sedimentary rocks, undivided (Mississippian to Cambrian)	MI - Limestone (Mississippian)	Belt Supergroup (Middle Proterozoic) - consists of the following units:
Knb - Two-mica monzogranite of North Basin (Cretaceous)	Kalm - mixed granitic and metamorphic rocks of Lookout Mountain	MDs - Dolomite and slate (Mississippian and Devonian)	Yl - Libby Formation	JT8d - Monzogranite of Long Canyon (Jurassic or Triassic)
Kbm - Monzogranite of Big Meadows (Cretaceous)	Kpgb - Garnet-bearing granodiorite	Dd - Dolomite and limestone (Devonian)	Ybmh - Bonner Formation, Mount Shields Formation, and argillite of Half Moon Lake, undivided	Ybmh - Bonner Formation, Mount Shields Formation, and argillite of Half Moon Lake, undivided
Kbf - Granodiorite of Bonners Ferry (Cretaceous)	Kpml - Biotite-rich granodiorite of Marsh Lake	Da - Metasedimentary rocks (Devonian)	Ybo - Bonner Formation	Ybo - Bonner Formation
Ktc - Monzogranite of Tango Creek (Cretaceous)	Kpsl - Granodiorite of Search Lake	Dv - Metavolcanic rocks (Devonian)	Yms - Mount Shields Formation	Yms - Mount Shields Formation
Khn - Monzogranite of Hungry Mountain (Cretaceous)	Kpm - Biotite-rich granodiorite of Gleason Mountain (Cretaceous)	Sc - Quartz-granule conglomerate (Silurian)	Yhm - Argillite of Half Moon Lake	Yhm - Argillite of Half Moon Lake
Kgn - Monzogranite of Gleason Mountain (Cretaceous)	Ksc - Monzogranite of Sand Creek (Cretaceous)	Sms - Metasedimentary rocks (Silurian)	Ysha - Shepard Formation and Snowship Formation, undivided	Ysha - Shepard Formation
Kkc - Monzogranite of Sand Creek (Cretaceous)	Kkpm - Monzogranite of Klootch Mountain	Ol - Ledbetter Formation (Ordovician)	Ysw - Shepard Formation, Snowship Formation, and Wallace Formation, undivided	Ysw - Shepard Formation
Klc - Monzogranite of Lightning Creek (Cretaceous)	Kph - Two-mica granitic rocks of Horton Creek	Ocg - Phyllite and quartzite of Gardiner Creek (Ordovician or Cambrian)	Yss - Snowship Formation	Yss - Snowship Formation
Kkw - Granodiorite of Whiskey Rock (Cretaceous)	Kpcb - Biotite-rich granodiorite of Cavanaugh Bay			
Krl - Granodiorite of Rapid Lightning Creek (Cretaceous)	Kpcp - mixed granitic rocks of Camels Prairie			

**Digital Geologic Map of the Sandpoint 1- by 2-degree quadrangle,  
Washington, Idaho and Montana**

by  
Fred K. Miller, Russell F. Burmester, David M. Miller, Robert E. Powell and Pamela D. Derkey  
1999

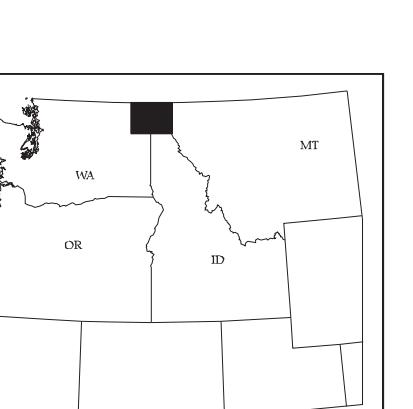
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Index map showing Sandpoint quadrangle

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