Sections of Mesozoic and Tertiary beds in Alaska and adjacent portions of British Columbia.

			Porcupine River (McConnell[a]).		Mission Creek, Yukon River (Spurr[b]).		Lower Tanana and Yukon River (Spurr and Brooks[c]).		Lower Koyukuk and Yukon River (Schrader[d]).		North shore of Bristol Bay (Spurr[e]).		Kenai Peninsula (Dall and Meidenhall[f]).		Skwentna River (Spurr[g]).		Copper River Basin (Schrader and Spencer[h]).		General section, southeastern Alaska (Dall[i]).		Atlin Lake, British Columbia (J. C. Gwillam[j]).		Queen Charlotte Islands, British Columbia (Richardson and Dawson[k]).	
			Formation	Lithologic character.	Formation.	Lithologic character.	Formation.	Lithologic character.	Formation.	Lithologic character.	Formation.	Lithologic character.	Formation.	Lithologic character.	Formation.	Lithologic character.	Formation.	Lithologic character.	Formation.	Lithologic character.	Formation.	Lithologic character.	Formation.	Lithologic character.
Tertiary.	Neocene.	Miocene or Pliocene.	Unconformity.	Sand, clay, gravel, and some lignite.	Twelve-mile beds. Unconformity.	Cross-bedded gravels and sands, with seams of lignite.	Palisade conglomerate. Unconformity.	Cross-bedded gravels and sands, fossil plants, probably Miocene or Pliocene.							Tyonek and Hayes River beds. Unconformity(?).	Clay and sand, brown lignite seams.	Tertiary volcanics. Unconformity.	Volcanic rocks, tufas, and lavas.						Gray feldspathic sandstone, with Miocene or Pliocene fossils, lignite seams.
		Miocene.							Nulato sandstone, 200 feet +.	Brown sandstone, some lignitic matter, and igneous rocks.	Nushagak beds. Miocene fossils. Unconformity	Coarse sands, arkoses, and clays, partly consolidated.							Astoria group (?) beds.	Brown Miocene sandstones, marine shells.			Tertiary, probably chiefly of Kenai age and some Miocene. Unconformity.	Sandstones and shales, with many extrusives, tuffs, etc., some lignitic beds.
	Eocene.				Kenai, 10,000 feet +. Unconformity.	Sandy argillaceous limestone and carbonaceous shale, with lignite seams; greenish sandstone, limestone, and coarse grit; massive conglomerate; Eocene fossil plants.	Kenai. Unconformity.	Greenish sandstone, clay shales, and seams of lignite, coarse conglomerate.	Kenai (?).	Conglomerate sandstones and grits, partly consolidated.			Kenai.	Sandstones, shales, and conglomerate; lower part contains lignite seams.	Yentna, probably Kenai. Unconformity.	Coarse conglomerate, lignite seams, and some igneous rocks.			Unga beds. Kenai. Unconformity.	Conglomerate sand layers, fossil leaves. Bluish sandstone and shales, conglomerate with lignite seams.					
Mesozoic.	Cretaceous.	Upper Cretaceous.		Sandsone and quartzite, several thousand feet thick, dark shales.					Upper Cretaceous.	Impure limestone, Upper Cretaceous fossils.													Upper shale and sandstone. Conglomerate.	Brown and black arenaceous, calcareous shales, and sandstone, 1,500 feet. Conglomerate, gray and yellow sandstone, 2,000 feet.
		Lower Cretaceous, possibly in part Jurassic.	Queen Charlotte Islands. Unconformity.	Alternating shales, sandstones, and conglomerate.	Mission Creek, 1,000 feet +. Unconformity.	Arenaceous limestone and Lower Cretaceous fossils. Compact granite slate. Black carbonaceous slate and coal seams. Fine sandstone and carbonaceous slate. Coarse gray sandstone and carbonaceous shale, coarse conglomerate.	Nilkoka beds, Cretaceous (?). Unconformity.	Red and green slates and sandstone. Fine conglomerate and sandstone.	Lower Cretaceous. Unconformity.	Impure limestones, tuffs, and igneous rocks. Cretaceous fossils.	Oklune series, probably Lower Cretaceous.	Impure limestones, shales, conglomerate arkoses, and igneous rocks.	Matanuska series, cut by igneous rocks. Unconformity.	Fine conglomerate and lignitic seams. Limestone, 300 ft. +, Lower Cretaceous fossils. Green shales. Conglomerate 1,000 feet +.	Tordrilla series. Cretaceous (?). Unconformity.	Black shale, often carbonaceous, arkose, impure limestone, and intrusives.	Kennicott. Unconformity.	Green sandstones. Black shale and impure limestones. Conglomerate and sandstone.			Three beds are Cretaceous or Jurassic. Unconformity.	Greenish sandstone and some conglomerate. Lower beds contain more conglomerate. Cretaceous or Jurassic fossils.	Queen Charlotte Islands.	Lower shales and sandstone. Coal. Unconformity. Agglomerate. Lower sandstone. Unconformity.	Black and gray shales, gray and yellow sandstone, and arenaceous sandstone, 5,000 feet. Coal seams. Tuffs and tuffaceous sandstone; green, gray, brown, and purple sandstone and agglomerate and effusive rocks, 3,500 feet. Tuffaceous sandstone and some calcareous layers, 1,000 feet.
			Paleozoic limestone and dolomite.		Carboniferous limestone and older metamorphic rocks.		Metamorphic schists, Paleozoic or older.		Paleozoic quartzites, black shales, and impure limestones.				Metamorphic schists, probably Jurassic or Triassic.		Ancient and altered volcanic tuffs, carbonaceous chert, and arkose, probably Jurassic.		Shales and limestones, Triassic, Jurassic, or Paleozoic.				Mesozoic or Paleozoic igneous rocks.		Flaggy argillites, sometimes calcareous, of Triassic age.	

[a] Exploration in the Yukon and Mackenzie basins: Geol. Nat. Hist. Survey Canada, new series, Vol. IV, pp. 21 D and 127 D.
[b] Geology of the Yukon gold district: Eighteenth Ann. Rept. U. S. Geol. Survey, Pt. III, pp. 175 and 184. Exploration in the Yukon and Mackenzie basins: Geol. Nat. Hist. Survey Canada, new series, Vol. IV, p. 21 D.
[c] Geology of the Yukon gold district: Eighteenth Ann. Rept. U. S. Geol. Survey, Pt. III, pp. 188, 189, 199, and 200. Reconnaissance in the Tanana and White river basins: Twentieth Ann. Rept. U. S. Geol. Survey, Pt. VII, p. 472.
[d] A reconnaissance along Chandlar and Koyukuk rivers: Twenty-first Ann. Rept. U. S. Geol. Survey, Pt. II, p. 474.
[e] A reconnaissance in southwestern Alaska: Twentieth Ann. Rept. U. S. Geol. Survey, Pt. VII, pp. 172 and 174.
[f] Coal and lignites of Alaska: Seventeenth Ann. Rept. U. S. Geol. Survey, Pt. II, p. 788. Reconnaissance from Resurrection Bay to the Tanana: Twentieth Ann. Rept. U. S. Geol. Survey, Pt. VII, pp. 317 and 325.
[g] A reconnaissance in southwestern Alaska: Twentieth Ann. Rept. U. S. Geol. Survey, Pt. VII, pp. 153 and 172.
[h] Geology and Mineral Resources of a Portion of the Copper River District; a pamphlet published in 1901 by the U. S. Geological Survey, under authority of a resolution of Congress.
[i] Correlation papers—Neocene: Bull. U. S. Geol. Survey No. 84, pp. 233 to 237.
[j] Summary Report Geol. Nat. Hist. Survey Canada, 1901, p. 51.
[k] Geol. Nat. Hist. Survey Canada, 1872 and 1873, pp. 1-100. Geol. Nat. Hist. Survey Canada, 1878 and 1879, pp. 1 B to 103 B.

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