

STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES

ALASKA GEOLOGIC LEXICON REFERENCE DATA

Compiled by
J.A. LEVORSEN

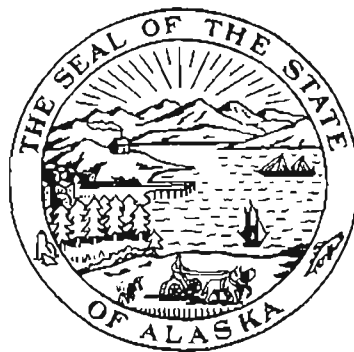


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Division of Oil and Gas



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STATE OF ALASKA
William A. Egan, Governor

DEPARTMENT OF NATURAL RESOURCES
Charles F. Herbert, Commissioner

DIVISION OF GEOLOGICAL AND GEOPHYSICAL SURVEYS
Donald C. Hartman, State Geologist

FOREWORD

Geologists studying Alaskan stratigraphy are faced with increasing difficulty in trying to keep abreast of current usage of stratigraphic names in the literature. Hopefully this index of lexicon reference data will prove helpful as a readily available listing of nomenclature currently in use. It should be of value between infrequent publication of geologic lexicons, as well as being the only listing of exclusively Alaskan names that also contains reference data.

The index provides an alphabetical listing of known stratigraphic names used in Alaska, annotated as to whether the names have been abandoned or rejected, or adopted for use by the U. S. Geological Survey. The system or series to which the unit is assigned is given, as is the area in Alaska in which the name is applied. Additionally, a reference (listed at the end) is given to the lexicon entry, or to the entry in the annual "Changes in Stratigraphic Nomenclature" of the USGS, which cites the latest reference that affects usage of the name or the system/series assignment. Those names not appearing in these comprehensive publications have the appropriate reference cited.

Although the names listed have all appeared in generally available geologic literature, they have not necessarily been formally defined in accordance with the Code of the American Commission on Stratigraphic Nomenclature. The index is intended as a reference aid for Alaskan stratigraphers, and not as an arbiter of stratigraphic nomenclature.

The data file from which this index is printed can be maintained current with relative ease, and we plan to update the index on an annual basis. The main problem will be the capture of pertinent data from the diverse geologic literature. The compiler will appreciate corrections or additions being brought to his attention, and most especially, suggestions for improvement.

The computer programming involved was a project of the compiler. The computer time required was made available through the courtesy of the Division of Oil and Gas.

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NOTES:

1. ALASKAN STRATIGRAPHIC NAMES AND DATA AS TAKEN FROM THE U.S.G.S. LEXICONS FOR 1936-1967.
2. ADDITIONAL NAMES FROM LITERATURE AVAILABLE TO THE COMPILER, AND UNPUBLISHED SOURCES.
3. LOCATION FOR NAMES NOT IN THE LEXICONS IS MERELY LISTED AS ALASKA; COMPILER HAS NOT ANTICIPATED LEXICON AREA CLASSIFICATION.
4. ABANDONED OR U.S.G.S. REJECTED NAMES INDICATED BY +.
5. U.S.G.S. ADOPTED NAMES INDICATED BY *.
6. PLEASE SEND CORRECTIONS AND ADDITIONS TO THE COMPILER AT: (TEL. 279-1433),
ALASKA DIVISION OF OIL AND GAS, 3001 PERCUPINE DRIVE, ANCHORAGE, ALASKA 99501.

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*ADAMS ARGILLITE	3	LOWER CAMBRIAN	EAST-CENTRAL ALASKA
*ADMIRALTY ISLAND VOLCANICS	3	ECCENE/OLIGOCENE	SOUTHEASTERN ALASKA
AGATTU BEDS	2	TERTIARY/CRETACEOUS	SOUTHWESTERN ALASKA
*AHTELL DIORITE	1+2	CARBONIFEROUS	SOUTHEASTERN ALASKA
*AKALURA GLACIATION AKALURA DRIFT	11	PLEISTOCENE	ALASKA
*ALAPAH LIMESTONE IN LISBURN GROUP	2	UPPER MISSISSIPPIAN	NORTHERN ALASKA
*ALAPAH MOUNTAIN GLACIATION	6	RECENT	NORTHERN ALASKA
*ALASKAN GLACIATION	2	RECENT	ALASKA
ALATNA GLACIATION	3	PLEISTOCENE	NORTHERN ALASKA
ALEUTS MEMBER OF KIALAGVIK FORMATION	2	LOWER JURASSIC	SOUTHWESTERN ALASKA
*AMBLER GLACIATION	3	PLEISTOCENE	NORTHWESTERN ALASKA
*AMCHITKA FORMATION	10	LOWER TERTIARY	SOUTHWESTERN ALASKA
AMERICAN CREEK GRANITE	3	MESOZOIC	WEST-CENTRAL ALASKA
AMPHITHEATRE BASALT	3	TRIASSIC	SOUTHEASTERN ALASKA
AMY DOME METADIORITE, METAPERIDOTITE, METABASALT	3	MIDDLE DEVONIAN	EAST-CENTRAL ALASKA
*ANAKTUVUK GROUP	1+2	LOWER CRETACEOUS	NORTHERN ALASKA
*ANAKTUVUK RIVER GLACIATION	2	PLEISTOCENE	CENTRAL NORTHERN ALASKA
*ANAYAKNAURAK STAGE ANAYAKNAURAK SUBSTAGE, TILL, DRIFT	3	PLEISTOCENE	NORTHERN ALASKA
*ANDREW BAY VOLCANICS	2	TERTIARY	SOUTHWESTERN ALASKA
*ANDREW LAKE FORMATION	11	ECCENE	SOUTHWESTERN ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*ANIVIK LAKE STAGE ANIVIK LAKE SUBSTAGE, DRIFT	3	RECENT	NORTHERN ALASKA
*ANTLER VALLEY STAGE ANTLER VALLEY SUBSTAGE, DRIFT	3	PLEISTOCENE	NORTHERN ALASKA
*ARCH POINT BASALT	2	QUATERNARY	ALASKA
*ARKOSE RIDGE FORMATION	2	CRETACEOUS	SOUTH-CENTRAL ALASKA
*ASHESHIK BASALT	2	CENOZOIC	SOUTHWESTERN ALASKA
ASSES EARS GRANITE	3	MESOZOIC	WEST-CENTRAL ALASKA
*AYIYAK MEMBER OF SEABEE FORMATION	2	UPPER CRETACEOUS	NORTHERN ALASKA
*BAIRD GROUP	12	PRE-MISSISSIPPIAN	NORTHERN ALASKA
*BANDED MOUNTAIN STAGE BANDED MOUNTAIN SUBSTAGE, DRIFT	3	PLEISTOCENE	NORTHERN ALASKA
*BANJO POINT FORMATION	10	Eocene/OLIGOCENE	SOUTHWESTERN ALASKA
*BARLOW COVE FORMATION	2	TRIASSIC/PERMIAN	SOUTHEASTERN ALASKA
*BARROW TRAIL MEMBER OF SCHRADER BLUFF FORMATION	2	UPPER CRETACEOUS	NORTHERN ALASKA
*BASIN CREEK MEMBER OF KATALLA FORMATION	2	OLIGOCENE	SOUTHEASTERN ALASKA
*BAY OF PILLARS FORMATION	3	UPPER SILURIAN	SOUTHEASTERN ALASKA
BEAR LAKE FORMATION	3	MIOCENE	SOUTHWESTERN ALASKA
BEAVER BAY GROUP	3	LOWER TERTIARY	SOUTHERN ALASKA
BELKOFSKI FORMATION	20	TERTIARY	SOUTHWESTERN ALASKA
*BELKOFSKI TUFF	2	UPPER TERTIARY	SOUTHWESTERN ALASKA
BELUGA FORMATION IN KENAI GROUP	16	TERTIARY	ALASKA
*BERGMAN GROUP	1+2	CRETACEOUS	NORTHWESTERN ALASKA
*BERNERS FORMATION	1+2	JURASSIC/PALEOZOIC	SOUTHEASTERN ALASKA
*BETTLES GROUP OR SERIES	1+2	SILURIAN	NORTHERN ALASKA
BIDARKA FORMATION	2	LOWER JURASSIC	SOUTHWESTERN ALASKA
*BIEDERMAN ARGILLITE IN KANDIK GROUP	10	LOWER CRETACEOUS	EAST-CENTRAL ALASKA
*BIRCH CREEK SCHIST	9	PALEOZOIC/PRECAMBRIAN	EASTERN & SOUTH-CENTRAL ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
BISHOP POINT VOLCANIC MUDFLOW	3	RECENT	ALASKA
*BITTER CREEK FORMATION	1+2	JURASSIC/TRIASSIC	CANADA & SOUTHEAST ALASKA
*BLACK CAP LIMESTONE	3	MIDDLE DEVONIAN	SOUTHEASTERN ALASKA
*BLACK HILLS GLACIATION	3	PLEISTOCENE	EAST-CENTRAL ALASKA
*BLACK POINT BASALT	2	QUATERNARY	SOUTHWESTERN ALASKA
BLACK RAPIDS DRIFT	3	RECENT	ALASKA
BOKAN MOUNTAIN GRANITE	5	JURASSIC/TRIASSIC	ALASKA
*BOOTLEGGER COVE CLAY	2	PLEISTOCENE	ALASKA
BOULDER CREEK QUARTZ MONZONITE, GRANODIORITE	3	MESOZOIC	ALASKA
*BOUNDARY GRANODIORITE IN COAST RANGE INTRUSIVES	1+2	JURASSIC/CRETACEOUS	SOUTHEASTERN ALASKA
*BOWSER FORMATION IN TUXEDNI GROUP BOWSER MEMBER OF TUXEDNI FORMATION	4	JURASSIC	CENTRAL SOUTHERN ALASKA
BRINE CREEK FORMATION	2	CRETACEOUS	NORTHERN ALASKA
BRISTOL BAY SILTS AND GRAVELS	1+2	PLEISTOCENE	SOUTHERN ALASKA
*BROOKS LAKE GLACIATION	2	PLEISTOCENE	SOUTHWESTERN ALASKA
BROOKS RANGE GLACIATION	3	NOT GIVEN	NORTHERN ALASKA
*BROTHERS VOLCANICS IN STEPHENS PASSAGE GROUP	3	JURASSIC/CRETACEOUS	SOUTHEASTERN ALASKA
*BROWNE GLACIATION	2	PLEISTOCENE	CENTRAL SOUTHERN ALASKA
*BULDER VOLCANICS	2	QUATERNARY	SOUTHWESTERN ALASKA
*BURLS CREEK SHALE MEMBER OF KATALLA FORMATION	8	OLIGOCENE	SOUTHEASTERN ALASKA
*BURNT ISLAND CONGLOMERATE IN HYD GROUP	3	UPPER TRIASSIC	SOUTHEASTERN ALASKA
*CALICO BLUFF FORMATION	1+2	UPPER MISSISSIPPIAN	CENTRAL EASTERN ALASKA
*CALIFORNIA CREEK MEMBER OF TOTATLANIKA SCHIST	9	MISSISSIPPIAN	ALASKA
*CAMILLE LAVA FLOW	3	PLEISTOCENE	ALASKA
*CANNERY FORMATION	3	LOWER PERMIAN	SOUTHEASTERN ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
+CAPE BEAUFORD COAL MEASURES	1+2	CRETACEOUS	ALASKA
*CAPE THOMPSON MEMBER OF NASORAK FORMATION	3	LOWER MISSISSIPPIAN	NORTHWESTERN ALASKA
*CARIBOU HILLS GLACIATION	2	PLEISTOCENE	CENTRAL SOUTHERN ALASKA
*CASADEPAGA SCHIST	1+2	PRE-MISSISSIPPIAN	NORTHWESTERN ALASKA
*CATHEDRAL VALLEY AGGLOMERATE	2	UPPER TERTIARY	SOUTHWESTERN ALASKA
*CEDAR BAY GRANITE	1+2	MESOZOIC	SOUTHEASTERN ALASKA
*CEDAR COVE FORMATION	3	DEVONIAN	SOUTHEASTERN ALASKA
*CENOTAPH VOLCANICS	8	OLIGOCENE/MIOCENE	SOUTH-CENTRAL ALASKA
CHAGVAN GLACIATION CHAGVAN DRIFT	3	PLEISTOCENE	SOUTHWESTERN ALASKA
*CHAMBERLIN GLACIATION	3	PLEISTOCENE	ALASKA
*CHANDLER FORMATION IN NANUSHUK GROUP	2	CRETACEOUS	NORTHERN ALASKA
*CHARIOT GRAVEL	3	PLEISTOCENE	NORTHWESTERN ALASKA
CHEBANIK STADE	3	PLEISTOCENE	NORTHERN ALASKA
*CHICKALOON FORMATION	7	PALEOCENE	CENTRAL SOUTHERN ALASKA
*CHIGNIK FORMATION	1+2	UPPER CRETACEOUS	SOUTHWESTERN ALASKA
*CHINITNA SHALE, SILTSTONE, OR FM. CHINITNA SH. MBR. OF SHELKOF FM.	8	UPPER JURASSIC	SOUTHWESTERN ALASKA
*CHIRIKOF FORMATION	12	TERTIARY	SOUTHWESTERN ALASKA
*CHISIK CONGLOMERATE MBR OF NAKNEK FM *CHISIK MBR OF NAKNEK FM	1+2	UPPER JURASSIC	CENTRAL SOUTHERN ALASKA
*CHISNA FORMATION	1+2	CARBONIFEROUS	SOUTHEASTERN ALASKA
*CHITISTONE LIMESTONE	1+2	UPPER TRIASSIC	EASTERN ALASKA
*CHITITU FORMATION	10	UPPER CRETACEOUS	SOUTHERN ALASKA
*CHITKA POINT FORMATION	10	MIOCENE	SOUTHWESTERN ALASKA
CHUITNA MEMBER OF TYONEK FORMATION	15	TERTIARY	ALASKA
*CHUNIKSAK FORMATION	12	MIOCENE	SOUTHWESTERN ALASKA
*CHUTE CREEK MEMBER OF TGTATLANIKA SCHIST	5	MISSISSIPPIAN	ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*CIRCLE VOLCANICS	11	UPPER PALEOZOIC	EAST-CENTRAL ALASKA
*CLAMGULCHIAN STAGE	9	MIOCENE/PLIOCENE	SOUTH-CENTRAL ALASKA
CLARA CREEK GLACIATION CLARA CREEK DRIFT	3	PLEISTOCENE	SOUTHWESTERN ALASKA
*CLARK PEAK SCHIST	1+2	TRIASSIC/PALEOZOIC	SOUTHEASTERN ALASKA
CLEAR CREEK DRIFT	3	RECENT	ALASKA
CLEARY CREEK SERPENTINITE	3	MIDDLE DEVONIAN	EAST-CENTRAL ALASKA
COAL VALLEY MEMBER OF CHIGNIK FORMATION	3	UPPER CRETACEOUS	SOUTHWESTERN ALASKA
COAST RANGE DIORITE	1+2	NOT GIVEN	ALASKA
*COAST RANGE INTRUSIVES	1+2	JURASSIC/CRETACEOUS	CANADA & SOUTHEAST ALASKA
*COLVILLE GROUP COLVILLE SERIES	1+2	UPPER CRETACEOUS	NORTHERN ALASKA
COOK INLET GRAVELS	1+2	PLEISTOCENE	CENTRAL SOUTHERN ALASKA
COPPER MOUNTAIN GREENSTONE OR AMPHIBOLITE SCHIST	1+2	NOT GIVEN	SOUTHEASTERN ALASKA
COPPER RIVER SILTS AND GRAVELS	1+2	PLEISTOCENE	SOUTHEASTERN ALASKA
*CORNWALLIS LIMESTONE IN HYD GROUP	3	UPPER TRIASSIC	SOUTHEASTERN ALASKA
*CORONADOS VOLCANICS	11	MIDDLE DEVONIAN	SOUTHEASTERN ALASKA
*CORWIN FORMATION IN NANUSHUK GROUP	1+2	CRETACEOUS	NORTHWESTERN ALASKA
*CRATER CREEK BASALT	2	QUATERNARY	SOUTHWESTERN ALASKA
*CYNTHIA FALLS SS. IN TUXEDNI GROUP CYNTHIA FALLS SS. MBR., TUXEDNI FM	4	MIDDLE JURASSIC	CENTRAL SOUTHERN ALASKA
*DADINA SCHIST	1+2	MISSISSIPPIAN	SOUTHEASTERN ALASKA
*DARLING CREEK GLACIATION	2	PLEISTOCENE	EAST-CENTRAL ALASKA
*DELTA GLACIATION	2	PLEISTOCENE	EAST-CENTRAL ALASKA
*DENALI GLACIATION	3	QUATERNARY	CENTRAL ALASKA
*DESCON FORMATION	11	SILURIAN/ORDOVICIAN	SOUTHEASTERN ALASKA
*DONNELLY GLACIATION	2	PLEISTOCENE	EAST-CENTRAL ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*DOUBLE POINT DACITE	2	QUATERNARY	SOUTHWESTERN ALASKA
*DOUGLAS ISLAND VOLCANIC GROUP	1+2	JURASSIC/CRETACEOUS	SOUTHEASTERN ALASKA
DOUGLAS ISLAND VOLCANICS IN STEPHENS PASSAGE GROUP	3	JURASSIC/CRETACEOUS	SOUTHEASTERN ALASKA
*DRY CREEK GLACIATION	2	PLEISTOCENE	CENTRAL SOUTHERN ALASKA
*DUSHKIN BASALT	2	QUATERNARY	SOUTHWESTERN ALASKA
*EAST CAPE VOLCANICS	2	QUATERNARY	SOUTHWESTERN ALASKA
*EAST POINT FORMATION	2	QUATERNARY	SOUTHWESTERN ALASKA
*ECHOOKA MEMBER OF SADLEROKHIT FORMATION	11	UPPER PERMIAN	NORTHERN ALASKA
*ECHOOKA RIVER GLACIATION	11	PLEISTOCENE	NORTHERN ALASKA
*EDGE CUMBE VOLCANICS	3	QUATERNARY	SOUTHEASTERN ALASKA
*EIDER POINT BASALT	3	QUATERNARY	ALASKA
EIGHT LAKE GLACIATION EIGHT LAKE DRIFT	3	PLEISTOCENE	NORTHERN ALASKA
*EKLUTNA GLACIATION	2	PLEISTOCENE	ALASKA
*ELI LIMESTONE IN BAIRD GROUP	3	UPPER DEVONIAN	NORTHWESTERN ALASKA
*ENDICOTT GROUP	3	MISSISSIPPIAN/DEVONIAN	NORTHWESTERN ALASKA
*ENUCHKIN FORMATION	1+2	JURASSIC	SOUTHWESTERN ALASKA
*ESCH CREEK GLACIATION	3	RECENT	WESTERN ALASKA
*ESHAMY GRANITE	1+2	MESOZOIC	SOUTHEASTERN ALASKA
*ESKA CONGLOMERATE	1+2	MIOCENE	CENTRAL SOUTHERN ALASKA
*ESTER ASH BED	2	PLEISTOCENE	EAST-CENTRAL ALASKA
*ESTHER GRANITE	1+2	PALEOZOIC	SOUTHEASTERN ALASKA
*FAIRPANKS LOESS	7	PLEISTOCENE	CENTRAL EASTERN ALASKA
*FANETO FORMATION	12	QUATERNARY/UPPER TERTIARY	SOUTHWESTERN ALASKA
*FAN MOUNTAIN GLACIATION	2	RECENT	NORTHERN ALASKA
*FAREWELL GLACIATION	2	PLEISTOCENE	CENTRAL SOUTHERN ALASKA
*FICKETT SERIES	1+2	PALEOZOIC	NORTHERN CENTRAL ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*FINGER BAY VOLCANICS	11	LOWER TERTIARY	SOUTHWESTERN ALASKA
*FITZ CREEK SILTSTONE IN TUXEDNI GROUP	3	MIDDLE JURASSIC	SOUTHEASTERN ALASKA
*FLAXMAN FORMATION	1+2	PLEISTOCENE	NORTHERN ALASKA
*FORD LAKE SHALE	10	MISSISSIPPIAN/DEVONIAN	EAST-CENTRAL ALASKA
FOREST CREEK FORMATION	3	PLEISTOCENE	SOUTHEASTERN ALASKA
*FORTRESS MOUNTAIN FORMATION	2	LOWER CRETACEOUS	NORTHERN ALASKA
FORTY MILE GRANITE	1+2	PRECAMBRIAN	EASTERN ALASKA
+FORTY MILE GROUP OR SERIES	1+2	PALEOZOIC/PRECAMBRIAN	CENTRAL EASTERN ALASKA
*FOSSIL CREEK VOLCANICS	1+2	MIDDLE ORDOVICIAN	NORTHEASTERN ALASKA
FOX HILL FLOW	3	RECENT	ALASKA
*FREDERIKA FORMATION	11	MIOCENE	ALASKA
*FRESHWATER BAY FORMATION	3	UPPER DEVONIAN	SOUTHEASTERN ALASKA
*FROSTY PEAK VOLCANICS	3	PLEISTOCENE	ALASKA
*FUNNEL CREEK LIMESTONE	3	LOWER CAMBRIAN	EAST-CENTRAL ALASKA
*GAIKEMA SANDSTONE IN TUXEDNI GROUP (SS MBR OF KIALAGVIK/TUXEDNI FMS.)	4	MIDDLE JURASSIC	CENTRAL SOUTHERN ALASKA
GAKONA DIORITE	3	MESOZOIC	ALASKA
*GAKONA FORMATION	1+2	EOCENE	SOUTHEASTERN ALASKA
*GAMBIER BAY FORMATION	3	MIDDLE DEVONIAN	SOUTHEASTERN ALASKA
*GASTINEAU VOLCANIC GROUP	1+2	UPPER TRIASSIC	SOUTHEASTERN ALASKA
*GEMUK GROUP	2	MESOZOIC/UPPER PALEOZOIC	SOUTHWESTERN ALASKA
*GETMUNA RHYOLITE GROUP	2	TERTIARY	SOUTHWESTERN ALASKA
*GHOST ROCKS FORMATION	9	PALEOCENE/EOCENE	SOUTHERN ALASKA
GLACIER BAY TILL OR FORMATION	3	RECENT	SOUTHEASTERN ALASKA
GLACIER RIDGE AGGLOMERATE	2	QUATERNARY	SOUTHWESTERN ALASKA
GLACIER RIDGE ANDESITE	2	QUATERNARY	SOUTHWESTERN ALASKA
*GLENN SHALE	10	MESOZOIC	EAST-CENTRAL ALASKA
*GOLDEN HORN LIMESTONE LENTIL OF HASEN CREEK FM IN SKOLAI GRP	11	LOWER PERMIAN	ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*GOON DIP GREENSTONE	3	TRIASSIC/PERMIAN	SOUTHEASTERN ALASKA
*GOSLING VOLCANICS	3	PLEISTOCENE	ALASKA
*GRANDSTAND FORMATION IN NANUSHUK GROUP	2	LOWER CRETACEOUS	NORTHERN ALASKA
*GRUBSTAKE FORMATION	10	MIOCENE	ALASKA
*GUBIK FORMATION GUBIK SAND	1+2	PLEISTOCENE	NORTHERN ALASKA
*GUNNERS COVE FORMATION	10	Eocene/OLIGOCENE	SOUTHWESTERN ALASKA
*GYPSUM CREEK QUARTZ MONZONITE	3	TERTIARY/UPPER PALEOZOIC	SOUTHEASTERN ALASKA
*HALLECK FORMATION	3	LOWER PERMIAN	SOUTHEASTERN ALASKA
*HAMILTON ISLAND LIMESTONE IN HYD GROUP	3	UPPER TRIASSIC	SOUTHEASTERN ALASKA
*HASEN CREEK FORMATION IN SKOLAI GROUP	11	LOWER PERMIAN	ALASKA
+HATBOX TONGUE OF CHANDLER FORMATION	1+2	LOWER CRETACEOUS	NORTHERN ALASKA
HAYES RIVER BEDS	1+2	TERTIARY	SOUTHERN ALASKA
*HAZELTON GROUP	1+2	JURASSIC	CANADA & SOUTHEAST ALASKA
HAZLETON GROUP CORRECTLY SPELLED HAZELTON	1+2	JURASSIC	CANADA & SOUTHEAST ALASKA
*HEALY CREEK FORMATION	10	OLIGOCENE/MIOCENE	ALASKA
*HEALY GLACIATION	2	PLEISTOCENE	CENTRAL SOUTHERN ALASKA
*HECETA LIMESTONE	11	SILURIAN	SOUTHEASTERN ALASKA
HELPMEJACK STAGE	3	PLEISTOCENE	NORTHERN ALASKA
HEMLOCK CONGLOMERATE IN KENAI GROUP	16	TERTIARY	ALASKA
*HERENDEEN LIMESTONE	1+2	LOWER CRETACEOUS	SOUTHWESTERN ALASKA
*HILLARD LIMESTONE	3	ORDOVICIAN/CAMBRIAN	EAST-CENTRAL ALASKA
+HOLIKMUK SERIES	1+2	UPPER CRETACEOUS	SOUTHERN ALASKA
*HOLLITA GROUP	2	DEVONIAN/ORDOVICIAN	SOUTHWESTERN ALASKA
*HULOKUK BASALT	2	TERTIARY	SOUTHWESTERN ALASKA
*HOMERIAN STAGE	9	MIOCENE/PLIOCENE	SOUTH-CENTRAL ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*HOOD BAY FORMATION	3	DEVONIAN	SOUTHEASTERN ALASKA
HOODOO FORMATION	3	UPPER CRETACEOUS	SOUTHWESTERN ALASKA
*HORN MOUNTAIN TUFF MEMBER OF TALKEETNA FORMATION	3	LOWER JURASSIC	SOUTHERN ALASKA
*HOUND ISLAND VOLCANICS IN HYD GROUP	3	UPPER TRIASSIC	SOUTHEASTERN ALASKA
*HUNT FORK SHALE IN ENDICOTT GROUP	3	UPPER DEVONIAN	NORTHERN ALASKA
*HURRAH SLATE	11	PRECAMBRIAN	NORTHWESTERN ALASKA
*HYD FORMATION OR GROUP	3	UPPER TRIASSIC	SOUTHEASTERN ALASKA
*HYDER QUARTZ MONZONITE	1+2	JURASSIC/CRETACEOUS	SOUTHEASTERN ALASKA
+IOAK BASALT	2	CENOZOIC	SOUTHWESTERN ALASKA
*IDITAROD BASALT	2	CRETACEOUS	SOUTHWESTERN ALASKA
*IGNEK FORMATION	1+2	CRETACEOUS	NORTHERN ALASKA
*ILYIRAK GRAVEL	3	CENOZOIC	NORTHWESTERN ALASKA
*IMURUK VOLCANICS	12	QUATERNARY/UPPER TERTIARY	ALASKA
INIAKUK STADE	3	PLEISTOCENE	NORTHERN ALASKA
*IRON CREEK GLACIATION	2	PLEISTOCENE	WEST-CENTRAL ALASKA
*ITKILLIK GLACIATION	2	PLEISTOCENE	CENTRAL NORTHERN ALASKA
ITKILYARIAK FORMATION IN ENDICOTT GROUP	17	MISSISSIPPIAN	ALASKA
*IVISHAK MEMBER OF SADLEROGHIY FORMATION	3	LOWER TRIASSIC	NORTHERN ALASKA
*IYOUKEEN FORMATION	3	MISSISSIPPIAN	SOUTHEASTERN ALASKA
JACK LIMESTONE	3	TRIASSIC	SOUTH-CENTRAL ALASKA
JACKSINA FORMATION	1+2	PRE-PERMIAN	SOUTHEASTERN ALASKA
JARVIS ASH BED	3	RECENT	EASTERN ALASKA
*JATAHMUND LAKE GLACIATION	3	PLEISTOCENE	EAST-CENTRAL ALASKA
*JOHNSTON HILL GLACIATION	2	PLEISTOCENE	SOUTHWESTERN ALASKA
*JONES RIDGE LIMESTONE	11	ORDOVICIAN/CAMBRIAN	CANADA & EAST-CENTRAL ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*JUALIN DIORITE	1+2	LOWER CRETACEOUS	SOUTHEASTERN ALASKA
*KAGUYAK FORMATION	2	UPPER CRETACEOUS	CENTRAL SOUTHERN ALASKA
KAGUYAK FORMATION	2	UPPER CRETACEOUS	SOUTHERN ALASKA
*KALTAG FORMATION IN SHAKTOLIK GROUP	1+2	LOWER CRETACEOUS	CENTRAL WESTERN & CENTRAL ALASKA
*KAMISHAK FORMATION KAMISHAK CHERT	1+2	UPPER TRIASSIC	CENTRAL SOUTHERN ALASKA
*KANAYUT CONGLOMERATE IN ENDICOTT GROUP	10	UPPER DEVONIAN	NORTHERN ALASKA
*KANDIK GROUP KANDIK FORMATION	10	LOWER CRETACEOUS	EAST-CENTRAL ALASKA
KANEKTOK SILTS AND GRAVELS	1+2	PLEISTOCENE	CENTRAL SOUTHERN ALASKA
*KANUTI GROUP	1+2	PALEOZOIC	NORTHERN CENTRAL ALASKA
KAREN CREEK SANDSTONE	14	UPPER TRIASSIC	ALASKA
*KARHEEN FORMATION	11	DEVONIAN/SILURIAN	SOUTHEASTERN ALASKA
*KARLUK GLACIATION KARLUK DRIFT	11	PLEISTOCENE	ALASKA
*KASAAN GREENSTONE	1+2	LOWER CRETACEOUS	SOUTHEASTERN ALASKA
*KATAK GLACIATION	3	RECENT	ALASKA
*KATAKTURUK DOLOMITE	11	PRE-MISSISSIPPIAN	NORTHEASTERN ALASKA
*KATALLA FORMATION	1+2	OLIGOCENE/MIOCENE	SOUTHEASTERN ALASKA
*KATHUL GRAYWACKE IN KANDIK GROUP	10	LOWER CRETACEOUS	EAST-CENTRAL ALASKA
*KATLIAN GROUP	3	TRIASSIC/PERMIAN	SOUTHEASTERN ALASKA
*KATMAI SERIES	1+2	JURASSIC	CENTRAL SOUTHERN ALASKA
*KAYAK SHALE IN ENDICOTT GROUP	10	LOWER MISSISSIPPIAN	NORTHERN ALASKA
*KEENAN QUARTZITE IN KANDIK GROUP	10	LOWER CRETACEOUS	EAST-CENTRAL ALASKA
*KEEVY PEAK FORMATION	5	PALEOZOIC/PRECAMBRIAN	ALASKA
*KEKIKTUK CONGLOMERATE IN ENDICOTT GROUP	11	MISSISSIPPIAN	NORTHEASTERN ALASKA
*KEKU VOLCANICS	3	UPPER TRIASSIC	SOUTHEASTERN ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*KELP BAY GROUP	3	JURASSIC/TRIASSIC	SOUTHEASTERN ALASKA
KEMIK SANDSTONE MEMBER OF OKPIKRUAK FORMATION	13	LOWER CRETACEOUS	ALASKA
KEMUK GLACIATION KEMUK DRIFT	3	PLEISTOCENE	SOUTHWESTERN ALASKA
*KENAI FORMATION	7	TERTIARY	CENTRAL SOUTHERN ALASKA
KENAI GROUP	16	TERTIARY	CENTRAL SOUTHERN ALASKA
*KENNEL CREEK LIMESTONE	3	MIDDLE DEVONIAN	SOUTHEASTERN ALASKA
*KENNICOTT FORMATION	10	LOWER CRETACEOUS	SOUTHERN ALASKA
*KIALAGVIK FORMATION	1+2	MIDDLE JURASSIC	SOUTHWESTERN ALASKA
*KICLUAIK GROUP	11	PRECAMBRIAN	NORTHWESTERN ALASKA
*KILLEY STADE	3	PLEISTOCENE	SOUTHERN ALASKA
*KILLIK TONGUE OF CHANDLER FORMATION	2	LOWER CRETACEOUS	NORTHERN ALASKA
*KINGAK SHALE	1+2	JURASSIC	NORTHEASTERN ALASKA
*KISIMILOK FORMATION	3	LOWER CRETACEOUS	NORTHWESTERN ALASKA
*KISKA HARBOR FORMATION	3	QUATERNARY/UPPER TERTIARY	SOUTHERN ALASKA
*KLAWAK FORMATION	11	PENNSYLVANIAN	SOUTHEASTERN ALASKA
*KLUTINA GROUP	1+2	PRE-PERMIAN	SOUTHEASTERN ALASKA
*KNIK GLACIATION	2	PLEISTOCENE	ALASKA
*KOBUK GLACIATION	3	PLEISTOCENE	NORTHWESTERN ALASKA
*KODIAK FORMATION	9	CRETACEOUS	SOUTHERN ALASKA
*KOGOSUKRUK TONGUE OF PRINCE CREEK FORMATION	2	UPPER CRETACEOUS	NORTHERN ALASKA
*KOGRUK FORMATION IN LISBURNE GROUP	3	MISSISSIPPIAN	NORTHERN ALASKA
*KOLMAKOF SERIES	1+2	TERTIARY/UPPER PALEOZOIC	SOUTHERN ALASKA
KOLOSH MEMBER OF KIALAGVIK FORMATION	2	LOWER JURASSIC	SOUTHWESTERN ALASKA
*KOOTZNAHON FORMATION	3	TERTIARY	SOUTHEASTERN ALASKA
*KOTLO SERIES	1+2	PRE-MISSISSIPPIAN	SOUTHEASTERN ALASKA
*KOTSINA CONGLOMERATE	7	JURASSIC	CENTRAL SOUTHERN ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*KUGAROK GRAVEL	3	CENOZOIC	ALASKA
*KUGAROK GROUP	1+2	DEVONIAN/ORDOVICIAN	NORTHWESTERN ALASKA
*KOWAK CLAY	1+2	PLEISTOCENE	NORTHWESTERN ALASKA
KOYUKUK GLACIATION	3	PLEISTOCENE	NORTHERN ALASKA
*KOYUKUK GROUP	1+2	LOWER CRETACEOUS	NORTH-CENTRAL ALASKA
*KRUGLOI FORMATION	12	TERTIARY/MESOZOIC	SOUTHWESTERN ALASKA
*KUGRUK GROUP	1+2	DEVONIAN/ORDOVICIAN	NORTHWESTERN ALASKA
*KUGRUK VOLCANICS	12	QUATERNARY/UPPER TERTIARY	ALASKA
*KUGURURUK FORMATION IN BAIRD GROUP	3	UPPER DEVONIAN	NORTHERN ALASKA
*KUIU LIMESTONE	3	UPPER SILURIAN	SOUTHEASTERN ALASKA
*KUKPOWRUK FORMATION IN NANUSHUK GROUP	2	LOWER CRETACEOUS	NORTHWESTERN ALASKA
*KULTIETH FORMATION	12	LOWER TERTIARY	SOUTHERN ALASKA
KUPARIK RIVER SANDS	18	LOWER CRETACEOUS	ALASKA
*KUSHTAKA FORMATION	8	Eocene/OLIGOCENE	SOUTH-CENTRAL & SOUTHEAST ALASKA
*KUSKOKWIM GRAVELS AND SILTS	1+2	PLEISTOCENE	CENTRAL SOUTHERN ALASKA
*KUSKOKWIM GROUP	2	CRETACEOUS	SOUTHWESTERN ALASKA
*KUSKULANA FORMATION	1+2	UPPER TRIASSIC	ALASKA
*KUZITRIN FORMATION	1+2	DEVONIAN	NORTHWESTERN ALASKA
*LADRONES LIMESTONE	11	PENNSYLVANIAN	SOUTHEASTERN ALASKA
*LAKE QUARTZITE SCHIST	1+2	PRE-MISSISSIPPIAN	NORTHERN ALASKA
LANDSLIDE CREEK GRANODIORITE	3	MESOZOIC	EASTERN ALASKA
*LIGNITE CREEK FORMATION	10	MIOCENE	ALASKA
*LISBURN GROUP LISBURN LIMESTONE	12	UPPER PALEOZOIC	NORTHERN ALASKA
LITTLE PAVLOF AGGLOMERATE	2	QUATERNARY	SOUTHWESTERN ALASKA
*LITTLE SITKIN GACITE	2	QUATERNARY	SOUTHWESTERN ALASKA
*LIVENGOOD CHERT	1+2	MISSISSIPPIAN	EAST-CENTRAL ALASKA
*LOST JIM LAVA FLOW	2	QUATERNARY	CENTRAL WESTERN ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
MUIR TILL OR FORMATION	3	PLEISTOCENE	SOUTHEASTERN ALASKA
*MYSTIC CREEK MEMBER OF TOTATLANIKA SCHIST	9	MISSISSIPPIAN	ALASKA
*MCCANN HILL CHERT	10	DEVONIAN	CANADA & EAST-CENTRAL ALASKA
*MCCARTHY CREEK SHALE	1+2	UPPER TRIASSIC	ALASKA
*MCCARTHY SHALE OR FORMATION	4	JURASSIC/TRIASSIC	CENTRAL ALASKA
*MACCOLL RIDGE FORMATION	10	UPPER CRETACEOUS	SOUTHERN ALASKA
MCHUGH COMPLEX	22	JURASSIC/CRETACEOUS	SOUTH-CENTRAL ALASKA
*NABESNA LIMESTONE	1+2	UPPER TRIASSIC	SOUTHEASTERN ALASKA
*NAKNEK FORMATION	8	UPPER JURASSIC	SOUTHWESTERN ALASKA
NAKNEK LAKE GRANITE	3	LOWER JURASSIC	SOUTHWESTERN ALASKA
*NAKWASINA GROUP	3	TRIASSIC/PERMIAN	SOUTHEASTERN ALASKA
*NANDOK LIMESTONE	11	MIDDLE DEVONIAN	NORTHEASTERN ALASKA
*NANUSHUK GROUP NANUSHUK FORMATION	1+2	CRETACEOUS	NORTHERN ALASKA
*NAPTOHNE GLACIATION	2	PLEISTOCENE	CENTRAL SOUTHERN ALASKA
*NARROW CAPE FORMATION	9	MIOCENE	SOUTHERN ALASKA
*NASORAK FORMATION IN LISBURN GROUP	3	MISSISSIPPIAN	NORTHWESTERN ALASKA
*NATION RIVER FORMATION	6	UPPER DEVONIAN	CENTRAL EASTERN ALASKA
*NELCHINA LIMESTONE	1+2	LOWER CRETACEOUS	CENTRAL SOUTHERN ALASKA
*NELLIE JUAN GRANITE	1+2	MESOZOIC	SOUTHEASTERN ALASKA
*NENANA GRAVEL	7	PLIOCENE	CENTRAL ALASKA
*NEPUCKPUK FORMATION NEPUCKPUK SCHIST	1+2	PRE-MISSISSIPPIAN	NORTHERN ALASKA
*NEVIDISKOV FORMATION	12	OLIGOCENE/MIOCENE	SOUTHWESTERN ALASKA
*NIAKOGUN TONGUE OF CHANDLER FORMATION	2	UPPER CRETACEOUS	NORTHERN ALASKA
NIKOLAI CREEK GLACIATION	2	PLEISTOCENE	CENTRAL SOUTHERN ALASKA
*NIKOLAI GREENSTONE NIKOLAI FORMATION	4	TRIASSIC	EASTERN ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*LUBBE CREEK FORMATION	9	LOWER JURASSIC	ALASKA
*MAK HILL GLACIATION	2	PLEISTOCENE	SOUTHWESTERN ALASKA
*MAKUSHIN VOLCANICS	3	PLIOCENE/PLEISTOCENE	ALASKA
*MANKOMEN FORMATION	1+2	PERMIAN	SOUTHEASTERN ALASKA
*MARSHALL PASS GLACIATION	3	RECENT	ALASKA
*MARSH CREEK BRECCIA MEMBER OF TALKEETNA FORMATION	3	LOWER JURASSIC	SOUTHERN ALASKA
*MASSACRE BAY FORMATION	12	QUATERNARY/UPPER TERTIARY	SOUTHWESTERN ALASKA
*MATANUSKA FORMATION	1+2	CRETACEOUS	CENTRAL SOUTHERN ALASKA
*MATANUSKA SERIES	1+2	TERTIARY/JURASSIC	ALASKA
*MELOZI FORMATION IN SHAKTOLIK GROUP	1+2	LOWER CRETACEOUS	CENTRAL WESTERN & CENTRAL ALASKA
MENTASTA ARGILLITE	3	JURASSIC/CRETACEOUS	SOUTH-CENTRAL ALASKA
MENTASTA SCHIST	1+2	PRE-DEVONIAN	SOUTHEASTERN ALASKA
*MESHUK FORMATION	5	OLIGOCENE/MIOCENE	SOUTHWESTERN ALASKA
MIDDLE GROUND SHOAL MEMBER OF TYONEK FORMATION	15	TERTIARY	ALASKA
*MINT RIVER GLACIATION MINT RIVER DRIFT	3	PLEISTOCENE	ALASKA
*MISSION CREEK SERIES	1+2	TERTIARY/PALEOZOIC	SOUTHWESTERN ALASKA
*MONTE CRISTO DIORITE	1+2	PRE-PERMIAN	SOUTHEASTERN ALASKA
*MOONSHINE CREEK FORMATION	10	CRETACEOUS	SOUTHERN ALASKA
*MOOSE CREEK MEMBER OF TOTATLANIKA SCHIST	9	MISSISSIPPIAN	ALASKA
*MOOSEHORN STAGE	3	PLEISTOCENE	SOUTHERN ALASKA
*MORZHOVOI VOLCANICS	3	QUATERNARY/UPPER TERTIARY	ALASKA
MOUNT EMMONS VOLCANICS	2	QUATERNARY	SOUTHWESTERN ALASKA
MOUNT FAIRPLAY GRANITE	3	NOT GIVEN	EAST-CENTRAL ALASKA
MOUNT HAGUE VOLCANICS	2	QUATERNARY	SOUTHWESTERN ALASKA
*MOUNT OSBORN GLACIATION	2	PLEISTOCENE	CENTRAL WESTERN ALASKA
*MOUNT SUSITNA GLACIATION	2	PLEISTOCENE	CENTRAL SOUTHERN ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*NILKOKA GROUP	7	PALEOZOIC/PRECAMBRIAN	EASTERN ALASKA
*NINULUK FORMATION IN NANUSHUK GROUP	2	UPPER CRETACEOUS	NORTHERN ALASKA
*NIZINA LIMESTONE	1+2	UPPER TRIASSIC	EASTERN ALASKA
*NIZINA MOUNTAIN FORMATION	9	JURASSIC	ALASKA
*NOATAK SANDSTONE IN ENDICOTT GROUP NOATAK FORMATION	10	MISSISSIPPIAN/DEVONIAN	NORTHERN ALASKA
*NOME GROUP	11	PRECAMBRIAN	NORTHWESTERN ALASKA
*NOME RIVER GLACIATION	2	PLEISTOCENE	WEST-CENTRAL ALASKA
*NUKA FORMATION	19	UPPER PALEOZOIC	NORTHERN ALASKA
*NULATO FORMATION IN SHAKTOLIK GROUP	1+2	LOWER CRETACEOUS	CENTRAL WESTERN & CENTRAL ALASKA
*NUSHAGAK FORMATION	1+2	MIOCENE/PLIOCENE	SOUTHERN ALASKA
*NUTZOTIN SERIES	1+2	PRE-CRETACEOUS	SOUTHEASTERN ALASKA
NUWCK FORMATION	2	PLIOCENE	NORTHERN ALASKA
*OGOTORUK FORMATION	3	JURASSIC/CRETACEOUS	NORTHWESTERN ALASKA
*OKLUNE SERIES	1+2	TERTIARY/UPPER PALEOZOIC	SOUTHERN ALASKA
*OKMOK VOLCANICS OKMOK ASH	2	QUATERNARY	SOUTHWESTERN ALASKA
*OKPIKRUAK FORMATION	2	LOWER CRETACEOUS	NORTHERN ALASKA
*ORCA GROUP	6	LOWER TERTIARY	CENTRAL SOUTHERN ALASKA
*DUMALIK FORMATION	2	LOWER CRETACEOUS	NORTHERN ALASKA
PALISADES CONGLOMERATE	1+2	PLEISTOCENE	SOUTHWESTERN ALASKA
*PATTERSON POINT FORMATION	2	QUATERNARY	SOUTHWESTERN ALASKA
*PAVELOFF SILTSTONE MEMBER OF CHINITNA FORMATION	3	UPPER JURASSIC	SOUTHERN ALASKA
PAVLOF SISTER VOLCANICS	2	QUATERNARY	SOUTHWESTERN ALASKA
PAVLOF VOLCANICS	2	QUATERNARY	SOUTHWESTERN ALASKA
*PELLE GNEISS	1+2	PRECAMBRIAN	CANADA & CENTRAL EASTERN ALASKA
*PERATROVICH FORMATION	11	MISSISSIPPIAN	SOUTHEASTERN ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*PERSEVERANCE SLATE	1+2	PRE-JURASSIC	SOUTHEASTERN ALASKA
PETERS DRIFT	3	PLEISTOCENE	ALASKA
PETERS GLACIATION	3	PLEISTOCENE	ALASKA
*PINNACLE PEAK PHYLLITE	3	TRIASSIC	SOUTHEASTERN ALASKA
PINNACLE (SYSTEM)	1+2	QUATERNARY	SOUTHEASTERN ALASKA
*POCHNOI VOLCANICS	2	CENOZOIC	ALASKA
*POINT HEY MEMBER OF KATALLA FM. POINT HEY SS. MBR. OF REDWOOD FM.	1+2	OLIGOCENE	SOUTHEASTERN ALASKA
*POGHEROY ARKOSE MEMBER OF NAKNEK FORMATION	8	UPPER JURASSIC	SOUTHWESTERN ALASKA
PORCUPINE BEDS	1+2	TERTIARY	SOUTHWESTERN ALASKA
PORCUPINE GROUP	1+2	SILURIAN/ORDOVICIAN	CANADA & EASTERN ALASKA
*PORTAGE CREEK AGGLOMERATE MEMBER OF TALKEETNA FORMATION	3	LOWER JURASSIC	SOUTHERN ALASKA
*PORT CLARENCE LIMESTONE IN NOME GROUP	1+2	DEVONIAN/ORDOVICIAN	NORTHWESTERN ALASKA
*PORT REFUGIO FORMATION	11	UPPER DEVONIAN	SOUTHEASTERN ALASKA
*POUL CREEK FORMATION	1+2	OLIGOCENE/MIOCENE	SOUTHEASTERN ALASKA
*PRATT POINT MEMBER OF LITTLE SITKIN DACITE	2	QUATERNARY	SOUTHWESTERN ALASKA
*PRINCE CREEK FORMATION IN COLVILLE GROUP	2	UPPER CRETACEOUS	NORTHERN ALASKA
*PUCKMUMMIF SCHIST	11	PRECAMBRIAN	NORTHWESTERN ALASKA
*PUFFY MEMBER OF KATALLA FORMATION PUFFY SHALE MBR. OF REDWOOD FM.	1+2	OLIGOCENE	SOUTHEASTERN ALASKA
*PYBUS FORMATION PYBUS DOLOMITE	3	PERMIAN	SOUTHEASTERN ALASKA
*PYRAMID PEAK LIMESTONE	3	UPPER SILURIAN	SOUTHEASTERN ALASKA
RAINY CREEK BASALT	3	CARBONIFEROUS	ALASKA
*RAMPART GROUP	11	PERMIAN	CENTRAL ALASKA
*RAPIDS SCHIST	1+2	PRE-MISSISSIPPIAN	NORTHERN ALASKA
*RAT FORMATION	2	PRE-QUATERNARY	ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*RED GLACIER FORMATION IN TUXEDNI GROUP	3	MIDDLE JURASSIC	SOUTHERN ALASKA
REDWOOD FORMATION	1+2	OLIGOCENE	SOUTHEASTERN ALASKA
*RENOU FORMATION	3	UPPER SILURIAN	SOUTHEASTERN ALASKA
*RETREAT GROUP	5	MIDDLE DEVONIAN	SOUTHEASTERN ALASKA
*RILEY CREEK GLACIATION	2	PLEISTOCENE	CENTRAL SOUTHERN ALASKA
*ROAD RIVER FORMATION	10	DEVONIAN/ORDOVICIAN	CANADA & EAST-CENTRAL ALASKA
*ROGERS CREEK MEMBER OF SCHRADER BLUFF FORMATION	2	UPPER CRETACEOUS	NORTHERN ALASKA
ROMANZOF GRANITE	3	UPPER DEVONIAN	NORTHEASTERN ALASKA
*ROOT GLACIER FORMATION	9	UPPER JURASSIC	SOUTHERN ALASKA
*SADLEROKHTY FORMATION SADLEROKHT SANDSTONE	11	TRIASSIC/PERMIAN	NORTHERN ALASKA
*SAGAVANIRKTOK FORMATION	2	LOWER TERTIARY	NORTHERN ALASKA
*SAGAVANIRKYOK RIVER GLACIATION	2	PLEISTOCENE	CENTRAL NORTHERN ALASKA
*SAGINAW BAY FORMATION	3	CARBONIFEROUS	SOUTHEASTERN ALASKA
*SAG RIVER SANDSTONE	11	UPPER TRIASSIC	NORTHERN ALASKA
ST. ELIAS SCHIST	1+2	NOT GIVEN	SOUTHEASTERN ALASKA
*ST. JOSEPH ISLAND VOLCANICS	11	DEVONIAN	SOUTHEASTERN ALASKA
*SALIGVIK GRAVEL	3	CENOZOIC	NORTHWESTERN ALASKA
*SALMON LAKE GLACIATION	2	PLEISTOCENE	WEST-CENTRAL ALASKA
*SALMONTROUT LIMESTONE	10	LOWER DEVONIAN	EAST-CENTRAL ALASKA
*SANCTUARY FORMATION	10	MIOCENE	ALASKA
SAND BAY AGGLOMERATE IN SAND BAY VOLCANICS	2	TERTIARY	SOUTHWESTERN ALASKA
SAND BAY LAVA FLOWS IN SAND BAY VOLCANICS	2	TERTIARY	SOUTHWESTERN ALASKA
*SAND BAY VOLCANICS	2	TERTIARY	SOUTHWESTERN ALASKA
*SCHRADER BLUFF FORMATION IN COLVILLE GROUP	2	UPPER CRETACEOUS	NORTHERN ALASKA
*SCHRADER GLACIATION	3	PLEISTOCENE	ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*SCHULZE FORMATION	10	CRETACEOUS	SOUTHERN ALASKA
*SEABEE FORMATION IN COLVILLE GROUP SEABEE MBR. OF SCHRADER BLUFF FM.	2	UPPER CRETACEOUS	NORTHERN ALASKA
SEAL RIVER FORMATION	3	RECENT	SOUTHEASTERN ALASKA
*SELATNA GLACIATION	2	PLEISTOCENE	CENTRAL SOUTHERN ALASKA
*SELDOVIAN STAGE	9	OLIGOCENE/MIOCENE	SOUTH-CENTRAL ALASKA
*SENTINEL HILL MEMBER OF SCHRADER BLUFF FORMATION	2	UPPER CRETACEOUS	NORTHERN ALASKA
*SEYMOUR CANAL FORMATION IN STEPHENS PASSAGE GROUP	3	JURASSIC/CRETACEOUS	SOUTHEASTERN ALASKA
SHAININ LAKE DRIFT	3	PLEISTOCENE	NORTHERN ALASKA
*SHAKTOLIK GROUP	1+2	LOWER CRETACEOUS	CENTRAL WESTERN & CENTRAL ALASKA
*SHALE WALL MEMBER OF SEABEE FORMATION	3	UPPER CRETACEOUS	NORTHERN ALASKA
*SHEEP BAY GRANITE	1+2	PALEOZOIC	SOUTHEASTERN ALASKA
*SHEEP CREEK MEMBER OF TOTATLANIKA SCHIST	9	MISSISSIPPIAN	CENTRAL ALASKA
*SHELKOF FORMATION	1+2	UPPER JURASSIC	SOUTHWESTERN ALASKA
*SHELTER FORMATION	2	LOWER CRETACEOUS	SOUTHEASTERN ALASKA
*SHUBLIK FORMATION	6	TRIASSIC	NORTHERN ALASKA
SHUMAGIN FORMATION	3	UPPER CRETACEOUS	SOUTHWESTERN ALASKA
*SIKSIKPUK FORMATION	2	LOWER PERMIAN	NORTHERN ALASKA
SIRUK GLACIATION	3	PLEISTOCENE	NORTHERN ALASKA
*SITKA GRAYWACKE SITKA GROUP	3	JURASSIC/CRETACEOUS	SOUTHEASTERN ALASKA
*SITKALINAK FORMATION	9	Eocene	SOUTH-CENTRAL ALASKA
*SITKINAK FORMATION	9	OLIGOCENE	SOUTH-CENTRAL ALASKA
*SITKIN POINT FORMATION	2	PLEISTOCENE	SOUTHWESTERN ALASKA
*SKAJIT LIMESTONE IN BAIRD GROUP	10	DEVONIAN	NORTHERN ALASKA
SKILAK STAGE	3	PLEISTOCENE	SOUTHERN ALASKA
*SKOLAI GROUP	11	PERMIAN	ALASKA
SKOLAI VOLCANICS	1+2	TRIASSIC	EASTERN ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*SKWENYNA GROUP	1+2	JURASSIC	SOUTHERN ALASKA
SLANA BASALT	3	TRIASSIC	SOUTH-CENTRAL ALASKA
SLATE CREEK GRANODIORITE PORPHYRY	3	MESOZOIC	ALASKA
*SLOW FORK GLACIATION	2	PLEISTOCENE	SOUTH-CENTRAL ALASKA
*SNUG HARBOR SILTSTONE MEMBER OF NAKNEK FORMATION	3	UPPER JURASSIC	SOUTHERN ALASKA
*SOLOMON SCHIST	1+2	PRE-CRDOVICIAN	NORTHWESTERN ALASKA
*SOWIK LIMESTONE	1+2	OROOVICIAN	NORTHWESTERN ALASKA
*SPLIT CREEK SANDSTONE MBR KATALLA FM SPLIT CREEK SH & SS MBR KATALLA FM	1+2	OLIGOCENE	SOUTHEASTERN ALASKA
STANIUKOVICH FORMATION	20	JURASSIC/CRETACEOUS	SOUTHWESTERN ALASKA
*STANIUKOVICH SHALE	1+2	UPPER JURASSIC	SOUTHWESTERN ALASKA
*STATION CREEK FORMATION IN SKOLAI GROUP	11	PERMIAN	ALASKA
*STEP CONGLOMERATE	10	PERMIAN	EAST-CENTRAL ALASKA
*STEPHENS PASSAGE GROUP	3	JURASSIC/CRETACEOUS	SOUTHEASTERN ALASKA
STEPOVAK FORMATION IN BEAVER BAY GROUP	3	LOWER TERTIARY	SOUTHERN ALASKA
STEPOVAK SERIES	1+2	EOCENE	SOUTHWESTERN ALASKA
STERLING FORMATION IN KENAI GROUP	16	TERTIARY	ALASKA
*STILLWATER FORMATION	1+2	EOCENE	SOUTHEASTERN ALASKA
*STRELNA FORMATION	1+2	MISSISSIPPIAN	SOUTHEASTERN ALASKA
*STURGEON RIVER GLACIATION STURGEON RIVER DRIFT	11	PLEISTOCENE	ALASKA
*STUVER MEMBER OF KANAYUT CONGLOMERATE STUVER SERIES	1+2	UPPER DEVONIAN	NORTHERN ALASKA
*SUMMIT LAKE GLACIATION	3	PLEISTOCENE	ALASKA
+SUNRISE SERIES OR GROUP	1+2	MESOZOIC/PALEOZOIC	SOUTHERN ALASKA
*SUNTRANA FORMATION	10	MIOCENE	ALASKA
*SUSITNA SLATE	1+2	JURASSIC/CRETACEOUS	SOUTHERN ALASKA
SUSLOTA DIORITE	3	TERTIARY	SOUTH-CENTRAL ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*SUSLOTA LIMESTONE	1+2	PENNSYLVANIAN	CENTRAL EASTERN ALASKA
SWAN LAKE GLACIATION	2	PLEISTOCENE	CENTRAL SOUTHERN ALASKA
+SYMONDS FORMATION	2	LOWER CRETACEOUS	SOUTHEASTERN ALASKA
+TACHATNA SERIES	1+2	MIDDLE DEVONIAN	SOUTHERN ALASKA
*TACHILNI FORMATION	3	UPPER TERTIARY	ALASKA
*TAPKANDIT LIMESTONE	12	LOWER PERMIAN	EAST-CENTRAL ALASKA
+TAKKANDIT SERIES	1+2	PERMIAN/PENNSYLVANIAN	EASTERN ALASKA
*TAKOTNA FORMATION	1+2	MIDDLE DEVONIAN	SOUTHERN ALASKA
*TALKEETNA FORMATION	8	LOWER JURASSIC	CENTRAL SOUTHERN ALASKA
+TANAK VOLCANICS	2	QUATERNARY	SOUTHWESTERN ALASKA
+TANANA SCHIST	1+2	PRECAMBRIAN	EASTERN ALASKA
*TANYA STAGE TANYA SUBSTAGE	3	RECENT	SOUTHERN ALASKA
+TATALINA GROUP	1+2	PRE-SILURIAN	NORTHEASTERN ALASKA
*TATINA GROUP	1+2	SILURIAN/ORDOVICIAN	CENTRAL SOUTHERN ALASKA
*TELAVIRAK FORMATION	3	JURASSIC/CRETACEOUS	NORTHWESTERN ALASKA
TERRA COTTA SERIES	1+2	DEVONIAN/ORDOVICIAN	SOUTHERN ALASKA
*TETFLNA VOLCANICS	1+2	CARBONIFEROUS	SOUTHEASTERN ALASKA
*TEXAS CREEK GRANODIORITE	1+2	JURASSIC/CRETACEOUS	SOUTHEASTERN ALASKA
*THANE VOLCANIC GROUP	1+2	JURASSIC	SOUTHEASTERN ALASKA
THETIS GROUP	1+2	UPPER CRETACEOUS	NORTHWESTERN ALASKA
*TIDAL FORMATION	3	UPPER SILURIAN	SOUTHEASTERN ALASKA
*TIWAKHA SCHIST IN KIGLUAK GROUP	1+2	PRE-MISSISSIPPIAN	NORTHWESTERN ALASKA
*TIGLUKPUK FORMATION	2	UPPER JURASSIC	NORTHERN ALASKA
*TINDIR GROUP	8	PRECAMBRIAN	EAST-CENTRAL ALASKA
*TLEVAK BASALT	5	CENOZOIC	SOUTHEASTERN ALASKA
TOGIK GRAVELS	1+2	PLEISTOCENE	SOUTHWESTERN ALASKA
TOK SANDSTONE	2	TERTIARY	EASTERN ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*TOKUN FORMATION	1+2	Eocene/OLIGOCENE	SOUTHEASTERN ALASKA
*TOLOVANA LIMESTONE	7	DEVONIAN/SILURIAN	NORTHEASTERN ALASKA
TOLSTOI FORMATION IN BEAVER BAY GROUP	3	PALEOCENE/Eocene	SOUTHWESTERN ALASKA
*TONNIE SILTSTONE MEMBER, CHINITNA FM. TONNIE SS OR SLTST MBR, TUXEDNI FM	2	UPPER JURASSIC	CENTRAL SOUTHERN ALASKA
*TONZONA GROUP	1+2	PALEOZOIC	CENTRAL SOUTHERN ALASKA
*TOPAGORUK FORMATION TOPAGORUK MEMBER OF UMIAT FM.	2	LOWER CRETACEOUS	NORTHERN ALASKA
*TOPSY FORMATION	8	OLIGOCENE/MIOCENE	SOUTHERN ALASKA
*TORDRILLO FORMATION	1+2	MIDDLE JURASSIC	CENTRAL SOUTHERN ALASKA
*TOROK FORMATION	2	LOWER CRETACEOUS	NORTHERN ALASKA
*TOTATLANIKA SCHIST	9	MISSISSIPPIAN	CENTRAL ALASKA
*TOTSEN SERIES OR GROUP	1+2	LOWER PALEOZOIC	NORTHERN ALASKA
*TREADWELL SLATE OR FORMATION	1+2	JURASSIC/CRETACEOUS	SOUTHEASTERN ALASKA
*TSADAKA FORMATION	10	MIOCENE	SOUTH-CENTRAL ALASKA
*TUGIDAK FORMATION	9	PLIOCENE	SOUTH-CENTRAL ALASKA
*TUKTU FORMATION IN NANUSHUK GROUP TUKTU MEMBER OF UMIAT FORMATION	2	LOWER CRETACEOUS	NORTHERN ALASKA
*TULIK BASALT	2	CENOZOIC	SOUTHWESTERN ALASKA
*TULUGA MEMBER OF SCHRADER BLUFF FORMATION	2	UPPER CRETACEOUS	NORTHERN ALASKA
*TULUVAK TONGUE OF PRINCE CREEK FORMATION	2	UPPER CRETACEOUS	NORTHERN ALASKA
*TUNNEL STADE TUNNEL DRIFT	3	RECENT	ALASKA
*TUPIK FORMATION IN LISBURNE GROUP	3	UPPER MISSISSIPPIAN	NORTHERN ALASKA
*TUSTUMENA STADE TUSTUMENA DRIFT	3	RECENT	ALASKA
*TUXEDNI GROUP TUXEDNI SANDSTONE OR FORMATION	4	JURASSIC	CENTRAL SOUTHERN ALASKA
TWELVEMILE BEDS	1+2	TERTIARY	SOUTHWESTERN ALASKA
*TWIST CREEK SILTSTONE IN TUXEDNI GROUP	3	MIDDLE JURASSIC	SOUTHERN ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*TYONEK FORMATION IN KENAI GROUP	16	TERTIARY	SOUTHERN ALASKA
*ULANFAK CREEK GLACIATION	3	RECENT	NORTHWESTERN ALASKA
UMIAT BENTONITE OF SEABEE FORMATION	3	CRETACEOUS	NORTHERN ALASKA
*UMIAT FORMATION IN NANUSHUK GROUP	2	CRETACEOUS	NORTHERN ALASKA
*UNALASKA FORMATION	3	TERTIARY	ALASKA
UNALUK GLACIATION UNALUK DRIFT	3	PLEISTOCENE	SOUTHWESTERN ALASKA
*UNGA CONGLOMERATE	8	MIOCENE	SOUTHWESTERN ALASKA
*UNGALIK CONGLOMERATE	1+2	LOWER CRETACEOUS	CENTRAL WESTERN & CENTRAL ALASKA
*UTUKOK FORMATION IN LISBURNE GROUP	3	LOWER MISSISSIPPIAN	NORTHERN ALASKA
*UYAK FORMATION	5	TRIASSIC	SOUTH-CENTRAL ALASKA
*VALDEZ GROUP	7	JURASSIC/CRETACEOUS	CENTRAL SOUTHERN ALASKA
*VALLENAR FORMATION	1+2	MIDDLE DEVONIAN	SOUTHEASTERN ALASKA
VAN HORN FORMATION	3	PLEISTOCENE	SOUTHEASTERN ALASKA
*VEGA BAY FORMATION	3	TERTIARY	SOUTHERN ALASKA
VULCANO BAY BASALT FLOW IN MOUNT HAGUE VOLCANICS	2	QUATERNARY	SOUTHWESTERN ALASKA
*WACHSMUTH LIMESTONE IN LISBURNE GROUP	11	MISSISSIPPIAN	NORTHERN ALASKA
WADLIGH LIMESTONE	11	DEVONIAN	SOUTHEASTERN ALASKA
*WAHOO LIMESTONE IN LISBURNE GROUP	12	PERMIAN/PENNSYLVANIAN	NORTHERN ALASKA
*WALES GROUP	1+2	PRE-MISSISSIPPIAN	SOUTHEASTERN ALASKA
*WALKER LAKE GLACIATION	3	PLEISTOCENE	NORTHWESTERN ALASKA
*WATERBUNT BASALT	1+2	MIOCENE/PLIOCENE	SOUTHWESTERN ALASKA
*WATERFALL GREENSTONE	3	TRIASSIC	SOUTHEASTERN ALASKA
*WELLER GLACIATION	3	PLEISTOCENE	ALASKA
*WELLESLEY FORMATION	1+2	MISSISSIPPIAN	EASTERN ALASKA

STRATIGRAPHIC NAME	REFERENCE	SYSTEM/SERIES	LOCATION
*WEST COVE MEMBER OF LITTLE SITKIN DACITE	2	QUATERNARY	SOUTHWESTERN ALASKA
WEST FORELAND FORMATION IN KENAI GROUP	16	TERTIARY	ALASKA
*WEST FORK FORMATION	1+2	MISSISSIPPIAN/DEVONIAN	NORTHERN ALASKA
WEST FORK GRANODIORITE	3	MESOZOIC	ALASKA
*WHITESTRIPE MARBLE	3	TRIASSIC	SOUTHEASTERN ALASKA
WILLIAM HENRY BAY MARBLE	2	LOWER PALEOZOIC	SOUTHEASTERN ALASKA
*WILLIWAW COVE FORMATION	2	CENOZOIC	SOUTHWESTERN ALASKA
*WILLOUGHBY LIMESTONE	10	SILURIAN	SOUTHEASTERN ALASKA
*WISHBONE FORMATION	7	PALEOCENE/EOCENE	SOUTH-CENTRAL ALASKA
WOLVERINE COMPLEX	21	JURASSIC	SOUTH-CENTRAL ALASKA
*WONDER LAKE GLACIATION	2	PLEISTOCENE	SOUTH-CENTRAL ALASKA
*WOODCHOPPER VOLCANICS	1+2	MIDDLE DEVONIAN	NORTHEASTERN ALASKA
*WORTHINGTON GLACIATION	3	RECENT	ALASKA
*WRANGELL LAVA	12	QUATERNARY/UPPER TERTIARY	SOUTHERN ALASKA
*YAKATAGA FORMATION	8	QUATERNARY/UPPER TERTIARY	SOUTHERN ALASKA
*YAKUTAT GROUP	8	JURASSIC/CRETACEOUS	SOUTHERN ALASKA
*YENTNA BEDS	1+2	TERTIARY	SOUTHERN ALASKA
*YORK GLACIATION YORK DRIFT	3	PLEISTOCENE	ALASKA
YUKON GROUP	1+2	PRECAMBRIAN	NORTHEASTERN ALASKA & CANADA
YUKON SILTS	1+2	PLEISTOCENE	NORTHEASTERN ALASKA
*ZETO POINT BASALT PORPHYRY	2	TERTIARY	SOUTHWESTERN ALASKA

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