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LIST OF MAP UNITS

AGE AND LITHOLOGIC ABBREVIATIONS FOR MESOZOIC AND CENOZOIC OVERLAP SEDIMENTARY ASSEMBLAGES AND BASINAL DEPOSITS

Qt Sedimentary rocks (Quaternary)
QtS Sedimentary rocks (Quaternary and late Tertiary)
CzS Sedimentary rocks (Cenozoic)
CzKs Sedimentary rocks (Cretaceous and Cenozoic)
CzKv Sedimentary and volcanic rocks (Cretaceous and Cenozoic)
CzT Sedimentary rocks (early Tertiary)
TkS Sedimentary rocks (Late Cretaceous and early Tertiary)
TkL Sedimentary rocks (Tertiary to Late Jurassic)
Ks Sedimentary rocks (Cretaceous)
KsT Sedimentary rocks (Early Cretaceous)
KJv Sedimentary and volcanic rocks (Early Cretaceous and Late Jurassic)
KJvS Sedimentary and volcanic rocks (Early Cretaceous and Late Jurassic)
Us Sedimentary rocks (Late Tertiary)
Jz Sedimentary rocks (Jurassic)

AGE AND LITHOLOGIC ABBREVIATIONS FOR CENOZOIC AND MESOZOIC OVERLAP VOLCANIC ASSEMBLAGES AND BASINAL DEPOSITS
(Note: Felsic includes silicic and intermediate igneous rocks.)

Qv Intermediate volcanic rocks (Quaternary)
Felsic volcanic rocks (Quaternary)
QtB Basalt (Quaternary and late Tertiary)
QvT Felsic volcanic rocks (Quaternary and late Tertiary)
QvCm Mafic volcanic rocks (Quaternary and late Tertiary)
mTfM Felsic volcanic rocks (middle Tertiary)
mTfMv Intermediate volcanic rocks (middle Tertiary)
mTfV Mafic volcanic rocks (middle Tertiary)
cTfM Intermediate volcanic rocks (Tertiary)
cTfV Mafic volcanic rocks (early Tertiary)
TkVs Felsic volcanic rocks (early Tertiary and Late Cretaceous)
TkVsI Intermediate volcanic rocks (early Tertiary and Late Cretaceous)
TkVsJ Mafic volcanic rocks (early Tertiary and Late Cretaceous)
TkVJ Volcanic rocks (early Tertiary and Late Cretaceous)
Tv Volcanic rocks (Tertiary)
CzV Volcanic rocks (Cenozoic)
CzVc Volcanic rocks (Cenozoic) (Cretaceous)
Kv Volcanic rocks (Cretaceous)
KvI Intermediate volcanic rocks (Cretaceous)
eKvI Intermediate volcanic rocks (Early Cretaceous)
KvF Felsic volcanic rocks (Early Cretaceous and Jurassic)
KvJ Intermediate volcanic rocks (Early Cretaceous and Jurassic)
KJv Volcanic rocks (Early Cretaceous and Jurassic)
JvF Felsic volcanic rocks (Late Jurassic)
DvM Mafic volcanic rocks (Late Jurassic)
DvMv Mafic volcanic rocks (Late Jurassic)

AGE AND LITHOLOGIC ABBREVIATIONS FOR PLUTONIC ROCKS
(Note: Felsic includes silicic and intermediate igneous rocks.)

QTpF Felsic plutonic rocks (Tertiary)
Intermediate plutonic rocks (Tertiary)
mTpF Mafic plutonic rocks (middle Tertiary)
mTpP Plutonic rocks (middle Tertiary)
TpF Felsic plutonic rocks (Tertiary)
cTpF Intermediate plutonic rocks (early Tertiary and Late Cretaceous)
TkPf Felsic plutonic rocks (early Tertiary and Late Cretaceous)
TkPfI Intermediate plutonic rocks (early Tertiary and Late Cretaceous)
KpF Felsic plutonic rocks (Late Cretaceous)
mTpF Felsic plutonic rocks (Cretaceous)
KpI Intermediate plutonic rocks (Cretaceous)
KpF Mafic and ultramafic plutonic rocks (Cretaceous)
KpFp Plutonic rocks (Early Cretaceous)
KpFJ Felsic plutonic rocks (Late Jurassic and Early Cretaceous)
JpF Felsic plutonic rocks (Late Jurassic)
JpFg Felsic plutonic rocks (Jurassic)
JpFg2 Felsic plutonic rocks (late Paleozoic)
mTpFg Felsic plutonic rocks (middle Paleozoic)
P_g Felsic granitic rocks (Proterozoic)

NAME ABBREVIATIONS FOR OVERLAP SEDIMENTARY AND VOLCANIC ASSEMBLAGES AND BASINAL DEPOSITS AND IGNEOUS ARCS
(Arranged alphabetically by name and space permits)

abbreviations for map symbols displayed in parentheses on 5.0-million-scale maps where space permits

al Aleutian volcanic arc - volcano part (early Tertiary to Holocene) (Alaska)
am Aleutian Islands, and Komandorski Islands
am-Alpha-Nalchik Ridge (late Early Cretaceous to Paleogene) (Beaufort Sea, Chukchi Sea, and adjacent areas)
an Aniva sedimentary basin (Cenozoic) (Southern Sea of Okhotsk)
as Amerasia sedimentary basin (Early Cretaceous to Quaternary) (Canadian Arctic Islands, Baffin Bay, Chukchi Sea, East Siberian Sea and adjacent areas)
at Alaska Range-Midway volcanic belt (late Cretaceous and early Tertiary) (Southern Alaska)
ath Aleutian-Bowers sedimentary basin (Cenozoic) (Northern Pacific Ocean and Bering Sea)
bg Blagoveshchensk sedimentary basin (late Cretaceous to Quaternary) (East Siberian Sea and adjacent areas)
bo Bowser sedimentary assemblage (Middle Jurassic to Early Cretaceous) (Central and southern Canadian Cordillera)
bs Bering volcanic arc - volcano part (late Tertiary and Quaternary) (Bering Sea, Seward Peninsula, and Southeast Alaska)
bu Burea sedimentary basin (Jurassic and Early Cretaceous) (Northwestern part of Canadian Cordillera and southern Canadian Cordillera)
bw Bowers Ridge volcanic belt (late Eocene to Quaternary) (Central and southern Canadian Cordillera)
cb Columbia River Basalt Group (Miocene) (U.S.A. Pacific Northwest and southern Cordillera)
cf Cordilleran volcanic and sedimentary basin (Late Jurassic to early Tertiary) (U.S.A. Pacific Northwest and Canadian Cordillera)
ch Charlie sedimentary basin (Cenozoic) (Beaufort Sea, Chukchi Sea, and adjacent areas)
ck Central Kamchatka volcanic and sedimentary basin (Oligocene to Holocene) (Kamchatka Peninsula)
co Colville sedimentary basin (Cretaceous and Cenozoic) (Northern Alaska)
cok Central Okhotsk sedimentary basin (Cenozoic) (Sea of Okhotsk)
cokr Carmack volcanic field (late Cretaceous) (Northern Canadian Cordillera)
cn Coast-North Canadian sedimentary belt (late Cretaceous to early Tertiary) (southeastern Alaska, western Canadian Cordillera, and northern U.S.A. Pacific Northwest)
dl De Long sedimentary basin (Cenozoic) (Beaufort Sea, Chukchi Sea, and adjacent areas)
dr Deryugina sedimentary basin (Sea of Okhotsk)
ej East Japan volcanic belt (Neogene to Holocene) (Hokkaido Island, Japan)
ek East Kamchatka volcanic belt (Pliocene to Holocene) (Eastern Kamchatka Peninsula)
es East Shikotan-Alin volcanic-plutonic belt (Late Cretaceous and early Tertiary) (Eastern part of Russian Southeast)
esK Eastern Sakhalin sedimentary basin (Cenozoic) (Sea of Okhotsk)
gb Gravina-Nutzotin-Gambier volcanic-plutonic-sedimentary belt (Late Jurassic and Early Cretaceous) (Eastern-Southern Alaska, southern Alaska, and Canadian Cordillera)
gz Gravina-Gambier volcanic-plutonic-sedimentary basin (Oligocene to Holocene) (Sea of Okhotsk)
hs Hope sedimentary basin (late Cretaceous to Quaternary) (Chukchi Sea)
ia Interior Alaska volcanic belt (middle Tertiary) (West-Central Alaska and Saint Lawrence Islands, Alaska)
ih Ishikari-Kushiro volcanic and sedimentary basin (Cretaceous and late Paleogene to Holocene) (Hokkaido Island, Japan)
iok Indigirka-Olyu sedimentary-plutonic-volcanic assemblage (Middle Jurassic to Early Cretaceous) (Northern Siberian Sea)
ka Kamchatka-Koryak volcanic and sedimentary basin (Early Tertiary) (Central and southern Canadian Cordillera)
kb Khibive sedimentary assemblage (Cretaceous) (Eastern Russian Northeast)
ck Central Kamchatka volcanic belt (Eocene to Quaternary) (Central Kamchatka Peninsula)
kh Khibite sedimentary and volcanic assemblage (Late Jurassic and Cretaceous) (Southern and southwestern Alaska)
kk Khibite-Koryak volcanic and sedimentary basin (Late Cretaceous to Miocene) (Kamchatka Peninsula and eastern Kamchatka)
km Kuskokwim Mountains sedimentary, volcanic, and plutonic belt (late Cretaceous and early Tertiary) (Southwestern Alaska)
kn Kandik sedimentary overlap assemblage (Early Cretaceous and Late Jurassic) (Central and southern Canadian Cordillera)
ko Khibine-Ochotok volcanic-plutonic belt (Cretaceous) (Northern part of Russian Southeast)
kw Kuri volcanic arc - volcano part (Early Cretaceous to Holocene) (Kamchatka Peninsula)
lb Lebed sedimentary basin (Cenozoic) (Eastern Sea of Okhotsk)
ma Middle Amur sedimentary basin (Late Cretaceous and Cenozoic) (Russian Southeast)
nak Makarov sedimentary basin (Cenozoic) (Sea of Okhotsk)
nb Northwest sedimentary basin (Cenozoic) (Beaufort Sea, Chukchi Sea, and adjacent area)

nc North Chukotka-Vitimskiy sedimentary basin (Tertiary and Quaternary) (Northern part of Chukotka Sea)
no North Okhotsk sedimentary basin (Sea of Okhotsk)
ncl Nelson plutonic suite (Jurassic) (Southeastern Canadian Cordillera)
nsb Novosibirsk sedimentary basin (Late Cretaceous to Quaternary) (East Siberian Sea)
oc Okhotsk volcanic-plutonic belt (Cretaceous and Paleocene) (Eastern Russian Northeast)
om Omicron-Selvya plutonic belt (mid-Cretaceous) (Eastern Canadian Cordillera, interior and northern Alaska, and northern Russian Northeast)
oo Oregon-Idaho volcanic forearc basin (Eocene to mid-Miocene) (U.S.A. Pacific Northwest and eastern part of Northern Rockies) (Canadian Cordillera)
os Oshima sedimentary-volcanic basin (late Paleogene to Quaternary) (Hokkaido Island, Japan)
pn Penzhiyia sedimentary basin (mid- and Late Cretaceous) (Central part of Russian Northeast)
rc Rauschka sedimentary basin (late Jurassic to mid-Cretaceous) (Northeastern part of Russian Northeast)
spc Spence Ridge-volcanic-plutonic belt (mid-Cretaceous) (Southern British Columbia, Canada)
sf Sanak-Baranof plutonic belt (late Cretaceous and early Tertiary) (Coastal southern Alaska)
sh Shishir Ridge volcanic belt (early Tertiary) (Western Bering Sea)
sk Skeena sedimentary basin (Early Cretaceous) (Northern British Columbia, Canadian Cordillera)
skm Skomos sedimentary assemblage (Miocene and Pliocene) (East of Queen Charlotte Islands, Canada)
so South Okhotsk sedimentary basin (Cenozoic) (Southern Sea of Okhotsk)
sp Sakhalin-Primorye volcanic belt (late Tertiary and Quaternary) (Sea of Japan and adjacent areas)
tn Tianshui sedimentary basin (Late Cretaceous and Cenozoic) (Sea of Okhotsk)
to Tora sedimentary basin (Late Jurassic and Early Cretaceous) (Northeastern part of Russian Southeast)
th Tahita-Twin Sisters-Francisco Lake magmatic assemblage (Middle Jurassic-Early Cretaceous) (Central part of Canadian Cordillera)
ua Upper Amur sedimentary assemblage (Jurassic) (Northwestern part of Russian Southeast)
ud Uda volcanic-plutonic belt (Late Jurassic and Early Cretaceous) (Southern part of Russian Northeast)
umk Ushkany-Ostrovnoy volcanic-plutonic belt (Jurassic and Cretaceous) (Northeastern part of Russian Southeast)
uz Uda sedimentary basin (Late Jurassic) (Northern part of Russian Southeast)
vk Verkhoyansk collisional granite belt (Late Jurassic and Early Cretaceous) (Southern and western parts of Russian Northeast)
wk West Kamchatka volcanic field (Tertiary) (Western Kamchatka Peninsula and adjacent Sea of Okhotsk)
yk Yukon-Kamchatka volcanic-plutonic belt - volcanic part (early Tertiary) (Eastern-Southern Alaska)

ABBREVIATIONS FOR CRATON, CRATON MARGIN, OCEANIC PLATE, AND BACK-ARC-SPREADING UNITS

Craton and Craton-Margin Rock Units

North American Craton and Craton Margin
NAC Western North American Craton (Archean through Cenozoic) (East of Canadian Cordillera)
NAM North American Craton Margin (Proterozoic, Paleozoic, and early Mesozoic) (Between North American Craton and terranes of Canadian Cordillera)

North Asian Craton and Craton Margin (Eastern and southern parts of Siberia)

NSC North Asia Craton (Archean and Early Proterozoic) (Eastern part of North Asian Craton)
NSS North Asia Craton - Stanovoy block (Archean and Early Proterozoic) (Southern part of North Asian Craton)
NSV North Asian Craton Margin (Verkhoyansk fold belt) (Paleozoic and early Mesozoic) (Between North Asian craton and accreted terranes)

Active Spreading Seafloor and Cenozoic Oceanic Plates

Active Spreading Seafloor (Pacific Ocean)

JA Juan de Fuca Plate (Cenozoic) (Eastern Pacific Ocean)
PAC Pacific Plate (Cenozoic) (Pacific Ocean)

Eurasia Plate (East Siberian Sea)

AN Amundsen Basin (Cenozoic) (Beaufort Sea, Chukchi Sea, and adjacent area)
Bering Sea
KMB Kamandorsky Plate East (early Miocene) (Kamandorsky Basin, Western Bering Sea)

KMW Kamandorsky Plate West (early Miocene) (Kamandorsky Basin, Western Bering Sea)

Back-Arc Spreading Units

KR Kuril back-arc unit (Cenozoic) (Southeastern Sea of Okhotsk)
SJ Sea of Japan back-arc unit (Cenozoic) (Sea of Japan)

TECTONOSTRATIGRAPHIC TERRANES
(Arranged alphabetically by map symbol, interpreted tectonic environment and region in parentheses)

AA Aleutia terrane (oceanic crust) (Probable Cretaceous and early Tertiary) (Northern Pacific Ocean and Bering Sea)
Arctic Alaska superterrane (Northern Alaska)
AAD DeLong Mountain terrane (passive continental margin) (Brooks Range, Alaska)
AAE Eddicott Mountains terrane (passive continental margin) (Brooks Range, Alaska)
AAH Haast terrane (passive continental margin) (Brooks Range, Alaska)
AN North Slope terrane (passive continental margin) (North Slope and Brooks Range, Alaska)
AAT Tigara terrane (passive continental margin) (Northwestern Alaska and western Seward Peninsula)
AG Angayakut terrane (accretionary wedge and subduction zone - predominantly oceanic rocks) (East and west-central Alaska, and Southern Brooks Range)
AK Akevka terrane (cratonic) (East-central part of Russian Northeast)
AM Amur River terrane (accretionary wedge or subduction zone - predominantly turbidites) (Northern part of Russian Southeast)
AN Anu terrane (metasedimentary) (Northern part of Russian Southeast)
ANV Aniva terrane (passive continental margin) (Northern part of Russian Southeast)
AP Aurora Peak terrane (passive continental margin) (Northern part of Russian Southeast)
AR Artes terrane (passive continental margin) (Unknown) (Beaufort Sea, Chukchi Sea, and adjacent areas)
ASC Academic Seamounts terrane (Sea of Okhotsk)
ATW Atka-Prince William terrane (accretionary wedge - predominantly turbidites) (Northern Pacific Ocean)
AU Argus terrane (cratonic) (Northern part of Russian Southeast)
AV Alaknay terrane (cratonic) (Northern part of Russian Southeast)
AY Ayanak terrane (passive continental margin) (Northern part of Russian Southeast)
BA Baker terrane (cratonic) and (accretionary wedge and subduction zone - predominantly oceanic rocks) (Southern part of U.S.A. Pacific Northwest)
BD Badchak terrane (accretionary wedge and subduction zone - predominantly oceanic rocks) (Northern part of Russian Southeast)
BE Bembridge terrane (metasedimentary) (Sea of Okhotsk)
BTB Beringia terrane (probable continental margin) (Eurasia, Bering Sea, Chukchi Sea, and adjacent areas)
BU Malokuray terrane (cratonic) (Northern part of Russian Southeast)
CA Cassiar terrane (passive continental margin) (Eastern part of Canadian Cordillera)
CC Cache Creek terrane (accretionary wedge and subduction zone - predominantly oceanic rocks) (Western part of Canadian Cordillera)
CD Cadwallader terrane (island arc) (Southern part of Canadian Cordillera)
CE Chelan Mountains terrane (oceanic crust) (North-central part of U.S.A. Pacific Northwest)
Chugach terrane (oceanic crust) (southeastern Alaska)
CGM McHugh Complex and corrugate units (subduction zone - predominantly oceanic rocks) (Southern and southeastern Alaska)
CGV Vancouvr Group and corrugate units (accretionary wedge - predominantly turbidites) (Southern and southeastern Alaska)
CHU Chuitna terrane (oceanic crust, scarp, or ophiolite) (Central Alaska Range, Alaska)

Chukotka terrane (Northern part of Russian Northeast)

CHA Anadyr subterrane (passive continental margin) (Northern part of Russian Northeast)

CHC Chama subterrane (passive continental margin) (Northern part of Russian Northeast)

CHW Shallow subterrane (passive continental margin) (Wrangel Island, East Siberian Sea)

CK Chilliwick River terrane (island arc) (Southern British Columbia, Canadian Cordillera and northern U.S.A. Pacific Northwest)

CKC Chukchi Cape terrane (passive continental margin) (Beaufort Sea, Canada)

CO Coldfoot terrane (metasedimentary) (Southern Brooks Range, Alaska)

CV Cleawater terrane (island arc) (Central Alaska Range, Alaska)

CW Chugach terrane (passive continental margin) (Eurasia, Bering Sea, and adjacent areas)

DX Dillingar terrane (passive continental margin) (West-central Alaska)

DY Dorey terrane (passive continental margin) (East-central part of Canadian Cordillera)

EA Eastern Cordilleran terrane (accretionary wedge and subduction zone - predominantly oceanic rocks) (Southern Canadian Cordillera and northwestern U.S.A. Pacific Northwest)

EK Ekonay terrane (accretionary wedge and subduction zone - predominantly oceanic rocks) (Northern part of Russian Northeast)

GD Goodwin terrane (cratonic) (Northern part of Russian Northeast)

GL Gidra terrane (accretionary wedge and subduction zone - predominantly oceanic rocks) (Northern part of Russian Northeast)

GLN Nilan subterrane (accretionary wedge and subduction zone - predominantly oceanic rocks) (Northern part of Russian Southeast)

GLT Tugur subterrane (accretionary wedge and subduction zone - predominantly oceanic rocks) (Northern part of Russian Southeast)

GN Gouache terrane (cratonic) (Northern part of Russian Southeast)

GR terrane (oceanic crust, scarp, or ophiolite)

GS Gridley terrane (accretionary wedge and subduction zone - predominantly turbidites) (Southeastern part of U.S.A. Pacific Northwest)

GTG Ganul'yan terrane (metamorphic) (Southern part of Kamchatka Peninsula)

HA Harrison River terrane (cratonic) (Northern part of Russian Northeast)

HL Hidaka-Anuli collage (Sea of Okhotsk)

HO Hora terrane (cratonic) (accretionary wedge and subduction zone - predominantly turbidites) (Southern part of U.S.A. Pacific Northwest)

IG Ingalls terrane (accretionary wedge and subduction zone - predominantly oceanic rocks) (Northern part of Russian Southeast)

IK Ilgachus-Orion terrane (metamorphic) (Sea of Okhotsk)

IKR Irkutsk-Idzerno terrane (metamorphic) (South-central Alaska)

IKS Kamchatka terrane (island arc) (Kamchatka Peninsula)

IKM Kharabava terrane (island arc) (Southern part of Russian Southeast)

IKR-Kamchatka terrane (island arc) (Kamchatka Peninsula)

IKS-Kamchatka terrane (island arc) (Kamchatka Peninsula)

IKT Koryak terrane (island arc) (Northern part of Russian Southeast)

IKV Koryak-Kamchatka terrane (island arc) (Kamchatka Peninsula)

IKZ Kuznetsk terrane (island arc) (Kamchatka Peninsula)

IL Ilgachus terrane (island arc) (Southern Brooks Range)

IM Ilychay terrane (cratonic) (Northern part of Russian Southeast)

IN Inuvik terrane (cratonic) (Northern part of Russian Northeast)

IP Inuvik-Tuktoyaktuk terrane (island arc) (Northern part of Russian Northeast)

IS Iwakura terrane (island arc) (Northern part of Russian Southeast)

IT Iwakura-Takutau terrane (island arc) (Northern part of Russian Southeast)

ITB Iwakura-Takutau terrane (island arc) (Northern part of Russian Southeast)