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SHEET 1 OF 4

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RUSSIAN ACADEMY OF SCIENCES
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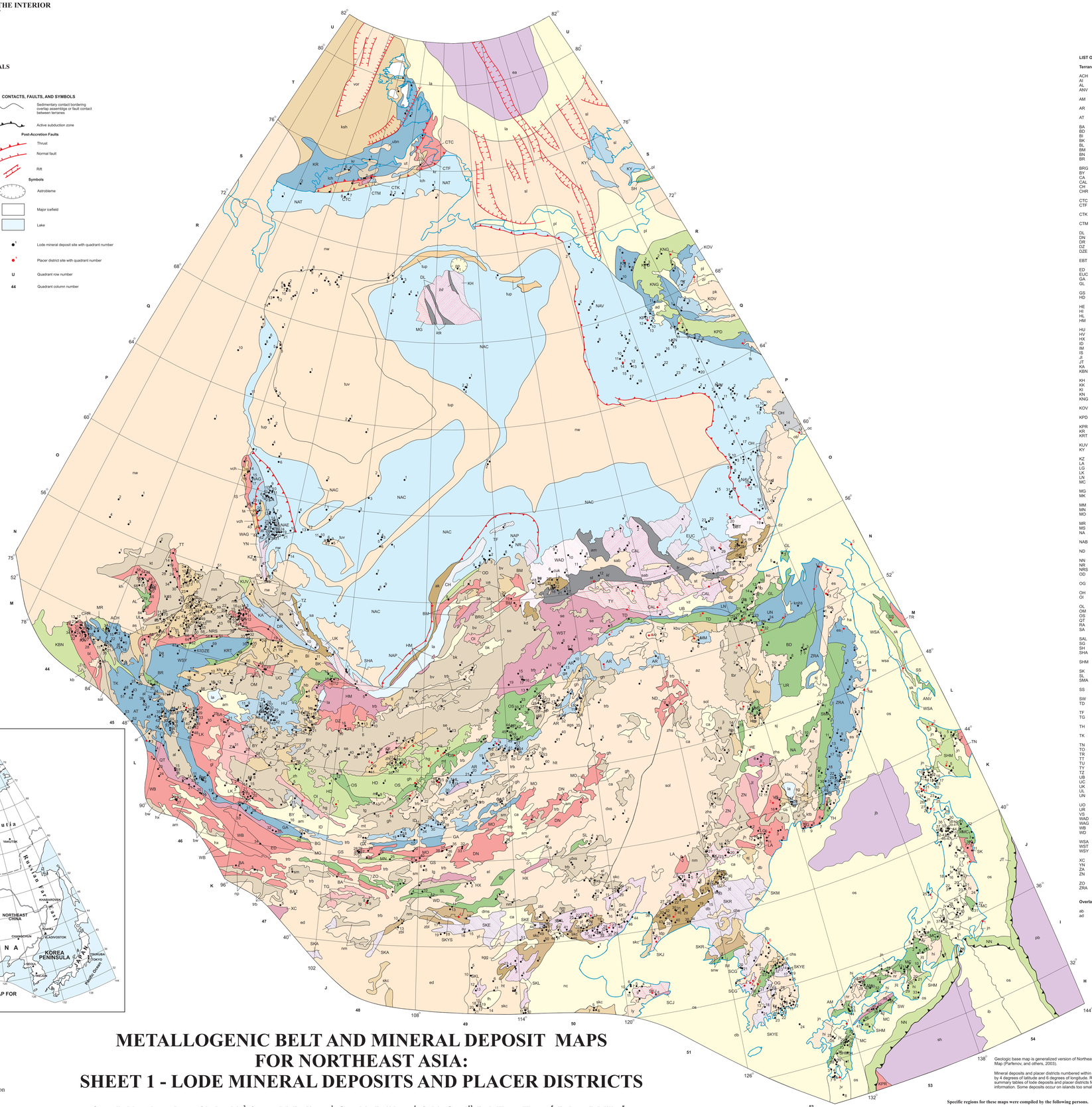
JILIN UNIVERSITY
KOREAN INSTITUTE OF GEOSCIENCE AND MINERALS
GEOLOGICAL SURVEY OF JAPAN/AIST

REFER TO EXPLANATORY PAMPHLET FOR SUMMARY TABLES OF LODE DEPOSITS, PLACER DISTRICTS, AND METALLOGENIC BELTS




## EXPLANATION

**TERRANES IN LATE PRECAMBRIAN AND PHANEROZOIC OROGENIC BELTS**

- Cratonal terrane
- Passive continental margin terrane
- Continental margin turbidite terrane
- Continental margin arc terrane
- Island arc terrane
- Oceanic terrane and oceanic crust of oceans
- Accretionary wedge terrane A, dominantly turbidites with lesser or no oceanic rocks
- Accretionary wedge terrane B, dominantly oceanic rocks with lesser turbidites
- Metamorphic terrane

**TERRANES IN EARLY PRECAMBRIAN CRYSTALLINE BASEMENT OF CRATONS AND CRATONS WITH MIOGEOCLINAL OVERLAP**

- Granite-greenstone terrane
- Tonalite-trondhjemite-gneiss terrane
- Granulite-orthogneiss terrane
- Granulite-paragneiss terrane
- Paragneiss terrane
- Greenschist terrane
- Craton with miogeoclinal overlap and craton margin
- Major melange zone

**OVERLAP AND STITCH ASSEMBLAGES**

(Assemblages shown by lighter tones according to age; for overlap assemblages with long age span, the color of the major overlap unit is shown.

- Cenozoic
- Mesozoic (Triassic, Jurassic, and Cretaceous)
- Middle and Late Paleozoic (Devonian through Permian)
- Late Neoproterozoic and Early Paleozoic (Vendian through Silurian)
- Neoproterozoic through Riphean
- Mesoproterozoic
- Paleoproterozoic

**CONTACTS, FAULTS, AND SYMBOLS**

- Sedimentary contact bordering overlap assemblge or fault contact between terranes
- Active subduction zone

**Post-Accretion Faults**

- Thrust
- Normal fault
- Rift

**Symbols**

- Astrobleme
- Major icefield
- Lake
- Lode mineral deposit site with quadrant number
- Placer district site with quadrant number
- U Quadrant row number
- 44 Quadrant column number

GENERALIZED GEOGRAPHIC MAP FOR NORTHEAST ASIA

# METALLOGENIC BELT AND MINERAL DEPOSIT MAPS FOR NORTHEAST ASIA: SHEET 1 - LODE MINERAL DEPOSITS AND PLACER DISTRICTS

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SCALE : 1:7,500,000

0 200 400 600 800 1000 MILES

0 200 400 600 800 1000 KILOMETERS

Lambert Azimuthal equal-area projection
Central longitude 110 degrees East
Central latitude 60 degrees North
Geographic base from Miller and others (1998, 1999)

Geologic base map is generalized version of Northeast Asia Geodynamics Map (Parfenov, and others, 2003).

Mineral deposits and placer districts numbered within quadrants bounded by 4 degrees of latitude and 6 degrees of longitude. Refer to companion summary tables of lode deposits and placer districts for additional information. Some deposits occur on islands too small to depict on map.

**Specific regions for these maps were compiled by the following persons.**

| Region or Country | Contributors |
|---|---|
| Eastern Siberia | Elimir G Distanov, Alexander A. Obolenskiy, Nikolay V. Popov, Vitaly I. Sotnikov |
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| Japan | Masatsugu Ogasawara, Sadahisa Sudo, Koji Wakita |

**LIST OF MAP UNITS**

**Terranes**

- ACH Anui-Chuya terrane (Continental margin turbidite) (Early to Late Paleozoic)
- AI Amil terrane (Accretionary wedge, type A) (Vendian and Cambrian)
- AL Alambai terrane (Accretionary wedge, type B) (Vendian and Early Cambrian)
- ANV Aniva terrane (Accretionary wedge, type B) (Middle Triassic through early Late Cretaceous)
- AM Akiyoshi-Maizuru terrane (Accretionary wedge, type B) (Carboniferous and Permian)
- AR Argunsky terrane (Passive continental margin) (Paleoproterozoic through late Paleozoic)
- AT Altai terrane (Continental margin turbidite) (Precambrian and Cambrian through Devonian)
- BA Bellamahan-Abasbogd terrane (Island arc) (Devonian through Carboniferous)
- BD Badzhal terrane (Accretionary wedge, type B) (Permian through Jurassic)
- BI Birusa terrane (Paragneiss) (Paleoproterozoic to Neoproterozoic)
- BK Belaya-Kitoy terrane (Metamorphic) (Archean?)
- BL Bayanleg terrane (Accretionary wedge, type B) (Ordovician to Devonian)
- BM Baikal-Muya terrane (Island arc) (Neoproterozoic)
- BN Baaran terrane (Island arc) (Devonian through Early Carboniferous)
- BR Baratal terrane (Accretionary wedge, type B) (Late Neoproterozoic through Early Cambrian)
- BRG Barguzin terrane (Metamorphic) (Late Neoproterozoic)
- BY Bayditag terrane (Cratonal) (Neoproterozoic and older)
- CA Central Angara terrane (Passive continental margin) (Neoproterozoic)
- CAL Central Aldan supertERRANE (Granulite-orthogneiss)
- CH Chuja terrane (Paragneiss) (Late Archean through Neoproterozoic)
- CHR Charyish terrane (Continental margin turbidite) (Cambrian through Devonian) (Northwestern Gorny Altai)
- CTC Central Taimyr supertERRANE – Chelyuskin terrane (Island arc) (Neoproterozoic)
- CTF Central Taimyr supertERRANE - Faddey terrane (Metamorphic) (Neoproterozoic and older)
- CTK Central Taimyr supertERRANE - Kolosovsky terrane (Passive continental margin) (Late Neoproterozoic)
- CTM Central Taimyr supertERRANE - Mamont terrane (Metamorphic) (Mesoproterozoic and Neoproterozoic)
- DL Daldyn terrane (Granulite-orthogneiss) (Middle Archean)
- DN Dongujimqin-Nuhetdava terrane (Island arc) (Cambrian through Middle Devonian)
- DR Derba terrane (Passive continental margin) (Late Neoproterozoic)
- DZ Dzhida terrane (Island arc) (Late Neoproterozoic and Early Cambrian)
- DZE Dzhebash terrane (Accretionary wedge, type A) (Late Neoproterozoic and Early Cambrian)
- EBT East Aldan supertERRANE - Batomga composite terrane (Granite-greenstone) (Late Archean)
- ED Edren terrane (Island arc) (Devonian and Early Carboniferous)
- EUC East Aldan supertERRANE - Uchur terrane (granulite-paragneiss) (Paleoproterozoic)
- GA Govi-Altai terrane (Continental-margin turbidite) (Cambrian through Devonian)
- GL Galam terrane (Accretionary wedge, type B) (Cambrian through Early Carboniferous)
- GS Gurvansayhan terrane (Island arc) (Silurian through Early Carboniferous)
- HD Hangay-Dauria terrane (Accretionary wedge, type A) (Silurian through Late Carboniferous)
- HE Heilongjiang terrane (Accretionary wedge, type B) (Ordovician and Silurian)
- HI Hida terrane (Metamorphic) (Jurassic)
- HL Herlen terrane (Oceanic) (Late Neoproterozoic through Early Cambrian)
- HM Hamar-Davaa terrane (Metamorphic) (Paleoproterozoic through Early Cambrian) (Mongolia and Transbaikal)
- HU Hug terrane (Accretionary wedge, type B) (Neoproterozoic)
- HV Hovd terrane (Continental-margin turbidite) (Neoproterozoic through Silurian)
- HX Hulagaul-Xilinhot terrane (Metamorphic) (Paleoproterozoic and Neoproterozoic)
- ID Idermeg terrane (Passive continental margin) (Proterozoic and Cambrian)
- IM Imjingang terrane (Accretionary wedge, type B) (Devonian)
- IS Isakov terrane (Island arc) (Neoproterozoic)
- JI Jiamusi terrane (Metamorphic) (Neoproterozoic and older and Early Cambrian)
- JT Japan trench terrane (Accretionary wedge, type A) (late Tertiary and Quaternary)
- KA Kan terrane (Cratonal) (Paleoproterozoic)
- KBN Kabarga terrane (Accretionary wedge, type A) (Neoproterozoic and early Paleozoic)
- KH Khaphchan terrane (Granulite-paragneiss) (Paleoproterozoic)
- KK Kizir-Kazyr terrane (Island arc) (Cambrian) (Southwestern Eastern Sayan)
- KI Kanin terrane (Island arc) (Late Neoproterozoic and Early Cambrian)
- KN Kular-Nera terrane (Continental margin turbidite) (Permian through Early Jurassic)
- KNG Nagorndzha terrane of Kolyma-Omolon superterrane (Continental margin) (Carboniferous through Late Triassic)
- KOV Omulevka miogeoclinal terrane of Kolyma-Omolon superterrane (Passive continental margin) (late Neoproterozoic through Triassic)
- KPD Polbosnyi-Debin terrane of Kolyma-Omolon superterrane (Accretionary wedge, type A) (Jurassic)
- KPR Kyushu-Palau terrane (Island arc) (Paleocene)
- KR Kara terrane (Continental margin turbidite) (Late Neoproterozoic)
- KRT Kurtushiba terrane (Accretionary wedge, type B) (Late Neoproterozoic and Early Cambrian)
- KUV Kuvai terrane (Accretionary wedge, type A) (Neoproterozoic)
- KY Kolatsyi miogeoclinal terrane (Passive continental margin) (Late Neoproterozoic through Late Triassic)
- KZ Kuzeev terrane (Granulite-orthogneiss) (Paleoproterozoic)
- LA Laoling terrane (Island arc) (Late Ordovician through Silurian)
- LG Laoyeling-Grodekov supertERRANE (Island arc) (Late Carboniferous and Permian)
- LK Lake terrane (Island arc) (Late Neoproterozoic and Cambrian)
- LN Lan terrane (Continental margin turbidite) (Devonian through Triassic)
- MC Mino Tamba Chichibu terrane (Accretionary wedge, type B) (Permian through Early Cretaceous)
- MG Magan terrane (Tonalite-trondhjemite-gneiss) (Paleoproterozoic)
- MK Malkhoganak terrane (Accretionary wedge, type B) (Neoproterozoic and Cambrian)
- MM Mamyn terrane (Passive continental margin) (Archean?)
- MN Mandan terrane (Accretionary wedge, type A) (Permian)
- MO Mandalovoo-Onor terrane (Island arc) (Middle Ordovician through Early Carboniferous)
- MR Maralikha terrane (Accretionary wedge, type A) (Middle Devonian or older)
- MS Muya terrane (Metamorphic) (Late Archean? and Paleoproterozoic?)
- NA Nadanhada terrane (Accretionary wedge, type B) (Middle Triassic through Middle Jurassic)
- NAB Nabilaky terrane (Accretionary wedge, type B) (Late Triassic through Early Cretaceous)
- ND Nora-Sukhotin-Duobaoshan terrane (Island arc) (Neoproterozoic through Early Carboniferous)
- NN Nankai terrane (Accretionary wedge, type A) (Miocene through Quaternary)
- NR Nechera terrane (Granulite-paragneiss) (Archean? and Proterozoic)
- NRS North Sayan terrane (Island arc) (Neoproterozoic and Early Cambrian)
- OD Olokit-Delunoran terrane (Accretionary wedge, type A) (Paleoproterozoic through Neoproterozoic)
- OG Ogcheon terrane (Accretionary wedge, type B) (Late Paleozoic through Early Mesozoic)
- OH Okhotsk terrane (Cratonal) (Archean through Jurassic)
- OI Orhon-Ikatsky terrane (Continental margin arc) (Late Neoproterozoic through Silurian)
- OL Oldoy terrane (Passive continental margin) (Silurian through Early Carboniferous)
- OM Ondum terrane (Island arc) (Late Neoproterozoic through Ordovician)
- OS Oconsky terrane (Accretionary wedge, type B) (Neoproterozoic? or Silurian?)
- QT Qinghe-Tsel terrane (Metamorphic) (Mesoproterozoic and Neoproterozoic)
- RA Rudny-Altai terrane (Island arc) (Late Silurian through Early Carboniferous)
- SA Sanglen terrane (Passive continental margin) (Paleoproterozoic or Neoproterozoic)
- SAL Salair terrane (Island arc) (Early Cambrian through Early Ordovician)
- SG Sergeevka terrane (Island arc) (Cambrian? and Ordovician?)
- SH Shalaurov terrane (Accretionary wedge, type B) (Permian and Triassic)
- SHA Sharizhalgay terrane (Tonalite-trondhjemite gneiss) (Archean through Paleoproterozoic)
- SHM Shimanto terrane (Accretionary wedge, type A) (Early Cretaceous through Miocene)
- SK South Kitakami terrane (Island arc) (Silurian through Cretaceous?)
- SL Solon terrane (Accretionary wedge, type B) (Late Carboniferous through Permian)
- SMA Samarkina terrane (Accretionary wedge, type B) (Late Permian through Middle Jurassic)
- SS Sosunay-Langeri terrane (Accretionary wedge, type B) (Jurassic through Paleogene)
- SW Sambagawa terrane (Metamorphic) (Cretaceous)
- TD Tukuringra-Dzhagdy terrane (Accretionary wedge, type B) (Silurian through Permian)
- TF Tonod terrane (Greenschist) (Paleoproterozoic)
- TG Tsagaan Ul-Guseinaman Terrane (Continental margin arc) (Paleoproterozoic through Permian)
- TH Tauhira terrane (Accretionary wedge, type B) (Late Jurassic through Early Cretaceous)
- TK Terskey terrane (Accretionary wedge, type A) (Late Neoproterozoic through Early Cambrian)
- TN Tokoro-Nemuro terrane (Island arc) (Late Cretaceous through Paleogene)
- TO Tannuola subterrane (Island arc) (Cambrian and older?)
- TR Terpeniy terrane (Island arc) (Late Cretaceous)
- TT Tetlen-Kitat terrane (Island-arc) (Neoproterozoic through Devonian)
- TU Tunka terrane (Island arc) (Ordovician? and Silurian?)
- TY Tynda terrane (Tonalite-trondhjemite-gneiss) (Archean and Paleoproterozoic)
- TZ Tumanshet terrane (Paragneiss) (Proterozoic)
- UB Ulsya-Bom terrane (Continental margin turbidite) (Late Triassic and Early Jurassic)
- UC Ulua-Chergа terrane (Island arc) (Cambrian)
- UK Urik-Iya terrane (Greenschist) (Proterozoic)
- UL Ulmen-Lebed terrane (Island arc) (Cambrian through Ordovician)
- UN Uliran terrane (Continental margin turbidite) (Late Triassic through Middle Jurassic)
- UO Uluga terrane (Island arc) (Early Cambrian)
- UR Urmi terrane (Passive continental margin) (Archean through Middle Triassic)
- VS Voznesenka terrane (Passive continental margin) (Cambrian through Permian)
- WAD West Aldan terrane (Granite-greenstone) (Archean)
- WAG West Angara terrane (Passive continental margin) (Neoproterozoic)
- WB Walzungel-Baaran terrane (Island arc) (Ordovician through Permian)
- WD Wundumiao terrane (Accretionary wedge, type B) (Mesoproterozoic through Middle Ordovician)
- WSA West Sakhalin terrane (Accretionary wedge, type A) (Cretaceous)
- WST West Stanovoy terrane (Metamorphic) (Archean through Neoproterozoic)
- WSY West Sayan terrane (Continental margin turbidite) (Late Neoproterozoic through Devonian)
- XC Xichangjing terrane (Metamorphic) (Proterozoic)
- YN Yenisey terrane (Paragneiss) (Paleoproterozoic?)
- ZA Zavhan terrane (Continental margin arc) (Late Neoproterozoic)
- ZN Zhangguangcailing supertERRANE (Continental margin arc) (Neoproterozoic through Devonian)
- ZO Zoolen terrane (Accretionary wedge, type B) (Ordovician?) and Devonian)
- ZRA Zhuravlevsk-Amur River terrane (Continental margin turbidite) (Late Jurassic and Early Cretaceous)

**Overlap Assemblages**

- ab Absinsk plateau basalt (Early and Middle Triassic)
- ad Adycha intermountain sedimentary basin (Miocene and Pliocene)
- ag Agul (Rybinsk) molasse basin (Middle Devonian to Early Carboniferous)
- aga Argun sedimentary basin (Early Paleozoic)
- ak Akitkan volcanic-plutonic belt (Paleoproterozoic)
- al Altai volcanic-plutonic belt (Devonian and Early Carboniferous)
- am Altai-Mongolia intermontane basin (Paleogene, Neogene, and Quaternary)
- as Altai-Sayan back-arc basin (Vendian and Cambrian)
- ay Alashan-Yinshan plutonic belt (Proterozoic)
- az Amur-Zeya sedimentary basin (Late Jurassic to Quaternary)
- ba Biya sedimentary basin (Cambrian and Ordovician)
- bk Baikal sedimentary-volcanic rift basin (Oligocene through Quaternary)
- bl Belokurikha plutonic belt (Late Permian through Early Jurassic) (Altai, Mongolia, China)
- bu Bureya sedimentary basin (Early Jurassic to Early Cretaceous)
- bv Barguzin-Vitim granitoid belt (Late Carboniferous)
- bw Beilianshan-Waizunger sedimentary basin (Carboniferous through Permian)
- ca Central Asian plateau basalt belt (Neogene and Quaternary)
- cc Chokhchur-Chekurdakh granite belt (Cretaceous)
- cha Choson sedimentary basin (Cambrian and Ordovician)
- cuk Udokan basin of Chara-Uchur rift system (Paleoproterozoic)
- cug Uguy basin of Chara-Uchur rift system (Paleoproterozoic)
- db Daebu granite belt (Jurassic)
- dma Damaoqi sedimentary basin (Cenozoic)
- dxs Daxingalling sedimentary overlap assemblage (Carboniferous through Permian)
- dz Dzugdzur anorthositic belt (Paleoproterozoic)
- ea Eurasia oceanic basin (Cenozoic)
- ed Erdousi sedimentary basin (Triassic through Cretaceous)
- ej East Jilin plutonic belt (Silurian)
- el Erlian sedimentary basin (Late Jurassic through Quaternary)
- es East Sikhote-Alin volcanic-plutonic belt (Late Cretaceous through Miocene)
- et East Tuva back-arc basin (Late Neoproterozoic and Cambrian)
- fh Fenhe sedimentary basin (Cenozoic)
- ga Gazimur sedimentary basin (Late Neoproterozoic through Early Ordovician)
- gh Gobi-Khankaisk-Daxinganling volcanic-plutonic belt (Permian)
- gj Great Lakes sedimentary basin (Jurassic and Cretaceous)
- ha Hasan–Amurian volcanic-plutonic belt (Paleocene to Early Miocene)
- hb Huvsgol-Bokson sedimentary overlap assemblage (Late Neoproterozoic through Middle Cambrian)
- hg Hangay plutonic belt (Late Carboniferous and Early Permian)
- hi Hiroshima granitic plutonic belt (Cretaceous and Paleogene)
- ht Hailar-Tamsag sedimentary basin (Late Jurassic and Cretaceous)
- hr Kharinsk granitic assemblage (Triassic)
- ht Hutuo rift basin (Paleoproterozoic)
- hx Hexizoulang sedimentary basin (Jurassic through Cenozoic)
- ib Izu-Bonin volcanic belt (Miocene through Quaternary)
- jb Japan basin (Neogene-Quaternary)
- jh Jihei volcanic and plutonic belt (Mesozoic)
- jj Jihei plutonic belt (Permian)
- jl Jilin-Liaoning-East Shandong volcanic-plutonic belt (Late Jurassic and Cretaceous)
- jn Japan Neogene sedimentary basin (Neogene)
- jq Japan Quaternary sedimentary basin (Quaternary)
- js Jasong volcanic belt (Jurassic)
- jsb Japan sedimentary basin (Mesozoic)
- jv Japan volcanic belt (Quaternary)
- kb Kalba-Narym plutonic belt (Late Carboniferous through Early Triassic)
- kbu Khanka-Bureya granitic belt (Ordovician and Silurian)
- kd Kodar granitic belt (Paleoproterozoic)
- kh Khmelev back-arc basin (Devonian and Carboniferous)
- kha Khenchik-Sidigkhem basin (Middle Cambrian through Silurian)
- kni Konino-Nimelen sedimentary basin (Neogene and Quaternary)
- ko Khingan-Okhotsk volcanic-plutonic belt (Cretaceous)
- kr Kara granitic belt (Late Carboniferous and Early Permian)
- ksh Kara Sea shelf sedimentary basin (Cambrian through Permian)
- kt Kolyvan-Tom back-arc basin (Devonian to Permian)
- ktb Khungan-Tatibi granitic belt (Middle Cretaceous)
- ky Kyongsang sedimentary basin (Early Cretaceous)
- kz Kuznetsk orogenic basin (Devonian to Early Triassic)
- la Laptev Sea continental slope (Late Cretaceous through Oligocene)
- lb Lower Borja fore-arc basin (Early Carboniferous through Early Triassic)
- lch Lenivaya-Chelyuskin sedimentary basin (Vendian through Carboniferous)
- ldp Liaodong plutonic belt (Triassic)
- lg Lugyngol volcanic-sedimentary basin (Permian)
- ly Laiyang volcanic -sedimentary basin (Cretaceous)
- ma Maina sedimentary basin (Late Neoproterozoic through Middle Cambrian)
- mb Main granite belt (Late Jurassic)
- mn Minusa molasse basin (Middle Devonian through Early Permian)
- mr Moma rift sedimentary basin (Miocene and Pliocene)
- mt Mongol-Transbaikal volcanic-plutonic belt (Late Triassic through Early Cretaceous)
- nm North marginal plutonic belt of North China Platform (Carboniferous and Permian)
- np North Tarimu plutonic belt (Permian)
- nr Nohi rhyolite volcanic belt (Cretaceous)
- nw Northern, Eastern, and Western Siberia sedimentary basins (Mesozoic and Cenozoic)
- ob Okhota sedimentary basin (Late Eocene through Miocene)
- oc Okhotsk-Chukotka volcanic-plutonic belt (late Early Cretaceous, Late Cretaceous, and Paleocene)
- os Offshore sedimentary assemblages (Mainly Cenozoic)
- pb Pacific Ocean basin (Cretaceous through Cenozoic)
- pk Post-amalgamation assemblages of the Kolyma-Omolon superterrane - Uyandina/Yasachnaya volcanic belt and Ilin'Tas back arc basin (Late Jurassic)
- pl Primorsk lowland and Laptev sea shelf sedimentary basin (Pliocene through Holocene
- pp Popigay astroblem (Late Eocene)
- sa Sayan collisional granitic belt (Paleoproteroterozoic?)
- sab South Aldan sedimentary basin (Jurassic)
- sal South Altai back-arc basin (Middle Devonian through Early Carboniferous)
- se Selenga sedimentary-volcanic plutonic belt (Permian through Jurassic)
- sg Sinegorsk volcanic-plutonic assemblage (Devonian and Mississippian)
- sgg Sharaggalne sedimentary basin (Cenozoic)
- sj Sanjiang sedimentary basin and Yishu graben (Mesozoic and Cenozoic)
- sh Shikoku back arc basin (Neogene and Quaternary)
- sk South Sakhalin sedimentary basin (Cenozoic)
- skc Sino-Korea platform sedimentary cover (Proterozoic through Triassic)
- SKJ Sedimentary basin of Laptev Sea shelf (Early Cretaceous through Cenozoic)
- sl East Shanlong-East Liaoning-East Jilin rift basin (Paleoproterozoic)
- sm South Mongolian volcanic-plutonic belt (Middle Carboniferous through Late Triassic)
- snw Sangwon sedimentary basin (Proterozoic)
- sol Songliao sedimentary basin (Jurassic through Cenozoic)
- ss South Siberian volcanic-plutonic belt (Early Devonian)
- st Stanovoy granite belt (Jurassic and Early Cretaceous)
- ta Tatarka-Ayakhta collisional granitic belt (Neoproterozoic)
- tbr Tyrma-Burenok granitic assemblage (Permian)
- tg Tamirgol sedimentary basin (Permian)
- te Tes volcanic-plutonic belt (Devonian through Late Triassic?)
- tk Tas-Kystatyi magmatic belt (Jurassic)
- tl Telmen plutonic belt (Middle Cambrian through Early Ordovician)
- tn Tannuola plutonic belt (Cambrian and Ordovician)
- to Torom sedimentary basin (Late Triassic through Early Cretaceous)
- tr Taraka collisional granitic belt (Paleoproterozoic)
- trb Trans-Baikalian-Daxinganling sedimentary-volcanic-plutonic belt (Middle Jurassic through Early Cretaceous)
- tup Tungus plateau basalt, sills, dikes, and intrusions (Permian and Triassic) - Plutonic-rich part
- tuv Tungus plateau basalt, sills, dikes, and intrusions (Permian and Triassic) - Volcanic-rich part
- tv Tuva molasse basin (Middle Devonian through Late Carboniferous)
- ua Upper Angara carbonate sedimentary basin (Late Neoproterozoic through Middle Cambrian)
- ub Upper Borja marine molasse basin (Early Jurassic)
- ubn Ubsunnaya granite- syenite belt (Early Triassic)
- ud Uda volcanic-plutonic belt (Late Jurassic and Early Cretaceous)
- ul Ulkan plutonic belt (Paleoproterozoic)
- uo Umlekam-Ojodzhin volcanic-plutonic belt (Cretaceous)
- us Ussuri sedimentary assemblage (Early Cretaceous through Quaternary)
- voh Vorogovka-Chapa basin (Late Neoproterozoic through Cambrian?)
- vl Vladivostok sedimentary and magmatic assemblage (Permian)
- vz VerKhoyazeya sedimentary basin (Cenozoic)
- wsa West Sakhalin sedimentary basin (Paleocene through Quaternary)
- xa Xinjiang-Altai plutonic belt (Silurian)
- yc Yong-li sedimentary basin (Late Cretaceous)
- yj Yanji-Jixi-Raohe overlap sedimentary assemblage (Mesozoic and Cenozoic)
- yl Yanliao volcanic-sedimentary basin and plutonic belt (Jurassic through Cretaceous)
- ys Yinshan volcanic-sedimentary basin (Jurassic through Cretaceous)
- zbl Zhangbei-Bayan Obo–Langshan metasedimentary and metavolcanic rock unit (Paleoproterozoic and Mesoproterozoic)
- zg Zhangguangcailing plutonic belt (Early Silurian through Late Ordovician)
- zh Zag-Hanna turbidite basin (Middle Cambrian through Early Ordovician)
- zhs Zhangguangcailing sedimentary overlap assemblage (Paleozoic)
- zr Zyryanka sedimentary basin (Late Jurassic through Cenozoic)
- zs Zhangguangcailiang sedimentary overlap assemblage (Mesozoic)

**Cratons and Craton Margins**

- NAC North Asian Craton (Archean through Mesozoic)
- NAE North Asian Craton Margin (Angara fold and thrust belt) (Late Neoproterozoic through Cambrian)
- NAP North Asian Craton Margin Patom-Baikal fold and thrust belt (Passive continental margin) (Mesoproterozoic and Neoproterozoic)
- NAV North Asian Craton Margin - Verkhoyansk fold and thrust belt (Passive continental margin) (Carboniferous through Middle Jurassic)
- NAT North Asian Craton Margin - South-Taimyr fold belt (Passive continental margin) (Ordovician through Triassic)
- SCG South China (Yangzi) Craton - Gyenggi terrane (Granulite-paragneiss) (Mesoproterozoic and Neoproterozoic and older)
- SCJ South China (Yangzi) Craton - Jilin-Liaonan Ultra-High Pressure terrane (Metamorphic) (Paleoproterozoic)
- SKA Sino-Korean Craton - Alashan terrane (Granulite-paragneiss) (Paleoproterozoic)
- SKE Sino-Korean Craton - Erdousi terrane (Granulite-paragneiss) (Archean)
- SKJ Sino-Korean Craton - Jilin-Liaoning-East Shandong terrane (Tonalite-trondhjemite-gneiss) (Archean)
- SKL Sino-Korean Craton - West Liaoning-Hebei-Shanxi terrane (Granulite-orthogneiss) (Archean)
- SKM Sino-Korean Craton - Machollyong terrane (Granulite-paragneiss) (Archean to Paleoproterozoic)
- SKR Sino-Korean Craton - Rangnim terrane (Granulite-paragneiss) (Archean)
- SKYE Sino-Korean Craton - Yeongnam terrane (Granulite-paragneiss) (Late Archean to Paleoproterozoic)
- SKYS Sino-Korean Craton - Yinshan terrane (Granite-greenstone) (Archean)

**Major Melange Zones**

- am Amga tectonic melange zone
- kl Kalar tectonic melange zone
- klk Kolyukan tectonic melange zone
- tr Tyrkanda tectonic melange zone