

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
H	52	1	Shika	Ag-Sbvein	Sb
H	52	2	Yamagano	Au-Ag epithermal vein	Au
H	52	3	Kushikino	Au-Ag epithermal vein	Au,Ag
H	52	4	Suzuyama	Sn-W greisen, stockwork, and quartz vein	Sn
H	52	5	Akeshi	Au-Ag epithermal vein	Au,Ag
H	52	6	Iwato	Au-Ag epithermal vein	Au,Ag
H	52	7	Kasuga	Au-Ag epithermal vein	Au,Ag
H	52	8	Nitta-Yakushima	W-Mo-Be greisen, stockwork, and quartz vein	W
I	52	1	Kyeongju	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Mo
I	52	2	Ulsan	Fe skarn	Fe
I	52	3	Darak	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn
I	52	4	Wolak	W-Mo-Be greisen, stockwork, and quartz vein	W,Mo
I	52	5	Sasagatani	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu,Zn
I	52	6	Donggok	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn
I	52	7	Yanggudong	Cu-Ag vein	Cu,Pb, Zn
I	52	8	Gwymyeong	Polymetallic(Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Pb,Zn
I	52	9	Cheolma	Au in shear zone and quartz vein	Au,Ag
I	52	10	Mulkum	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Fe
I	52	11	Dongbogwang	W-Mo-Be greisen, stockwork, and quartz vein	W
I	52	12	Yongho	Cu-Ag vein	Cu
I	52	13	Dongjin	Au in shear zone and quartz vein	Au,Ag
I	52	14	Masan	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Cu,Pb,Zn
I	52	15	Kuryong	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Fe,Cu
I	52	16	Jinju	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn
I	52	17	Haman-Gunpuk	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Cu,Pb,Zn
I	52	18	Sannae	Ni-Co arsenide vein	Ni,Co
I	52	19	Yungchang 1	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Cu,Pb, Zn
I	52	20	Goseong	Cu-Ag vein	Cu,Au,Ag
I	52	21	Koksung	Metamorphic graphite	Graphite
I	52	22	Tongyoung	Au in shear zone and quartz vein	Au,Ag
I	52	23	Samdong	Porphyry Mo (\pm W, Sn, Bi)	Mo,Cu
I	52	24	Taishu	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Zn,Pb
I	52	25	Hoshino	Au-Ag epithermal vein	Au
I	52	26	Taio	Au-Ag epithermal vein	Au,Ag
I	52	27	Hoei	Sn skarn	Sn
I	52	28	Shinkiura	Sn skarn	Sn
I	52	29	Obira	Cassiterite-sulfide-silicate vein and stockwork	Sn,As

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Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
1	Outer Zone Southwest Japan	OSJ	31°53'13"	131° 10' 32.10"
2	Kyushu	Kus	31°54'13"	130° 37' 14.01"
3	Kyushu	Kus	31°44'34"	130° 17' 49.35"
4	Outer Zone Southwest Japan	OSJ	31°28'54"	130° 26' 16.59"
5	Kyushu	Kus	31°18'16"	130° 22' 42.36"
6	Kyushu	Kus	31°15'21"	130° 20' 15.97"
7	Kyushu	Kus	31°15'1"	130° 14' 38.74"
8	Outer Zone Southwest Japan	OSJ	30°19'27"	130° 37' 36.15"
1	Gyeongpuk	GP	35°48'50"	129° 22' 45.55"
2	Gyeongnam	GN	35°37'21"	129° 1' 43.82"
3	Gyeongpuk	GP	35°52'4"	128° 12' 0.76"
4	Wolak	WO	35°50'21"	128° 7' 49.28"
5	Inner Zone Southwest Japan	ISJ	34°31'31"	131° 44' 23.14"
6	Gyeongnam	GN	35°34'22"	128° 34' 49.00"
7	Gyeongnam	GN	35°27'11"	128° 39' 36.12"
8	Gyeongnam	GN	35°23'17"	128° 43' 13.32"
9	Gyeongnam	GN	35°13'24"	129° 11' 45.71"
10	Gyeongnam	GN	35°17'24"	128° 57' 49.81"
11	Gyeongnam	GN	35°10'23"	129° 0' 7.64"
12	Gyeongnam	GN	35°6'40"	129° 7' 19.01"
13	Sannae	SA	35°42'20"	127° 18' 45.80"
14	Gyeongnam	GN	35°13'20"	128° 35' 0.86"
15	Gyeongnam	GN	35°7'18"	128° 37' 45.88"
16	Gyeongnam	GN	35°13'24"	128° 17' 20.84"
17	Gyeongnam	GN	35°9'56"	128° 23' 45.37"
18	Sannae	SA	35°25'24"	127° 33' 49.72"
19	Gyeongnam	GN	35°4'18"	128° 27' 19.54"
20	Gyeongnam	GN	34°58'24"	128° 13' 46.06"
21	Koksung	KO	35°12'19"	127° 21' 51.41"
22	Gyeongnam	GN	34°49'21"	128° 25' 43.25"
23	Gyeongnam	GN	34°46'24"	128° 4' 49.32"
24	Hokuriku-Sanin	Hok	34°12'42"	129° 13' 1.13"
25	Kyushu	Kus	33°12'45"	130° 48' 38.79"
26	Kyushu	Kus	33°6'44"	130° 52' 35.71"
27	Outer Zone Southwest Japan	OSJ	32°52'43"	131° 27' 25.64"
28	Outer Zone Southwest Japan	OSJ	32°48'4"	131° 32' 57.59"
29	Outer Zone Southwest Japan	OSJ	32°48'40"	131° 23' 32.90"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
I	52	30	Mitate	Sn skarn	Sn
I	52	31	Toroku	Sn skarn	Sn,As
I	52	32	Makimine	Besshi Cu-Zn-Ag massive sulfide	Cu
I	52	33	Akimoto	Volcanogenic-sedimentary Mn	Mn
I	52	34	Miyazaki-Matsuo	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	As
I	52	35	Saeki district	Volcanogenic-sedimentary Mn	Mn
I	52	37	Fuke	Au-Ag epithermal vein	Au,Ag
I	52	38	Ohkuchi	Au-Ag epithermal vein	Au,Ag
I	52	39	Hishikari	Au-Ag epithermal vein	Au,Ag
I	53	1	Hamayokokawa	Volcanogenic-sedimentary Mn	Mn
I	53	2	Nakatatsu	Zn-Pb (Ag, Cu, W) skarn	Zn,Ag, Pb
I	53	3	Hiraiwa-Sasabora	Fluorspar vein	F
I	53	4	Higashimino district	Volcanogenic-sedimentary Mn	Mn
I	53	5	Nishimino district	Volcanogenic-sedimentary Mn	Mn
I	53	6		Number 6 not used	
I	53	7	Kune	Besshi Cu-Zn-Ag massive sulfide	Cu
I	53	8	Minenosawa	Besshi Cu-Zn-Ag massive sulfide	Cu,Zn, Au,
I	53	9	Kitatamba district	Volcanogenic-sedimentary Mn	Mn
I	53	10	Yaei	Volcanogenic-sedimentary Mn	Mn
I	53	11	Tamba district	Volcanogenic-sedimentary Mn	Mn
I	53	12	Kaneuchi	W-Mo-Be greisen, stockwork, and quartz vein	W
I	53	13	Tonoda district	Volcanogenic-sedimentary Mn	Mn
I	53	14	Iwami	Au-Ag epithermal vein	Cu
I	53	15	Nakase	Ag-Sb vein	Sb,Au, Ag
I	53	16	Otani	W-Mo-Be greisen, stockwork, and quartz vein	W,Cu, Sn
I	53	17	Akenobe	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Zn,Cu, Sn
I	53	18	Ikuno	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Ag,Au, Cu,
I	53	19	Ningyotoge	Clastic-sediment-hosted U	U
I	53	20	Yamatosuigin	Hg-Sb-W vein and stockwork	Hg
I	53	21	Kamio	Volcanic-hosted Hg.	Hg
I	53	22	Yanahara	Besshi Cu-Zn-Ag massive sulfide	Pyrite
I	53	23	Daito	W-Mo-Be greisen, stockwork, and quartz vein	Mo
I	53	24	Seikyu	Porphyry Mo (\pm W, Sn, Bi)	Mo
I	53	25	Niu	Hg-Sb-W vein and stockwork	Hg
I	53	26	Wakamatsu	Podiform chromite	Cr
I	53	27	Hirose	Podiform chromite	Cr
I	53	28	Komaki	W-Mo-Be greisen, stockwork, and quartz vein	Mo

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
30	Outer Zone Southwest Japan	OSJ	32°45'50"	131° 28' 39.47"
31	Outer Zone Southwest Japan	OSJ	32°16'53"	131° 21' 30.84"
32	Sambagawa-Chichibu-Shimanto	SCS	32°36'48"	131° 27' 6.31"
33	Sambagawa-Chichibu-Shimanto	SCS	32°39'31"	131° 18' 6.38"
34	Outer Zone Southwest Japan	OSJ	32°23'13"	130° 48' 43.02"
35	Sambagawa-Chichibu-Shimanto	SCS	33°1'45"	131° 53' 55.86"
37	Kyushu	Kus	32°9'38"	130° 36' 13.65"
38	Kyushu	Kus	32°5'9"	130° 37' 25.77"
39	Kyushu	Kus	31°59'44"	130° 40' 40.89"
1	Mino-Tamba-Chugoku	MTC	35°57'50"	137° 53' 39.98"
2	Inner Zone Southwest Japan	ISJ	35°51'41"	136° 34' 15.32"
3	Inner Zone Southwest Japan	ISJ	35°38'20"	137° 4' 52.79"
4	Mino-Tamba-Chugoku	MTC	35°33'3"	136° 49' 9.99"
5	Mino-Tamba-Chugoku	MTC	35°35'39"	136° 34' 4.39"
6				
7	Sambagawa-Chichibu-Shimanto	SCS	35°4'27"	137° 49' 41.96"
8	Sambagawa-Chichibu-Shimanto	SCS	34°59'15"	137° 50' 27.17"
9	Mino-Tamba-Chugoku	MTC	35°12'21"	135° 48' 40.72"
10	Mino-Tamba-Chugoku	MTC	34°59'28"	136° 22' 19.01"
11	Mino-Tamba-Chugoku	MTC	35°9'24"	135° 44' 36.43"
12	Inner Zone Southwest Japan	ISJ	35°13'15"	135° 24' 7.83"
13	Mino-Tamba-Chugoku	MTC	35°7'19"	135° 32' 40.24"
14	Hokuriku-Sanin	Hok	35°30'52"	134° 21' 53.42"
15	Hokuriku-Sanin	Hok	35°20'57"	134° 36' 54.07"
16	Inner Zone Southwest Japan	ISJ	35°1'24"	135° 31' 16.57"
17	Inner Zone Southwest Japan	ISJ	35°15'25"	134° 40' 5.95"
18	Inner Zone Southwest Japan	ISJ	35°9'35"	134° 49' 8.51"
19	Hokuriku-Sanin	Hok	35°18'8"	133° 55' 49.62"
20	Outer Zone Southwest Japan	OSJ	34°29'48"	135° 59' 0.51"
21	Outer Zone Southwest Japan	OSJ	34°25'12"	135° 57' 49.32"
22	Mino-Tamba-Chugoku	MTC	34°57'23"	134° 4' 2.47"
23	Inner Zone Southwest Japan	ISJ	35°18'23"	132° 56' 2.70"
24	Inner Zone Southwest Japan	ISJ	35°15'30"	133° 1' 23.83"
25	Outer Zone Southwest Japan	OSJ	34°20'28"	135° 29' 23.36"
26	Mino-Tamba-Chugoku	MTC	35°6'19"	133° 14' 29.84"
27	Mino-Tamba-Chugoku	MTC	35°2'33"	133° 10' 24.57"
28	Inner Zone Southwest Japan	ISJ	35°5'51"	133° 0' 33.29"

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Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
I	53	29	Iimori	Besshi Cu-Zn-Ag massive sulfide	Cu
I	53	30	Yoshioka	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Cu,Ag
I	53	31	Omori	Au-Ag epithermal vein	Ag,Au
I	53	32	Obie	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Cu,Ag
I	53	33	Kishu	Au-Ag epithermal vein	Ag,Au, Cu
I	53	34	Myoho	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Cu
I	53	35	Higashiyama	Besshi Cu-Zn-Ag massive sulfide	Cu,Pyrite
I	53	36	Kootsu	Besshi Cu-Zn-Ag massive sulfide	Cu,Pyrite
I	53	37	Sazare	Besshi Cu-Zn-Ag massive sulfide	Cu
I	53	38	Shirataki	Besshi Cu-Zn-Ag massive sulfide	Cu,Pyrite
I	53	39	Besshi	Besshi Cu-Zn-Ag massive sulfide	Cu,Au, Ag
I	53	40	Ichinokawa	Clastic-sediment-hosted Sb-Au	Sb
I	53	41	Kawayama	Besshi Cu-Zn-Ag massive sulfide	Cu,Zn, Ag,
I	53	42	Ananai district	Volcanogenic-sedimentary Mn	Mn
I	53	43	Kuga	W \pm Mo \pm Be skarn	W
I	53	44	Fujigatani	W \pm Mo \pm Be skarn	W
I	53	45	Iwakuni district	Volcanogenic-sedimentary Mn	Mn
I	53	46	Okuki	Cyprus Cu-Zn massive sulfide	Cu
I	53	47	Uwajima district	Volcanogenic-sedimentary Mn	Mn
I	53	48	Fujinokawa	Ag-Sb vein	Sb
I	54	1	Takara	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn,Cu
I	54	2	Seikoshi	Au-Ag epithermal vein	Ag,Au
I	54	3	Mochikoshi	Au-Ag epithermal vein	Au,Ag
I	54	4	Toi	Au-Ag epithermal vein	Au,Ag
J	49	1	Yixingzai, Fanshi, Shanxi Province	Volcanic-hosted Au-base-metal metasomatite	Au
J	49	2	Baizhiyan, Shanxi Province	Banded iron formation (BIF, Algoma Fe)	Fe
J	49	3	Jingangkou, Shanxi Province	Banded iron formation (BIF, Algoma Fe)	S
J	49	4		Number 4 not used	
J	49	5	Tianqiao, Baode County, Shanxi Province	Sedimentary bauxite	Al
J	49	6	Hulishan, Shanxi Province	Au in shear zone and quartz vein	Au
J	49	7	Baiquan, Yangquan, Shanxi Province	Sedimentary bauxite	Al
J	49	8	Taihuishi, Yangquan County, Shanxi Province	Sedimentary bauxite	Al

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Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
29	Sambagawa-Chichibu-Shimanto	SCS	34°14'12"	135° 26' 1.21"
30	Inner Zone Southwest Japan	ISJ	34°50'55"	133° 27' 14.55"
31	Hokuriku-Sanin	Hok	35°9'16"	132° 26' 16.21"
32	Inner Zone Southwest Japan	ISJ	34°35'33"	133° 47' 55.40"
33	Outer Zone Southwest Japan	OSJ	33°51'34"	135° 54' 40.90"
34	Outer Zone Southwest Japan	OSJ	33°38'40"	135° 48' 48.57"
35	Sambagawa-Chichibu-Shimanto	SCS	34°0'52"	134° 19' 17.19"
36	Sambagawa-Chichibu-Shimanto	SCS	34°0'49"	134° 13' 7.23"
37	Sambagawa-Chichibu-Shimanto	SCS	33°52'55"	133° 33' 11.60"
38	Sambagawa-Chichibu-Shimanto	SCS	33°48'54"	133° 28' 16.45"
39	Sambagawa-Chichibu-Shimanto	SCS	33°51'51"	133° 18' 46.87"
40	Outer Zone Southwest Japan	OSJ	33°52'26"	133° 12' 37.78"
41	Mino-Tamba-Chugoku	MTC	34°14'59"	132° 0' 16.15"
42	Sambagawa-Chichibu-Shimanto	SCS	33°40'33"	133° 37' 5.06"
43	Inner Zone Southwest Japan	ISJ	34°10'54"	132° 0' 32.63"
44	Inner Zone Southwest Japan	ISJ	34°8'53"	132° 1' 56.62"
45	Mino-Tamba-Chugoku	MTC	34°5'46"	132° 5' 14.32"
46	Sambagawa-Chichibu-Shimanto	SCS	33°29'55"	132° 38' 55.03"
47	Sambagawa-Chichibu-Shimanto	SCS	33°20'1"	132° 30' 15.60"
48	Outer Zone Southwest Japan	OSJ	33°7'41"	132° 50' 33.00"
1	North East Japan	NEJ	35°33'49"	138° 49' 37.40"
2	Northeast Japan	NEJ	34°55'31"	138° 49' 50.81"
3	North East Japan	NEJ	34°53'3"	138° 45' 23.68"
4	North East Japan	NEJ	34°51'47"	138° 53' 15.43"
1	Yanliao	YL-1	39°21'38"	113° 48' 2.43"
2	Wutai	WT	39°4'31"	113° 46' 8.55"
3	Wutai	WT	38°59'24"	113° 48' 8.39"
4				
5	Shanxi	SX	39°6'39"	111° 14' 36.19"
6	Luliangshan	LL	38°27'25"	112° 28' 5.03"
7	Shanxi	SX	38°0'19"	113° 42' 14.41"
8	Shanxi	SX	37°56'18"	113° 41' 16.76"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
J	49	9	Qianmuping, Yangquan County, Shanxi Province	Sedimentary bauxite	Al
J	49	10	Guopanliang, Baode County, Shanxi Province	Sedimentary bauxite	Al
J	49	11	Taiyuan, Shanxi Province	Evaporate sedimentary gypsum	Gypsum
J	49	12	Yuanjiachun, Shanxi Province	Banded iron formation (BIF, Superior Fe)	Fe
J	49	13	Sitou, Shaxi Province	Banded iron formation (BIF, Superior Fe)	Fe
J	49	14	Lingshi, Shanxi Province	Evaporate sedimentary gypsum	gypsum
J	49	15	Shigong, Xiaoyi, Shanxi Province	Sedimentary bauxite	Al
J	49	16	Xiangwang, Xiaoyi, Shanxi Province	Sedimentary bauxite	Al
J	49	17	Re'er, Shanxi Province	Sedimentary bauxite	Al
J	49	18	Xihedi, Xiaoyi, Shanxi Province	Sedimentary bauxite	Al
J	49	19	Duchun, Xiaoyi, Shanxi Province	Sedimentary bauxite	Al
J	49	20	Yangjiashan, Lishi County, Shanxi Province	Sedimentary bauxite	Al
J	49	21	Xiangyi, Jiaokou County, Shanxi Province	Sedimentary bauxite	Al
J	49	22	Shanyangping, Daixian County, Shanxi Province	Banded iron formation (BIF, Algoma Fe)	Fe
J	50	1	Sijiaying, Hebei Province		Fe
J	50	2	Dawan, Laiyuan County, Hebei Province	Porphyry Cu-Mo (\pm Au, Ag)	Mo
J	50	3	Pingxingguan, Shanxi Province	Banded iron formation (BIF, Algoma Fe)	Fe
J	50	4	Tuling-Shihü, Lishou, Hebei Province	Granitoid-related Au vein	Au
J	50	5	Jinling, Shandong Province	Fe-Zn skarn	Fe
J	50	6	Zihe (Heiwan), Shandong Province	Fe skarn	Fe
J	50	7	Zibe, Shandong Province	Sedimentary bauxite	Al
J	50	8	Xishimen, Wuan, Hebei Province	Fe skarn	Fe
J	50	9	Yushiwa, Wuan, Hebei Province	Fe skarn	Fe
J	50	10	Xishimen, Wu'an, Hebei Province	Fe skarn	Fe
J	50	11	Zhongguan, Wu'an, Hebei Province	Fe skarn	Fe

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Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
9	Shanxi	SX	37°57'25"	113° 36' 39.00"
10	Shanxi	SX	38°44'33"	111° 10' 24.98"
11	Shanxi	SX	38°1'25"	112° 30' 5.30"
12	Luliangshan	LL	38°14'29"	111° 27' 52.09"
13	Luliangshan	LL	38°2'25"	111° 27' 19.16"
14	Shanxi	SX	37°12'25"	112° 7' 8.63"
15	Shanxi	SX	37°21'20"	111° 28' 41.80"
16	Shanxi	SX	37°19'45"	111° 26' 26.26"
17	Shanxi	SX	37°21'11"	111° 32' 4.86"
18	Shanxi	SX	37°18'42"	111° 32' 40.13"
19	Shanxi	SX	37°16'52"	111° 31' 4.54"
20	Shanxi	SX	37°10'40"	111° 20' 16.02"
21	Shanxi	SX	37°6'19"	111° 20' 10.78"
22	Wutai	WT	39°8'28"	113° 20' 16.49"
1	Jidong	JD	39°39'51"	118° 45' 26.31"
2	Jiliaojiao	JJJ	39°18'0"	115° 7' 42.03"
3	Wutai	WT	39°18'19"	114° 7' 10.20"
4	Yanliao	YL-1	38°39'29"	114° 9' 8.00"
5	Zibe	ZB	36°50'41"	118° 7' 0.89"
6	Zibe	ZB	36°44'0"	118° 13' 6.07"
7	Zibe	ZB	36°44'20"	118° 4' 58.91"
8	Hanxing	HX	36°48'23"	114° 14' 6.52"
9	Hanxing	HX	36°52'33"	114° 13' 55.81"
10	Hanxing	HX	36°57'19"	114° 14' 6.22"
11	Hanxing	HX	36°47'34"	114° 7' 11.57"

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Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
J	51	1	Huatong, Liaoning Province	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu
J	51	2	Fuxian, Liaoning Province	Diamond kimberlite	Diamond
J	51	3	Soyonpyong-do	Mafic-ultramafic related Ti-Fe (V)	Fe,Cr,Ti
J	51	4	Xiangkuang, Shandong Province	Zn-Pb (Ag, Cu, W) skarn	PbZn
J	51	5	Linglong, Shandong Province	Granitoid-related Au vein	Au
J	51	6	Jiehe, Shandong Province	Granitoid-related Au vein	Au
J	51	7	Xincheng, Shandong Province	Granitoid-related Au vein	Au
J	51	8	Jinqingding, Shandong Province	Granitoid-related Au vein	Au
J	51	9	Shilipu, Shandong Province	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Ag
J	51	10	Sanshandao, Shandong Province	Granitoid-related Au vein	Au
J	51	11	Jiaojia, Shandong Province	Granitoid-related Au vein	Au
J	51	12	Nanshu, Shandong Province	Metamorphic graphite	Graphite
J	52	1	Yangyang	Banded iron formation (BIF, Superior Fe)	Fe
J	52	2	Kangwon	Fe skarn	Fe
J	52	3	Hongcheon-Jaun	Polygenic REE-Fe-Nb deposit (Bayan-Obo type)	Fe,SrO
J	52	4	Susuk	Fe skarn	Fe
J	52	5	Seongdong	Fe skarn	Fe
J	52	6	Samchok	Banded iron formation (BIF, Superior Fe)	Fe
J	52	7	Wondong	W \pm Mo \pm Be skarn	W,Fe,Pb.
J	52	8	Dongnam	Fe-Zn skarn	Fe,Mo
J	52	9	Gapyeong	Metamorphic graphite	Graphite
J	52	10	Chulam	Au skarn	Au,Ag
J	52	11	Uirim-Samwon	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Cu,Pb,Zn
J	52	12	Yomisan (Sinyemi)	Zn-Pb (Ag, Cu, W) skarn	Zn,Fe
J	52	13	Soonkyong	Sn-W greisen, stockwork, and quartz vein	Sn
J	52	14	Kumsan	W-Mo-Be greisen, stockwork, and quartz vein	W,Mo
J	52	15	Wangpiri	Sn-W greisen, stockwork, and quartz vein	Sn
J	52	16	Chilbo	W \pm Mo \pm Be skarn	W,Fe
J	52	17	Kumjang	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Cu,Pb,Zn
J	52	18	Eungok	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
1	Jiliaojiao	JLJ	39°55'24"	122° 4' 51.52"
2	East Liaoning	EL	39°39'31"	122° 6' 56.68"
3	Gyeonggi	GA	37°35'55"	125° 42' 53.79"
4	Jiliaojiao	JLJ	37°32'22"	120° 57' 55.80"
5	Jiliaojiao	JLJ	37°35'25"	120° 39' 32.83"
6	Jiliaojiao	JLJ	37°41'47"	120° 20' 5.17"
7	Jiliaojiao	JLJ	37°37'18"	120° 19' 57.32"
8	Jiliaojiao	JLJ	37°4'27"	121° 41' 4.07"
9	Jiliaojiao	JLJ	37°21'25"	120° 47' 6.81"
10	Jiliaojiao	JLJ	37°30'30"	120° 5' 1.41"
11	Jiliaojiao	JLJ	37°20'43"	120° 13' 4.40"
12	Jiliaojiao	JLJ	36°58'39"	120° 44' 6.36"
1	Taebaegsan	Tae	38°4'22"	128° 31' 46.68"
2	Taebaegsan	Tae	37°49'28"	128° 26' 15.49"
3	Taebaegsan	Tae	37°50'49"	128° 0' 44.71"
4	Taebaegsan	Tae	37°43'23"	128° 14' 48.13"
5	Gyeonggi	GA	38°1'24"	127° 17' 6.12"
6	Taebaegsan	Tae	37°21'52"	129° 9' 14.92"
7	Taebaegsan	Tae	37°15'24"	128° 56' 47.41"
8	Taebaegsan	Tae	37°15'60"	128° 47' 19.25"
9	Gyeonggi	GA	37°39'19"	127° 32' 20.32"
10	Taebaegsan	Tae	37°6'52"	129° 3' 46.04"
11	Taebaegsan	Tae	37°14'27"	128° 39' 59.52"
12	Taebaegsan	Tae	37°10'4"	128° 39' 44.86"
13	Taebaegsan	Tae	37°5'1"	128° 50' 49.26"
14	Gyeongpuk	GP	36°55'20"	129° 20' 19.15"
15	Gyeongpuk	GP	36°51'18"	129° 19' 25.37"
16	Gyeonggi	GA	37°25'51"	127° 36' 23.26"
17	Gyeongpuk	GP	36°43'55"	129° 19' 6.53"
18	Eungok	EU	37°0'21"	128° 20' 23.44"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
J	52	19	Daejang	Fe-Zn skarn	Fe,Cu
J	52	20	Bupyoung	Volcanic-hosted Au-base-metal metasomatite	Ag,Pb
J	52	21	Oryu-dong	Metamorphic graphite	Graphite
J	52	22	Youngdeog	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn
J	52	23	Jesamuk	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu,Pb,Zn
J	52	24	Susan	Fe skarn	Fe,Mn
J	52	25	Seojom	Au in shear zone and quartz vein	Au,Ag
J	52	26	Seosan	Banded iron formation (BIF, Superior Fe)	Fe,Cu
J	52	27	Yungchang 2	Ni-Co arsenide vein	Co,Ni
J	52	28	Chilgok	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn
J	52	29	Samkwang	Polymetallic Ni vein	Ni
J	52	30	Kongju	Metamorphic graphite	Graphite
J	52	31	Samgoe-Soryong	Clastic-sediment-hosted U	U
J	53	1	Sennotani	Metamorphic graphite	Graphite
J	53	2	Kamioka Mozumi	Zn-Pb (Ag, Cu, W) skarn	Zn,Pb, Ag
J	53	3	Koshimizu	Metamorphic graphite	Graphite
J	53	4	Kamioka Tochibora	Zn-Pb (Ag, Cu, W) skarn	Zn,Pb, Ag
J	53	5	Amo	Metamorphic graphite	Graphite
J	53	6	Hokuriku	Au-Ag epithermal vein	Cu,Zn, Pb,
J	53	7	Hirase	Porphyry Mo (\pm W, Sn, Bi)	Mo
J	53	8	Bandojima	Cu (\pm Fe, Au, Ag, Mo) skarn	Pb,Zn, Cu
J	54	1	Taro	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Cu,Zn, Pb
J	54	2	Matsuo	Sulfur-sulfide (S, FeS ₂)	S
J	54	3	Yamada district	Volcanogenic-sedimentary Mn	Mn
J	54	4	Ani	Au-Ag epithermal vein	Cu,Au, Ag
J	54	5	Kamaishi	Cu (\pm Fe, Au, Ag, Mo) skarn	Fe,Cu
J	54	6	Arakawa	Au-Ag epithermal vein	Cu
J	54	7	Akagane	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu,Fe, Au
J	54	8	Tsuchihata	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Cu
J	54	9	Washiaimori	Au-Ag epithermal vein	Cu,Ag
J	54	10	Unekura	Au-Ag epithermal vein	Cu
J	54	11	Oya	Granitoid-related Au vein	Au,Ag
J	54	12	Yoshino	Volcanogenic Zn, Pb, Cu massive sulfide (Kuroko, Altai type)	Cu,Ag
J	54	13	Hosokura	Au-Ag epithermal vein	Zn,Pb, Cu
J	54	14	Nagamatsu	Au-Ag epithermal vein	Cu
J	54	15	Koyama	Au-Ag epithermal vein	Au,Ag, Cu

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
19	Gyeongpuk	GP	36°38'24"	129° 22' 42.08"
20	Gyeonggi	GA	37°28'59"	126° 42' 11.66"
21	Gyeonggi	GA	37°26'46"	126° 47' 58.45"
22	Wolak	WO	37°2'27"	127° 58' 10.41"
23	Wolak	WO	36°59'8"	128° 5' 49.86"
24	Wolak	WO	36°55'19"	128° 10' 42.32"
25	Taebaegsan	Tae	36°21'18"	129° 16' 48.05"
26	Chungnam	CN	36°50'20"	126° 15' 45.92"
27	Eungok	EU	36°14'24"	127° 55' 44.51"
28	Gyeongpuk	GP	36°0'22"	128° 35' 44.81"
29	Gyeongpuk	GP	36°7'27"	128° 5' 44.64"
30	Chungnam	CN	36°24'18"	127° 2' 53.17"
31	Chungnam	CN	36°12'21"	127° 25' 49.84"
1	Inner Zone Southwest Japan	ISJ	36°30'60"	137° 19' 41.80"
2	Inner Zone Southwest Japan	ISJ	36°25'5"	137° 17' 9.36"
3	Inner Zone Southwest Japan	ISJ	36°29'44"	137° 1' 30.86"
4	Inner Zone Southwest Japan	ISJ	36°20'30"	137° 18' 40.11"
5	Inner Zone Southwest Japan	ISJ	36°15'27"	137° 1' 28.66"
6	Hokuriku-Sanin	Hok	36°16'53"	136° 32' 24.47"
7	Inner Zone Southwest Japan	ISJ	36°9'33"	136° 54' 29.86"
8	Inner Zone Southwest Japan	ISJ	36°5'5"	136° 24' 33.93"
1	North Kitakami	NK	39°45'6"	141° 55' 33.09"
2	Northeast Japan	NEJ	39°55'39"	140° 55' 44.29"
3	North Kitakami	NK	39°28'33"	141° 51' 29.19"
4	Northeast Japan	NEJ	39°57'37"	140° 1' 42.78"
5	Kitakami	Kit	39°17'28"	141° 44' 24.24"
6	Northeast Japan	NEJ	39°37'25"	140° 24' 45.85"
7	Kitakami	Kit	39°9'55"	141° 20' 25.14"
8	Northeast Japan	NEJ	39°16'56"	140° 45' 46.20"
9	Northeast Japan	NEJ	39°15'13"	140° 48' 12.10"
10	Northeast Japan	NEJ	39°13'28"	140° 50' 49.15"
11	Kitakami	Kit	38°57'42"	141° 31' 24.37"
12	Northeast Japan	NEJ	39°11'37"	140° 35' 48.60"
13	Northeast Japan	NEJ	38°47'45"	140° 53' 33.23"
14	Northeast Japan	NEJ	38°31'17"	140° 8' 28.23"
15	Northeast Japan	NEJ	38°26'26"	140° 13' 7.94"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
J	54	16	Oizumi	Au-Ag epithermal vein	Zn,Pb, Cu
J	54	17	Zao	Sulfur-sulfide (S, FeS ₂)	S
J	54	18	Asahi (Budo)	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Zn,Pb
J	54	19	Yamagata-Yoshino	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Cu,Zn
J	54	20	Yatani	Au-Ag epithermal vein	Zn,Pb, Ag
J	54	21	Numajiri	Sulfur-sulfide (S, FeS ₂)	S
J	54	22	Iide	Zn-Pb (Ag, Cu, W) skarn	Zn,Pb
J	54	23	Takatama	Au-Ag epithermal vein	Au,Ag
J	54	24	Yaguki	Cu (±Fe, Au, Ag, Mo) skarn	Cu,Fe
J	54	25	Sado	Au-Ag epithermal vein	Au,Ag, Cu
J	54	26	Yasou	Au-Ag epithermal vein	Cu
J	54	27	Hitachi	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Cu
J	54	28	Nan'etsu	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Zn,Pb
J	54	29	Tochigi	Au-Ag epithermal vein	Cu
J	54	30	Nebazawa	Au-Ag epithermal vein	Ag,Au
J	54	31	Takatori	W-Mo-Be greisen, stockwork, and quartz vein	W
J	54	32	Ashio	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Cu,Zn, Au,
J	54	33	Awano district	Volcanogenic-sedimentary Mn	Mn
J	54	34	Watarase district	Volcanogenic-sedimentary Mn	Mn
J	54	35	Gumma	Limonite from spring water	Fe
J	54	36	Kusatsu-Shirane district	Sulfur-sulfide (S, FeS ₂)	S
J	54	37	Yonago	Sulfur-sulfide (S, FeS ₂)	S
J	54	38	Chichibu	Zn-Pb (±Ag, Cu, W) skarn	Ag,Au, Zn,
J	54	39	Omine	Cu (±Fe, Au, Ag, Mo) skarn	Cu,Au, Ag
K	47	1	Khatansuudal	Clastic-sediment-hosted Sb-Au	Au
K	47	2	Qiyishan, Inner Mongolia	W±Mo±Be skarn	Rb,W, Sn
K	47	3	East Khatansuudal	Clastic-sediment-hosted Sb-Au	Au
K	47	4	Talynmeltes	Clastic-sediment-hosted Sb-Au	Au
K	47	5	Liusashan, Inner Mongolia	Porphyry Mo (±W, Sn, Bi)	Mo
K	47	6	Guut hudag	Au-Ag epithermal vein	Au
K	48	1	Shuteen	Epithermal quartz-alunite	Au
K	48	2	Khan Bogd	Ta-Nb-REE alkaline metasomatite	Nb,REE
K	48	3	Oyu Tolgoi	Porphyry Cu (±Au)	Cu
K	48	4	Zuun Togoo Uul	Carbonate-hosted Hg-Sb	Sb
K	48	5	Alag tolgoi	Granitoid-related Au vein	Au

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
16	Northeast Japan	NEJ	38°24'7"	139° 43' 20.02"
17	Northeast Japan	NEJ	38°7'45"	140° 24' 30.52"
18	Northeast Japan	NEJ	38°23'47"	139° 33' 13.08"
19	Northeast Japan	NEJ	38°8'34"	140° 11' 30.93"
20	Northeast Japan	NEJ	37°46'1"	140° 0' 40.70"
21	Northeast Japan	NEJ	37°37'8"	140° 17' 32.16"
22	Inner Zone Southwest Japan	ISJ	37°48'12"	139° 30' 55.04"
23	Northeast Japan	NEJ	37°29'55"	140° 17' 4.80"
24	Kitakami	Kit	37°10'40"	140° 54' 24.86"
25	Northeast Japan	NEJ	38°2'1"	138° 15' 33.45"
26	Northeast Japan	NEJ	37°2'52"	139° 39' 7.39"
27	Hitachi	Hit	36°37'7"	140° 35' 47.06"
28	Inner Zone Southwest Japan	ISJ	37°4'4"	139° 2' 59.13"
29	Northeast Japan	NEJ	36°46'3"	139° 48' 37.91"
30	Northeast Japan	NEJ	36°51'26"	139° 19' 21.04"
31	Inner Zone Southwest Japan	ISJ	36°29'19"	140° 16' 34.37"
32	Northeast Japan	NEJ	36°38'7"	139° 24' 52.82"
33	Mino-Tamba-Chugoku	MTC	36°31'27"	139° 31' 33.00"
34	Mino-Tamba-Chugoku	MTC	36°33'34"	139° 19' 59.21"
35	Northeast Japan	NEJ	36°38'32"	138° 35' 23.11"
36	Northeast Japan	NEJ	36°35'9"	138° 32' 1.45"
37	Northeast Japan	NEJ	36°33'32"	138° 24' 26.73"
38	Outer Zone Southwest Japan	OSJ	36°0'25"	138° 48' 28.08"
39	Kitakami	Kit	39°18'27"	141° 37' 51.04"
1	Tomortein Nuruu .	TN	42°53'32"	97° 43' 25"
2	Hartolgoi-sulinheer	HS	42°4'26"	100° 25' 17.87"
3	Tomortein Nuruu	TN	42°53'32"	97° 43' 25.44"
4	Tomortein Nuruu	TN	42°55'29"	96° 32' 28.01"
5	Hartolgoi-Sulinheer	HS	41°27'24"	99° 37' 21.93"
6	Unassigned	-	43°4'41"	100° 4' 55.09"
1	Harmagtai-Hongoot-Oyut	HHO	43°56'22"	107° 38' 10.43"
2	Harmorit-Hanbogd-Lugiingol	HL	43°1'21"	107° 4' 9.28"
3	Tsagaansuvarga	TSS	42°59'34"	106° 51' 43.56"
4	Hartolgoi-Sulinheer	HS	42°33'17"	107° 35' 47.74"
5	Tsagaansuvarga	TSS	42°36'24"	106° 25' 11.39"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
K	48	6	Suhayt	Epithermal quartz-alunite	Au
K	48	7	Khartolgoi	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Ag,Sb
K	48	8	Zurkh	Barite vein	Ag,Pb
K	48	9	Khar morit	Sn-W greisen, stockwork, and quartz vein	Sn,W
K	48	10	Huogeqi, Inner Mongolia	Sedimentary exhalative Pb-Zn (SEDEX)	CuPb Zn
K	48	11		Number 11 not used	
K	48	12	Dongshengmiao, Inner Mongolia	Sedimentary exhalative Pb-Zn (SEDEX)	Zn,Pb,Cu
K	48	13	Tanyaokou, Inner Mongolia	Sedimentary exhalative Pb-Zn (SEDEX)	Zn,Cu
K	49	1	Wenduermiao, Inner Mongolia	Volcanogenic-sedimentary Fe	Fe
K	49	2	Sumochaganaobao, Inner Mongolia	Hydrothermal-sedimentary fluorite	fluorite
K	49	3	Bieluwutu, Inner Mongolia	Volcanogenic-hydrothermal-sedimentary massive sulfide Pb-Zn (\pm Cu)	Cu
K	49	4	Aobaotu, Inner Mongolia	Hydrothermal-sedimentary fluorite	Fluorite
K	49	5	Hadamiao, Inner Mongolia	Granitoid-related Au vein	Au
K	49	6	Tsagaan Suvarga	Porphyry Cu-Mo (\pm Au, Ag)	Cu,Mo
K	49	7	Bainaimiao, Inner Mongolia	Porphyry Cu-Mo (\pm Au, Ag)	Cu
K	49	8	Horgo uul	Sedimentary celestite	Sr
K	49	9	Lugingol	REE (\pm Ta, Nb, Fe) carbonatite	REE
K	49	10	Khoit Barjin	Au-Ag epithermal vein	Au
K	49	11	Saiyinwusu, Inner Mongolia	Granitoid-related Au vein	Au
K	49	12	Sulinheer group	Podiform chromite	Cr
K	49	13	Bayan Obo, Inner Mongolia	PolygenicREE-Fe-Nb deposit (Bayan-Obo type)	REE,Fe, Nb
K	49	14	Sanheming, Inner Mongolia	Banded iron formation (BIF, Algoma Fe)	Fe
K	49	15	Donghuofuang, Inner Mongolia	Alkaline complex-hosted Au	Au
K	49	16	Houshihua, Inner Mongolia	Granitoid-related Au vein	Au
K	49	17	Jiashengpan, Inner Mongolia	Sedimentary exhalative Pb-Zn (SEDEX)	Pb,Zn
K	49	18	Hadamengou, Inner Mongolia	Au potassium metasomatite (Kuranakh type)	Au
K	49	19	Wulashan, Baotou City, Inner Mongolia	Au potassium metasomatite (Kuranakh type)	Au

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
6	Unassigned	-	43°6'23"	102° 53' 15.13"
7	Hartolgoi-Sulinheer	HS	42°7'60"	104° 56' 30.30"
8	Unassigned	-	42°4'46"	104° 51' 59.98"
9	Harmorit-Hanbogd-Lugiingol	HL	42°0'22"	104° 54' 18.49"
10	Langshan-Bayan Obo	LB	41°16'26"	106° 51' 11.86"
11				
12	Langshan-Bayan Obo	LB	41°9'22"	107° 4' 9.17"
13	Langshan-Bayan Obo	LB	40°57'25"	106° 50' 14.81"
1	Bainaimiao	BN	42°29'35"	113° 2' 6.97"
2	Sumochaganaobo	SM	43°4'27"	111° 15' 48.97"
3	Bieluwutu	Blu	42°20'24"	113° 26' 5.96"
4	Sumochaganaobo	SM	43°2'32"	111° 2' 19.50"
5	Wulashan-Zhangbei	WZ	42°6'7"	113° 48' 5.94"
6	Tsagaansuvarga	TSS	43°51'44"	108° 20' 7.48"
7	Bainaimiao	BN	42°17'21"	112° 47' 6.95"
8	Govi-Tamsag	GT	43°40'10"	108° 17' 47.84"
9	Harmorit-Hanbogd-Lugiingol	HL	42°57'22"	108° 3' 11.90"
10	Hartolgoi-Sulinheer	HS	42°40'25"	108° 15' 8.16"
11	Wulashan-Zhangbei	WZ	41°58'30"	110° 5' 21.27"
12	Sulinheer	Sul	42°24'21"	108° 44' 13.34"
13	Langshan-Bayan Obo	LB	41°51'27"	109° 58' 4.56"
14	Yinshan	YS	41°25'20"	110° 57' 9.96"
15	Wulashan-Zhangbei	WZ	40°51'31"	111° 7' 11.90"
16	Wulashan-Zhangbei	WZ	40°46'58"	110° 50' 9.54"
17	Langshan-Bayan Obo	LB	41°13'13"	109° 18' 6.00"
18	Wulashan-Zhangbei	WZ	40°44'36"	109° 38' 20.45"
19	Wulashan-Zhangbei	WZ	40°41'23"	109° 24' 23.65"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
K	50	1	Dajing, Inner Mongolia	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Ag, Sn
K	50	2	Anle, Inner Mongolia	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Sn
K	50	3	Huanggan, Inner Mongolia	Sn skarn	Sn
K	50	4	Aobaoshan, Inner Mongolia	Zn-Pb (Ag, Cu, W) skarn	Pb, Zn
K	50	5	Xiaoyingzi, Inner Mongolia	Zn-Pb (Ag, Cu, W) skarn	Pb, Zn
K	50	6	Dongzi, Inner Mongolia	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Pb, Zn
K	50	7	Guandi, Inner Mongolia	Au-Ag epithermal vein	Ag
K	50	8	Zhuanshanzi, Inner Mongolia	Granitoid-related Au vein	Au
K	50	9	Shaoquoyingzhi, Jianping County, Liaoning Province	Granitoid-related Au vein	Au
K	50	10	Honghuagou, Inner Mongolia	Granitoid-related Au vein	Au
K	50	11	Xiaotazhigou, Liaoning Province	Granitoid-related Au vein	Au
K	50	12	Anjiayingzhi, Inner Mongolia	Granitoid-related Au vein	Au
K	50	13	Reshui, Ningcheng, Inner Mongolia	Granitoid-related Au vein	Au
K	50	14	Xiaojiayingzi, Liaoning Province	W \pm Mo \pm Be skarn	Mo
K	50	15	Xiaokouhuaying, Weichang, Hebei Province	Au-Ag epithermal vein	Ag
K	50	16	Taipinggou, Liaoning Province	Chemical-sedimentary Fe-Mn	Mn
K	50	17	Xiaosigou, Pingquan County, Hebei Province	Porphyry Cu-Mo (\pm Au, Ag)	Cu
K	50	18	Gaositai, Hebei Province	Zoned mafic-ultramafic Cr-PGE	Cr
K	50	19	Baizhangzhi, Liaoning Province	Granitoid-related Au vein	Au
K	50	20	Niujuan, Fengning, Hebei Province	Au-Ag epithermal vein	Ag
K	50	21	Damiao, Hebei Province	Mafic-ultramafic related Ti-Fe (V)	Fe, Ti, V
K	50	22	Luoguoizigou, Hebei Province	Mafic-ultramafic related Ti-Fe (V)	P
K	50	23	Xiazhangzhi, Hebei Province	Au-Ag epithermal vein	Au
K	50	24	Jiaodingshan, Chengde, Hebei Province	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb
K	50	25	Heishan, Hebei Province	Mafic-ultramafic related Ti-Fe (V)	TiFe
K	50	26	Yingfang, Fengning, Hebei Province	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Ag
K	50	27	Yu'erya, Hebei Province	Granitoid-related Au vein	Au

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
1	Daxinganling	DX	43°44'19"	118° 32' 58.36"
2	Daxinganling	DX	43°43'31"	117° 38' 8.97"
3	Daxinganling	DX	43°37'31"	117° 42' 2.54"
4	Daxinganling	DX	42°51'21"	119° 24' 0.47"
5	Daxinganling	DX	42°46'26"	118° 57' 52.64"
6	Daxinganling	DX	42°46'25"	118° 39' 53.10"
7	Daxinganling	DX	42°49'31"	118° 20' 1.96"
8	Yanliao	YL-1	42°19'35"	119° 40' 42.04"
9	Yanliao	YL-1	42°9'28"	119° 16' 5.26"
10	Yanliao	YL-1	42°9'30"	118° 55' 49.24"
11	Yanliao	YL-1	41°51'24"	119° 45' 56.66"
12	Yanliao	YL-1	42°4'18"	118° 48' 16.90"
13	Yanliao	YL-1	42°0'21"	118° 44' 55.61"
14	Yanliao	YL-1	41°28'23"	119° 49' 52.21"
15	Yanliao	YL-1	42°5'29"	117° 39' 4.81"
16	Yanliao	YL-1	41°9'29"	119° 32' 22.99"
17	Yanliao	YL-1	41°2'25"	118° 36' 5.76"
18	Damiao	DM	41°9'24"	118° 10' 5.87"
19	Yanliao	YL-1	40°49'24"	119° 4' 58.94"
20	Yanliao	YL-1	41°21'30"	117° 20' 4.62"
21	Damiao	DM	41°9'22"	117° 53' 12.71"
22	Luoguozigou	LG	41°7'32"	117° 47' 51.03"
23	Yanliao	YL-1	40°27'24"	119° 45' 0.11"
24	Yanliao	YL-1	40°57'25"	118° 14' 55.83"
25	Damiao	DM	41°6'42"	117° 33' 8.94"
26	Yanliao	YL-1	41°24'24"	116° 39' 48.21"
27	Yanliao	YL-1	40°35'49"	118° 50' 31.87"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
K	50	28	Qinglonghe, Qinglong County, Hebei Province	Clastic-sediment-hosted Sb-Au	Au
K	50	29	Miaogou, Hebei Province	Banded iron formation (BIF, Algoma Fe)	Fe
K	50	30	Zhalanzhangzhi, Hebei Province	Banded iron formation (BIF, Algoma Fe)	Fe
K	50	31	Guantangzhi, Hebei Province	Sedimentary exhalative Pb-Zn (SEDEX)	Pyrite
K	50	32	Niuxinshan, Hebei Province	Granitoid-related Au vein	Au
K	50	33	Wanquansi, Chicheng, Hebei Province	Polymetallic (Pb, Zn±Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Ag
K	50	34	Jinchangyu, Hebei Province	Au in shear zone and quartz vein	Au
K	50	35	Shouwangten, Hebei Province	Cu (±Fe, Au, Ag, Mo) skarn	Cu
K	50	36	Caijiaying, Hebei Province	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Pb,Zn
K	50	37	Gaobanhe, Hebei Province	Sedimentary exhalative Pb-Zn (SEDEX)	Pb,Zn
K	50	38	Naobaogou, Wulateqianqi, Inner Mongolia	Alkaline complex-hosted Au	Au
K	50	39	Shuichang, Hebei Province	Banded iron formation (BIF, Algoma Fe)	Fe
K	50	40	Qingyanggou, Hebei Province	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Ag
K	50	41	Fengjiayu, Miyun, Beijing	Banded iron formation (BIF, Algoma Fe)	Fe
K	50	42	Mengjiagou, Hebei Province	Banded iron formation (BIF, Algoma Fe)	Fe
K	50	43	Donjiagou, Beijing	Porphyry Cu-Mo (±Au, Ag)	Mo
K	50	44	Shuijingtun, Chongli County, Hebei Province	Granitoid-related Au vein	Au
K	50	45	Pangjiapu, Hebei Province	Chemical-sedimentary Fe-Mn	Fe
K	50	46	Zhongxinchun, Beijing District	Chemical-sedimentary Fe-Mn	B,Mn
K	50	47	Xiaoyingpan, Hebei Province	Alkaline complex-hosted Au	Au
K	50	48	Dazhuangke, Beijing	Porphyry Mo (±W, Sn, Bi)	Mo
K	50	49	Yantongshan, Hebei Province	Chemical-sedimentary Fe-Mn	Fe
K	50	50	Fanshan, Hebei Province	Magmatic and metasomatic apatite	P
K	50	51	Xinghe, Inner Mongolia	Metamorphic graphite	Graphite
K	50	52	Gongdianzhi (Qian'an), Hebei Province	Banded iron formation (BIF, Algoma Fe)	Fe
K	50	53	Dongshiuchang, Tiejin	Chemical-sedimentary Fe-Mn	B,Mn

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
28	Qinglong	QL	40°25'34"	119° 20' 48.57"
29	Qinglong	QL	40°17'19"	119° 38' 54.76"
30	Qinglong	QL	40°19'1"	119° 22' 11.54"
31	Yanliao	YL-1	40°38'20"	118° 10' 58.36"
32	Yanliao	YL-1	40°19'29"	118° 55' 0.54"
33	Yanliao	YL-1	41°4'30"	116° 37' 17.45"
34	Jidong	JD	40°26'38"	118° 30' 6.81"
35	Yanliao	YL-1	40°39'25"	117° 50' 2.89"
36	Yanliao	YL-1	41°25'9"	115° 28' 12.00"
37	Yanliao	YL-1	40°29'20"	118° 9' 54.91"
38	Wulashan-Zhangbei	WZ	41°20'24"	115° 24' 18.44"
39	Jidong	JD	40°14'22"	118° 33' 35.74"
40	Yanliao	YL-1	41°8'50"	115° 50' 7.53"
41	Jidong	JD	40°37'55"	116° 58' 4.73"
42	Jidong	JD	40°9'24"	118° 31' 43.19"
43	Yanliao	YL-1	40°29'20"	116° 31' 57.06"
44	Yanliao	YL-1	40°57'58"	115° 5' 31.21"
45	Yanliao	YL-1	40°42'26"	115° 45' 12.06"
46	Yanliao	YL-1	40°12'31"	117° 13' 5.33"
47	Wulashan-Zhangbei	WZ	40°42'21"	115° 29' 59.48"
48	Yanliao	YL-1	40°20'4"	116° 20' 7.64"
49	Yanliao	YL-1	40°36'30"	115° 17' 5.99"
50	Fanshe	FH	40°12'23"	115° 35' 16.68"
51	Yanbei	YB	40°19'25"	114° 10' 5.02"
52	Jidong	JD	40°5'4"	118° 34' 40.34"
53	Yanliao	YL-1	40°15'12"	117° 48' 28.03"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
K	50	54	Shirengou, Hebei Province	Banded iron formation (BIF, Algoma Fe)	Fe
K	50	55	Guzhigou, Hebei Province	Polymetallic (Pb, Zn±Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Ag
K	50	56	Dongping, Hebei Province	Alkaline complex-hosted Au	Au
K	50	57	Jinjiashuang, Hebei Province	Granitoid-related Au vein	Au
K	50	58	Shachang, Miyun, Beijing	Banded iron formation (BIF, Algoma Fe)	Fe
K	50	59	Hougou, Chicheng, Hebei Province	Alkaline complex-hosted Au	Au
K	51	1	Fangniugou, Jilin Province	Volcanogenic-hydrothermal-sedimentary massive sulfide Pb-Zn (±Cu)	Zn
K	51	2	Sanmen, Jilin Province	Polymetallic (Pb, Zn±Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Ag
K	51	3	XiangluwanZhi, Jilin Province	Au-Ag epithermal vein	Au
K	51	4	Nanlongwangmiao, Liaoning Province	Au in shear zone and quartz vein	Au
K	51	5	Dahuanggou, Jilin Province	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	pyrite(S)
K	51	6	Chaihe, Liaoning Province	Carbonate-hosted Pb-Zn (Mississippi valley type)	Pb,Zn
K	51	7	Xianjinchang, Qingyuan, Liaoning Province	Granitoid-related Au vein	Au
K	51	8	Chibaisong, Jilin Province	Mafic-ultramafic related Cu-Ni-PGE	Ni
K	51	9	Ermu, Jilin Province	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Cu
K	51	10	Hongtoushan, Liaoning Province	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Cu,Zn
K	51	11	Zihe, Liaoning Province	Carbonate-hosted Pb-Zn (Mississippi valley type)	Pb,Zn
K	51	12	Wangjiadagou, Liaoning Province	Granitoid-related Au vein	Au
K	51	13	Zhengcha, Jilin Province	Zn-Pb (Ag, Cu, W) skarn	Pb,Zn
K	51	14	Huanren, Liaoning Province	Zn-Pb (Ag, Cu, W) skarn	Pb,Zn
K	51	15	Yangmugan, Liaoning Province	Sedimentary-metamorphic borate	B
K	51	16	Waitoushan, Liaoning Province	Banded iron formation (BIF, Algoma Fe)	Fe
K	51	17	Nanfen, Liaoning Province	Banded iron formation (BIF, Algoma Fe)	Fe
K	51	18	Kongguan, Liaoning Province	Evaporate sedimentary gypsum	Gypsum
K	51	19	Zhuanmiao, Liaoning Province	Sedimentary-metamorphic borate	B
K	51	20	Beidacheng, Aohan, Inner Mongolia	Au-Ag epithermal vein	Au

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
54	Jidong	JD	40°12'54"	117° 54' 26.67"
55	Yanliao	YL-1	40°39'29"	116° 28' 7.58"
56	Wulashan-Zhangbei	WZ	40°49'34"	115° 37' 12.70"
57	Yanliao	YL-1	40°50'27"	115° 45' 4.20"
58	Jidong	JD	40°25'5"	117° 0' 1.18"
59	Wulashan-Zhangbei	WZ	40°55'31"	115° 38' 13.07"
1	Fangniugou	FN	43°35'54"	125° 5' 8.28"
2	North Jilin	NJ	43°7'28"	124° 35' 2.54"
3	Liaoji	LJ	42°13'29"	125° 17' 51.06"
4	Liaoji	LJ	42°15'25"	124° 48' 1.82"
5	Liaoji	LJ	42°9'23"	124° 46' 47.42"
6	Fanhe	FH	42°15'50"	124° 9' 54.25"
7	Liaoji	LJ	42°12'19"	124° 11' 41.15"
8	Jiliaojiao	JLJ	41°39'25"	125° 49' 51.58"
9	Jiliaojiao	JLJ	41°49'31"	125° 18' 17.56"
10	Liaoji	LJ	42°5'21"	124° 28' 46.64"
11	Fanhe	FH	42°8'52"	124° 14' 43.03"
12	Liaoji	LJ	42°2'20"	124° 20' 33.30"
13	Liaoji	LJ	41°19'53"	125° 48' 6.60"
14	Jiliaojiao	JLJ	41°17'25"	125° 21' 51.85"
15	Jiliaojiao	JLJ	40°50'31"	125° 37' 56.50"
16	Liaoji	LJ	41°29'29"	123° 41' 4.97"
17	Liaoji	LJ	41°13'3"	123° 59' 53.93"
18	Hunjuang-Taizihe	HT	41°17'10"	123° 44' 47.97"
19	Jiliaojiao	JLJ	40°45'36"	125° 1' 5.42"
20	Yanliadid	YL-1	42°14'20"	120° 24' 57.96"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
K	51	21	Baoguosi, Liaoning	Banded iron formation (BIF, Algoma Fe)	Fe
K	51	22	Gongchangling, Anshan, Liaoning Province	Banded iron formation (BIF, Algoma Fe)	Fe
K	51	23	Daheishan I, Aohan, Inner Mongolia	Granitoid-related Au vein	Au
K	51	24	Jinchanggouliang, Inner Mongolia	Granitoid-related Au vein	Au
K	51	25	Qidashan, Anshan, Liaoning Province	Banded iron formation (BIF, Algoma Fe)	Fe
K	51	26	Erdaogou, Liaoning Province	Au-Ag epithermal vein	Au
K	51	27	Yingtaoyuan, Anshan, Liaoning Province	Banded iron formation (BIF, Algoma Fe)	Fe
K	51	28	Zhangjiagou, Liaoning Province	Volcanogenic-hydrothermal-sedimentary massive sulfide Pb-Zn (\pm Cu)	Pyrrhotite
K	51	29	Wengquangou, Liaoning Province	Sedimentary-metamorphic borate	B
K	51	30	Baiyunshan, Liaoning Province	Au in shear zone and quartz vein	Au
K	51	31	Qingchengzi, Liaoning Province	Korean Pb-Zn massive sulfide	Pb,Zn
K	51	32	Fanjapuzi, Liaoning Province	Talc (magnesite) replacement	Talc
K	51	33	Xiafangshen, Liaoning Province	Sedimentary-metamorphic magnesite	Magnesite
K	51	34	Wulong, Liaoning Province	Granitoid-related Au vein	Au
K	51	35	Sidaogou, Liaoning Province	Granitoid-related Au vein	Au
K	51	36	Houxianyu, Liaoning Province	Sedimentary-metamorphic borate	B
K	51	37	Xiaoshengshui, Liaoning Province	Sedimentary-metamorphic magnesite	Magnesite
K	51	38	Paishanlou, Liaoning Province	Au in shear zone and quartz vein	Au
K	51	39	Xiuyuan 1, Liaoning Province	Granitoid-related Au vein	Au
K	51	40	Xiuyuan 2, Liaoning Province	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn
K	51	41	Lanjiagou, Liaoning Province	Porphyry Mo (\pm W, Sn, Bi)	Mo
K	51	42	Chaoyang, Liaoning Province	Carbonate-hosted asbestos	Asbestos
K	51	43	Maoling, Liaoning Province	Au in shear zone and quartz vein	Au
K	51	44	Liutun, Liaoning Province	Granitoid-related Au vein	Au
K	51	45	Wafangzi, Liaoning Province	Chemical-sedimentary Fe-Mn	Mn

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
21	Liaoxi	LX	42°5'37"	120° 50' 38.32"
22	Liaoji	LJ	41°10'10"	123° 30' 0.71"
23	Yanliao	YL-1	42°8'28"	120° 21' 11.45"
24	Yanliao	YL-1	42°9'8"	120° 15' 31.01"
25	Liaoji	LJ	41°7'45"	123° 20' 18.44"
26	Yanliao	YL-1	42°4'22"	120° 20' 42.06"
27	Liaoji	LJ	41°8'4"	123° 5' 26.57"
28	Jiliaojiao	JLJ	40°45'31"	124° 5' 5.34"
29	Jiliaojiao	JLJ	40°41'19"	124° 2' 53.58"
30	Jiliaojiao	JLJ	40°48'10"	123° 34' 9.14"
31	Jiliaojiao	JLJ	40°44'46"	123° 38' 42.02"
32	Jiliaojiao	JLJ	40°44'19"	122° 56' 53.10"
33	Jiliaojiao	JLJ	40°39'21"	122° 49' 54.93"
34	Jiliaojiao	JLJ	40°7'59"	124° 20' 14.13"
35	Jiliaojiao	JLJ	40°8'3"	124° 11' 50.02"
36	Jiliaojiao	JLJ	40°29'52"	122° 56' 55.92"
37	Jiliaojiao	JLJ	40°34'38"	122° 37' 54.64"
38	Liaoxi	LX	40°47'38"	121° 55' 45.01"
39	Jiliaojiao	JLJ	40°19'21"	123° 14' 50.14"
40	Jiliaojiao	JLJ	40°13'23"	123° 27' 47.67"
41	Yanliao	YL-1	40°57'23"	120° 44' 56.62"
42	Yanliao	YL-1	41°9'24"	120° 8' 12.52"
43	Jiliaojiao	JLJ	40°16'25"	122° 46' 59.94"
44	Yanliao	YL-1	40°49'22"	120° 57' 58.38"
45	Yanliao	YL-1	41°0'32"	120° 5' 10.91"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
K	51	46	Yangjiazhangzi, Liaoning Province	W±Mo±Be skarn	Mo
K	51	47	Gadagou, Liaoning Province	Granitoid-related Au vein	Au
K	51	48	Bajiazi, Liaoning Province	Zn-Pb (Ag, Cu, W) skarn	Pb,Zn
K	52	1	Huangsongdianzhi, Hunchun City, Jilin Province	Placer and paleoplacer Au	Au
K	52	2	Jinkuangtun, Antu County, Jilin Province	Au-Ag epithermal vein	Au
K	52	3	Xiaoxinancha, Jilin Province	Porphyry Cu (±Au)	Cu, Au
K	52	4	Tadong, Jilin Province	Volcanogenic-sedimentary Fe	Fe
K	52	5	Hongtaiping, Jilin Province	Volcanogenic-hydrothermal-sedimentary massive sulfide Pb-Zn (±Cu)	Pb,Zn
K	52	6	Ciweigou, Jilin Province	Au-Ag epithermal vein	Au,Ag
K	52	7	Nongping, Hunchun City, Jilin Province	Granitoid-related Au vein	Au
K	52	8	Slavyanovskoe	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	As
K	52	9	Sandaogang, Jilin Province	Mafic-ultramafic related Cu-Ni-PGE	Cu
K	52	10	Naozhi, Jilin Province	Porphyry Au	Au
K	52	11	Tianbaoshan, Jilin Province	Zn-Pb (Ag, Cu, W) skarn	Cu,Pb,Zn
K	52	12	Wufeng, Jilin Province	Au-Ag epithermal vein	Au
K	52	13	Changren, Jilin Province	Mafic-ultramafic related Cu-Ni-PGE	Cu
K	52	14	Jinjia, Rongji County, Jilin Province	Fluorspar vein	Fluorite
K	52	15	Piaohechuan, Jilin Province	Mafic-ultramafic related Cu-Ni-PGE	Cu
K	52	16	Erdaodianzhi, Jilin Province	Granitoid-related Au vein	Au
K	52	17	Haigou, Antu County, Jilin Province	Granitoid-related Au vein	Au
K	52	18	Daheishan 2, Jilin Province	Porphyry Mo (±W, Sn, Bi)	Mo
K	52	19	Laoniugou, Jilin Province	Banded iron formation (BIF, Algoma Fe)	Fe
K	52	20	Jiapigou, Jilin Province	Au in shear zone and quartz vein	Au
K	52	21	Guanma, Jilin Province	Volcanic-hosted Au-base-metal metasomatite	Au
K	52	22	Nanlishugou, Panshi County, Jilin Province	Fluorspar vein	Fluorite
K	52	23	Sandaocha, Jilin Province	Au in shear zone and quartz vein	Au

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
46	Yanliao	YL-1	40°39'26"	120° 37' 57.80"
47	Yanliao	YL-1	40°39'20"	120° 27' 53.82"
48	Yanliao	YL-1	40°34'34"	120° 6' 22.93"
1	North Jilin	NJ	43°11'27"	130° 59' 17.04"
2	North Jilin			
3	North Jilin	NJ	43°11'23"	130° 49' 39.66"
4	Tadong	Td	43°50'5"	128° 38' 21.69"
5	Yanbian	Yan	43°27'2"	129° 36' 45.73"
6	North Jilin	NJ	43°14'37"	129° 57' 44.92"
7	North Jilin	NJ	43°2'24"	130° 1' 42.34"
8	Laoeling-Grodekov	LG	42°42'60"	130° 53' 26.03"
9	Hongqiling	HQ	43°6'44"	129° 39' 39.80"
10	North Jilin	NJ	43°7'7"	129° 29' 47.37"
11	North Jilin	NJ	42°54'21"	129° 58' 46.34"
12	North Jilin	NJ	43°5'33"	129° 14' 42.81"
13	Hongqiling	HQ	42°50'54"	129° 23' 44.65"
14	North Jilin	NJ	43°44'23"	126° 19' 42.38"
15	Hongqiling	HQ	43°17'35"	127° 24' 58.67"
16	North Jilin	NJ	43°11'28"	127° 9' 53.70"
17	North Jilin	NJ	42°45'25"	128° 2' 48.70"
18	North Jilin	NJ	43°19'22"	126° 17' 43.01"
19	Liaoji	LJ	42°52'48"	127° 26' 22.39"
20	Liaoji	LJ	42°49'29"	127° 31' 29.18"
21	Hongqiling	HQ	43°9'47"	126° 12' 37.12"
22	North Jilin	NJ	43°8'6"	126° 6' 36.19"
23	Liaoji	LJ	42°45'30"	127° 15' 4.15"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
K	52	24	Hongqiling, Jilin Province	Mafic-ultramafic related Cu-Ni-PGE	Cu,Ni
K	52	25	Banshigou, Jilin Province	Banded iron formation (BIF, Algoma Fe)	Fe
K	52	26	Liujiapuzhi (Liu Daojiang), Jilin Province	Volcanic-hosted Au-base-metal metasomatite	Au
K	52	27	Erdaoyangca, Jilin Province	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Cu
K	52	28	Linjiang, Jilin Province	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu,Mo
K	52	29	Dalizi, Province	Banded iron formation (BIF, Superior Fe)	Fe
K	52	30	Huanggoushan, Jilin Province	Korean Pb-Zn massive sulfide	Pb,Zn
K	52	31	Nancha, Jilin Province	Au in shear zone and quartz vein	Au
K	52	32	Qidaogou, Jilin Province	Banded iron formation (BIF, Superior Fe)	Fe
K	52	33	Guojialing, Jilin Province	Polymetallic(Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Pb,Zn
K	53	1	Fasolnoe	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Pb,Zn
K	53	2	Shcherbakovskoe	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn
K	53	3	Nizhnee	Cassiterite-sulfide-silicate vein and stockwork	Sn,Pb, Zn
K	53	4	Soyuz	Au-Ag epithermal vein	Ag,Au
K	53	5	Skalistoe	Porphyry Mo (\pm W, Sn, Bi)	Mo
K	53	6	Benevskoe	W \pm Mo \pm Be skarn	W
K	53	7	Porozhistoe	Granitoid-related Au vein	Au
K	53	8	Balykovskoe	Granitoid-related Au vein	Au
K	53	9	Progress	Granitoid-related Au vein	Au
K	53	10	Krinichnoe	Granitoid-related Au vein	Au
K	53	11	Askold	Granitoid-related Au vein	Au
K	54	1	Kitami	Au-Ag epithermal vein	Cu,Pb, Zn
K	54	2	Tokoro	Clastic sediment-hosted Hg \pm Sb	Hg
K	54	3	Itomuka	Volcanic-hosted Hg	Hg
K	54	4	Nitto	Podiform chromite	Cr
K	54	5	Ganbi	Podiform chromite	Cr
K	54	6	Hatta	Podiform chromite	Cr
K	54	7	Teine	Au-Ag epithermal vein	Au,Ag, Cu
K	54	8	Yoichi	Au-Ag epithermal vein	Zn,Cu, Pb
K	54	9	Otarumatsukura	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Ba
K	54	10	Oe	Mn vein	Mn
K	54	11	Inakuraishi	Mn vein	Mn
K	54	12	Toyoha	Au-Ag epithermal vein	Zn,Pb, Ag

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
24	Hongqiling	HQ	42°52'24"	126° 29' 49.18"
25	Liaoji	LJ	42°2'2"	126° 31' 55.69"
26	Jiliaojiao	JLJ	41°56'24"	126° 46' 52.99"
27	Jiliaojiao	JLJ	41°52'59"	126° 36' 6.23"
28	Liaoji	LJ	41°50'22"	126° 41' 49.44"
29	Jiliaojiao	JLJ	41°46'36"	126° 49' 56.05"
30	Jiliaojiao	JLJ	41°44'30"	126° 40' 54.07"
31	Jiliaojiao	JLJ	41°39'26"	126° 19' 50.29"
32	Jiliaojiao	JLJ	41°35'33"	126° 26' 1.98"
33	Jiliaojiao	JLJ	41°14'21"	126° 16' 48.30"
1	Sergeevka-Taukha	Ser	43°33'57"	134° 41' 49.77"
2	Sergeevka-Taukha	Ser	43°34'26"	134° 28' 1.24"
3	Luzhinsky	LZH	43°35'57"	134° 14' 21.82"
4	Sergeevka-Taukha	Ser	43°24'25"	134° 19' 44.60"
5	Samarka	Sam	43°35'22"	133° 44' 36.21"
6	Benev	BV	43°5'9"	133° 42' 8.94"
7	Sergeevka-Taukha	Ser	42°53'47"	133° 27' 28.39"
8	Sergeevka-Taukha	Ser	42°57'1"	132° 56' 53.40"
9	Sergeevka-Taukha	Ser	42°51'41"	132° 49' 25.32"
10	Sergeevka-Taukha	Ser	42°53'17"	132° 28' 21.84"
11	Sergeevka-Taukha	Ser	42°42'55"	132° 19' 43.06"
1	Northeast Hokkaido	NEH	43°56'43"	143° 23' 39.21"
2	Northeast Hokkaido	NEH	43°47'43"	143° 36' 56.11"
3	Northeast Hokkaido	NEH	43°39'55"	143° 9' 5.09"
4	Kamuikotan	KM	42°45'5"	142° 20' 13.28"
5	Kamuikotan	KM	42°56'38"	142° 19' 26.80"
6	Kamuikotan	KM	42°42'25"	142° 16' 19.32"
7	Northeast Japan	NEJ	43°5'5"	141° 11' 32.03"
8	Northeast Japan	NEJ	43°12'52"	140° 41' 24.23"
9	Northeast Japan	NEJ	43°6'42"	140° 58' 7.34"
10	Northeast Japan	NEJ	43°7'37"	140° 41' 41.15"
11	Northeast Japan	NEJ	43°9'42"	140° 35' 5.15"
12	Northeast Japan	NEJ	42°58'10"	141° 2' 1.51"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
K	54	13	Todoroki	Au-Ag epithermal vein	Au, Ag
K	54	14	Kunitomi	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn, Cu, Pb,
K	54	15	Kucchan	Chemical-sedimentary Fe-Mn	Fe
K	54	16	Chitose	Au-Ag epithermal vein	Au, Ag
K	54	17	Minamishiraoi	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Ba
K	54	18	Tokushunbetsu	Limonite from spring water	Fe
K	54	19	Suttsu	Au-Ag epithermal vein	Zn, Pb
K	54	20	Horobetsu	Sulfur-sulfide (S, FeS ₂)	S
K	54	21	Shizukari	Au-Ag epithermal vein	Au
K	54	22	Pirika	Volcanogenic-sedimentary Mn	Mn
K	54	23	Shojingawa	Sulfur-sulfide (S, FeS ₂)	S
K	54	24	Yakumo	Mn vein	Mn, Zn, Pb
K	54	25	Kinjo	Volcanogenic-sedimentary Mn	Mn
K	54	26	Okushiri	Sulfur-sulfide (S, FeS ₂)	S
K	54	27	Jokoku	Mn vein	Mn
K	54	28	Imai-Ishizaki	Mn vein	Mn
K	54	29	Abeshiro	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Cu
K	54	30	Kamikita	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Cu, Zn
K	54	31	Kunohe district	Volcanogenic-sedimentary Mn	Mn
K	54	32	Nodatamagawa	Volcanogenic-sedimentary Mn	Mn
K	54	33	Funauchi	Au-Ag epithermal vein	Zn, Pb, Cu
K	54	34	Furutobe	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Cu, Zn, Pb,
K	54	35	Ainai	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn, Cu, Pb,
K	54	36	Kosaka	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn, Pb, Cu
K	54	37	Oppu	Au-Ag epithermal vein	Zn, Pb, Cu
K	54	38	Fujikura	Volcanogenic-sedimentary Mn	Mn
K	54	39	Hanaoka-Fukasawa	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn, Pb, Cu,
K	54	40	Shakanai	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn, Cu, Pb,
K	54	41	Hanaoka	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn, Cu, Pb,
K	54	42	Daira	Au-Ag epithermal vein	Zn, Pb, Cu
K	54	43	Hanaoka-Matsumine	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn, Cu, Pb,
K	54	44	Hanawa	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn, Cu, Pb,
K	54	45	Hassei	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn, Ag
K	54	46	Osarizawa	Au-Ag epithermal vein	Cu, Pb, Zn,
K	54	47	Tatemata	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Cu, Zn, Pb
L	45	1	Sagsai	W-Mo-Be greisen, stockwork, and quartz vein	W
L	45	2	Kelumute, Xinjiang	REE-Li pegmatite	Li, Be, Nb, Ta

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
13	Northeast Japan	NEJ	43°0'7"	140° 53' 21.14"
14	Northeast Japan	NEJ	42°59'9"	140° 39' 30.90"
15	Northeast Japan	NEJ	42°52'7"	140° 57' 54.54"
16	Northeast Japan	NEJ	42°43'46"	141° 12' 13.50"
17	Northeast Japan	NEJ	42°36'59"	141° 9' 8.55"
18	Northeast Japan	NEJ	42°36'20"	141° 15' 44.22"
19	Northeast Japan	NEJ	42°46'60"	140° 12' 42.78"
20	Northeast Japan	NEJ	42°30'56"	141° 0' 50.37"
21	Northeast Japan	NEJ	42°35'6"	140° 26' 52.08"
22	Northeast Japan	NEJ	42°28'57"	140° 8' 1.26"
23	Northeast Japan	NEJ	41°57'10"	140° 46' 7.84"
24	Northeast Japan	NEJ	42°9'33"	140° 8' 13.45"
25	Northeast Japan	NEJ	41°51'45"	140° 53' 9.66"
26	Northeast Japan	NEJ	42°1'20"	139° 25' 58.85"
27	Northeast Japan	NEJ	41°40'36"	140° 3' 19.29"
28	Northeast Japan	NEJ	41°36'47"	140° 1' 42.83"
29	Northeast Japan	NEJ	41°15'18"	140° 59' 25.34"
30	Northeast Japan	NEJ	40°43'19"	140° 57' 13.01"
31	North Kitakami	NK	40°18'20"	141° 31' 39.10"
32	North Kitakami	NK	40°4'25"	141° 48' 52.86"
33	Northeast Japan	NEJ	40°15'38"	140° 33' 57.47"
34	Northeast Japan	NEJ	40°24'2"	140° 45' 14.94"
35	Northeast Japan	NEJ	40°19'34"	140° 45' 52.79"
36	Northeast Japan	NEJ	40°20'39"	140° 41' 43.07"
37	Northeast Japan	NEJ	40°31'2"	140° 20' 4.76"
38	North Kitakami	NK	40°4'40"	141° 21' 21.61"
39	Northeast Japan	NEJ	40°24'19"	140° 38' 59.04"
40	Northeast Japan	NEJ	40°22'54"	140° 18' 48.41"
41	Northeast Japan	NEJ	40°16'32"	140° 30' 29.99"
42	Northeast Japan	NEJ	40°27'36"	140° 16' 44.59"
43	Northeast Japan	NEJ	40°16'35"	140° 39' 39.25"
44	Northeast Japan	NEJ	40°10'12"	140° 51' 54.95"
45	Northeast Japan	NEJ	40°24'44"	140° 3' 15.12"
46	Northeast Japan	NEJ	40°10'14"	140° 44' 22.98"
47	Northeast Japan	NEJ	40°7'52"	140° 33' 26.54"
1	Mongol Altai	MA	47°51'45"	89° 56' 35.05"
2	Altay -Turgen	AT	47°51'30"	89° 3' 33.38"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
L	45	3	Ayoubulake, Xingjiang	Muscovite pegmatite	Muscovite
L	45	4	Keketuohai, Xinjiang	REE-Li pegmatite	Be, Ta
L	45	5	Kalatongke, Xinjiang	Mafic-ultramafic related Cu-Ni-PGE	Cu, Ni
L	46	1	Uet Ondor	Mafic-ultramafic related Ti-Fe (V)	Fe
L	46	2	Khalzan uul	Podiform chromite	Cr
L	46	3	Olgoi Tsagaan	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Cu
L	46	4	Alag Uul	Serpentine-hosted asbestos	Asbestos
L	46	5	Burged	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Cu, Zn, Pb
L	46	6	Tsetserlegiin Nuruu	Au in shear zone and quartz vein	Cu
L	46	7	Aketishi, Aketishikan, Xijiang	Au-Ag epithermal vein	Au
L	46	8	Jadat khar	Sn-W greisen, stockwork, and quartz vein	Sn
L	46	9	Yargait	Cassiterite-sulfide-silicate vein and stockwork	Sn
L	46	10	Oyut tolgoi I	Cassiterite-sulfide-silicate vein and stockwork	Sn, Cu
L	46	11	Boorch	Ag-Pb epithermal vein	Pb, Ag
L	46	12	Del Tsahir	Au in shear zone and quartz vein	Cu
L	46	13	Bor uul	Au in shear zone and quartz vein	Cu
L	46	14	Khardav	Sn-W greisen, stockwork, and quartz vein	W, Sn
L	46	15	Khargait I	W-Mo-Be greisen, stockwork, and quartz vein	Be
L	46	16	Shoroot	REE-Li pegmatite	Be
L	46	17	Angirt	REE-Li pegmatite	Be, Ta, Nb
L	46	18	Bulgat	REE-Li pegmatite	Be
L	46	19	Khurdet	REE-Li pegmatite	Nb, REE
L	46	20	North Khuld	REE-Li pegmatite	Be
L	46	21	Bodonch	Muscovite pegmatite	Muscovite
L	46	22	Uench	REE-Li pegmatite	Be
L	46	23	Buluket, Xinjiang	Muscovite pegmatite	Muscovite
L	46	24	Alatasi, Xinjiang	Granitoid-related Au vein	Au
L	46	25	Khaltar-uul I	Au in shear zone and quartz vein	Au
L	46	26	Khaltar Uul II	Au in shear zone and quartz vein	Au
L	46	27	Ereen Uul	Au in shear zone and quartz vein	Au
L	47	1	Tomortolgoi	Banded iron formation (BIF, Superior Fe)	Fe
L	47	2	Zoogiin	Volcanogenic-sedimentary Fe	Fe
L	47	3	Khangai	Volcanogenic-sedimentary Fe	Fe
L	47	4	Bogdyn Arshaan	Fe skarn	Fe
L	47	5	Monhot	Volcanogenic-sedimentary Fe	Fe

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
3	Altay -Turgen	AT	47°32'9"	89° 13' 36.26"
4	Altay -Turgen	AT	47°11'56"	89° 49' 26.14"
5	Kelatongke	KL	46°47'59"	89° 50' 36.48"
1	Zavhanmandal-Jargalant	ZJ	46°52'39"	95° 39' 21.07"
2	Unassigned	-	45°18'58"	91° 58' 52.24"
3	Unassigned	-	46°30'20"	95° 37' 57.30"
4	Lake	LA	46°27'32"	94° 52' 30.25"
5	Deluun-Sagsai	DS	47°30'31"	91° 18' 25.53"
6	Lake	LA	46°44'1"	93° 35' 29.40"
7	Hovd gol	Hovd	47°31'33"	90° 12' 35.12"
8	Mongol Altai	MA	46°30'24"	93° 15' 16.67"
9	Deluun-Sagsai	DS	46°27'3"	93° 23' 49.13"
10	Deluun-Sagsai	DS	46°27'21"	93° 16' 53.46"
11	Kurai-Tolbo Nuur	KTN	46°32'29"	92° 47' 29.14"
12	Lake	LA	45°52'58"	94° 29' 26.38"
13	Lake	LA	45°58'22"	94° 11' 22.47"
14	Altay -Turgen	AT	46°20'35"	92° 18' 23.74"
15	Mongol Altai	MA	46°39'15"	91° 21' 28.72"
16	Altay -Turgen	AT	46°34'44"	91° 28' 44.41"
17	Altay -Turgen	AT	46°4'59"	92° 53' 27.82"
18	Altay -Turgen	AT	46°34'32"	91° 21' 14.17"
19	Altay -Turgen	AT	45°50'18"	93° 27' 47.81"
20	Altay -Turgen	AT	45°51'32"	93° 21' 29.77"
21	Altay -Turgen	AT	46°6'15"	92° 31' 42.91"
22	Altay -Turgen	AT	46°11'18"	92° 4' 41.33"
23	Altay -Turgen	AT	46°24'32"	90° 16' 59.09"
24	Kelatongke	KL	46°6'33"	90° 28' 28.90"
25	Baruunkhuurai	BAN	46°48'30"	95° 39' 52.82"
26	Baruunkhuurai	BAN	45°16'26"	91° 52' 30.60"
27	Baruunkhuurai	BAN	45°14'17"	91° 58' 46.47"
1	Hangai	HAN	47°22'27"	101° 48' 18.47"
2	Hangai	HAN	47°49'23"	99° 36' 21.99"
3	Hangai	HAN	47°50'29"	99° 22' 15.31"
4	Central Mongolian	CM	47°47'31"	97° 32' 22.27"
5	Hangai	HAN	47°6'24"	99° 20' 20.91"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
L	47	6	Khokhbulgiin khondii	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu,Au
L	47	7	Zuun-Arts	Sedimentary phosphate	P
L	47	8	Baruun-Arts	Sedimentary phosphate	P
L	47	9	Tsagaantsakhir Uul	Granitoid-related Au vein	Au
L	47	10	Saran uul	Porphyry Cu (\pm Au)	Cu
L	47	11	Baidragiin gol	Banded iron formation (BIF, Superior Fe)	Fe
L	47	12	Asgat uul	Fe skarn	Fe
L	47	13	Buutsagaan	Au skarn	Cu,Au,Fe
L	47	14	Ondor Tsoohor uul	Volcanogenic-sedimentary Mn	Mn
L	47	15	Bayangol 2	Sedimentary phosphate	P
L	47	16	Ulaan Argalant	Fe skarn	Fe
L	47	17	Bideriingol	Podiform chromite	Cr
L	47	18	Gegeenii ovoo uul	Podiform chromite	Cr
L	47	19	Biderin gol	Sedimentary-metamorphic magnesite	Magnesite
L	47	20	Nergui	Cyprus Cu-Zn massive sulfide	Cu
L	47	21	Nogoon tolgoi	Podiform chromite	Cr
L	47	22	Ikh nart	Serpentinite-hosted asbestos	Asbestos
L	47	23	Naran Davaa	Cyprus Cu-Zn massive sulfide	Cu
L	47	24	Taishir	Serpentinite-hosted asbestos	Asbestos
L	47	25	Tsakhir khudag	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu,Au
L	47	26	Bayangovi district	Au in shear zone and quartz vein	Au
L	47	27	Tsagaan gol	Talc (magnesite) replacement	Talc
L	47	28	Sharturuutiin gol	Volcanogenic-sedimentary Mn	Mn
L	47	29	Tahilgat uul	Volcanogenic-sedimentary Mn	Mn
L	47	30	Bayantsagaan 1	Besshi Cu-Zn-Ag massive sulfide	Cu
L	47	31	Uhiin ovoo	Volcanogenic-sedimentary Fe	Fe
L	47	32	Bayan Undur	Bedded barite	Ba
L	47	33	Olgiibulag	Volcanogenic-sedimentary Mn	Mn
L	47	34	Khadat Gunii khudag	Au in shear zone and quartz vein	Au
L	48	1	Ulaanburd	Cassiterite-sulfide-silicate vein and stockwork	Sn
L	48	2	Janchivlan (Buural khangai and Urt Gozgor)	Ta-Nb-REE alkaline metasomatite	Ta
L	48	3	Bayan Ovoo	Sn-W greisen, stockwork, and quartz vein	Sn,W
L	48	4	Avdrant	Peralkaline granitoid-related Nb-Zr-REE	Ta
L	48	5	Chuluut tsagaan del	Fluorspar vein	CaF ₂
L	48	6	Urt Gozgor	Ta-Nb-REE alkaline metasomatite	Li,Ta,
L	48	7	Ikh Khairkhan	W-Mo-Be greisen, stockwork, and quartz vein	W,Mo

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
6	Bayanhongor	BH-1	46°28'25"	99° 36' 19.14"
7	Tsagaanlolom	Tsn	47°13'44"	96° 35' 36.35"
8	Tsagaanlolom	Tsn	47°16'10"	96° 42' 19.98"
9	Bayanhongor	BH-1	46°4'38"	100° 3' 15.91"
10	Central Mongolian	CM	45°46'30"	100° 36' 17.24"
11	Baydrag	BD	46°8'24"	99° 24' 17.14"
12	Central Mongolian	CM	46°57'26"	96° 27' 26.49"
13	Central Mongolian	CM	46°4'54"	98° 46' 4.19"
14	Lake	LA	46°52'25"	96° 13' 23.24"
15	Tsagaanlolom	Tsn	46°39'31"	96° 30' 24.94"
16	Central Mongolian	CM	45°19'27"	99° 29' 16.27"
17	Lake	LA	46°10'40"	96° 40' 52.78"
18	Ikh Bogd	IB	44°55'23"	100° 31' 15.70"
19	Unassigned	-	46°15'16"	96° 39' 51.15"
20	Lake	LA	46°8'29"	96° 49' 27.43"
21	Lake	LA	46°20'30"	96° 8' 27.87"
22	Unassigned	-	44°53'28"	100° 21' 15.57"
23	Lake	LA	46°9'28"	96° 30' 20.63"
24	Lake	LA	46°14'30"	96° 11' 25.68"
25	Central Mongolian	CM	46°2'29"	96° 26' 21.15"
26	Bayangovi	BG	44°44'1"	100° 18' 46.81"
27	Ikh Bogd	IB	45°48'30"	96° 15' 24.33"
28	Govi-Altai	Gal	45°27'29"	96° 56' 22.58"
29	Govi-Altai	Gal	45°42'30"	96° 5' 23.16"
30	Bayanleg	BL	44°48'56"	98° 41' 26.04"
31	Govi-Altai	Gal	45°31'32"	96° 32' 27.08"
32	Unassigned	-	44°50'29"	98° 28' 17.77"
33	Edreniin	ED	45°15'28"	96° 13' 24.61"
34	Edren-Zoolon	EZ	44°7'45"	97° 49' 3.02"
1	East Mongolian-Preargunskiy	EMA	47°39'25"	107° 40' 14.90"
2	Central Hentii	CHE	47°33'28"	107° 36' 8.01"
3	Central Hentii	CHE	47°2'23"	107° 45' 6.48"
4	Central Hentii	CHE	47°37'26"	105° 26' 13.46"
5	East Mongolian-Priargunskiy	EMA	46°57'42"	107° 14' 13.14"
6	Central Hentii	CHE	46°33'26"	107° 32' 11.62"
7	Ikh-Hairhan	IH	46°54'25"	105° 56' 13.05"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
L	48	8	Ongon Khairhan	W-Mo-Be greisen, stockwork, and quartz vein	W,Mo
L	48	10	Oortsog	Mafic-ultramafic related Cu-Ni-PGE	Cu,Ni
L	48	11	Suul-Undur	Fluorspar vein	CaF ₂
L	48	12	Tamirgol	Volcanogenic-sedimentary Fe	Fe
L	48	13	Bayan Uul 2	Porphyry Cu-Mo (\pm Au, Ag)	Cu
L	48	14	Baga Gazar	Sn-W greisen, stockwork, and quartz vein	Sn
L	48	15	Sharga Ovoo	Granitoid-related Au vein	Au
L	48	16	Bilkh-Uul	Fluorspar vein	CaF ₂
L	48	17	Zulegt	Metamorphic graphite	Graphite
L	48	18	Kharmagtai 1	Serpentine-hosted asbestos	Asbestos
L	48	19	Tumurtei	Fe-Zn skarn	Zn,Fe, Mo
L	48	20	Modon-Uls	Evaporate sedimentary gypsum	Gypsum
L	48	21	Khongoot	Porphyry Cu (\pm Au)	Cu
L	48	22	Taragt	Evaporate sedimentary gypsum	Gypsum
L	48	23	Shiree Uul (Taragt-2)	Evaporate sedimentary gypsum	Gypsum
L	48	24	Dugshih hudag	Sedimentary celestite	Sr
L	48	25	Kharmagtai 2	Porphyry Cu-Mo (\pm Au, Ag)	Cu
L	48	26	Dorvon Dert	Be tuff	Be
L	48	27	Olon Ovoot	Au in shear zone and quartz vein	Au
L	48	28	Bayan Khoshuu	Barite vein	Ba
L	48	29	Mushgai hudag	REE (\pm Ta, Nb, Fe) carbonatite	REE
L	48	30	Khorimt khudag	Au in shear zone and quartz vein	Au
L	48	31	Teg uul	Be tuff	Be
L	48	32	Khotgor	REE (\pm Ta, Nb, Fe) carbonatite	REE
L	49	1	Aryn nuur	Porphyry Mo (\pm W, Sn, Bi)	Mo
L	49	2	Tumen Tsogt	W \pm Mo \pm Be skarn	W
L	49	3	Tumentsogt	W-Mo-Be greisen, stockwork, and quartz vein	W
L	49	4	Anas	Fluorspar vein	CaF ₂
L	49	5	Berkh 1	Fluorspar vein	CaF ₂
L	49	6	Khol khudag	Fe-Zn skarn	Zn,Fe, Mo
L	49	7	Ondortsagan	W-Mo-Be greisen, stockwork, and quartz vein	W,Mo
L	49	8	Omndelger	Sn-W greisen, stockwork, and quartz vein	Sn
L	49	9	Mungon-Ondur	Sn-W greisen, stockwork, and quartz vein	Zn,Pb, Sn,
L	49	10	Tumurtiin-Ovoo	Fe-Zn skarn	Zn,Fe
L	49	11	Mongon Ondor	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Ag
L	49	12	Salaa	W-Mo-Be greisen, stockwork, and quartz vein	W
L	49	13	Tsagaan chuluut	Porphyry Mo (\pm W, Sn, Bi)	Mo

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
8	Ikh-Hairhan	IH	47°2'22"	105° 10' 11.58"
10	Bayangol	Bgl	47°52'24"	102° 14' 21.41"
11	East Mongolian-Priargunskiy	EMA	45°46'0"	107° 57' 39.87"
12	Tamirgol-Yoroogol	TY	47°36'57"	102° 10' 20.67"
13	Delgerhaan	DE	46°40'25"	104° 53' 2.96"
14	Central Hentii	CHE	46°14'26"	106° 1' 11.38"
15	Battsengel-Uyanga-Erdenedalai	BUE	46°10'15"	104° 58' 9.18"
16	East Mongolian-Priargunskiy	EMA	45°24'4"	106° 47' 38.48"
17	Tsenhermandal-Modot	TsM	45°3'25"	107° 39' 15.00"
18	Unassigned	-	45°12'24"	106° 58' 8.60"
19	Govi-Ugtaal-Baruun-Urt	GB	45°12'22"	106° 36' 16.45"
20	Govi-Tamsag	GT	44°32'27"	107° 36' 7.99"
21	Harmagtai-Hongoot-Oyut	HHO	44°3'4"	107° 51' 45.09"
22	Govi-Tamsag	GT	45°1'24"	104° 29' 19.13"
23	Govi-Tamsag	GT	45°1'26"	104° 20' 17.83"
24	Govi-Tamsag	GT	44°18'26"	105° 26' 7.83"
25	Harmagtai-Hongoot-Oyut	HHO	44°1'17"	106° 8' 51.00"
26	Mushgaihudag-Olgiihiid	MH	44°26'21"	104° 43' 12.22"
27	Ulziit	UZ	44°22'21"	104° 11' 30.77"
28	Unassigned	-	44°23'26"	104° 3' 16.57"
29	Mushgaihudag-Olgiihiid	MH	44°20'51"	104° 4' 42.35"
30	Ulziit	UZ	44°20'8"	104° 8' 36.96"
31	Mushgaihudag-Olgiihiid	MH	44°17'20"	104° 7' 25.03"
32	Mushgaihudag-Olgiihiid	MH	44°6'25"	104° 40' 12.90"
1	Govi-Ugtaal-Baruun-Urt	GB	47°12'24"	113° 57' 4.33"
2	East Mongolian-Priargunskiy	EMA	47°39'22"	112° 11' 2.06"
3	East Mongolian-Priargunskiy	EMA	47°35'41"	112° 5' 38.16"
4	East Mongolian-Priargunskiy	EMA	47°29'53"	112° 7' 34.64"
5	East Mongolian-Priargunskiy	EMA	47°45'54"	111° 10' 18.75"
6	Govi-Ugtaal-Baruun-Urt	GB	46°49'51"	113° 26' 25.30"
7	East Mongolian-Preargunskiy	EMA	47°53'2"	110° 8' 53.39"
8	Central Hentii	CHE	47°58'22"	109° 48' 9.07"
9	East Mongolian-Priargunskiy	EMA	47°51'10"	110° 14' 30.25"
10	Govi-Ugtaal-Baruun-Urt	GB	46°47'32"	113° 19' 26.75"
11	East Mongolian-Priargunskiy	EMA	47°48'37"	110° 11' 10.17"
12	Central Mongolian	CM	46°42'57"	113° 26' 6.40"
13	East Mongolian-Priargunskiy	EMA	47°44'21"	110° 10' 8.56"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
L	49	14	Zaan shiree	Cassiterite-sulfide-silicate vein and stockwork	Sn
L	49	15	Bees	W±Mo±Be skarn	W
L	49	16	Modot	Sn-W greisen, stockwork, and quartz vein	Sn,W
L	49	17	Khujkhan	Sn-W greisen, stockwork, and quartz vein	Sn,W
L	49	18	Bayan Mod	Sn-W greisen, stockwork, and quartz vein	Sn,W
L	49	19	Baruuntsogt	Ta-Nb-REE alkaline metasomatite	Ta
L	49	20	Tugalgatain nuruu	Sn-W greisen, stockwork, and quartz vein	Zn,Pb, Sn,
L	49	21	Galshar	Fluorspar vein	CaF ₂
L	49	22	Itgel Naidvar	Metamorphic graphite	Graphite
L	49	23	Khajuu Ulaan	Fluorspar vein	CaF ₂
L	49	24	Nars	Sediment-hosted U	U
L	49	25	Bor-Undur	Fluorspar vein	CaF ₂
L	49	26	Khokh Del Uul	Ta-Nb-REE alkaline metasomatite	Ta,Nb
L	49	27	Khar Airag	Fluorspar vein	CaF ₂
L	49	28	Ikh Nartyn Khiid	Fluorspar vein	CaF ₂
L	49	29	Bujgar	Fluorspar vein	CaF ₂
L	49	30	Ikh Zelend	W-Mo-Be greisen, stockwork, and quartz vein	W
L	49	31	Haraat	Sediment-hosted U	U
L	49	32	Urgen 1	Volcanic-hosted zeolite	Zeolite
L	49	33	Urgen 2	Carbonate-hosted fluorspar	CaF ₂
L	49	34	Oortsog ovoo	Sn skarn	Sn,Pb,Zn
L	49	35	Tushleg	Volcanic-hosted zeolite	Zeolite
L	49	36	Tsagaantsav	Volcanic-hosted zeolite	Zeolite
L	49	37	Shine	Granitoid-related Au vein	Au,Ag,Cu
L	49	38	Oyuut Ulaan ovoo	Porphyry Cu (±Au)	Cu
L	49	39	Unegt Uul	Evaporate sedimentary gypsum	Gypsum
L	49	40	Nariin khudag	Porphyry Cu (±Au)	Cu
L	50	1	Caobulen, Inner Mongolia	Zn-Pb (Ag, Cu, W) skarn	Pb, Zn
L	50	2	Modon	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Pb,Ag
L	50	3	Aonaodaba, Inner Mongolia	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Ag,Sn
L	50	4	Haobugao, Inner Mongolia	Sn skarn	Sn
L	50	5	Yugzer	W-Mo-Be greisen, stockwork, and quartz vein	W,Mo
L	50	6	Baiyinnuoer, Inner Mongolia	Zn-Pb (Ag, Cu, W) skarn	Pb,Zn
L	50	7	Hegenshan 3756, Inner Mongolia	Podiform chromite	Cr

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
14	East Mongolian-Priargunskiy	EMA	47°14'25"	111° 35' 9.87"
15	Central Hentii	CHE	47°55'26"	109° 12' 12.82"
16	Central Hentii	CHE	47°50'24"	109° 7' 20.03"
17	Central Hentii	CHE	47°45'27"	109° 13' 14.17"
18	Central Hentii	CHE	47°47'43"	109° 0' 50.76"
19	East Mongolian-Priargunskiy	EMA	46°42'25"	111° 43' 6.43"
20	East Mongolian-Priargunskiy	EMA	47°16'25"	109° 46' 8.14"
21	East Mongolian-Priargunskiy	EMA	46°33'1"	110° 58' 53.81"
22	Tsenhermandal-Modot	TsM	46°53'23"	108° 5' 6.93"
23	East Mongolian-Priargunskiy	EMA	46°15'21"	109° 53' 37.21"
24	Govi-Tamsag	GT	44°54'22"	113° 33' 2.95"
25	East Mongolian-Priargunskiy	EMA	46°15'16"	109° 26' 14.56"
26	East Mongolian-Priargunskiy	EMA	46°0'21"	108° 51' 8.95"
27	East Mongolian-Priargunskiy	EMA	45°48'26"	109° 19' 52.46"
28	East Mongolian-Priargunskiy	EMA	45°39'53"	109° 35' 41.73"
29	East Mongolian-Priargunskiy	EMA	45°47'53"	109° 10' 26.63"
30	Central Hentii	CHE	45°42'25"	108° 44' 14.27"
31	Govi-Tamsag	GT	45°37'25"	108° 18' 6.22"
32	Govi-Tamsag	GT	44°46'27"	110° 45' 9.48"
33	Unassigned	-	44°41'25"	110° 44' 8.01"
34	Govi-Ugtaal-Baruun-Urt	GB	45°33'24"	108° 6' 15.73"
35	Govi-Tamsag	GT	44°47'24"	110° 5' 8.47"
36	Govi-Tamsag	GT	44°37'22"	109° 45' 5.33"
37	Harmagtai-Hongoot-Oyut	HHO	44°35'44"	109° 30' 21.56"
38	Harmagtai-Hongoot-Oyut	HHO	44°32'51"	109° 24' 29.45"
39	Govi-Tamsag	GT	44°16'22"	109° 43' 7.42"
40	Harmagtai-Hongoot-Oyut	HHO	44°13'26"	108° 2' 14.72"
1	Daxinganling	DX	46°27'36"	118° 41' 26.34"
2	Nuhetdavaa	ND	46°41'13"	117° 19' 57.32"
3	Daxinganling	DX	44°39'29"	119° 25' 2.05"
4	Daxinganling	DX	44°44'24"	119° 6' 53.99"
5	Nuhetdavaa	ND	45°53'20"	115° 20' 1.27"
6	Daxinganling	DX	44°29'22"	118° 53' 58.30"
7	Hegenshan	Heg	44°45'45"	116° 18' 25.66"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
L	50	8	Hegenshan 620, Inner Mongolia	Podiform chromite	Cr
L	50	9	Maodeng, Inner Mongolia	Cassiterite-sulfide-silicate vein and stockwork	Cu
L	51	1	Lianhuashan, Inner Mongolia	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Cu,Ag
L	51	2	Meng'entaolegai, Inner Mongolia	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Ag,Pb,Zn
L	51	3	Baerzhe, Inner Mongolia	Peralkaline granitoid-related Nb-Zr-REE	Nb,Ta, Be
L	52	1	Yunshan, Luobei County, Heilongjiang Province	Metamorphic graphite	graphite
L	52	2	Dongfengshan, Heilongjiang Province	Homestake Au	Au
L	52	3	Daxilin, Heilongjiang Province	Volcanogenic-hydrothermal-sedimentary massive sulfide Pb-Zn (\pm Cu)	Fe
L	52	4	Shuangyashan, Heilongjiang Province	Banded iron formation (BIF, Algoma Fe)	Fe
L	52	5	Xiaoxilin, Heilongjiang Province	Volcanogenic-hydrothermal-sedimentary massive sulfide Pb-Zn (\pm Cu)	Pb,Zn
L	52	6	Yangbishan, Heilongjiang Province	Magmatic graphite	graphite
L	52	7	Laozhuoshan, Heilongjiang Province	Granitoid-related Au vein	Au
L	52	8	Ergu-Xishan, Heilongjiang Province	Zn-Pb (Ag, Cu, W) skarn	Ag,Pb,Zn
L	52	9	Donghai, Jixi City, Heilongjiang Province	Metamorphic graphite	graphite
L	52	10	Guangyi, Muling, Heilongjiang Province	Magmatic graphite	Graphite
L	52	11	Liumao, Heilongjiang Province	Metamorphic graphite	graphite
L	52	12	Sandaogou, Heilongjiang Province	Metamorphic sillimanite	Sillimanit
L	52	13	Komissarovskoe (Vorob'eva plad), Mingli, Heilongjiang Province	Au-Ag epithermal vein	Au,Ag
L	52	14	Zolotoi Stream (Sofie-Alekseevskoe), Baikal	Zn-Pb (Ag, Cu, W) skarn	Zn
L	52	15	Wudaoling, Heilongjiang Province	Au in shear zone and quartz vein	Au
L	52	16	Niutoushan, Jiutai County, Jilin Province	Porphyry Cu-Mo (\pm Au, Ag)	Cu,Mo
L	52	17	Gongpengzi, Heilongjiang Province	W \pm Mo \pm Be skarn	Mo
L	52	18		Fluorspar vein	Fluorite
L	52	19		Cu (\pm Fe, Au, Ag, Mo) skarn	Cu

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
8	Hegenshan	Heg	44°42'54"	116° 12' 47.50"
9	Daxinganling	DX	44°10'26"	116° 41' 27.41"
1	Daxinganling	DX	45°39'23"	121° 20' 57.69"
2	Daxinganling	DX	45°14'19"	121° 29' 55.91"
3	Daxinganling	DX	45°27'21"	120° 39' 52.55"
1	Jixi	JX	47°48'15"	130° 47' 45.89"
2	Jixi	JX	47°11'26"	129° 54' 38.87"
3	Xilin	XL	47°29'24"	128° 50' 46.95"
4	Jixi	JX	46°42'18"	131° 5' 28.77"
5	Xilin	XL	47°20'19"	128° 57' 44.32"
6	Jixi	JX	46°39'33"	130° 49' 41.80"
7	Laozhuoshan	LZ	46°15'22"	131° 31' 41.57"
8	Bindong	Bin	47°4'24"	128° 19' 39.66"
9	Jixi	JX	45°19'32"	131° 0' 37.30"
10	Jixi	JX	45°15'28"	130° 37' 39.17"
11	Jixi	JX	45°4'8"	130° 46' 34.87"
12	Jixi	JX	45°9'54"	130° 30' 22.03"
13	Laoeling-Grodekov	LG	44°33'6"	131° 26' 50.43"
14	Bindong	Bin	45°39'29"	127° 30' 16.59"
15	Laoeling-Grodekov	LG	44°16'18"	131° 23' 19.93"
16	Laoeling-Grodekov	LG	44°11'15"	131° 5' 40.41"
17	Bindong	Bin	45°14'23"	127° 9' 49.36"
18	North Jilin	NJ	44°20'26"	126° 16' 29.76"
19	Bindong	Bin	45°27'6"	127° 28' 13.76"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
L	53	1	Khvoshchovoe	Porphyry Cu-Mo (\pm Au, Ag)	Cu,Mo
L	53	2	Kafen	Porphyry Cu-Mo (\pm Au, Ag)	Cu,Mo
L	53	3	Katenskoe	Zoned mafic-ultramafic Cr-PGE	Ti
L	53	4	Salyut	Au-Ag epithermal vein	Au,Ag
L	53	5	Glinyano	Au-Ag epithermal vein	Au,Ag
L	53	6	Malakhitovoe	Porphyry Cu-Mo (\pm Au, Ag)	Cu,Mo
L	53	7	Verkhnezolotoe	Porphyry Cu (\pm Au)	Cu,Sn
L	53	8	Nesterovskoe	Porphyry Cu (\pm Au)	Cu
L	53	9	Yantarnoe	Porphyry Sn	Sn
L	53	10	Lermontovsky	W \pm Mo \pm Be skarn	W
L	53	11	Vostok-2	W \pm Mo \pm Be skarn	W
L	53	12	Zvezdnoe	Porphyry Sn	Sn
L	53	13	Tigrinoe	Sn-W greisen, stockwork, and quartz vein	Sn,W, Ta,
L	53	14	Zimnee	Sn-W greisen, stockwork, and quartz vein	Sn,Pb, Zn
L	53	15	Tayozhnoe 1	Au-Ag epithermal vein	Ag
L	53	16	Dalnetayozhnoe	Sn-W greisen, stockwork, and quartz vein	Sn,Pb, Zn
L	53	17	Zabytoe	W-Mo-Be greisen, stockwork, and quartz vein	W,Sn, Bi
L	53	18	Malinovskoe	Porphyry Cu (\pm Au)	Cu
L	53	19	Plastun	Porphyry Cu (\pm Au)	Cu
L	53	20	Ariadnoe	Mafic-ultramafic related Ti-Fe (V)	Ti
L	53	21	Skrytoe	W \pm Mo \pm Be skarn	W
L	53	22	Yuzhnoe	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn, Ag
L	53	23	Ussuri	Banded iron formation (BIF, Superior Fe)	Fe
L	53	24	Nikolaevskoe	Zn-Pb (Ag, Cu, W) skarn	Pb,Zn
L	53	25	Smirnovskoe	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn, Sn
L	53	26	Krasnogorskoye 2	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Pb,Zn
L	53	27	Lidovskoe	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn
L	53	28	Dalnorsk	Boron (datolite) skarn	B
L	53	29	Partizanskoe (Soviet 2, Svetly Otvod)	Zn-Pb (Ag, Cu, W) skarn	Pb,Zn
L	53	30	Zarechnoe	Porphyry Cu (\pm Au)	Cu
L	53	31	Khrustalnoe	Cassiterite-sulfide-silicate vein and stockwork	Sn
L	53	32	Vysokogorskoe	Cassiterite-sulfide-silicate vein and stockwork	Sn
L	53	33	Arsenievsky	Sn-W greisen, stockwork, and quartz vein	Sn
L	53	34	Koksharovskoe	Mafic-ultramafic related Ti-Fe (V)	Ti
L	53	35	Lazurnoe	Porphyry Cu-Mo (\pm Au, Ag)	Cu,Mo
L	53	36	Chernyshevskoe	Korean Pb-Zn massive sulfide	Zn,Pb

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
1	Samarka	Sam	47°57'58"	136° 10' 40.01"
2	Samarka	Sam	47°35'8"	136° 15' 2.31"
3	Ariadny	AR	47°16'53"	136° 12' 29.38"
4	Kema	Kem	46°21'26"	137° 40' 29.19"
5	Kema	Kem	46°10'25"	137° 54' 36.62"
6	Samarka	Sam	47°5'14"	135° 3' 57.96"
7	Kema	Kem	46°31'28"	136° 25' 25.51"
8	Kema	Kem	46°3'16"	137° 48' 52.97"
9	Luzhkinsky	LZH	46°19'40"	136° 33' 25.33"
10	Samarka	Sam	46°56'8"	134° 26' 54.28"
11	Samarka	Sam	46°27'30"	135° 52' 14.01"
12	Luzhkinsky	LZH	46°9'51"	136° 30' 2.75"
13	Luzhkinsky	LZH	46°4'46"	135° 44' 26.71"
14	Luzhkinsky	LZH	45°45'51"	135° 57' 13.56"
15	Kema	Kem	45°29'13"	136° 38' 57.84"
16	Luzhkinsky	LZH	45°39'18"	136° 7' 28.74"
17	Luzhkinsky	LZH	45°38'24"	135° 24' 38.87"
18	Luzhkinsky	LZH	45°7'37"	135° 1' 52.77"
19	Sergeevka-Taukha	Ser	44°38'17"	136° 11' 52.63"
20	Ariadny	AR	45°11'55"	134° 27' 15.81"
21	Samarka	Sam	45°4'29"	134° 34' 41.30"
22	Luzhkinsky	LZH	44°44'12"	135° 20' 43.43"
23	Kabarga	KB	45°17'30"	133° 37' 18.35"
24	Sergeevka-Taukha	Ser	44°34'42"	135° 39' 27.99"
25	Luzhkinsky	LZH	44°37'26"	135° 19' 36.25"
26	Sergeevka-Taukha	Ser	44°23'26"	135° 57' 36.85"
27	Sergeevka-Taukha	Ser	44°25'24"	135° 48' 9.46"
28	Sergeevka-Taukha	Ser	44°27'14"	135° 33' 10.97"
29	Sergeevka-Taukha	Ser	44°24'44"	135° 29' 22.37"
30	Luzhkinsky	LZH	44°38'55"	134° 38' 37.57"
31	Luzhkinsky	LZH	44°27'35"	134° 58' 23.49"
32	Luzhkinsky	LZH	44°20'15"	135° 9' 38.43"
33	Luzhkinsky	LZH	44°24'47"	134° 46' 50.30"
34	Ariadny	AR	44°27'1"	134° 7' 40.44"
35	Luzhkinsky	LZH	44°5'28"	134° 23' 37.62"
36	Voznesenka	VZ	44°23'26"	133° 16' 41.79"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
L	53	37	Voznesenka-I	Korean Pb-Zn massive sulfide	Zn
L	53	38	Yaroslavskoe	Sn-W greisen, stockwork, and quartz vein	Sn
L	53	39	Voznesenka-II	Fluorite greisen	Fluorite
L	54	1	Yagodnoe	Au-Ag epithermal vein	Au,Ag
L	54	2	Burmatovskoe	Au-Ag epithermal vein	Au,Ag
L	54	3	Sukhoe	Au-Ag epithermal vein	Au,Ag
L	54	4	Motokura	Au-Ag epithermal vein	Pb,Zn, Cu
L	54	5	Ryushoden	Hg-Sb-W vein and stockwork	Hg
L	54	6	Numanoue	Au-Ag epithermal vein	Ag,Au
L	54	7	Sanru	Au-Ag epithermal vein	Au,Ag
L	54	8	Konomai	Au-Ag epithermal vein	Au,Ag
L	54	9	Shimokawa	Besshi Cu-Zn-Ag massive sulfide	Cu,Zn, Co
M	44	1	Alexandrovskoye I	W-Mo-Be greisen, stockwork, and quartz vein	W
M	44	2	Mulchichinskoye	W-Mo-Be greisen, stockwork, and quartz vein	W,Mo
M	44	3	Kazancevskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
M	44	4	Chernukhinskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
M	44	5	Verkhne-Sludianskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
M	44	6	Chagyrskoye	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Pb,Zn
M	44	7	Plotbistchenskoye	W-Mo-Be greisen, stockwork, and quartz vein	Mo
M	44	8	Chesnokovskoye	Fe skarn	Fe
M	44	9	Kharlovskoye	Zoned mafic-ultramafic Cr-PGE	Fe,Ti
M	44	10	Maslenskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Cu
M	44	11	Korgon	Volcanogenic-sedimentary Fe	Fe
M	44	12	Inskoye	Fe skarn	Fe
M	44	13	Zacharovskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn,Pb, Cu
M	44	14	Stepnoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Pb,Zn
M	44	15	Talovskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn,Pb, Cu
M	44	16	Kolivanskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
M	44	17	Rubtsovskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Cu,Zn, Pb
M	44	18	Cherepanovskoye	Polymetallic (Pb, Zn±Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Pb,Zn
M	44	19	Mayskoye 2	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Pb,Zn
M	44	20	Korbalihinskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn,Pb, Cu
M	44	21	Tushkanikhinskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Pb,Zn
M	44	22	Lazurskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Pb,Zn
M	44	23	Semenovskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn,Pb, Cu
M	44	24	Srednee	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Pb,Zn

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
37	Voznesenka	VZ	44°17'35"	132° 6' 58.91"
38	Yaroslavka	YA	44°15'17"	132° 13' 29.75"
39	Yaroslavka	YA	44°10'27"	132° 7' 42.91"
1	Kema	Kem	47°8'15"	138° 34' 13.40"
2	Kema	Kem	47°4'56"	138° 5' 48.98"
3	Kema	Kem	46°57'21"	138° 8' 24.82"
4	Northeast Hokkaido	NEH	44°40'36"	142° 27' 51.51"
5	Northeast Hokkaido	NEH	44°18'14"	143° 18' 52.75"
6	Northeast Hokkaido	NEH	44°10'8"	143° 25' 29.30"
7	Northeast Hokkaido	NEH	44°22'33"	142° 38' 4.00"
8	Northeast Hokkaido	NEH	44°7'28"	143° 20' 27.12"
9	Hidaka	HD	44°12'51"	142° 41' 0.33"
1	Kolyvansk	Kol	51°45'32"	83° 51' 43.97"
2	Kolyvansk	Kol	51°42'21"	83° 57' 9.79"
3	Kolyvansk	Kol	51°46'17"	83° 42' 15.15"
4	Kolyvansk	Kol	51°38'48"	84° 0' 11.21"
5	Kolyvansk	Kol	51°41'50"	83° 44' 4.96"
6	Korgon-Kholzun	KKh	51°28'35"	83° 13' 40.51"
7	Kolyvansk	Kol	51°23'35"	82° 59' 46.65"
8	Korgon-Kholzun	KKh	51°5'37"	83° 28' 34.33"
9	Korgon-Kholzun	KKh	51°23'35"	82° 31' 36.71"
10	Rudny Altai	RA	51°24'35"	82° 24' 43.98"
11	Korgon-Kholzun	KKh	50°54'32"	83° 51' 36.99"
12	Korgon-Kholzun	KKh	51°2'8"	83° 9' 38.10"
13	Rudny Altai	RA		
14	Rudny Altai	RA	51°25'35"	81° 55' 45.64"
15	Rudny Altai	RA		
16	Kolyvansk	Kol	51°10'37"	82° 39' 9.48"
17	Rudny Altai	RA	51°36'38"	81° 23' 41.08"
18	Rudny Altai	RA	51°10'22"	82° 20' 32.56"
19	Rudny Altai	RA	51°16'46"	81° 59' 6.47"
20	Rudny Altai	RA	50°59'32"	81° 41' 38.87"
21	Rudny Altai	RA	51°27'32"	81° 30' 38.23"
22	Rudny Altai	RA	51°12'45"	82° 9' 32.36"
23	Rudny Altai	RA	51°4'41"	82° 31' 17.37"
24	Rudny Altai	RA	51°10'41"	82° 3' 4.24"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
M	44	25	Zarechenskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Au,Pb, Zn,
M	44	26	Zmeinogorskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn,Pb, Cu,
M	44	27	Beloretskoye	Fe skarn	Fe
M	44	28	Beloretsskoye	W±Mo±Be skarn	W,Be
M	44	29	Loktevskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Pb,Zn
M	44	30	Jubileinoe	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn,Pb, Cu
M	44	31	Yubileinoe 2	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn,Pb, Cu
M	44	33	Zolotushinskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn,Cu, Pb
M	44	34	Novo-Zolotushinskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn,Cu, Pb
M	45	1	Karagosh	W-Mo-Be greisen, stockwork, and quartz vein	Mo
M	45	2	Jaryshol	Fe skarn	Fe
M	45	3	Sinyukhinskoye	Au skarn	Au
M	45	4	Kulbich	Porphyry Cu-Mo (±Au, Ag)	Cu,Mo
M	45	5	Osokinskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
M	45	6	Baliktigkhem	Sn-W greisen, stockwork, and quartz vein	Sn
M	45	7	Sarasinskoye	Carbonate-hosted Hg-Sb	Hg
M	45	8	Sary-Gimatei	Carbonate-hosted Pb-Zn (Mississippi valley type)	Pb,Zn
M	45	9	Batunkovskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
M	45	10	Ustaurikhinskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
M	45	11	Munguntayga	W-Mo-Be greisen, stockwork, and quartz vein	Mo
M	45	12	Osinovskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
M	45	13	Cheremshanskoye	Carbonate-hosted Hg-Sb	Hg
M	45	14	Ilyinskoye	Sedimentary exhalative Pb-Zn (SEDEX)	Pb,Zn
M	45	15	Ivankinskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
M	45	16	Asgat	Ag-Sb vein	Ag, Sb
M	45	17	Ozernoye 1	Volcanogenic-hydrothermal-sedimentary massive sulfide Pb-Zn (±Cu)	Ag,Sb
M	45	18	Shirgaita	Sedimentary exhalative Pb-Zn (SEDEX)	Pb,Zn
M	45	19	Krasnogorskoye 1	Silica-carbonate (listvenite) Hg	Hg
M	45	20	Kyzylchin	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Zn,Pb
M	45	21	Chagan-Uzunskoye	Silica-carbonate (listvenite) Hg	Hg
M	45	22	Kazandinskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
M	45	23	Aktashskoye	Carbonate-hosted Hg-Sb	Hg
M	45	24	Chagan-Burgazy	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Ag,Pb
M	45	25	Ursulskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Pb,Zn
M	45	26	Rudny Log	Volcanogenic-sedimentary Fe	Fe
M	45	27	Timofeevskoe	Fe skarn	Fe

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
25	Rudny Altai	RA	51°7'4"	82° 12' 4.14"
26	Rudny Altai	RA	51°5'43"	82° 24' 12.80"
27	Korgon-Kholzun	KKh	51°0'29"	82° 30' 44.44"
28	Kolyvansk	Kol	50°45'37"	83° 0' 40.62"
29	Rudny Altai	RA	51°14'9"	81° 14' 46.10"
30	Rudny Altai	RA	50°51'36"	81° 51' 11.50"
31	Rudny Altai	RA	51°17'28"	81° 52' 16.82"
33	Rudny Altai	RA	51°0'10"	81° 26' 38.37"
34	Rudny Altai	RA	50°56'1"	81° 28' 40.24"
1	Kolyvansk	Kol	51°46'33"	89° 22' 33.98"
2	Unassigned		51°26'32"	88° 9' 34.20"
3	Martaiginsk	MT	51°54'36"	86° 41' 37.06"
4	Unassigned		51°40'33"	86° 46' 43.22"
5	Kolyvansk	Kol	51°45'44"	85° 13' 26.01"
6	Kalgutinsk	KG	50°20'59"	90° 0' 7.39"
7	Sarasinsk	SR	51°45'30"	85° 30' 37.52"
8	Unassigned		50°14'33"	90° 0' 3.60"
9	Kolyvansk	Kol	51°41'23"	85° 15' 51.25"
10	Kolyvansk	Kol	51°50'37"	84° 30' 42.46"
11	Kalgutinsk	KG	49°58'31"	89° 48' 6.93"
12	Kolyvansk	Kol	51°43'26"	84° 32' 9.45"
13	Sarasinsk	SR	51°26'4"	85° 18' 12.43"
14	Shirgaita	SH	51°28'34"	85° 4' 42.82"
15	Kolyvansk	Kol	51°39'43"	84° 26' 38.90"
16	Kurai-Tolbo Nuur	KTN	49°51'50"	89° 39' 5.91"
17	Kurai-Tolbo Nuur	KTN	49°49'31"	89° 31' 38.03"
18	Shirgaita	SH	51°11'37"	85° 16' 41.98"
19	Kurai	KTN	50°2'26"	88° 18' 8.53"
20	Korgon-Kholzun	KKh	50°5'6"	88° 24' 55.65"
21	Kurai-Tolbo Nuur	KTN	50°3'30"	88° 9' 41.20"
22	Kolyvansk	Kol	51°15'35"	84° 21' 42.81"
23	Kurai-Tolbo Nuur	KTN	50°11'30"	87° 12' 32.73"
24	Kalgutinsk	KG	49°39'34"	88° 36' 33.67"
25	Shirgaita	SH	50°37'35"	85° 39' 34.86"
26	Korgon-Kholzun	KKh	49°24'33"	89° 0' 38.01"
27	Korgon-Kholzun	KKh	51°0'43"	84° 11' 2.72"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
M	45	28	Kazinikhinskoye	Polymetallic (Pb, Zn±Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Zn,Pb, Cu
M	45	29	Karagem	Co skarn	Co
M	45	30	Khuren Khairkhan uul	Bedded barite	Ba
M	45	31	Krasnoyarskoye	Polymetallic (Pb, Zn±Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Pb,Zn
M	45	32	Toshint Uul	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Cu
M	45	33	Ulaan khus	Clastic sediment-hosted Hg±Sb	Hg
M	45	34	Urzarsaiskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
M	45	35	Uzuurtolgoi	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn, Pb
M	45	36	Vladimirovskoye	Co skarn	Co
M	45	37	Akkemskoye	W-Mo-Be greisen, stockwork, and quartz vein	Mo
M	45	38	Malachite	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Cu
M	45	39	Kalgutinskoye 1	W-Mo-Be greisen, stockwork, and quartz vein	W,Mo
M	45	40	Kalgutinskoye 2	Volcanogenic-sedimentary Fe	Fe
M	45	41	Mushgu	Hg-Sb-W vein and stockwork	W,Sb
M	45	42	Onhot uul	Sediment-hosted Cu	Cu
M	45	43	Akalakhinskoye	Alkaline complex-hosted Au	Li,Ta, Nb,
M	45	44	Kara-Alakha	W-Mo-Be greisen, stockwork, and quartz vein	W
M	45	45	Khovd gol	W-Mo-Be greisen, stockwork, and quartz vein	W,Sb
M	45	46	Koksinskoye	Volcanogenic-sedimentary Fe	Fe
M	45	47	Dungerekh	W-Mo-Be greisen, stockwork, and quartz vein	Mo,W
M	45	48	Kok-Kolskoye	W-Mo-Be greisen, stockwork, and quartz vein	W,Mo
M	45	49	Kholzunskoye	Volcanogenic-sedimentary Fe	Fe
M	45	50	Nominy Am	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Cu
M	45	51	Chindagatuiszkoye	W-Mo-Be greisen, stockwork, and quartz vein	W,Mo
M	45	52	Qibeiling, Xinjiang	Muscovite pegmatite	Muscovite
M	45	53	Qilinmutaer, Xinjiang	Muscovite pegmatite	Muscovite
M	46	1	Proezdnoye	Granitoid-related Au vein	Au
M	46	2	Tardan	Au skarn	Au
M	46	3	Tora-Sairstskoye	Clastic sediment-hosted Hg±Sb	Hg
M	46	4	Arzakszkoye	Volcanic-hosted Hg	Hg
M	46	5	Akolszkoye	Ni-Co arsenide vein	Ag,Sb
M	46	6	Terligkhaiskoye	Volcanic-hosted Hg	Hg
M	46	7	Uzun-Oy	Ni-Co arsenide vein	Co,Cu
M	46	8	Hovu-Aksinskoye	Ni-Co arsenide vein	Co,Ni
M	46	9	Aryskanskoye 2	Banded iron formation (BIF, Superior Fe)	Fe
M	46	10	Karasugskoye	Fe-REE carbonatite	REE,Fe, Ca
M	46	11	Mugurskoye	Banded iron formation (BIF, Superior Fe)	Fe

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
28	Korgon-Kholzun	KKh	51°0'25"	84° 3' 13.36"
29	Unassigned	-	49°54'35"	87° 11' 40.24"
30	Unassigned	-	49°15'34"	89° 3' 28.69"
31	Korgon-Kholzun	KKh	50°51'35"	84° 13' 35.38"
32	Deluun-Sagsai	DS	48°57'51"	89° 44' 51.24"
33	Kurai-Tolbo Nuur	KTN	49°1'25"	89° 32' 0.38"
34	Kalgutinsk	KG	49°22'31"	88° 25' 38.77"
35	Uzuurtolgoi	Uzu	48°57'59"	89° 29' 10.29"
36	Unassigned		50°45'34"	84° 5' 44.45"
37	Kalgutinsk	KG	49°45'36"	86° 47' 35.90"
38	Uzuurtolgoi	Uzu	48°48'2"	89° 33' 2.18"
39	Kalgutinsk	KG	49°14'20"	88° 2' 14.86"
40	Korgon-Kholzun	KKh	49°10'15"	88° 4' 59.60"
41	Hovd gol	Hovd	48°43'34"	89° 23' 57.78"
42	Deluun-Sagsai	DS	48°40'16"	89° 31' 12.21"
43	Kalgutinsk	KG	49°26'30"	87° 4' 32.87"
44	Kalgutinsk	KG	49°18'33"	87° 8' 47.10"
45	Mongol Altai	MA	48°43'33"	88° 51' 31.11"
46	Korgon-Kholzun	KKh	50°14'34"	84° 9' 6.90"
47	Mongol Altai	MA	48°50'32"	88° 18' 24.48"
48	Kalgutinsk	KG	49°24'32"	86° 28' 39.77"
49	Korgon-Kholzun	KKh	50°7'34"	84° 14' 38.55"
50	Deluun-Sagsai	DS	48°13'31"	89° 42' 30.39"
51	Kalgutinsk	KG	49°14'8"	86° 36' 7.79"
52	Altay -Turgen	AT	48°9'35"	87° 40' 29.21"
53	Altay -Turgen	AT	48°17'47"	86° 59' 32.81"
1	Ondumsk	ON	51°54'27"	95° 53' 24.33"
2	Ondumsk	ON	51°39'32"	95° 14' 24.98"
3	Terligkhaisk	Trh	51°22'27"	94° 24' 32.50"
4	Terligkhaisk	Trh	51°30'30"	93° 22' 23.44"
5	Khovuaksinsk	Khs	51°47'30"	92° 15' 29.47"
6	Terligkhaisk	Trh	51°29'31"	93° 6' 31.09"
7	Khovuaksinsk	Khs	51°16'28"	93° 45' 26.45"
8	Khovuaksinsk	Khs	51°8'31"	93° 43' 30.49"
9	Mugursk	MG	50°17'35"	95° 17' 2.11"
10	Karasug	KA	51°18'28"	92° 6' 25.87"
11	Mugursk	MG	50°15'24"	95° 9' 52.47"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
M	46	12	Eligkhem	Granitoid-related Au vein	Au
M	46	13	Ulatayskoye	Fe-REE carbonatite	Fe,REE
M	46	14	Shuden uul	Evaporate halite	Halite
M	46	16	Chergak	Ni-Co arsenide vein	Co,Cu, Ni
M	46	17	Actovrak	Serpentine-hosted asbestos	Chrysotile
M	46	18	Oyut tolgoi 2	Mafic-ultramafic related Cu-Ni-PGE	Cu
M	46	19	Pertoyskoye	Polymetallic (Pb, Zn±Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Pb,Zn
M	46	20	Tsagdaltyn Davaa	Mafic-ultramafic related Cu-Ni-PGE	Ni
M	46	21	Tomorchuluut	Banded iron formation (BIF, Superior Fe)	Fe
M	46	22	Tolailyk	Ni-Co arsenide vein	Co,Cu
M	46	23	Borts Uul	Volcanogenic Cu-Zn massive sulfide (Urals type)	Cu
M	46	24	Chazadyrskoye	Silica-carbonate (listvenite) Hg	Hg
M	46	25	Ulaantolgoi	Peralkaline granitoid-related Nb-Zr-REE	Zr,Nb, Ta,
M	46	26	Bayankhairkhan	Au skarn	Au-Cu-Fe
M	46	27	Yolochka	Cu (±Fe, Au, Ag, Mo) skarn	Au(Cu,Fe)
M	46	28	Erdenekhairkhan	Cu (±Fe, Au, Ag, Mo) skarn	Au,Cu, Fe
M	46	29	Khagarlyn	Cu (±Fe, Au, Ag, Mo) skarn	Au,Cu
M	46	30	Shartolgoi	Ta-Nb-REE alkaline metasomatite	Ta,Nb, Zr,
M	46	31	Nukhet	Carbonate-hosted Pb-Zn (Mississippi valley type)	Zn,Pb
M	46	32	Namiryn gol	Au-Ag epithermal vein	Cu
M	46	33	Gozgor	Volcanogenic Cu-Zn massive sulfide (Urals type)	Cu
M	46	34	Achit nuur	W-Mo-Be greisen, stockwork, and quartz vein	W
M	46	35	Kupol	Sediment-hosted Cu	Cu
M	46	36	Otor uul	Cu (±Fe, Au, Ag, Mo) skarn	Cu
M	46	37	Daltyn Khudag	Sn skarn	Sn
M	46	38	Omnogobi	Sediment-hosted Cu	Cu
M	46	39	Khatuugiin	Ta-Nb-REE alkaline metasomatite	REE-Zr-Ta
M	46	40	Umnu Khutel	W-Mo-Be greisen, stockwork, and quartz vein	W,Mo
M	46	41	Dulaan khar uul	Ag-Pb epithermal vein	Ag,Pb, Zn
M	46	42	Bayanbulag	Sediment-hosted Cu	Cu
M	46	43	Khuren tolgoi	Volcanogenic Cu-Zn massive sulfide (Urals type)	Cu
M	46	44	Ulaan uul	W-Mo-Be greisen, stockwork, and quartz vein	W
M	46	45	Molybdenum Stockwork	W-Mo-Be greisen, stockwork, and quartz vein	Mo,W
M	46	46	Tsunkheg	W-Mo-Be greisen, stockwork, and quartz vein	W
M	46	47	Maikhan Uul	Albite syenite-related REE	Ta-Nb-REE
M	46	48	Tsakhir	Peralkaline granitoid-related Nb-Zr-REE	Nb,Ta
M	46	49	Khalzanburegtei	Ta-Nb-REE alkaline metasomatite	Nb,Zr
M	46	50	Teht	Ni-Co arsenide vein	Co

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
12	Unassigned	-	50°54'31"	92° 44' 30.47"
13	Karasug	KA	50°49'60"	92° 17' 29.69"
14	Unassigned	-	50°39'27"	92° 30' 29.80"
16	Chergak	ChG	51°3'35"	91° 0' 31.92"
17	Khemchik-Kurtushubinsk	KhK	51°9'29"	90° 34' 36.25"
18	Telmen	TL	49°15'27"	95° 58' 26.84"
19	Unassigned	-	50°45'31"	90° 43' 33.98"
20	Lake	LA	49°11'28"	95° 18' 29.01"
21	Khan Hokhii	KH	49°24'29"	94° 7' 32.36"
22	Chergak	ChG	50°28'27"	90° 35' 29.59"
23	Lake	LA	49°18'11"	93° 58' 50.70"
24	Terligkhaisk	Trh	50°23'30"	90° 27' 35.01"
25	Khalzanburged	KhZ	49°27'31"	93° 2' 24.47"
26	Genral Mongolian	CM	48°43'15"	94° 26' 47.11"
27	Hovd	HO	49°33'48"	91° 51' 31.25"
28	Central Mongolian	CM	48°10'25"	95° 44' 44.10"
29	Hovd	HO	49°24'37"	91° 49' 42.76"
30	Khalzanburged	KhZ	49°4'32"	92° 43' 30.27"
31	Central Mongolian	CM	48°16'28"	94° 56' 24.01"
32	Uuregnuur	UN	49°20'33"	91° 39' 32.25"
33	Lake	LA	49°13'24"	91° 57' 46.57"
34	Mongol Altai	MA	49°32'9"	90° 52' 8.22"
35	Uuregnuur	UN	49°15'30"	91° 41' 33.15"
36	Deluun-Sagsai	DS	49°20'31"	91° 13' 34.61"
37	Deluun-Sagsai	DS	49°23'41"	91° 3' 53.18"
38	Hovd	HO	49°5'33"	91° 38' 27.16"
39	Mongol Altai	MA	48°52'11"	91° 56' 39.88"
40	Mongol Altai	MA	48°55'49"	91° 35' 5.72"
41	Deluun-Sagsai	DS	49°18'27"	90° 26' 31.07"
42	Deluun-Sagsai	DS	48°46'29"	91° 54' 34.09"
43	Lake	LA	48°41'33"	91° 51' 27.27"
44	Mongol Altai	MA	49°13'58"	90° 17' 22.55"
45	Mongol Altai	MA	49°11'11"	90° 10' 39.54"
46	Mongol Altai	MA	49°10'31"	90° 3' 31.35"
47	Mongol Altai	MA	48°50'28"	91° 1' 14.68"
48	Khalzanburged	KhZ	48°29'32"	91° 55' 33.36"
49	Khalzanburged	KhZ	48°21'32"	91° 56' 28.79"
50	Kurai-Tolbo Nuur	KTN	48°40'13"	90° 25' 9.99"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
M	46	51	Khyargas	Granitoid-related Au vein	Au, Ag, Cu
M	46	51	Sharbuureg	Ag-Sb vein	Ag, Sb
M	46	52	Khatuugiin gol	Sediment-hosted Cu	Cu
M	46	53	Tolbo nuur	Ag-Sb vein	Ag, Sb
M	46	54	Tolbo	Au-Ag epithermal vein	Cu
M	46	55	Khukh-Adar	Volcanogenic-hydrothermal-sedimentary massive sulfide Pb-Zn (\pm Cu)	Cu, Zn, Pb
M	46	56	Baruun Tserd	Evaporate sedimentary gypsum	Gypsum
M	46	58	Khargait 2	Au-Ag epithermal vein	Cu
M	46	59	Tsagaangol	Ni-Co arsenide vein	Co
M	47	1	Boksonskoye	Sedimentary bauxite	Al
M	47	2	Uhagol	Sedimentary phosphate	P
M	47	3	Uliin davaa	Sedimentary phosphate	P
M	47	4	Hogorgo	Sedimentary phosphate	P
M	47	5	Khachim gol	Mafic-ultramafic related Ti-Fe (V)	Fe
M	47	6	Tsagaan Nuur	Sedimentary phosphate	P
M	47	7	Saihangol	Volcanogenic-sedimentary Mn	Mn
M	47	8	Hubsugul	Sedimentary phosphate	P
M	47	9	Bagatsagaan gol	Volcanogenic-sedimentary Mn	Mn
M	47	10	Berhem uul	Sedimentary phosphate	P
M	47	11	Khargana gol	Metamorphic graphite	Graphite
M	47	12	Manhan uul	Sedimentary phosphate	P
M	47	13	Duchin gol	Magmatic nepheline	Al
M	47	14	Beltesin gol	Magmatic nepheline	Al
M	47	15	Uvurmaraat (Ujigin gol)	Magmatic nepheline	Al
M	47	16	Dalan	Sedimentary phosphate	P
M	47	17	Suultolgoi	Sedimentary phosphate	P
M	47	18	Altanboom	Ta-Nb-REE alkaline metasomatite	Ta
M	47	19	Burenhan	Sedimentary phosphate	P
M	47	20	Hitagiin gol	Sedimentary Fe-V	V
M	47	21	Khanjargalant Uul	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu
M	47	22	Manganese	Volcanogenic-sedimentary Mn	Mn
M	47	23	Tsagaan Tolgoi	W-Mo-Be greisen, stockwork, and quartz vein	Mo
M	47	24	Khoo Ulaan Uul	Porphyry Cu-Mo (\pm Au, Ag)	Cu
M	47	25	Kuskunug	Serpentine-hosted asbestos	Chrysotile
M	47	26	Agashskoye	Ta-Nb-REE alkaline metasomatite	Ta, Nb, REE
M	47	28	Kharlinskoye	Magmatic nepheline	Al
M	47	29	Verkhne-Kundusskoye	Ta-Nb-REE alkaline metasomatite	Ta, Nb, REE

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
51	Lake	LA	49°18'45"	93° 51' 4.42"
51	Kurai-Tolbo Nuur	KTN	48°36'38"	90° 28' 59.52"
52	Deluun-Sagsai	DS	48°37'45"	90° 7' 52.03"
53	Kurai-Tolbo Nuur	KTN	48°34'40"	90° 15' 59.08"
54	Kurai-Tolbo Nuur	KTN	48°23'31"	90° 19' 36.09"
55	Uzuurtolgoi	Uzu	48°17'33"	90° 22' 26.40"
56	Unassigned	-	50°24'31"	91° 43' 31.83"
58	Uuregnuur	UN	49°26'31"	91° 36' 36.08"
59	Kurai-Tolbo Nuur	KTN	48°41'2"	90° 13' 44.39"
1	Bokson-Kitoiskiy	B-K	51°58'30"	100° 8' 19.88"
2	Hovsgol	Hovs	51°41'25"	100° 2' 19.86"
3	Hovsgol	Hovs	51°10'24"	100° 9' 19.12"
4	Hovsgol	Hovs	51°25'29"	99° 20' 17.26"
5	Khachimgol	Kch	51°6'23"	100° 16' 15.59"
6	Hovsgol	Hovs	51°13'29"	99° 23' 20.95"
7	Hovsgol	Hovs	50°51'27"	100° 8' 24.27"
8	Hovsgol	Hovs	50°40'34"	100° 11' 53.92"
9	Hovsgol	Hovs	50°40'15"	100° 3' 45.16"
10	Hovsgol	Hovs	50°21'28"	100° 6' 54.73"
11	Unassigned	-	50°19'24"	99° 59' 45.06"
12	Hovsgol	Hovs	50°16'25"	100° 8' 26.33"
13	Bugseingol-Ovormaraat	BOM	50°21'24"	99° 37' 23.11"
14	Bugseingol-Ovormaraat	BOM	50°26'24"	99° 21' 23.29"
15	Bugseingol-Ovormaraat	BOM	50°15'24"	99° 43' 25.76"
16	Hovsgol	Hovs	49°55'44"	100° 2' 7.77"
17	Hovsgol	Hovs	50°0'10"	100° 5' 36.43"
18	Bugseingol-Ovormaraat	BOM	50°19'31"	98° 30' 23.13"
19	Hovsgol	Hovs	49°47'30"	99° 57' 32.62"
20	Hovsgol	Hovs	49°48'24"	99° 50' 6.33"
21	Telmen	TL	49°43'4"	100° 4' 14.91"
22	Hovsgol	Hovs	49°39'55"	99° 58' 30.98"
23	Unassigned	-	49°40'30"	99° 40' 20.76"
24	Orhon-Selenge	OS	48°53'28"	101° 55' 14.55"
25	Unassigned	-	50°37'28"	96° 24' 26.81"
26	Ulug-Tanzek	UT	50°10'26"	97° 40' 29.63"
28	Bayan-Kol	BK	50°31'46"	96° 35' 30.33"
29	Ulug-Tanzek	UT	50°13'27"	97° 13' 23.87"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
M	47	30	Dahu-Nurskoye	Magmatic nepheline	Al
M	47	31	Shukbulskoye	REE-Li pegmatite	Li
M	47	32	Toskulskoye	Magmatic nepheline	Al
M	47	33	Zost tolgoi	Porphyry Cu-Mo (\pm Au, Ag)	Cu, Mo
M	47	34	Minjuurt tolgoi	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu
M	47	35	Pichi-Kholskoye	Magmatic nepheline	Al
M	47	36	Tsagaan-Uul	Sedimentary exhalative Pb-Zn (SEDEX)	Zn, Pb
M	47	37	Ulug-Tanzek	Ta-Nb-REE alkaline metasomatite	Ta, Nb, REE
M	47	38	Ulan-Erginskoye	Magmatic nepheline	Al
M	47	39	Korgere-Daba	Magmatic nepheline	Al
M	47	40	Kara-Adyr	REE-Li pegmatite	Li
M	47	41	Chikskoye	Magmatic nepheline	Al
M	47	42	Verkhne-Emigenskoye	REE-Li pegmatite	Li
M	47	43	Tastygskoye	REE-Li pegmatite	Li, Ta, Nb,
M	47	44	Bayangol 1	REE-Li pegmatite	Li
M	47	45	Burginskoye	REE-Li pegmatite	Li
M	47	46	Pichi-Tastygskoye	REE-Li pegmatite	Li
M	47	47	Seveligskoye	REE-Li pegmatite	Li
M	47	48	Khartynskoye	REE-Li pegmatite	Li
M	47	49	Salbart group	Banded iron formation (BIF, Superior Fe)	Fe
M	47	50	Skarn	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu
M	47	51	Kharaat Uul	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu
M	47	52	Zos Uul	Porphyry Cu-Mo (\pm Au, Ag)	Cu-Mo
M	47	53	Onts Uul	Mafic-ultramafic related Cu-Ni-PGE	Cu
M	47	54	Naran bulag	Porphyry Cu-Mo (\pm Au, Ag)	Cu
M	47	55	Solongot	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu
M	47	56	Most uul	Mafic-ultramafic related Ti-Fe (V)	Fe
M	47	57	Takhilt nuur	Mafic-ultramafic related Cu-Ni-PGE	Cu, Ni
M	47	58	Khagnuur	Volcanogenic-sedimentary Mn	Mn
M	48	1	Oshurkovskoye	Magmatic and metasomatic apatite	Apatite
M	48	2	Arsentievskoye	Mafic-ultramafic related Ti-Fe (V)	Ti
M	48	3	Naranskoye	Fluorspar vein	Fluorite
M	48	4	Baikalskoye	Banded iron formation (BIF, Superior Fe)	Fe
M	48	5	Ereen	Granitoid-related Au vein	Au
M	48	6	Tomortei	Fe skarn	Fe
M	48	7	Bayangol 3	Fe skarn	Fe
M	48	8	Oyut tolgoi 3	Fe skarn	Fe-Cu-Au

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
30	Bayan-Kol	BK	50°21'32"	96° 46' 32.53"
31	Tastyg	TG	50°22'59"	96° 11' 51.42"
32	Bayan-Kol	BK	50°18'25"	96° 42' 9.19"
33	Orhon-Selenge	OS	48°42'30"	101° 25' 19.38"
34	Telmen	TL	49°30'25"	99° 1' 24.02"
35	Bayan-Kol	BK	50°19'31"	96° 34' 23.48"
36	Hugiingol	HG	49°35'1"	98° 43' 34.77"
37	Ulyg-Tanzek	UT	50°23'31"	96° 37' 24.86"
38	Bayan-Kol	BK	50°5'30"	97° 4' 25.76"
39	Kuraiy-Tolbo Nuur	KTN	50°2'30"	97° 12' 19.46"
40	Tastyg	TG	50°3'28"	96° 37' 20.33"
41	Bayan-Kol	BK	50°8'26"	96° 44' 23.33"
42	Tastyg	TG	49°53'8"	97° 25' 7.93"
43	Tastyg	TG	49°52'17"	97° 17' 12.30"
44	Tastyg	TG	50°11'30"	96° 37' 18.63"
45	Tastyg	TG	49°58'26"	96° 52' 8.44"
46	Tastyg	TG	49°51'25"	97° 7' 28.98"
47	Tastyg	TG	49°54'6"	96° 53' 35.86"
48	Tastyg	TG	50°0'30"	96° 14' 41.21"
49	Tarvagatai	TA	48°36'31"	99° 50' 22.23"
50	Telmen	TL	49°12'48"	97° 42' 47.07"
51	Telmen	TL	49°15'28"	96° 43' 50.46"
52	Central Mongolian	CM	48°41'57"	98° 20' 52.99"
53	Telmen	TL	49°9'57"	96° 18' 46.13"
54	Central Mongolian	CM	48°34'25"	97° 47' 26.72"
55	Telmen	TL	48°9'28"	99° 1' 22.62"
56	Tarvagatai	TA	48°2'26"	99° 21' 22.74"
57	Telmen	TL	48°46'6"	96° 45' 55.81"
58	Tsagaanolom	Tsn	48°5'28"	96° 31' 23.63"
1	Dzid-Selenginskiy	Dse	51°56'23"	107° 27' 8.15"
2	Dzid-Selenginskiy	Dse	51°15'24"	106° 46' 7.79"
3	Dzid-Selenginskiy	Dse	51°1'25"	105° 44' 13.80"
4	Sharizhalgaitskiy	Shz	51°54'25"	103° 0' 12.77"
5	Dzid-Selenginskiy	Dse	48°35'41"	106° 34' 53.64"
6	Bayangol	Bgl	49°40'27"	107° 16' 8.83"
7	Bayangol	Bgl	49°35'26"	107° 1' 9.65"
8	Bayangol	Bgl	49°38'20"	106° 38' 38.17"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
M	48	9	Bulagtai	W-Mo-Be greisen, stockwork, and quartz vein	W,Mo
M	48	10		Number 10 not used	
M	48	11	Oyuut Uul	Porphyry Cu-Mo (\pm Au, Ag)	Mo,Cu
M	48	12	Bots	Basaltic Cu (Lake Superior type)	Cu
M	48	13	Malo-Oinogorskoye	Porphyry Mo (\pm W, Sn, Bi)	Mo
M	48	14	Dzhidinskoe district	W-Mo-Be greisen, stockwork, and quartz vein	W
M	48	15	Tomor tolgoi	Fe skarn	Fe
M	48	16	Tavt	Granitoid-related Au vein	Au, Ag, Cu
M	48	17	Serten	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu
M	48	18	Khotol	Mafic-ultramafic related Cu-Ni-PGE	Ni
M	48	19	Baruunburen	Basaltic Cu (Lake Superior type)	Cu
M	48	20	Urt	Granitoid-related Au vein	Au
M	48	21	Boroo 4	Granitoid-related Au vein	Au
M	48	22	Boroo 7	Granitoid-related Au vein	Au
M	48	23	Teshig 1	Au skarn	Au
M	48	24	Boroo	Granitoid-related Au vein	Au
M	48	25	Baavgait	Granitoid-related Au vein	Au
M	48	26	Sujigt	Granitoid-related Au vein	Au
M	48	27	Serten-Nomgon	Mafic-ultramafic related Cu-Ni-PGE	Cu
M	48	28	Tsagaanchuluut	Granitoid-related Au vein	Au
M	48	29	Narantolgoi	Granitoid-related Au vein	Au
M	48	30	Zalaat	Serpentine-hosted asbestos	Asbestos
M	48	31	Saikhan (Bor Khujir)	W-Mo-Be greisen, stockwork, and quartz vein	W,Sn (Be)
M	48	32	Bayantsagaan I	Besshi Cu-Zn-Ag massive sulfide	Cu
M	48	33	Erdenetiin Ovoo	Porphyry Cu-Mo (\pm Au, Ag)	Cu,Mo
M	48	34	Khujiryngol	Porphyry Cu (\pm Au)	Cu
M	48	35	Tsagaan dabaa	W-Mo-Be greisen, stockwork, and quartz vein	W,Mo
M	48	36	Shand	Porphyry Cu-Mo (\pm Au, Ag)	Cu,Mo
M	48	37	Zuunturuu gol	Basaltic Cu (Lake Superior type)	Cu
M	48	38	Bulgan	Basaltic Cu (Lake Superior type)	Cu
M	48	39	Bumbat	Au in shear zone and quartz vein	Au
M	48	40	Ormiin Tsagaan nuur	Porphyry Cu-Mo (\pm Au, Ag)	Cu,Mo
M	48	41	Nariin-gol	Au in shear zone and quartz vein	Au
M	48	42	Slyudyanskoe	Phlogopite skarn	Phlogopite
M	49	1	Ara-Ilinskoe	Porphyry Au	Au
M	49	2	Bom-Gorhonskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
M	49	3	Tarbaldzheiskoe	Cassiterite-sulfide-silicate vein and stockwork	Sn

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
9	Dzid-Selenginskiy	Dse	50°15'25"	104° 22' 18.30"
10				
11	Orhon-Selenge	OS	49°37'23"	106° 11' 16.37"
12	Orhon-Selenge	OS	49°48'27"	105° 37' 10.33"
13	Dzid-Selenginskiy	Dse	50°17'24"	103° 38' 14.96"
14	Dzid-Selenginskiy	Dse	50°18'25"	103° 21' 16.01"
15	Bayangol	Bgl	49°17'28"	106° 10' 15.67"
16	Dzid-Selenginskiy	Dse	50°6'24"	102° 26' 15.41"
17	Bayangol	Bgl	49°3'35"	105° 36' 9.00"
18	Bayangol	Bgl	49°3'15"	105° 28' 15.16"
19	Orhon-Selenge	OS	49°16'23"	104° 41' 14.97"
20	North Hentii	NH	48°36'44"	106° 27' 6.25"
21	North Hentii	NH	48°46'60"	106° 11' 23.21"
22	North Hentii	NH	48°46'55"	106° 3' 52.50"
23	Dzid-Selenginskiy	Dse	49°58'6"	102° 29' 13.12"
24	North Hentii	NH	48°42'21"	106° 9' 26.26"
25	North Hentii	NH	48°33'55"	105° 56' 1.24"
26	North Hentii	NH	48°32'57"	106° 31' 19.95"
27	Bayangol	Bgl	49°3'26"	104° 55' 13.70"
28	North Hentii 1	-	48°39'36"	106° 32' 24.33"
29	North Hentii	NH	48°37'51"	106° 11' 11.59"
30	Egiingol	EG	49°50'30"	102° 1' 19.82"
31	Central Hentii	CHE	48°21'55"	106° 14' 54.59"
32	Bayanleg	BL	44°48'56"	98° 41' 26.04"
33	Orhon-Selenge	OS	48°59'24"	104° 8' 11.86"
34	Orhon-Selenge	OS	49°7'42"	103° 39' 16.21"
35	Central Hentii	CHE	48°10'27"	106° 4' 16.45"
36	Orhon-Selenge	OS	48°45'53"	104° 13' 19.86"
37	Unassigned	-	48°52'3"	103° 37' 43.16"
38	Orhon-Selenge	OS	48°51'22"	103° 29' 56.62"
39	North Hentii	NH	48°15'49"	104° 33' 40.94"
40	North Mongolian	OS	48°47'26"	102° 55' 17.54"
41	North Hentii	NH	48°5'36"	104° 25' 36.16"
42	Prisayanskiy	Prs	51°37'24"	103° 43' 19.04"
1	Onon-Turinskiy	OT	50°55'26"	113° 17' 9.14"
2	Khilokskiy	Khl	51°17'23"	109° 20' 7.07"
3	Onon-Turinskiy	OT	49°45'24"	112° 29' 0.18"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
M	49	4	Tsagaanchuluut khudag II	Au-Ag epithermal vein	Au
M	49	5	Ugtam	Au-Ag epithermal vein	Au
M	49	6	Khapcheranga	Cassiterite-sulfide-silicate vein and stockwork	Sn
M	49	7	Eminbulag	Barite vein	Ba
M	49	8	Tsairyn	Au-Ag epithermal vein	Au
M	49	9	Bayandun	Fe-Zn skarn	Zn,Fe
M	49	10	Lubavinskoye	Granitoid-related Au vein	Au
M	49	11	Gurvanbulag	Volcanic-hosted U	U
M	49	12	Baruunkhujirtyn gol	Au-Ag epithermal vein	Au
M	49	13	Shumilovskoe	Sn-W greisen, stockwork, and quartz vein	W
M	49	14	Kunaleiskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
M	49	15	Delberkhei bulag	Granitoid-related Au vein	Au-Fe
M	49	16	Narsan hundlun	Cassiterite-sulfide-silicate vein and stockwork	Sn
M	49	17	Ikh-Khajuu	Sn-W greisen, stockwork, and quartz vein	Sn,W
M	49	18	Zuuntartsgol	Sn-W greisen, stockwork, and quartz vein	W,Sn
M	49	19	Upper Kumyr	W-Mo-Be greisen, stockwork, and quartz vein	Sn,W
M	49	20	Bayanzurkh	Au-Ag epithermal vein	Au
M	49	21	Khavtgai	Fluorspar vein	CaF ₂
M	50	1	Novo-Shirokinskoye	Volcanic-hosted Au-base-metal metasomatite	Pb,Au
M	50	2	Solonechnoye	Fluorspar vein	Fluorite
M	50	3	Vozdvizhenskoye	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Pb,Zn
M	50	4	Berjovskoe	Sedimentary siderite Fe	Fe
M	50	5	Blagodatskoye	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Pb
M	50	6	Kadainskoye	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Pb,Zn
M	50	7	Alenuiskoye	Polymetallic (Pb, Zn±Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Pb
M	50	8	Shakhtaminskoye	Porphyry Mo (±W, Sn, Bi)	Mo
M	50	9	Aprilkovskoye	Granitoid-related Au vein	Au
M	50	10	Zapokrovskoye	Carbonate-hosted As-Au metasomatite	As
M	50	11	Gurulevskoe	Carbonate-hosted As-Au metasomatite	As
M	50	12	Oktjabrskoye	Carbonate-hosted As-Au metasomatite	As
M	50	13	Delmachik	Porphyry Au	Au
M	50	14	Taseyevskoe	Au-Ag epithermal vein	Au
M	50	15	Baleyskoe	Au-Ag epithermal vein	Au
M	50	16	Andryushkinskoe	Au skarn	Au
M	50	17	Bugdainskoye	W-Mo-Be greisen, stockwork, and quartz vein	Mo
M	50	18	Xiaoyinuogaigou, Inner Mongolia	Granitoid-related Au vein	Au

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
4	East Mongolian-Priargunskiy	EMA	49°26'52"	113° 24' 4.54"
5	East Mongolian-Priargunskiy	EMA	49°15'31"	113° 48' 54.67"
6	Onon-Turinskiy	OT	49°43'25"	112° 21' 9.55"
7	East Mongolian-Priargunskiy	EMA	49°26'22"	113° 2' 8.10"
8	East Mongolian-Priargunskiy	EMA	49°10'43"	113° 42' 35.61"
9	East Mongolian-Priargunskiy	EMA	49°14'16"	113° 22' 27.97"
10	Onon-Turinskiy	OT	49°37'27"	112° 10' 8.09"
11	East Mongolian-Priargunskiy	EMA	49°1'23"	113° 58' 1.10"
12	East Mongolian-Priargunskiy	EMA	49°17'25"	112° 42' 33.41"
13	Onon-Chikoiskiy	OCH	50°7'22"	110° 6' 10.71"
14	Onon-Chikoiskiy	OCH	50°7'22"	109° 58' 5.14"
15	East Mongolian-Priargunskiy	EMA	48°51'24"	112° 16' 0.53"
16	East Mongolian-Preargunskiy	EMA	48°43'26"	112° 32' 0.30"
17	Central Hentii	CHE	49°14'27"	109° 40' 9.05"
18	Central Hentii	CHE	49°9'23"	109° 35' 9.21"
19	Onon-Chikoiskiy	OCH	49°19'24"	109° 5' 13.80"
20	East Mongolian-Priargunskiy	EMA	48°7'58"	111° 27' 50.66"
21	East Mongolian-Priargunskiy	EMA	48°1'22"	111° 22' 13.27"
1	East Mongolian-Priargunskiy	EMA	51°35'23"	118° 41' 49.72"
2	East Mongolian-Priargunskiy	EMA	51°30'20"	118° 53' 57.56"
3	East Mongolian-Priargunskiy	EMA	51°16'57"	119° 30' 58.97"
4	East Mongolian-Priargunskiy	EMA	51°13'22"	119° 35' 26.93"
5	East Mongolian-Priargunskiy	EMA	51°14'54"	119° 31' 55.49"
6	East Mongolian-Priargunskiy	EMA	51°13'13"	119° 39' 34.34"
7	East Mongolian-Priargunskiy	EMA	51°15'21"	118° 14' 58.10"
8	East Mongolian-Priargunskiy	EMA	51°16'26"	117° 52' 57.88"
9	Shilkinsko-Tukuringrskiy	ShT	51°47'21"	116° 17' 1.23"
10	East Mongolian-Priargunskiy	EMA	50°55'23"	119° 16' 53.21"
11	East Mongolian-Priargunskiy	EMA	50°47'25"	119° 6' 0.24"
12	East Mongolian-Priargunskiy	EMA	50°47'25"	119° 13' 55.24"
13	Shilkinsko-Tukuringrskiy	ShT	51°54'25"	115° 42' 59.29"
14	Shilkinsko-Tukuringrskiy	ShT	51°35'42"	116° 35' 34.26"
15	Shilkinsko-Tukuringrskiy	ShT	51°33'19"	116° 38' 36.30"
16	Shilkinsko-Tukuringrskiy	ShT	51°33'29"	116° 33' 18.39"
17	East Mongolian-Priargunskiy	EMA	51°8'25"	117° 42' 57.83"
18	East Mongolian-Priargunskiy	EMA	50°35'23"	119° 16' 55.82"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
M	50	19	Sredne-Golgotaiskoye	Granitoid-related Au vein	Au
M	50	20	Severo-Akatuevskoye	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Pb,Zn
M	50	21	Akatuevskoye	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Pb
M	50	22	Fatimovskoye	Granitoid-related Au vein	Au
M	50	23	Zhetkovskoye	Fluorspar vein	Fluorite
M	50	24	Belukhinskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
M	50	25	Shunduinskoye	Granitoid-related Au vein	Au
M	50	26	Bukukinskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
M	50	27	Etykinskoye	Ta-Nb-REE alkaline metasomatite	Ta
M	50	28	Tamenskoye	Fluorspar vein	Fluorite
M	50	29	Kalanguyskoye	Fluorspar vein	Fluorite
M	50	30	Savinskoye-5	Zn-Pb (Ag, Cu, W) skarn	Pb,Zn
M	50	31	Liuyi, Inner Mongolia	Volcanogenic-hydrothermal-sedimentary massive sulfide Pb-Zn (\pm Cu)	S
M	50	32	Klichinskoye	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Pb
M	50	33	Barun-Shiveinsky	Hg-Sb-W vein and stockwork	W
M	50	34	Garsonuyskoye	Fluorspar vein	Fluorite
M	50	35	Badaguan, Inner Mongolia	Porphyry Cu-Mo (\pm Au, Ag)	Cu
M	50	36	Malo-Kulindinskoye	REE-Li pegmatite	Ta,Be
M	50	37	Spokoininskoye	Sn-W greisen, stockwork, and quartz vein	W
M	50	38	Sherlovogorskoye	Cassiterite-sulfide-silicate vein and stockwork	Sn
M	50	39	Orlovskoye	Ta-Nb-REE alkaline metasomatite	Ta
M	50	40	Abagaituyskoye	Fluorspar vein	Fluorite
M	50	41	Wunugetushan, Inner Mongolia	Porphyry Cu-Mo (\pm Au, Ag)	Cu,Mo
M	50	42	Baits Ovoo	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Zn,Pb, Ag
M	50	43	Berkh 2	REE-Li pegmatite	Ta,Nb
M	50	44	Ulaan	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Zn,Pb, Ag
M	50	45	Khuts Ondor	Clastic-sediment-hosted Sb-Au	Sb
M	50	46	Bor Ondor	Au-Ag epithermal vein	Au,Ag
M	50	47	Avdartolgoi	Porphyry Cu-Mo (\pm Au, Ag)	Cu,Mo
M	50	48	Ovorkhooloi	Granitoid-related Au vein	Au
M	50	49	Nomint	Granitoid-related Au vein	Au
M	50	50	Chuluun Khoroot	W-Mo-Be greisen, stockwork, and quartz vein	W,Mo
M	50	51	Erdenetolgoi	Cu (\pm Fe, Au, Ag, Mo) skarn	Au-Cu-Fe
M	50	52	Jiawula, Inner Mongolia	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Ag,Pb,Zn
M	50	53	Chaganbulagen, Inner Mongolia	Au-Ag epithermal vein	Ag
M	50	54	Zuun Dagai	Alkaline complex-hosted Au	Au-As-Sb

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
19	Shilkinsko-Tukuringrskiy	ShT	51°27'25"	116° 38' 58.58"
20	East Mongolian-Priargunskiy	EMA	51°4'19"	117° 49' 12.44"
21	East Mongolian-Priargunskiy	EMA	51°1'26"	117° 42' 48.85"
22	Shilkinsko-Tukuringrskiy	ShT	51°19'57"	116° 48' 6.55"
23	Shilkinsko-Tukuringrskiy	ShT	51°16'18"	116° 56' 32.14"
24	Shilkinsko-Tukuringrskiy	ShT	51°15'29"	116° 48' 32.78"
25	Shilkinsko-Tukuringrskiy	ShT	51°14'21"	116° 26' 57.46"
26	Shilkinsko-Tukuringrskiy	ShT	51°10'25"	116° 36' 59.13"
27	Shilkinsko-Tukuringrskiy	ShT	50°59'20"	116° 51' 54.16"
28	Shilkinsko-Tukuringrskiy	ShT	51°3'5"	116° 30' 57.76"
29	Shilkinsko-Tukuringrskiy	ShT	50°58'48"	116° 31' 48.38"
30	East Mongolian-Priargunskiy	EMA	50°26'14"	118° 2' 13.07"
31	Onor	Onr	49°46'29"	119° 58' 12.72"
32	East Mongolian-Priargunskiy	EMA	50°27'45"	117° 56' 46.61"
33	Aginskiy	Agi	51°21'25"	115° 9' 59.17"
34	East Mongolian-Priargunskiy	EMA	50°24'54"	117° 54' 24.45"
35	East Mongolian-Priargun-Derbugan	EMA	49°54'21"	118° 55' 49.02"
36	Aginskiy	Agi	50°58'25"	115° 42' 0.54"
37	Aginskiy	Agi	51°2'27"	115° 3' 5.04"
38	Shilkinsko-Tukuringrskiy	ShT	50°32'21"	116° 15' 57.76"
39	Aginskiy	Agi	51°1'25"	114° 44' 59.84"
40	East Mongolian-Priargunskiy	EMA	49°41'24"	117° 52' 0.75"
41	East Mongolian-Priargunskiy	EMA	49°22'24"	117° 24' 54.58"
42	East Mongolian-Priargunskiy	EMA	50°9'21"	114° 41' 1.62"
43	East Mongolian-Priargunskiy	EMA	50°12'17"	114° 12' 45.53"
44	East Mongolian-Priargunskiy	EMA	50°12'15"	114° 4' 41.63"
45	East Mongolian-Priargunskiy	EMA	50°3'26"	114° 4' 1.95"
46	East Mongolian-Priargunskiy	EMA	49°52'24"	114° 16' 19.98"
47	East Mongolian-Priargunskiy	EMA	49°39'36"	114° 51' 1.20"
48	East Mongolian-Priargunskiy	EMA	49°48'37"	114° 17' 44.11"
49	East Mongolian-Priargunskiy	EMA	49°41'51"	114° 20' 28.22"
50	East Mongolian-Priargunskiy	EMA	49°38'25"	114° 43' 38.21"
51	East Mongolian-Priargunskiy	EMA	49°28'46"	114° 33' 48.90"
52	East Mongolian-Priargunskiy	EMA	48°47'20"	116° 19' 57.95"
53	East Mongolian-Priargunskiy	EMA	48°44'24"	116° 24' 57.27"
54	East Mongolian-Priargunskiy	EMA	49°13'13"	114° 43' 50.15"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
M	50	55	Kharguit	Granitoid-related Au vein	Au-As-Sb
M	50	56	Urliin Ovoo	Granitoid-related Au vein	Au-As-Sb
M	50	57	Bayan uul 1	Granitoid-related Au vein	Au-Ag-Pb
M	50	58	Tsav	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Zn,Pb, Ag
M	50	59	Dornod	Volcanic-hosted U	U
M	50	60	Erentaolegai, Inner Mongolia	Au-Ag epithermal vein	Ag
M	50	61		Number 61 not used	
M	50	62	Khuvoobulag	Fluorspar vein	CaF ₂
M	51	1	Huanu, Inner Mongolia	Volcanogenic-hydrothermal-sedimentary massive sulfide Pb-Zn (\pm Cu)	Pb,Zn
M	51	2	Duobaoshan, Heilongjiang Province	Porphyry Cu-Mo (\pm Au, Ag)	Cu
M	51	3	Tongshan, Heilongjiang Province	Porphyry Cu-Mo (\pm Au, Ag)	Cu
M	51	4	Sanhe, Inner Mongolia	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Pb,Zn
M	51	5	Xieertala, Inner Mongolia	Volcanogenic-sedimentary Fe	Fe
M	52	1		Number 1 not used	
M	52	2	Melginskoye	Porphyry Mo (\pm W, Sn, Bi)	Mo
M	52	3	Chergilen	Felsic plutonic U-REE	REE,Be
M	52	4	Dzhalinda	Rhyolite-hosted Sn	Sn
M	52	5	Kimkanskoe	Banded iron formation (BIF, Superior Fe)	Fe
M	52	6	Diturskoe	Felsic plutonic U-REE	REE
M	52	7	Khingan	Sn-W greisen, stockwork, and quartz vein	Sn
M	52	8	Sutarskoye	Banded iron formation (BIF, Superior Fe)	Fe
M	52	9	Yuzhno-Khingan	Banded iron formation (BIF, Superior Fe)	Fe
M	52	10	Bidzhanskoe (Kabalinskoe)	Volcanogenic-sedimentary Mn	Mn
M	52	11	Verkhnebidzhanskoe	Sn-W greisen, stockwork, and quartz vein	Sn
M	52	12	Kostenginskoe	Banded iron formation (BIF, Superior Fe)	Fe
M	52	13	Preobrazhenovskoye	Fluorite greisen	Fluorite
M	52	14	Pengdingshan, Heilongjiang Province	Granitoid-related Au vein	Au
M	52	15	Tuanjiegou, Heilongjiang Province	Granitoid-related Au vein	Au
M	52	16	Chuihongshan, Heilongjiang Province	Fe-Zn skarn	Fe,W, Mo, Zn
M	52	17	Wuxing, Heilongjiang Province	Mafic-ultramafic related Cu-Ni-PGE	Pt,Pd

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
55	East Mongolian-Priargunskiy	EMA	49°14'22"	114° 33' 59.97"
56	East Mongolian-Priargunskiy	EMA	49°8'56"	114° 43' 3.05"
57	East Mongolian-Priargunskiy	EMA	48°50'30"	115° 37' 43.32"
58	East Mongolian-Priargunskiy	EMA	48°50'24"	115° 22' 59.77"
59	East Mongolian-Priargunskiy	EMA	49°7'21"	114° 28' 59.36"
60	East Mongolian-Priargunskiy	EMA	48°23'57"	116° 30' 50.10"
61				
62	East Mongolian-Priargunskiy	EMA	48°53'20"	114° 17' 57.40"
1	Huanyu	HY	51°25'3"	124° 1' 55.33"
2	Duobaoshan	DB	50°12'4"	125° 38' 25.78"
3	Duobaoshan	DB	50°8'49"	125° 44' 22.34"
4	East Mongolian-Priargunskiy	EMA	50°54'34"	120° 51' 32.87"
5	Onor	Onr	49°11'20"	120° 37' 55.98"
1				
2	Melgin-Niman	MN	51°5'29"	131° 20' 32.89"
3	Melgin-Niman	MN	50°53'24"	131° 35' 34.15"
4	Malo-Khingan	MKh	49°8'24"	131° 24' 56.56"
5	South Khingan	S-Kh	48°54'21"	131° 29' 31.77"
6	Bidzhan	BDZ	48°46'21"	131° 53' 40.92"
7	Malo-Khingan	MKh	48°58'46"	131° 14' 36.32"
8	South Khingan	S-Kh	48°50'29"	131° 24' 36.56"
9	South Khingan	S-Kh	48°38'2"	131° 52' 16.71"
10	South Khingan	S-Kh	48°34'22"	131° 46' 32.72"
11	Malo-khingan	MKh	48°36'50"	131° 29' 22.26"
12	South Khingan	S-Kh	48°29'26"	131° 27' 34.76"
13	Bidzhan	BDZ	48°9'28"	131° 55' 41.16"
14	Tuanjiegou	TJ	48°29'26"	129° 46' 40.80"
15	Tuanjiegou	TJ	48°19'26"	130° 9' 40.46"
16	Bindong	Bin	48°26'50"	128° 41' 0.83"
17	Wuxing	WX	48°7'29"	129° 30' 22.74"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
M	53	1	Birandzha	Porphyry Mo (\pm W, Sn, Bi)	Mo
M	53	2	Solnechnoe	Sn-W greisen, stockwork, and quartz vein	Sn
M	53	3	Sobolinoye	Sn-W greisen, stockwork, and quartz vein	Sn
M	53	4	Ippatinskoe	Sn-W greisen, stockwork, and quartz vein	Sn
M	53	5	Festivalnoe	Sn-W greisen, stockwork, and quartz vein	Sn
M	53	6	Metrekskoye	Porphyry Mo (\pm W, Sn, Bi)	Mo
M	53	7	Kapral	Porphyry Mo (\pm W, Sn, Bi)	Mo
M	53	8	Loshadinayagriva (Main)	Sn-W greisen, stockwork, and quartz vein	Sn
M	53	9	Pravourmiiskoe	Sn-W greisen, stockwork, and quartz vein	Sn
M	53	10	Boltoro	Cu (\pm Fe, Au, Ag, Mo) skarn	Sn,Cu
M	53	11	Noni	Au-Ag epithermal vein	Au
M	53	12	Durmin	Au-Ag epithermal vein	Au,Ag
M	54	1	Agnie-Afanas'evskoye	Granitoid-related Au vein	Au
M	54	2	Dyappe	Ag-Sb vein	Au
M	54	3	Uchaminskoye	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Au
M	54	4	Tumninskoye	Au-Ag epithermal vein	Au
M	54	5	Mopau	Porphyry Sn	Sn
M	54	6	Nochnoe	Porphyry Cu (\pm Au)	Cu
M	54	7	Moinskoe	Porphyry Mo (\pm W, Sn, Bi)	Mo
M	54	8	Sukhoi Creek	Porphyry Cu-Mo (\pm Au, Ag)	Cu,Mo
N	44	1	Kolyvanskoye	Sn-W greisen, stockwork, and quartz vein	Sn
N	45	1	Barandatskoye	Sedimentary siderite Fe	Fe
N	45	2	Ust-Parninskoye	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn
N	45	3	Natal'evskoye	Au skarn	Au
N	45	4	Komsomolskoye	Granitoid-related Au vein	Au
N	45	5	Goriachegorskoye	Magmatic nepheline	Al
N	45	6	Andrushkina River	Magmatic nepheline	Al
N	45	7	Staro-Berikul	Granitoid related Au vein	Au
N	45	8	Novo-Berikul	Granitoid-related Au vein	Au
N	45	9	Kundatskoye	Granitoid-related Au vein	Au
N	45	10	Gavrilovskoye	Granitoid-related Au vein	Au
N	45	11	Kurgusulskoye	Magmatic nepheline	Al
N	45	12	Tulujul	Magmatic nepheline	Al
N	45	13	Belogorskoye	Magmatic nepheline	Al

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
1	Ezop-Yam-Alin	EYA	51°53'27"	132° 59' 36.05"
2	Badzhal-Komsomolsk	BKS	50°46'60"	136° 15' 27.03"
3	Badzhal-Komsomolsk	BKS	50°40'4"	136° 28' 57.43"
4	Ezop-Yam-Alin	EYA	51°29'27"	133° 54' 27.44"
5	Badzhal-Komsomolsk	BKS	50°40'11"	136° 20' 2.18"
6	Melgin-Niman	MN	51°55'27"	132° 27' 40.47"
7	Badzhal-Komsomolsk	BKS	50°40'19"	136° 7' 13.96"
8	Badzhal-Komsomolsk	BKS	50°32'43"	135° 13' 22.28"
9	Badzhal-Komsomolsk	BKS	50°25'32"	134° 14' 36.27"
10	Badzhal-Komsomolsk	BKS	50°22'26"	133° 53' 32.29"
11	East Mongolian-Priargunskiy	EMA	50°19'21"	132° 42' 38.99"
12	Durmin	Dur	48°5'24"	135° 52' 35.00"
1	Pilda-Limuri	PLL	51°55'28"	138° 46' 32.01"
2	Pilda-limuri	PLL	51°44'30"	139° 14' 26.00"
3	Pilda-Limuri	PLL	51°42'28"	138° 40' 22.16"
4	Tumnin-Anyuy	TuA	49°42'31"	139° 41' 29.89"
5	Tumnin-Anyuy	TuA	49°19'32"	138° 46' 24.48"
6	Kema	Kem	48°33'50"	138° 34' 13.89"
7	Kema	Kem	48°5'12"	138° 37' 46.59"
8	Kema	Kem	48°11'24"	138° 11' 27.47"
1	Barlaksk	BA	55°10'35"	82° 27' 44.79"
1	Unassigned	-	55°46'30"	89° 12' 33.50"
2	Sorsk	SO	55°22'31"	89° 10' 38.44"
3	Martaiginsk	MT	55°40'32"	87° 52' 35.74"
4	Martaiginsk	MT	55°34'33"	88° 9' 40.65"
5	Kiya-Shaltyr	Ksh	55°19'47"	88° 50' 46.70"
6	Kiya-Shaltyr	Ksh	55°15'31"	89° 0' 34.74"
7	Martaiginsk	MT	55°26'43"	88° 11' 58.42"
8	Martaiginsk	MT	55°25'5"	88° 10' 14.30"
9	Martaiginsk	MT	55°30'15"	88° 10' 16.61"
10	Martaiginsk	MT	55°27'58"	88° 10' 39.98"
11	Kiya-Shaltyr	Ksh	55°11'31"	88° 39' 8.44"
12	Kiya-Shaltyr	Ksh	55°16'34"	88° 17' 37.74"
13	Kiya-Shaltyr	Ksh	55°7'35"	88° 36' 31.61"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
N	45	14	Barzasskoye	Bauxite (karst type)	Al
N	45	15	Fedotovskoye	Granitoid-related Au vein	Au
N	45	16	Kiya-Shaltyr	Magmatic nepheline	Al
N	45	17	Centralnoye	Granitoid-related Au vein	Au
N	45	18	Malorastaiskoye	Fluorspar vein	Fluorite
N	45	19	Ampalyk	Feskarn	Fe
N	45	20	Agaskyrskoye	Porphyry Mo (\pm W, Sn, Bi)	Mo
N	45	21	Gromotukhinskoye	Granitoid-related Au vein	Au
N	45	22	Tuim	W-Mo-Be greisen, stockwork, and quartz vein	W
N	45	23	Sarala	Granitoid-related Au vein	Au
N	45	24	Belo-Osipovskoye	Volcanic-hosted Hg	Hg
N	45	25	Ipchulskoye	Porphyry Mo (\pm W, Sn, Bi)	Mo
N	45	26	Kiyalykh-Uzen	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu,Mo
N	45	27	Kommunar	Granitoid-related Au vein	Au
N	45	28	Kupriyanovskoye	Volcanic-hosted Hg	Hg
N	45	29	Glafrinskoye	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu,Mo
N	45	30	Pezass	Carbonate-hosted Hg-Sb	Hg
N	45	31	Spasskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
N	45	32	Balakhchino	Granitoid-related Au vein	Au
N	45	33	Nichkuryupskoye	Porphyry Mo (\pm W, Sn, Bi)	Mo
N	45	34	Pezasskoye	Volcanic-hosted zeolite	Zeolite
N	45	35	Turtek	W-Mo-Be greisen, stockwork, and quartz vein	W
N	45	36	Kayvinskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
N	45	37	Verhne-Askizskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
N	45	39	Lavrenovskoye	Fe skarn	Fe
N	45	40	Ityuiskoye	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu,Mo
N	45	41	Usinskoye	Volcanogenic-sedimentary Mn	Mn
N	45	42	Alguiskoye	Talc (magnesite) replacement	Talc
N	45	43	Balyksa	Cu (\pm Fe, Au, Ag, Mo) skarn	Mo
N	45	44	Kazymchanskoye	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Pb,Zn
N	45	45	Sukharinskoye	Fe skarn	Fe
N	45	46	Vaganovskoye	Bauxite (karst type)	Al
N	45	47	Uskandinskoye	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Cu,Zn
N	45	48	Urskoye district	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Pb,Zn, Cu
N	45	49	Elgentagskoye	Fe skarn	Fe
N	45	50	Teiskoye	Fe skarn	Fe
N	45	51	Abagasskoye	Fe skarn	Fe
N	45	52	Kamenushinskoye	Porphyry Cu-Mo (\pm Au, Ag)	Cu

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
14	Belininsk	Bel	55°44'30"	86° 41' 40.46"
15	Martaiginsk	MT	55°20'30"	87° 21' 36.91"
16	Kiya-Shaltyr	Ksh	54°59'21"	88° 23' 4.00"
17	Martaiginsk	MT	55°11'32"	87° 40' 37.81"
18	Unassigned	-	54°59'43"	88° 14' 13.45"
19	Taidon-Kondomsk	TK	55°28'31"	86° 32' 37.02"
20	Sorsk	SO	54°34'32"	89° 12' 37.34"
21	Martaiginsk	MT	54°54'35"	88° 10' 40.31"
22	Kiyalykh-Uzen	Kiy	54°20'2"	89° 48' 35.44"
23	Martaiginsk	MT	54°38'32"	88° 38' 36.55"
24	Kuznetsk	KE	55°3'32"	87° 18' 39.64"
25	Sorsk	SO	54°23'58"	89° 14' 21.30"
26	Kiyalykh-Uzen	Kiy	54°21'47"	89° 21' 20.29"
27	Martaiginsk	MT	53°58'53"	89° 17' 0.90"
28	Kuznetsk	KE	55°11'31"	86° 31' 46.24"
29	Kiyalykh-Uzen	Kiy	54°6'28"	89° 39' 38.16"
30	Kuznetsk	KE	54°40'31"	87° 46' 41.29"
31	Kiyalykh-Uzen	Kiy	54°18'43"	89° 14' 30.94"
32	Martaiginsk	MT	54°5'36"	89° 20' 38.96"
33	Sorsk	SO	54°0'31"	89° 34' 32.27"
34	Kuznetsk	KE	54°46'32"	87° 9' 3.47"
35	Kiyalykh-Uzen	Kiy	54°2'18"	89° 16' 6.49"
36	Kiyalykh-Uzen	Kiy	54°12'31"	89° 6' 41.33"
37	Kiyalykh-Uzen	Kiy	53°47'33"	89° 41' 40.21"
39	Taidon-Kondomsk	TK	54°8'31"	88° 16' 34.29"
40	Kiyalykh-Uzen	Kiy	53°35'27"	89° 57' 8.20"
41	Taidon-Kondomsk	TK	54°0'34"	88° 25' 31.38"
42	Unassigned		53°41'29"	88° 58' 31.97"
43	Kiyalykh-Uzen	Kiy	53°27'30"	89° 12' 8.67"
44	Sorsk	SO	53°31'32"	89° 55' 38.91"
45	Taidon-Kondomsk	TK	53°59'28"	87° 18' 34.21"
46	Belininsk	Bel	54°41'30"	85° 4' 35.51"
47	Salair	SL	54°22'38"	85° 46' 41.49"
48	Salair	SL	54°28'33"	85° 25' 36.80"
49	Teisk	TE	53°9'23"	89° 25' 9.82"
50	Teisk	TE	53°9'41"	89° 16' 30.36"
51	Teisk	TE	53°21'33"	89° 25' 29.71"
52	Salair	SL	54°18'27"	85° 46' 37.72"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
N	45	53	Izykhgolskoye	Fe skarn	Fe
N	45	54	Mavrinskoye	Clastic sediment-hosted Hg±Sb	Hg
N	45	55	Salairskoye	Polymetallic (Pb, Zn±Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Pb,Zn, Ag,
N	45	56	Oktyabrskoye 4	Bauxite (karst type)	Al
N	45	57	Novogodneye	Bauxite (karst type)	Al
N	45	58	Durnovskoye	Volcanogenic-sedimentary Mn	Mn
N	45	59	Khaileolovskoye	Fe skarn	Fe
N	45	60	Orlinogorskoye	Clastic sediment-hosted Hg±Sb	Hg
N	45	61	Berdsko-Maiskoye	Sedimentary bauxite	Al
N	45	62	Patynskoye	Mafic-ultramafic related Ti-Fe (V)	Fe,Ti
N	45	63	Tashelginskoye	Fe skarn	Fe
N	45	64	Chilanskoye	Volcanogenic-sedimentary Fe	Fe
N	45	65	Togulenskoye	Talc (magnesite) replacement	Talc
N	45	66	Tamalykskoye	Sedimentary phosphate	Phosphorit
N	45	67	Svetlyi Klyuch	Talc (magnesite) replacement	Talc
N	45	68	Obukhovskoye	Bauxite (karst type)	Al
N	45	69	Kedrovskoye	Polymetallic (Pb, Zn±Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Pb, Zn
N	45	70	Telbes	Fe skarn	Fe
N	45	71	Odrabash	Fe skarn	Fe
N	45	72	Kul-Taiga	Mafic-ultramafic related Ti-Fe (V)	Fe, Ti
N	45	73	Pykhtun	Fe skarn	Fe
N	45	74	Kazskoye	Fe skarn	Fe
N	45	75	Temirtau	Fe skarn	Fe
N	45	76	Turgenevskoye	Polymetallic (Pb, Zn±Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Pb, Zn
N	45	77	Belkinskoye	Sedimentary phosphate	Phosphorit
N	45	78	Volshebnaya Zhila	Granitoid-related Au vein	Au
N	45	79	Semenov-Krasilovskoye	Sedimentary bauxite	Al
N	45	80	Taymetskoye	Basaltic Cu (Lake Superior type)	Cu
N	45	81	Anzass	Fe skarn	Fe
N	45	82	Belininskoye	Laterite Ni	Ni
N	45	83	Sheregesh	Fe skarn	Fe
N	45	84	Alexandrovskoye 2	Laterite Ni	Ni
N	45	85	Shalym	Fe skarn	Fe
N	45	86	Tashtagol	Fe skarn	Fe
N	45	87	Kharadzulskoye	Ni-Co arsenide vein	Cu,Co
N	45	88	Kayanchinskoye	Fluorspar vein	Fluorite
N	46	1	Irbinskoye	Fe skarn	Fe

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
53	Teisk	TE	53°11'35"	89° 7' 33.41"
54	Mavrinsk	MV	54°37'38"	84° 42' 40.69"
55	Salair	SL	54°13'35"	85° 47' 35.46"
56	Berdsko-Maisk	Ber	54°30'11"	84° 55' 18.61"
57	Berdsko-Maisk	Ber	54°27'4"	84° 59' 54.67"
58	Unassigned	-	54°38'34"	84° 17' 41.69"
59	Teisk	TE	52°57'33"	89° 16' 34.15"
60	Mavrinsk	MV	54°7'31"	85° 46' 36.76"
61	Berdsko-Maisk	Ber	54°19'33"	85° 7' 34.15"
62	Teisk	TE	53°12'30"	88° 27' 40.09"
63	Taidon-Kondomsk	TK	53°16'32"	88° 13' 36.48"
64	Teisk	TE	52°36'34"	89° 57' 31.71"
65	Belininsk	Bel	53°56'29"	85° 56' 37.85"
66	Mrass	MR	52°44'28"	89° 25' 35.04"
67	Belininsk	Bel	53°7'31"	88° 7' 37.25"
68	Berdsko-Maisk	Ber	54°8'34"	84° 53' 41.52"
69	Taidon-Kondomsk	TK	53°18'31"	87° 20' 0.26"
70	Taidon-Kondomsk	TK	53°15'59"	87° 26' 38.15"
71	Taidon-Kondomsk	TK	53°12'56"	87° 20' 2.98"
72	Teisk	TE	52°35'0"	89° 3' 3.88"
73	Taidon-Kondomsk	TK	53°3'28"	87° 35' 34.92"
74	Taidon-Kondomsk	TK	53°4'22"	87° 24' 8.05"
75	Taidon-Kondomsk	TK	53°1'17"	87° 17' 8.79"
76	Taidon-Kondomsk	TK	52°50'4"	87° 52' 37.20"
77	Mrass	MR	52°38'30"	88° 21' 34.85"
78	Unassigned		52°15'30"	89° 28' 35.05"
79	Belininsk	Bel	53°31'36"	85° 35' 37.39"
80	Taidon-Kondomsk	TK	52°29'32"	88° 17' 36.12"
81	North-Sayanian	NS	52°6'35"	89° 11' 30.60"
82	Belininsk	Bel	53°10'60"	85° 54' 38.79"
83	Taidon-Kondomsk	TK	52°33'18"	87° 34' 14.42"
84	Belininsk	Bel	53°5'5"	85° 53' 32.87"
85	Taidon-Kondomsk	TK	52°29'48"	87° 34' 29.63"
86	Taidon-Kondonsk	TK	52°26'31"	87° 33' 58.93"
87	Kharadzhulsk	Khd	52°47'33"	85° 59' 36.02"
88	Sarasinsk	SR	52°1'35"	86° 56' 52.00"
1	Kizir-Kazyr	KK	53°59'28"	92° 32' 35.15"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
N	46	2	Leiba	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Pb,Zn
N	46	3	Seibinskoye 2	Sedimentary phosphate	Phosphorit
N	46	4	Belokitatskoye	Volcanogenic-sedimentary Fe	Fe
N	46	5	Alga	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Pb,Zn
N	46	6	Zhurskoye	Carbonate-hosted fluor spar	Fluorite
N	46	7	Konstantinovskoye	Granitoid-related Au vein	Au
N	46	8	Olkhovskoye	Granitoid-related Au vein	Au
N	46	9	Medvezhie	Granitoid-related Au vein	Au
N	46	10	Beryozovskoye	Fe skarn	Fe
N	46	11	Lysanskoye	Mafic-ultramafic related Ti-Fe (V)	Ti,Fe
N	46	12	Kedranskoye	Zoned mafic-ultramafic Cr-PGE	Ti,Fe
N	46	13	Pionerskoye 1	Porphyry Mo (\pm W, Sn, Bi)	Mo
N	46	14	Dzhetskoye	Porphyry Mo (\pm W, Sn, Bi)	Mo
N	46	15	Karaulnaya Gorka	Weathering crust Mn (\pm Fe)	Mn
N	46	16	Seibinskoye 1	Weathering crust Mn (\pm Fe)	Mn
N	46	17	Djotskoye	Weathering crust Mn (\pm Fe)	Mn
N	46	18	Margoz	Fe skarn	Fe
N	46	19	Rudny Kaskad	Fe skarn	Fe
N	46	20	Terekhovskoye	Fe skarn	Fe
N	46	21	Odinochnoye	Fe skarn	Fe
N	46	22	Sydinskoye	Banded iron formation (BIF, Superior Fe)	Fe
N	46	23	Mulginskoye	Fe skarn	Fe
N	46	24	Raduga	W-Mo-Be greisen, stockwork, and quartz vein	Be
N	46	25	Burluyskoye	Fe skarn	Fe
N	46	26	Samson	Fe skarn	Fe
N	46	27	Tibik	Ag-Sb vein	Sb
N	46	28	Petropavlovskoye	Fe skarn	Fe
N	46	29	Okunevskoye	W-Mo-Be greisen, stockwork, and quartz vein	Be,CaF ₂
N	46	30	Telekskoye	Weathering crust and karst phosphate	Phosphorit
N	46	31	Znamenskoye	Fe skarn	Fe
N	46	32	Tayatskoye	Fe skarn	Fe
N	46	33	Tabratskoye	Fe skarn	Fe
N	46	34	Khabalykskoye	Fe skarn	Fe
N	46	35	Oktyabrskoye 1	Granitoid-related Au vein	Au
N	46	36	Martyuhinskoye	Bedded barite	Barite
N	46	37	Oktyabrskoye 2	Clastic sediment-hosted Hg \pm Sb	Hg
N	46	38	Izykhskoye	Fe skarn	Fe
N	46	39	Kukshinskoye	Clastic sediment-hosted Hg \pm Sb	Hg

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
2	Unassigned	-	55°19'30"	93° 33' 30.96"
3	Bellyk	BE	54°39'30"	93° 31' 28.91"
4	Kizir-Kazyr	KK	53°56'29"	95° 36' 53.80"
5	Unassigned	-	54°52'32"	92° 33' 33.77"
6	Chapsordag	ChD	55°20'33"	91° 4' 36.53"
7	Kizir-Kazyr	KK	54°23'32"	93° 39' 23.65"
8	Kizir-Kazyr	KK	54°23'13"	93° 28' 51.94"
9	Kizir-Kazyr	KK	54°5'1"	93° 10' 27.10"
10	Kizir-Kazyr	KK	54°28'32"	93° 2' 35.29"
11	Lysansk	LS	54°20'26"	93° 22' 41.92"
12	Lysansk	LS	54°15'43"	93° 28' 17.25"
13	Agulsk	AG	54°20'44"	93° 12' 1.86"
14	Agulsk	AG	54°19'31"	93° 14' 45.80"
15	Djotsk	DJ	54°22'26"	93° 7' 7.53"
16	Djotsk	DJ	54°22'12"	93° 2' 32.41"
17	Djotsk	DJ	54°20'32"	92° 59' 10.97"
18	Kizir-Kazyr	KK	54°22'9"	93° 10' 48.03"
19	Kizir-Kazyr	KK	54°9'52"	93° 11' 2.70"
20	Kizir-Kazyr	KK	54°3'32"	93° 29' 33.63"
21	Kizir-Kazyr	KK	54°14'35"	93° 10' 28.88"
22	Kizir-Kazyr	KK	54°27'31"	92° 5' 37.06"
23	Kizir-Kazyr	KK	54°11'42"	93° 3' 28.52"
24	Kizhi-Khem	KZ	53°22'27"	95° 12' 26.22"
25	Kizir-Kazyr	KK	54°1'33"	93° 4' 28.70"
26	Kiyalykh-Uzen	Kiy	54°39'30"	91° 5' 36.35"
27	Sorsk	SO	53°53'1"	93° 24' 30.88"
28	Kizir-Kazyr	KK	53°48'30"	93° 37' 33.08"
29	Kizhi-Khem	KZ	53°38'26"	94° 4' 28.37"
30	Bellyk	BE	54°18'29"	92° 3' 38.38"
31	Kizir-Kazyr	KK	54°5'32"	92° 34' 34.22"
32	Kizir-Kazyr	KK	53°30'30"	94° 13' 43.40"
33	Kizir-Kazyr	KK	53°27'10"	93° 59' 34.92"
34	Kizir-Kazyr	KK	53°28'42"	94° 7' 42.74"
35	Kizhi-Khem	KZ	53°9'13"	94° 36' 50.45"
36	Bellyk	BE	54°1'31"	91° 51' 33.34"
37	Sistigkhem	SS	53°4'43"	94° 33' 2.02"
38	Kizir-Kazyr	KK	53°34'33"	93° 6' 17.27"
39	Sistigkhem	SS	53°7'57"	94° 17' 29.77"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
N	46	40	Tolcheinskoye	Bedded barite	Ba
N	46	41	Julia Mednaya	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu,Mo
N	46	42	Julia Svintsovaya	Zn-Pb (Ag, Cu, W) skarn	Pb
N	46	43	Kapchalskoye	Barite vein	Barite
N	46	44	Kysyl-Tashskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn,Pb, Cu
N	46	45	Sorskoye	Porphyry Mo (\pm W, Sn, Bi)	Mo,Cu
N	46	46	Sorminskoye	Bedded barite	Barite
N	46	47	Kyzyl-Tashtygskoye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn,Pb, Cu
N	46	48	Sayanskoye	Serpentine-hosted asbestos	Chrysotile
N	46	49	Beiskoye	Porphyry Mo (\pm W, Sn, Bi)	Mo
N	46	50	Kyzyl-Chadrskoye	Porphyry Cu-Mo (\pm Au, Ag)	Cu,Mo
N	46	51	Malo-Shushenskoye	Granitoid-related Au vein	Au
N	46	52	Temir-Dag	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu,Mo
N	46	53	Taptan-Turazy	Barite vein	Barite
N	46	54	Mainskoye	Cyprus Cu-Zn massive sulfide	Cu
N	46	55	Kamyshtinskoye	Porphyry Mo (\pm W, Sn, Bi)	Mo
N	46	56	Igr-Golskoye	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Pb,Zn
N	46	57	Bazikskoye	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Cu
N	46	58	Chapsordag	Barite vein	Barite
N	46	59	Obkolskoye	W-Mo-Be greisen, stockwork, and quartz vein	Be
N	46	60	Azkizskoye	Rhodusite asbestos	Asbestos
N	46	61	Butraktinskoye	Ni-Co arsenide vein	Co,Cu
N	46	62	Abakanskoye	Fe skarn	Fe
N	46	63	Karbai	Fe skarn	Fe
N	46	64	Sitikskoye	Volcanic-hosted Hg	Hg
N	46	65	Poselschik	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu,Mo
N	47	1	Beloziminskoye	REE (\pm Ta, Nb, Fe) carbonatite	Nb,Ta
N	47	2	Vishnyakovskoye	REE-Li pegmatite	Ta
N	47	3	Malo-Tagulskoye	Mafic-ultramafic related Ti-Fe (V)	Ti,Fe
N	47	4	Karasuk	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Pb,Zn
N	47	5	Gutaro-Biryusinskoye	Muscovite pegmatite	Muscovite
N	47	6	Ingashinskoye	Diamond-bearing kimberlite	Diamond
N	47	7	Sredneziminskoye	REE (\pm Ta, Nb, Fe) carbonatite	Ta,Nb
N	47	8	Gorkhonskoye	Clastic sediment-hosted Hg \pm Sb	Hg
N	47	9	Agulskoye	Porphyry Cu-Mo (\pm Au, Ag)	Cu
N	47	10	Zashikhinskoe	Ta-Nb-REE alkaline metasomatite	Ta,Nb
N	47	11	Verkhne-Iiskoye	Mafic-ultramafic related Ti-Fe (V)	Ti,Fe

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
40	Bellyk	BE	54°4'27"	90° 57' 28.86"
41	Kiyalykh-Uzen	Kiy	54°16'3"	90° 25' 52.97"
42	Sorsk	SO	54°12'3"	90° 29' 18.11"
43	Chapsordag	ChD	53°31'49"	91° 46' 11.85"
44	Ulugoisk	UO	52°12'29"	95° 28' 21.54"
45	Sorsk	SO	53°59'31"	90° 7' 28.08"
46	Bellyk	BE	53°52'31"	90° 27' 37.45"
47	Ulugoisk	UO	51°59'47"	95° 58' 17.50"
48	Khemchik-Kurtushubinsk	KhK	52°28'31"	93° 44' 27.65"
49	Sorsk	SO	53°35'34"	90° 14' 34.29"
50	Unassigned	-	52°9'26"	94° 28' 32.55"
51	Kizir-Kazyr	KK	53°1'26"	91° 52' 28.10"
52	Kiyalykh-Uzen	Kiy	53°35'37"	90° 5' 52.91"
53	Chapsordag	ChD	53°21'34"	90° 30' 27.74"
54	North-Sayanian	NS	52°59'31"	91° 28' 28.13"
55	Sorsk	SO	53°16'9"	90° 27' 40.83"
56	Sorsk	SO	53°23'31"	90° 4' 28.67"
57	Chapsordag	ChD	53°16'52"	90° 19' 21.36"
58	Chapsordag	ChD	53°10'29"	90° 29' 38.69"
59	Kizhi-Khem	KZ	52°33'31"	91° 42' 26.69"
60	Unassigned	-	53°4'33"	90° 8' 38.28"
61	Kharadzhulsk	KhD	52°45'31"	90° 6' 36.39"
62	North-Sayanian	NS	52°24'33"	90° 2' 34.69"
63	Kizir-Kazyr	KK	52°0'31"	90° 32' 37.49"
64	Unassigned	-	55°46'28"	93° 35' 34.20"
65	Kiyalykh-Uzen	Kiy	53°35'33"	90° 1' 29.95"
1	Prisayanskiy	Prs	55°33'29"	100° 33' 22.07"
2	Tagulskiy	Tag	55°12'30"	97° 42' 23.28"
3	Tagulskiy	Tag	54°48'28"	97° 6' 21.42"
4	Sorsk	SO	54°17'27"	98° 35' 22.67"
5	Tagulskiy	Tag	54°22'26"	97° 46' 21.68"
6	Prisayanskiy	Prs	53°18'26"	100° 54' 23.76"
7	Prisayanskiy	Prs	53°26'28"	100° 26' 20.36"
8	Zashikhinskiy	Zsh	53°30'28"	99° 29' 19.16"
9	Agulsk	AG	54°26'28"	96° 13' 24.69"
10	Zashikhinskiy	Zsh	53°35'28"	98° 45' 21.86"
11	Iiskiy	Iy	52°59'24"	99° 39' 27.14"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
N	47	12	Botogolskoe	Magmatic nepheline	Al
N	47	13	Zun-Kholba	Au in shear zone and quartz vein	Au
N	47	14	Barun-Kholba	Au in shear zone and quartz vein	Au
N	47	15	Pionerskoye 2	Au in shear zone and quartz vein	Au
N	47	16	Ilchirskoye	Serpentine-hosted asbestos	Chrysotile
N	47	17	Aksug	Porphyry Cu-Mo (\pm Au, Ag)	Cu, Mo
N	47	18	Daschkhenskoye	Porphyry Mo (\pm W, Sn, Bi)	Mo
N	47	19	Kazyrskoye	W-Mo-Be greisen, stockwork, and quartz vein	Be, Li
N	47	20	Ulug-Alymskoye	W-Mo-Be greisen, stockwork, and quartz vein	W, Mo
N	47	21	Aryskanskoye 1	Ta-Nb-REE alkaline metasomatite	REE, Nb
N	47	22	Ulug-Odir-Oiy	Peralkaline granitoid-related Nb-Zr-REE	Ta, Nb, REE
N	47	23	Dalneye	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Zn, Pb, Cu
N	48	1	Sosnovy Baits	Banded iron formation (BIF, Superior Fe)	Fe
N	48	2	Onotskoe	Talc (magnesite) replacement	Talc
N	48	3	Savinskoe	Talc (magnesite) replacement	Magnesite,
N	48	4	Zhidoyskoye	Mafic-ultramafic related Ti-Fe (V)	Ti, Fe
N	49	1	Ulzutuiskoye	Volcanogenic-hydrothermal-sedimentary massive sulfide Pb-Zn (\pm Cu)	Zn
N	49	2	Ozernoye 2	Volcanogenic-hydrothermal-sedimentary massive sulfide Pb-Zn (\pm Cu)	Zn
N	49	3	Gundui	Sediment-hosted Cu	Cu
N	49	4	Kydzhimitskoye	Cassiterite-sulfide-silicate vein and stockwork	Sn
N	49	5	Egitinskoye	Carbonate-hosted fluor spar	Fluorite
N	49	6	Lugovoye	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Pb
N	50	1	Mokhovoye	Porphyry Sn	Sn
N	50	2	Irokinda	Au in shear zone and quartz vein	Au
N	50	3	Muoklakanskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
N	50	4	Ukoniskoe	Granitoid-related Au vein	Au
N	50	5	Orekitkanskye	Porphyry Mo (\pm W, Sn, Bi)	Mo
N	50	6	Itakinskoye	Granitoid-related Au vein	Au
N	50	7	Davenda	Porphyry Mo (\pm W, Sn, Bi)	Mo
N	50	8	Klyuchevskoye	Granitoid-related Au vein	Au
N	50	9	Aleksandrovskoye	Granitoid-related Au vein	Au
N	50	10	Budyumkanskoye	Sn-W greisen, stockwork, and quartz vein	Sn
N	50	11	Solonechinskoe	Carbonate-hosted Hg-Sb	Sb
N	50	12	Kariyskoye	Granitoid-related Au vein	Au
N	50	13	Yekaterininskoye	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Pb

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
12	Bokson-Kitoiskiy	B-K	52°20'27"	100° 45' 17.99"
13	Bokson-Kitoiskiy	B-K	52°7'29"	101° 14' 20.17"
14	Bokson-Kitoiskiy	B-K	52°8'58"	101° 0' 19.78"
15	Bokson-Kitoiskiy	B-K	52°4'57"	100° 58' 22.11"
16	Bokson-Kitoiskiy	B-K	52°1'27"	101° 5' 16.35"
17	Kizhi-Khem	KZ	53°25'31"	96° 34' 25.43"
18	Kizhi-Khem	KZ	53°17'26"	96° 54' 23.46"
19	Kizhi-Khem	KZ	53°28'30"	96° 9' 21.21"
20	Kizhi-Khem	KZ	53°0'26"	97° 30' 28.02"
21	Kizhi-Khem	KZ	53°11'29"	96° 24' 24.86"
22	Unassigned	-	52°8'25"	98° 2' 21.01"
23	Uluogoisk	UO	52°0'10"	96° 6' 39.05"
1	Sharizhalgaitskiy	Shz	52°42'30"	102° 3' 14.65"
2	Prisayanskiy	Prs	52°37'56"	102° 4' 17.74"
3	Sharizhalgaitskiy	Shz	52°33'57"	102° 8' 26.44"
4	Prisayanskiy	Prs	52°0'28"	102° 52' 20.36"
1	Ozerninsky	OZ	53°2'52"	111° 40' 7.79"
2	Ozerninsky	OZ	52°58'22"	111° 38' 58.63"
3	Ozerninsky	OZ	52°55'32"	111° 32' 4.89"
4	Eravninsky	Era	53°11'24"	110° 44' 8.72"
5	Eravninsky	Era	52°31'25"	111° 2' 12.11"
6	Pribaikalskiy	Prb	55°4'24"	100° 37' 23.22"
1	Muiskiy	MS	55°47'23"	115° 42' 53.90"
2	Muiskiy	MS	55°56'21"	115° 15' 0.03"
3	Nerchinskiy	Ner	54°42'26"	118° 38' 54.13"
4	Shilkinsko-Tukuringrskiy	ShT	53°57'24"	119° 42' 54.34"
5	Karengskiy	Krg	54°37'21"	116° 41' 54.88"
6	Shilkinsko-Tukuringrskiy	ShT	53°52'27"	118° 44' 51.49"
7	Shilkinsko-Tukuringrskiy	ShT	53°34'28"	119° 19' 28.84"
8	Shilkinsko-Tukuringrskiy	ShT	53°30'15"	119° 23' 40.23"
9	Shilkinsko-Takuringrskiy	ShT	53°32'36"	119° 12' 33.77"
10	East Mongolian-Priargunskiy	EMA	52°57'26"	119° 29' 53.79"
11	East Mongolian-Priargunskiy	EMA	52°29'21"	119° 45' 57.24"
12	Shilkinsko-Tukuringrskiy	ShT	52°47'21"	118° 30' 54.57"
13	Shilkinsko-Tukuringrskiy	ShT	52°37'23"	118° 40' 50.36"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
N	50	14	Zhirenskoye	Porphyry Mo (\pm W, Sn, Bi)	Mo
N	50	15	Usuglinskoye	Fluorspar vein	Fluorite
N	50	16	Darasunskoye	Granitoid-related Au vein	Au
N	50	17	Teremkinskoye	Granitoid-related Au vein	Au
N	50	18	Talatuskoye	Granitoid-related Au vein	Au
N	50	19	Kruchinskoye	Mafic-ultramafic related Ti-Fe (V)	Ti
N	51	1	Kavakta	Mafic-ultramafic related Ti-Fe (V)	P, Ti, Fe
N	51	2	Bamskoe (Chul'bango)	Au-Ag epithermal vein	Au, Ag
N	51	3	Kirovskoe	Granitoid-related Au vein	Au
N	51	4	Burindinskoe	Au-Ag epithermal vein	Au, Ag
N	51	5	Berezitovoe	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Zn, Pb, Au,
N	51	6	Ershiyizhan, Heilongjiang Province	Porphyry Cu (\pm Au)	Au
N	52	1	Kolchedanny Utyos	Volcanic-hosted Au-base-metal metasomatite	Au
N	52	2	Malomyr	Au in shear zone and quartz vein	Au
N	52	3	Zolotaya Gora	Au in shear zone and quartz vein	Au
N	52	4	Kamenushinskoe	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai type)	Cu, Fe, S
N	52	5	Pioneer	Granitoid-related Au vein	Au
N	52	6	Gar	Volcanogenic-sedimentary Fe	Fe
N	52	7	Pokrovskoe	Au-Ag epithermal vein	Au, Ag
N	52	8	Chagoyan	Sedimentary exhalative Pb-Zn (SEDEX)	Pb, Zn, Ag
N	52	9	Borgulican	Porphyry Cu (\pm Au)	Cu, Au
N	53	1	Etara	Granitoid-related Au vein	Au
N	53	2	Kuma	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu
N	53	3	North-Shantarskoe	Sedimentary phosphate	P
N	53	4	Feklistov	Zoned mafic-ultramafic Cr-PGE	PGE
N	53	5		Number 5 not used	
N	53	6	Gayumskoe	Anorthosite-apatite Ti-P	Ti, P
N	53	7	Maimakanskoe	Anorthosite-apatite Ti-P	Ti, P
N	53	8	Dzhaninskoe	Anorthosite-apatite Ti-P	Ti, P
N	53	9	Bogidenskoe	Anorthosite apatite Ti-P	Ti, P
N	53	10	Nelkanskoe	Sedimentary phosphate	P
N	53	11	Ir-Nimiiskoe-2	Sedimentary phosphate	P
N	53	12	Ir-Nimiiskoe-1	Volcanogenic-sedimentary Mn	Mn
N	53	13	Kolchedannyi Utyos	Au in shear zone and quartz vein	Au

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
14	Shilkinsko-Tukuringrskiy	ShT	52°49'26"	117° 21' 58.33"
15	Nerchinskiy	Ner	52°40'22"	115° 8' 1.83"
16	Nerchinskiy	Ner	52°20'48"	115° 34' 19.47"
17	Nerchinskiy	Ner	52°22'23"	115° 28' 4.75"
18	Nerchinskiy	Ner	52°23'52"	115° 21' 36.41"
19	Kruchininskiy	Krh	52°11'23"	114° 22' 5.56"
1	Kavakta	KV	55°52'20"	125° 21' 42.54"
2	North Stanovoy	Nst	55°58'24"	123° 53' 44.76"
3	Shilkinsko-Tukutingrskiy	ShT	54°26'25"	124° 13' 51.31"
4	North Stanovoy	Nst	53°40'24"	124° 53' 42.13"
5	Shilkinsko-Tukutingrskiy	ShT	54°18'26"	122° 34' 53.94"
6	East Mongolian-Priargunskiy	EMA	52°29'36"	125° 39' 52.33"
1	Tyrkanda-Stanovoy	TS	55°25'26"	131° 45' 35.43"
2	Kerbi-Selemdzha	Ksl	53°5'23"	131° 49' 36.42"
3	Djeltulaksky	Dlt	54°18'26"	126° 43' 43.59"
4	Shimanovsk-Gar	ShG	52°42'22"	129° 6' 35.18"
5	North Bureya	NB	53°26'25"	126° 26' 44.99"
6	Shimanovsk-Gar	ShG	52°33'26"	129° 3' 37.97"
7	North Bureya	NB	53°7'22"	126° 16' 44.95"
8	Chagoyan	Chn	52°18'28"	128° 21' 37.27"
9	North Bureya	NB	53°39'27"	126° 38' 37.57"
1	Preddzhugdzhursky	PRD	55°51'25"	136° 4' 25.26"
2	Preddzhugdzhursky	PRD	55°44'26"	135° 57' 23.77"
3	Uda-Shantar	UdS	55°8'40"	137° 34' 29.71"
4	Kondyor-Feklistov	KDF	54°54'26"	136° 42' 31.96"
5				
6	Baladek	Bal	55°42'25"	134° 14' 16.55"
7	Baladek	Bal	55°36'40"	134° 29' 11.50"
8	Baladek	Bal	55°30'12"	134° 8' 23.94"
9	Baladek	Bal	55°37'23"	133° 41' 13.79"
10	Uda-Shantar	UdS	54°17'51"	134° 58' 51.94"
11	Uda-Shantar	UdS	54°6'49"	134° 40' 37.92"
12	Uda-Shantar	UdS	54°8'42"	134° 32' 16.56"
13	Tyrkanda-Stanovoy	TS	54°59'25"	132° 0' 32.46"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
N	53	14	Milkanskoe	Volcanogenic-sedimentary Fe	Fe
N	53	15	Lagapskoe	Sedimentary phosphate	P
N	53	16	Boguchanskoe	W-Mo-Be greisen, stockwork, and quartz vein	W
N	53	17	Galamskoe	Volcanogenic-sedimentary Fe	Fe
N	53	18	Davakit	Anorthosite-apatite Ti-P	Ti,P
N	53	19	Gerbikanskoe	Volcanogenic-sedimentary Fe	Fe
N	53	20	Itmatinskoe	Volcanogenic-sedimentary Fe	Fe
N	53	21	Kurumskoe	Volcanogenic-sedimentary Fe	Fe
N	53	22	Ingagli	Au in shear zone and quartz vein	Au
N	53	23	Kharga	Au in shear zone and quartz vein	Au
N	53	24	Lednikov-Sarmaka	W-Mo-Be greisen, stockwork, and quartz vein	W
N	53	25	Tokur	Au in shear zone and quartz vein	Au
N	53	26	Afanas'evskoe	Au in shear zone and quartz vein	Au
N	53	27	Zazubrinskoe	Au in shear zone and quartz vein	Au
N	53	28	Poiskovoe	Granitoid-related Au vein	Au
N	53	29	Ezop	Sn-W greisen, stockwork, and quartz vein	Sn
N	53	30	Sagurskoe	Au in shear zone and quartz vein	Au
N	53	31	Talaminskoe	Cassiterite-sulfide-silicate vein and stockwork	Sb,Au
N	53	32	Olgakanskoe	Sn-W greisen, stockwork, and quartz vein	Sn
N	54	1	Mnogovershinnoe	Au-Ag epithermal vein	Au,Ag
N	54	2	Iskinskoe (Askum)	Epithermal quartz-alunite	Al
N	54	3	Bichinskoe	Sn-W greisen, stockwork, and quartz vein	W,Sn
O	44	1	Kolpashevskoye	Sedimentary Fe-V	Fe
O	44	2	Parabel-Chuzikskoye	Sedimentary siderite Fe	Fe
O	44	3	Bakcharskoye	Banded iron formation (BIF, Superior Fe)	Fe
O	44	4	Parbigskoye	Sedimentary siderite Fe	Fe
O	45	1	Iverskoye	Sedimentary siderite Fe	Fe
O	45	2	Semiluzhinskoye	Clastic-sediment-hosted Sb-Au	Sb,Au
O	46	1	Ust-Talskoye	REE-Li pegmatite	Li,Sn
O	46	2	Enashiminskoye 1	Clastic-sediment-hosted Sb-Au	Au
O	46	3	Oleniya Gora	W-Mo-Be greisen, stockwork, and quartz vein	W
O	46	4	Visokaya Gora	W-Mo-Be greisen, stockwork, and quartz vein	W,Mo, Au,
O	46	5	Olympiada	Au in black shale	Au
O	46	6	Pravoberezhnoye	Clastic sediment-hosted Hg±Sb	Hg

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
14	Uda-Shantar	UdS	54°2'31"	134° 7' 30.38"
15	Uda-Shantar	UdS	53°53'18"	134° 15' 18.18"
16	Pilda-Limuri	PLL	52°38'23"	137° 7' 31.10"
17	Uda-Shantar	UdS	53°36'15"	133° 55' 27.59"
18	Baladek	Bal	53°43'27"	133° 11' 35.93"
19	Uda-Shantar	UdS	53°28'40"	133° 11' 54.06"
20	Uda-Shantar	UdS	53°20'35"	133° 23' 42.07"
21	Uda-Shantar	UdS	53°21'59"	132° 52' 18.52"
22	Kerbi-Selemdzha	Ksl	53°3'3"	133° 21' 7.71"
23	Kerbi-Selemdzha	Ksl	52°56'30"	133° 37' 9.57"
24	Ezop-Yam-Alin	EVA	52°33'25"	134° 40' 31.05"
25	Kerbi-Selemdzha	Ksl	53°8'8"	132° 48' 49.28"
26	Kerbi-Selemdzha	Ksl	52°49'4"	133° 23' 7.63"
27	Kerbi-Selemdzha	Ksl	53°8'28"	132° 21' 31.83"
28	Kerbi-Selemdzha	Ksl	53°7'22"	132° 11' 37.85"
29	Ezop-Yam-Alin	EVA	52°27'23"	134° 10' 31.44"
30	Kerbi-Selemdzha	Ksl	52°58'11"	132° 35' 32.12"
31	Kerbi-Selemdzha	Ksl	52°41'23"	133° 23' 30.59"
32	Ezop-Yam-Alin	EVA	52°20'3"	134° 3' 46.98"
1	Lower Amur	LAM	53°52'52"	139° 47' 46.66"
2	Lower Amur	LAM	53°23'32"	140° 25' 25.56"
3	Lower Amur	LAM	52°31'37"	139° 31' 44.21"
1	Bakcharsk	BCh	57°59'30"	82° 19' 41.63"
2	Bakcharsk	BCh	57°22'38"	80° 34' 48.39"
3	Bakcharsk	BCh	56°32'2"	82° 13' 10.44"
4	Bakcharsk	BCh	56°28'33"	80° 32' 47.57"
1	Unassigned	-	56°5'5"	86° 34' 8.90"
2	Unassigned	-	56°21'30"	85° 15' 7.39"
1	Tatarsko-Tyradinsk	TT	59°51'29"	93° 21' 0.32"
2	Central-Yenisei	CY	59°50'20"	92° 54' 14.70"
3	Tatarsko-Tyradinsk	TT	59°51'28"	93° 6' 10.32"
4	Tatarsko-Tyradinsk	TT	59°55'1"	92° 58' 17.31"
5	Central-Yenisei	CY	59°53'57"	92° 48' 19.68"
6	Unassigned	-	59°56'29"	92° 36' 34.30"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
0	46	7	Ayakhta	Au in shear zone and quartz vein	Au
0	46	8	Bolshepitskoye	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Pb,Zn
0	46	9	Ishimbinskoye	Sedimentary siderite Fe	Fe
0	46	10	Mutovskoye	Carbonate-hosted Hg-Sb	Hg
0	46	11	Polkan Gora	Fe skarn	Fe
0	46	12	Lendakhskoye	Fe skarn	Fe
0	46	13	Enashiminskoye 2	Fe skarn	Fe
0	46	14	Ilinskoye	W-Mo-Be greisen, stockwork, and quartz vein	W
0	46	15	Nikolaevskoye	Au in shear zone and quartz vein	Au
0	46	16	Vasilievskoye	Au in shear zone and quartz vein	Au
0	46	17	Sokhatinoye	Bauxite (karst type)	Al
0	46	18	Gerfedskoye	Au in shear zone and quartz vein	Au
0	46	19	Mokrinskoye	Sedimentary Fe-V	Fe
0	46	20	Verchne-Kamenskoye	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn
0	46	21	Verkhoturlovskoye	Bauxite (karst type)	Al
0	46	22	Kirgiteiskoye 2	Talc (magnesite) replacement	Talc
0	46	23	Mulinskoye	REE-Li pegmatite	Li
0	46	24	Kirgiteiskoye 1	Bauxite (karst type)	Al
0	46	25	Murlinoye	Bauxite (karst type)	Al
0	46	26	Sredne-Tatarskoye	Bauxite (karst type)	Al
0	46	27	Teneginskoye	Carbonate-hosted Pb-Zn (Mississippi valley type)	Zn,Pb
0	46	28	Udorongovskoye	Volcanogenic-sedimentary Fe	Fe
0	46	29	Udereiskoye	Clastic-sediment-hosted Sb-Au	Sb,Au
0	46	30	Detalnoye	Carbonate-hosted Hg-Sb	Hg
0	46	31	Nizhne-Angarskoye	Sedimentary siderite Fe	Fe
0	46	32	Goltsovoye	W-Mo-Be greisen, stockwork, and quartz vein	W,Sn
0	46	33	Rudakovskoye	Carbonate-hosted Pb-Zn (Mississippi valley type)	Pb,Zn
0	46	34	Moryanikhinskoye	Carbonate-hosted Pb-Zn (Mississippi valley type)	Pb,Zn
0	46	35	Razdolninskoye	Clastic-sediment-hosted Sb-Au	Sb
0	46	36	Lineinoye	Sedimentary exhalative Pb-Zn (SEDEX)	Zn,Pb
0	46	37	Dolgozhdannoye	Sedimentary bauxite	Al
0	46	38	Kiiskoye	Weathering crust carbonatite REE-Zr-Nb-Li	REE,Zr, Nb
0	46	39	Tatarskoye	REE (\pm Ta, Nb, Fe) carbonatite	REE,Ta, Nb
0	46	40	Krutoye	Sedimentary exhalative Pb-Zn (SEDEX)	Zn,Pb
0	46	41	Kondakovskoye	REE-Li pegmatite	Be
0	46	42	Gorevskoye	Sedimentary exhalative Pb-Zn (SEDEX)	Pb,Zn
0	46	43	Tchernoretschenskoye	Clastic sediment-hosted Hg \pm Sb	Hg
0	46	44	Ust-Angarskoye	Carbonate-hosted Pb-Zn (Mississippi valley type)	Pb,Zn

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
7	Central-Yenisei	CY	59°12'31"	94° 5' 28.33"
8	Vorogovsko-Angarsk	VA	59°14'32"	93° 54' 35.00"
9	Angara-Pit	AP	59°2'28"	94° 28' 33.07"
10	Unassigned		58°35'27"	95° 42' 35.31"
11	Vorogovsko-Angarsk	VA	59°12'25"	93° 33' 28.00"
12	Vorogovsko-Angarsk	VA	59°8'45"	93° 33' 27.42"
13	Vorogovsko-Angarsk	VA	59°28'29"	92° 28' 31.75"
14	Tatarsko-Tyradinsk	TT	58°52'41"	94° 5' 29.10"
15	Central-Yenisei	CY	58°46'34"	94° 10' 56.90"
16	Central-Yenisei	CY	58°40'6"	94° 22' 8.27"
17	Adycha-Nera	AN	58°46'23"	94° 1' 5.78"
18	Central-Yenisei	CY	58°41'54"	94° 13' 48.70"
19	Angara-Pit	AP	58°26'25"	94° 57' 32.37"
20	Vorogovsko-Angarsk	VA	59°9'32"	92° 35' 34.18"
21	Verkhoturovsk	VT	58°18'31"	95° 8' 32.02"
22	Verkhoturovsk	VT	58°15'32"	94° 33' 24.21"
23	Tatarsko-Tyradinsk	TT	59°24'32"	91° 47' 41.28"
24	Verkhoturovsk	VT	58°24'20"	94° 50' 55.98"
25	Verkhoturovsk	VT	58°43'26"	93° 45' 32.11"
26	Verkhoturovsk	VT	58°40'29"	93° 53' 31.08"
27	Vorogovsko-Angarsk	VA	59°5'30"	92° 28' 40.32"
28	Angara-Pit	AP	58°24'41"	94° 41' 3.00"
29	Central-Yenisei	CY	58°29'31"	94° 9' 31.45"
30	Unassigned	-	58°59'32"	92° 26' 29.12"
31	Angara-Pit	AP	58°11'58"	94° 26' 45.71"
32	Tatarsko-Tyradinsk	TT	58°21'28"	94° 3' 35.99"
33	Vorogovsko-Angarsk	VA	58°13'60"	94° 20' 18.22"
34	Vorogovsko-Angarsk	VA	58°31'19"	93° 34' 14.31"
35	Central-Yenisei	CY	58°13'21"	94° 11' 35.60"
36	Vorogovsko-Angarsk	VA	58°23'28"	93° 28' 25.71"
37	Verkhoturovsk	VT	58°23'1"	94° 33' 24.37"
38	Tatarsko-Tyradinsk	TT	59°9'33"	91° 19' 40.98"
39	Tatarsko-Tyradinsk	TT	58°28'38"	93° 25' 48.39"
40	Vorogovsko-Angarsk	VA	58°29'6"	93° 5' 34.40"
41	Tatarsko-Tyradinsk	TT	57°59'29"	94° 3' 1.36"
42	Vorogovsko-Angarsk	VA	58°6'28"	93° 30' 31.45"
43	Unassigned	-	58°26'28"	92° 15' 28.59"
44	Vorogovsko-Angarsk	VA	58°7'26"	93° 0' 30.38"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
0	46	45	Kurishskoye	Sediment-hosted Cu	Cu
0	46	46	Predivinskoye	Banded iron formation (BIF, Superior Fe)	Fe
0	46	47	Kuzevskoye	Au in shear zone and quartz vein	Au
0	46	48	Bogunai	Au in shear zone and quartz vein	Au
0	46	49	Barginskoye	REE-Li pegmatite	Be
0	46	50	Kanskoye	W-Mo-Be greisen, stockwork, and quartz vein	Mo
0	46	51	Mazulskoye	Volcanogenic-sedimentary Mn	Mn
0	47	1	Nizhne-Gondinskoye	Sediment-hosted Cu	Cu
0	47	2	Chuktukonskoye	REE (\pm Ta, Nb, Fe) carbonatite	Nb,REE
0	47	3	Taloye 1	Fe skarn	Fe
0	47	4	Verkhne-Ollonokonskoye	Fe skarn	Fe
0	47	5	Beryambinskoye	Fe-Zn skarn	Fe
0	47	6	Pikhtovoye	Fe skarn	Fe
0	47	7	Ognenskoye	Fe skarn	Fe
0	47	8	Vostok	Fe skarn	Fe
0	47	9	Tagarskoye	Fe skarn	Fe
0	47	10	Kliminskoye	Fe-Zn skarn	Fe
0	47	11	Levoberezhnoye	Fe skarn	Fe
0	47	12	Bedobinskoye	Sediment-hosted Cu	Cu
0	47	13	Porozhinskoye 2	Bauxite (karst type)	Al
0	47	14	Kichetskoye	Fe skarn	Fe
0	48	1	Tatyaninskoye	Trap-related Fe skarn (Angara-Ilim type)	Fe
0	48	2	Yubileinoye 1	Fe skarn	Fe
0	48	3	Sputnik 1	Fe skarn	Fe
0	48	4	Atavinskoye 1	Fe skarn	Fe
0	48	5	Nerjundinskoye	Trap-related Fe skarn (Angara-Ilim type)	Fe
0	48	6	Kapaevskoye	Trap-related Fe skarn (Angara-Ilim type)	Fe
0	48	7	Rudnogorskoe	Trap-related Fe skarn (Angara-Ilim type)	Fe
0	48	8	Korshunovskoe	Trap-related Fe skarn (Angara-Ilim type)	Fe
0	48	9	Ponomarjovskoye	Trap-related Fe skarn (Angara-Ilim type)	Fe
0	49	1	Chuyskoye	Muscovite pegmatite	Muscovite
0	49	2	Vitimskoye	Muscovite pegmatite	Muscovite
0	49	3	Bolshoye Severnoye	Muscovite pegmatite	Muscovite
0	49	4	Lugovka	Muscovite pegmatite	Muscovite

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
45	Bedobinsk	BED	56°30'26"	94° 58' 32.47"
46	Kansk	KN	57°2'27"	93° 13' 36.89"
47	Kansk	KN	56°42'32"	93° 58' 28.81"
48	Kansk	KN	56°11'28"	94° 35' 23.60"
49	Kansk	KN	56°7'42"	94° 35' 34.26"
50	Kansk	KN	56°10'28"	94° 8' 33.45"
51	Unassigned		56°5'1"	90° 24' 40.90"
1	Bedobinsk	BED	59°51'28"	98° 32' 20.05"
2	Angara-Ilim	AI	59°25'29"	98° 58' 22.06"
3	Angara-Ilim	AI	58°31'57"	99° 21' 30.48"
4	Angara-Ilim	AI	59°30'30"	96° 8' 56.00"
5	Angara-Ilim	AI	58°22'27"	99° 32' 21.81"
6	Angara-Ilim	AI	58°30'37"	99° 6' 22.46"
7	Angara-Ilim	AI	58°27'9"	99° 16' 50.39"
8	Angara-Ilim	AI	58°25'43"	99° 4' 8.48"
9	Angara-Ilim	AI	58°28'24"	99° 5' 33.76"
10	Angara-Ilim	AI	58°34'41"	98° 29' 54.34"
11	Angara-Ilim	AI	58°35'11"	98° 20' 1.11"
12	Bedobinsk	BED	58°47'29"	97° 12' 54.81"
13	Verkhoturovsk	VT	58°37'28"	96° 41' 28.35"
14	Angara-Ilim	AI	57°28'26"	96° 2' 24.47"
1	Angara-Ilim	AI	56°41'24"	104° 26' 20.49"
2	Angara-Ilim	AI	59°4'55"	103° 28' 19.15"
3	Angara-Ilim	AI	58°56'40"	103° 56' 31.09"
4	Angara-Ilim	AI	58°56'11"	103° 46' 27.97"
5	Angara-Ilim	AI	58°49'23"	103° 48' 19.65"
6	Angara-Ilim	AI	58°30'25"	103° 45' 20.79"
7	Angara-Ilim	AI	57°14'27"	103° 42' 18.39"
8	Angara-Ilim	AI	56°31'25"	104° 0' 10.85"
9	Angara-Ilim	AI	58°38'24"	104° 48' 13.44"
1	Mamsko-Chuiskiy	Mch	58°24'22"	113° 26' 3.30"
2	Mamsko-Chuiskiy	Mch	58°12'22"	113° 25' 59.62"
3	Mamsko-Chuiskiy	Mch	58°0'27"	113° 22' 1.68"
4	Mamsko-Chuiskiy	Mch	58°3'27"	112° 54' 0.83"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
0	49	5	Kolotovskoye	Muscovite pegmatite	Muscovite
0	49	6	Komsomolsko-Molodezhnoye	Muscovite pegmatite	Muscovite
0	49	7	Synnyrskoye	Magmatic and metasomatic apatite	Apatite
0	49	8	Kholodninskoye	Volcanogenic-hydrothermal-sedimentary massive sulfide Pb-Zn (\pm Cu)	Pb,Zn
0	49	9	Sogdiondonskoye	Muscovite pegmatite	Muscovite
0	50	1	Murinskoye	Charoite metasomatite	Charoite
0	50	2	Chertovo Koryto	Au in black shale	Au
0	50	3	Vysochaishiy	Au in black shale	Au
0	50	4	Sukhoy Log	Au in black shale	Au
0	50	5	Olondo	Au in shear zone and quartz vein	Au
0	50	6	Charskoye	Banded iron formation (BIF, Superior Fe)	Fe
0	50	7	Krasnoye	Sediment-hosted Cu	Cu
0	50	8	Dogaldynskoye	Au in black shale	Au
0	50	9	Tarynnakh	Banded iron formation (BIF, Superior Fe)	Fe,Au
0	50	10	Sakinskoye	Sediment-hosted Cu	Cu
0	50	11	Udokanskoye	Sediment-hosted Cu	Cu
0	50	12	Chineyskoye	Zoned mafic-ultramafic Cr-PGE	Fe,Ti
0	50	13	Ledyanoe	Au in shear zone and quartz vein	Au
0	50	14	Chineiskoye	Mafic-ultramafic related Ti-Fe (V)	Ti,Fe
0	50	15	Sulbanskoye	Sediment-hosted Cu	Cu
0	50	16	Pravo-Ingamakitskoye	Sediment-hosted Cu	Cu
0	50	17	Burpalinskoye	Sediment-hosted Cu	Cu
0	50	18	Verkhne-Sakukanskoye	Au in shear zone and quartz vein	Au
0	50	19	Molodezhnoye	Serpentine-hosted asbestos	Chrysotile
0	50	20	Kelyanskoye	Carbonate-hosted Hg-Sb	Hg
0	50	21	Katuginskoye	Ta-Nb-REE alkaline metasomatite	Ta,Nb, REE
0	50	22	Unkurskoye	Sediment-hosted Cu	Cu
0	51	1	Seligdar	Apatite carbonatite	P
0	51	2	Perekatnoe	Piezoquartzite	piezoquartz
0	51	3	Tayozhnoe 2	Fe skarn	Fe
0	51	4	Nadyozhnoe, Fyodorovskoye	Phlogopite skarn	phlogopite
0	51	5	Dyosovskoye	Fe skarn	Fe
0	51	6	Bugarykta	Piezoquartzite	Piezoquartz
0	51	7	Lemochi	Au in shear zone and quartz vein	Au
0	51	8	Nelyuki	Banded iron formation (BIF, Superior Fe)	Fe

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
5	Mamsko-Chuiskiy	Mch	58°0'26"	113° 0' 0.82"
6	Mamsko-Chuiskiy	Mch	57°45'20"	112° 28' 57.90"
7	Synnyrskiy	Sn	56°55'25"	111° 30' 58.80"
8	Olokitskiy	OL	56°12'26"	109° 49' 6.51"
9	Mamsko-Chuiskiy	Mch	57°41'22"	112° 10' 5.59"
1	Unassigned	-	58°1'27"	119° 10' 53.14"
2	Tonodskiy	Tnd	59°27'25"	114° 47' 55.07"
3	Bodaibinskiy	Bod	58°44'25"	115° 32' 2.83"
4	Bodaibinskiy	Bod	58°36'26"	115° 14' 56.13"
5	West Aldan	WA	57°4'22"	119° 43' 48.45"
6	Uguy-Udokanskiy	UU	57°11'22"	118° 39' 53.62"
7	Uguy-Udokanskiy	UU	56°47'23"	119° 0' 46.20"
8	Bodaibinskiy	Bod	58°12'22"	114° 43' 4.56"
9	West Aldan	WA	58°17'55"	119° 16' 43.49"
10	Uguy-Udokanskiy	UU	56°34'24"	118° 41' 55.68"
11	Uguy-Udokanskiy	UU	56°33'23"	118° 29' 59.86"
12	Uguy-Udokanskiy	UU	56°27'25"	118° 42' 48.33"
13	Kalar-Stanovoy	KS	56°9'26"	119° 29' 47.28"
14	Uguy-Udokanskiy	UU	56°28'27"	118° 32' 50.76"
15	Uguy-Udokanskiy	UU	56°49'20"	117° 25' 57.50"
16	Uguy-Udokanskiy	UU	56°24'16"	118° 33' 57.00"
17	Uguy-Udokanskiy	UU	56°0'52"	119° 39' 48.81"
18	Muiskiy	MS	56°46'23"	116° 56' 52.30"
19	Baikalo-Muiskiy	BM	56°8'26"	115° 1' 2.46"
20	Muiskiy	MS	56°18'22"	114° 27' 4.74"
21	Uguy-Udokanskiy	UU	56°17'24"	119° 11' 51.01"
22	Uguy-Udokanskiy	UU	56°49'20"	118° 33' 53.46"
1	Nimnyr	NM	58°35'27"	125° 10' 42.78"
2	Upper Aldan	UA	58°18'27"	124° 19' 41.20"
3	Dyos-Leglier	DL	57°45'24"	125° 25' 36.74"
4	Tympton	TM	57°35'22"	125° 4' 47.29"
5	Dyos-Leglier	DL	57°34'27"	124° 31' 46.98"
6	Upper Aldan	UA	56°46'24"	125° 32' 40.62"
7	West Aldan	WA	57°49'22"	121° 18' 44.26"
8	West Aldan	WA	57°39'25"	121° 39' 50.79"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
0	51	9	Kuranakh	Au potassium metasomatite (Kuranakh type)	Au
0	51	10	Ussu	Sediment-hosted Cu	Cu
0	51	11	Dagda	Banded iron formation (BIF, Superior Fe)	Fe, Al
0	51	12	Pravokabaktanskoe	Au in shear zone and quartz vein	Au
0	52	1	Megyuskan	Phlogopite skarn	phlogopite
0	52	2	Emeldzhak	Fe skarn	Fe
0	52	3	Atugey	Banded iron formation (BIF, Superior Fe)	Fe
0	52	4	Olimpiyskoe	Banded iron formation (BIF, Superior Fe)	Fe
0	53	1	Yur	Au in shear zone and quartz vein	Au
0	53	2	Duet	Au in shear zone and quartz vein	Au
0	53	3	Gornoye Ozero	REE (\pm Ta, Nb, Fe) carbonatite	P, Nb, Ta
0	53	4	Urui	Carbonate-hosted Pb-Zn (Mississippi valley type)	Pb, Zn
0	53	5	Khamna	REE (\pm Ta, Nb, Fe) carbonatite	REE, Nb
0	53	6	Yudoma	Polymetallic (Pb, Zn, Ag) carbonate-hosted metasomatite	Zn
0	53	7	Pukhanil	Carbonate-hosted Pb-Zn (Mississippi valley type)	Zn, Pb
0	53	8	Lugun	Carbonate-hosted Pb-Zn (Mississippi valley type)	Pb, Zn
0	53	9	Muromets	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu, Mo, W
0	53	10	Tas-Yuryakh	Au-Ag epithermal vein	Au
0	53	11	Borong	Sediment-hosted Cu	Cu
0	53	12	Malyutka	Au in shear zone and quartz vein	Au
0	53	13	Algaminskoe	Carbonate-hosted Zr (Algoma type)	Zr, W
0	53	14	Ingili	REE (\pm Ta, Nb, Fe) carbonatite	REE, Nb, Ta
0	53	15	Chad (Mokhovoy)	Mafic-ultramafic related Cu-Ni-PGE	PGE
0	53	16	Sigilyakh	Sediment-hosted Cu	Cu
0	53	17	Maly Komui	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu
0	53	18	Dzhagdag	Basaltic Cu (Lake Superior type)	Cu
0	53	19	Chelasin	Porphyry Cu (\pm Au)	Cu
0	53	20	Kondyor	Zoned mafic-ultramafic Cr-PGE	Pt
0	53	21	Avlayakan	Au-Ag epithermal vein	Au, Ag
0	53	22	Klin	Au skarn	Au
0	53	23	Krutoy	Au in shear zone and quartz vein	Au
0	53	24	Ulakhan	Au-Ag epithermal vein	Au
0	53	25	Ulkanskoe	Ta-Li ongonite	REE, Be, Zr
0	53	26	Begundya	Felsic plutonic U-REE	REE, Be, Zr
0	53	27	Nygvagan-II	REE-Li pegmatite	Nb, Ta
0	53	28	Neozhidannoye	Felsic plutonic U-REE	REE

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
9	Chara-Aldan	CA	59°0'23"	125° 36' 35.89"
10	Uguy-Udokanskiy	UU	57°50'24"	120° 13' 47.22"
11	West Aldan	WA	57°13'23"	121° 3' 48.05"
12	Kalar-Stanovoy	KS	56°40'25"	122° 30' 53.01"
1	Uchur	UH	58°14'23"	130° 40' 35.17"
2	Dyos-Leglier	DL	58°29'26"	126° 42' 45.28"
3	Davangra-Nalurak	DN	56°20'55"	128° 19' 23.12"
4	Sutam	ST	56°4'26"	127° 54' 35.99"
1	Allakh-Yun	AY	59°54'20"	137° 47' 46.94"
2	Allakh-Yun	AY	59°46'55"	137° 43' 38.26"
3	Sette-Daban	SD	59°54'26"	137° 3' 26.38"
4	Kyllakh	KY	59°51'0"	136° 45' 57.90"
5	Sette-Daban	SD	59°42'4"	136° 24' 26.02"
6	Kyllakh	KY	59°24'27"	136° 24' 25.91"
7	Kyllakh	KY	59°11'25"	136° 45' 22.03"
8	Sette-Daban	SD	59°7'0"	136° 38' 29.00"
9	Allakh-Yun	AY	58°47'6"	137° 37' 47.96"
10	South Verkhoyansk	SV	58°42'26"	137° 27' 16.03"
11	Sette-Daban	SD	58°32'33"	137° 39' 37.39"
12	Allakh-Yun	AY	58°37'44"	137° 15' 46.86"
13	Ingili	Ing	58°38'58"	135° 35' 36.57"
14	Ingili	Ing	58°34'28"	135° 21' 21.12"
15	Kondyor-Feklistov	KDF	58°54'24"	134° 17' 27.33"
16	Sette-Daban	SD	57°41'57"	137° 23' 32.84"
17	Chelasin	CHL	57°22'29"	137° 31' 33.44"
18	Sette-Daban	SD	57°21'39"	137° 12' 30.64"
19	Chelasin	CHL	56°46'2"	137° 1' 10.20"
20	Unassigned	-	57°32'9"	134° 37' 24.23"
21	Preddzhugdzhursky	PRD	57°12'24"	134° 40' 22.92"
22	Chara-Aldan	CA	57°45'27"	132° 48' 27.75"
23	Chara-Aldan	CA	57°45'28"	132° 33' 38.74"
24	Chara-Aldan	CA	57°37'26"	132° 2' 30.57"
25	Unassigned	-	56°18'30"	134° 48' 16.66"
26	Unassigned	-	56°20'30"	134° 26' 6.76"
27	Unassigned	-	56°16'32"	134° 23' 48.99"
28	Unassigned	-	56°13'28"	134° 30' 24.17"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
0	53	29	Khaykan	Ta-Nb-REE alkaline metasomatite	REE
0	53	30	Amulican	Ta-Nb-REE alkaline metasomatite	REE
0	53	31	Algama	Stratiform Zr (Algama type)	Zr
0	54	1	Larisa	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Zn
0	54	2	Burgali	Porphyry Mo (\pm W, Sn, Bi)	Mo,W
0	54	3	Balaakkalakh, Diring-Yuryak	Sn-W greisen, stockwork, and quartz vein	Sn
0	54	4	Zhar	Au in shear zone and quartz vein	Au
0	54	5	Dies	Cu (\pm Fe, Au, Ag, Mo) skarn	Cu
0	54	6	Verkhneyotskoe	Au-Ag epithermal vein	Au,Ag
0	54	7	Etandzha	Porphyry Cu-Mo (\pm Au, Ag)	Cu,Mo
P	45	1	Eloguiskoye	Volcanogenic-sedimentary Fe	Fe
P	45	2	Porozhinskoye 1	Volcanogenic-sedimentary Mn	Mn
P	46	1	Suringdakonskoye	Fe skarn	Fe
P	46	2	Komdalskoye	Fe skarn	Fe
P	46	3	Bakhtinskoye	Fe skarn	Fe
P	46	4	Guryevskoye	Sedimentary phosphate	Phosphorit
P	46	5	Bilchany River	Mafic-ultramafic related Cu-Ni-PGE	Cu
P	46	6	Kamyshevskiy Baikitik	Fe skarn	Fe
P	46	7	Sukholebyzhinskoye	Sedimentary bauxite	Al
P	46	8	Organovskoye	Fe skarn	Fe
P	46	9	Sovetskoye	Au in shear zone and quartz vein	Au
P	46	10	Proletarskoye	Au in shear zone and quartz vein	Au
P	46	11	Eldorado	Au in shear zone and quartz vein	Au
P	46	12	Grigorevskoye	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Ag
P	46	13	Enashiminskoye 3	REE-Li pegmatite	Sn,Be, Li
P	46	14	Khariuzikhinskoye 2	REE-Li pegmatite	Be
P	46	15	Isakovskoye 2	Ta-Nb-REE alkaline metasomatite	Ta,Nb, Be
P	46	16	Khariuzikhinskoye 1	Volcanogenic Cu-Zn massive sulfide (Urals type)	Cu,Zn
P	46	17	Isakovskoye 1	Banded iron formation (BIF, Superior Fe)	Fe
P	46	18	Levotyradinskoye	W \pm Mo \pm Be skarn	Be,REE, Sn
P	47	1	Novoye I	Hydrothermal Iceland spar	Islandspar
P	47	2	Tychanskoye	Carbonate-hosted Pb-Zn (Mississippi valley type)	Pb,Zn
P	47	3	Nizhne-Lakur-skoye 1	Fe skarn	Fe

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
29	Unassigned	-	56°22'26"	132° 58' 33.65"
30	Unassigned	-	56°24'27"	132° 26' 39.33"
31	Ingili	Ing	58°39'33"	135° 25' 39.68"
1	Upper Udoma	UY	59°53'5"	139° 12' 52.12"
2	Upper Udoma	UY	59°55'46"	138° 49' 45.37"
3	Upper Udoma	UY	59°50'27"	139° 0' 14.28"
4	Allakh-Yun	AY	59°43'59"	138° 10' 33.14"
5	South Verkhoysansk	SV	59°9'50"	138° 10' 10.68"
6	Kukhtuy-Uliya	Kul	58°16'7"	139° 5' 33.33"
7	Chelasin	CHL	57°28'40"	138° 38' 36.69"
1	Turukhansk	TU	62°31'35"	85° 51' 36.91"
2	Isakovsk	IS	61°7'30"	89° 58' 39.14"
1	Kyreisko-Tungsk	KT	63°21'29"	91° 16' 37.56"
2	Kureisko-Tungsk	KT	63°5'32"	91° 51' 40.78"
3	Kureisko-Tungsk	KT	63°16'34"	91° 2' 38.75"
4	Unassigned	-	62°14'26"	92° 10' 32.32"
5	Kureisko-Tungsk	KT	61°47'30"	93° 5' 28.13"
6	Kureisko-Tungsk	KT	61°32'27"	93° 9' 38.59"
7	Unassigned	-	61°47'32"	90° 27' 39.13"
8	Kureisko-Tungsk	KT	60°59'27"	92° 25' 32.65"
9	Central-Yenisei	CY	60°22'30"	93° 3' 4.90"
10	Central-Yenisei	CY	60°11'17"	93° 16' 8.83"
11	Central-Yenisei	CY	60°6'42"	93° 17' 49.93"
12	Central-Yenisei	CY	60°9'30"	93° 3' 33.19"
13	Tatarsko-Tyradinsk	TT	60°1'28"	93° 1' 37.86"
14	Tatarsko-Tyradinsk	TT	60°45'36"	90° 41' 11.02"
15	Tatarsko-Tyradinsk	TT	60°31'30"	91° 8' 28.39"
16	Isakovsk	IS	60°42'25"	90° 34' 7.38"
17	Isakovsk	IS	60°20'34"	91° 10' 39.73"
18	Tatarsko-Tyradinsk	TT	60°30'28"	90° 22' 40.44"
1	Central-Tungussk	CT	63°40'25"	101° 12' 20.29"
2	Central-Tungussk	CT	61°11'27"	98° 5' 58.76"
3	Angara-Ilim	AI	60°0'27"	101° 33' 18.52"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
P	48	1	Ilimpeiskoye 1	Fe skarn	Fe
P	48	2	Zeletzaya Gora 1	Hydrothermal Iceland spar	Islandspar
P	48	3	Khrustalnoye	Hydrothermal Iceland spar	Islandspar
P	49	1	Mir	Diamond-bearing kimberlite	diamonds
P	49	2	Internatsional'naya	Diamond kimberlite	diamonds
P	53	1	Kurpandzha	Sediment-hosted Cu	Cu
P	53	2	Dzhalkan	Basaltic Cu (Lake Superior type)	Cu
P	53	3	Segenyakh	Carbonate-hosted Pb-Zn (Mississippi valley type)	Pb,Zn, CaF
P	53	4	Rossomakha	Sediment-hosted Cu	Cu
P	53	5	Onello (Lider)	Au in shear zone and quartz vein	Au
P	53	6	Svetly	Au in black shale	Au
P	53	7	Bular	Au in shear zone and quartz vein	Au
P	53	8	Povorotnoye	REE (\pm Ta, Nb, Fe) carbonatite	Nb,Ta
P	53	9	Pereval'noe	Carbonate-hosted Pb-Zn (Mississippi valley type)	Pb, Zn
P	53	10	Sardana	Carbonate-hosted Pb-Zn (Mississippi valley type)	Pb,Zn
P	54	1	Darpichan	Porphyry Cu-Mo (\pm Au, Ag)	Cu,Mo
P	54	2	Imtachan	Sn-W greisen, stockwork, and quartz vein	Pb,Zn, Sn
P	54	3	Senduchen	Clastic-sediment-hosted Sb-Au	As,Sb
P	54	4	Upper Menkeche	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn, Ag
P	54	5	Stibnitovoe	Ag-Sb vein	Sb
P	54	6	Levo-Dybin	Granitoid-related Au vein	Au,W, Bi
P	54	7	It-Yuryak	W-Mo-Be greisen, stockwork, and quartz vein	W
P	54	8	Avliya	Sn-W greisen, stockwork, and quartz vein	Sn
P	54	9	Nezhdaninka	Au in shear zone and quartz vein	Au,Ag
P	54	10	Tsvetok	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Zn,Pb
P	54	11	Sakyrtyr	Carbonate-hosted Pb-Zn (Mississippi valley type)	Zn,CaF ₂
P	54	12	Surkho	Porphyry Sn	Sn
P	54	13	Dochkanakh	Porphyry Mo (\pm W, Sn, Bi)	Mo,W
P	54	14	Rozovoye	Porphyry Mo (\pm W, Sn, Bi)	Mo
P	54	15	Voskhod	Au in shear zone and quartz vein	Au
P	54	16	Novinka	Au in shear zone and quartz vein	Au
P	54	17	Zaderzhnoe	Au in shear zone and quartz vein	Au
Q	45	1	Nizhny Chopko	Fe skarn	Fe

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
1	Unassigned	-	61°39'27"	105° 31' 15.97"
2	Central-Tungusssk	CT	61°44'24"	102° 57' 13.50"
3	Central-Tungusssk	CT	60°40'29"	102° 16' 23.33"
1	Botuobiya-Markha	Bot	62°31'24"	113° 53' 57.01"
2	Botuobiya-Markha	Bot	62°24'24"	113° 41' 55.84"
1	Sette-Daban	SD	63°30'53"	137° 0' 20.27"
2	Sette-Daban	SD	63°37'27"	136° 37' 18.30"
3	Sette-Daban	SD	63°9'14"	137° 49' 38.39"
4	Sette-Daban	SD	63°1'32"	137° 56' 17.03"
5	Allakh-Yun	AY	62°22'10"	137° 51' 12.93"
6	Allakh-Yun	AY	61°27'13"	137° 17' 53.97"
7	Allakh-Yun	AY	61°12'46"	137° 48' 58.68"
8	Sette-Daban	SD	60°38'28"	137° 21' 27.27"
9	Kyllakh	KY	60°8'13"	136° 40' 8.59"
10	Kyllakh	KY	60°4'13"	136° 45' 18.07"
1	Kuydusun	KUY	61°41'32"	143° 55' 12.82"
2	Adycha-Nera	AN	62°56'43"	139° 43' 40.46"
3	Khandyga	Kha	63°20'35"	138° 23' 12.52"
4	South Verkhoyansk	SV	62°55'41"	139° 26' 29.01"
5	Khandyga	Kha	63°13'2"	138° 28' 46.61"
6	South Verkhoyansk	SV	62°49'40"	139° 33' 43.35"
7	South Verkhoyansk	SV	62°41'32"	139° 37' 29.07"
8	Kuydusun	KUY	62°13'2"	140° 33' 40.88"
9	South Verkhoyansk	SV	62°33'7"	139° 17' 52.43"
10	Kukhtuy-Uliya	Kul	61°35'30"	141° 47' 4.09"
11	Sette-Daban	SD	62°42'0"	138° 20' 55.24"
12	Kukhtuy-Uliya	Kul	61°34'28"	141° 19' 5.49"
13	Upper Udoma	UY	61°29'31"	141° 12' 14.60"
14	Kukhtuy-Uliya	Kul	60°20'31"	142° 37' 15.00"
15	South Verkhoyansk	SV	61°21'42"	139° 21' 36.22"
16	Allakh-Yun	AY	61°41'14"	138° 16' 30.97"
17	Allakh-Yun	AY	60°26'57"	138° 9' 51.17"
1	Kureisko-Tungsk	KT	67°32'29"	89° 25' 47.56"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
Q	45	2	Degen River	Mafic-ultramafic related Cu-Ni-PGE	Cu,Co
Q	45	3	Koly River	Mafic-ultramafic related Cu-Ni-PGE	Cu,Co
Q	45	4	Graviiskoye	Sediment-hosted Cu	Cu
Q	45	5	Severnaya River 2	Mafic-ultramafic related Cu-Ni-PGE	Cu,Co
Q	45	6	Kureiskoye 2	Magmatic graphite	Graphite
Q	45	7	Sukharikhinskoye	Sediment-hosted Cu	Cu
Q	45	8	Kureiskoye 1	Fe skarn	Fe
Q	45	9	Severnaya River 1	Fe skarn	Fe
Q	45	10	Turukhanskoye	Volcanogenic-sedimentary Fe	Fe
Q	45	11	Fatyanichinskoye	Metamorphic graphite	Graphite
Q	46	1	Ulovny Kamen'	Metamorphic graphite	Graphite
Q	46	2	Anakitskoye	Fe skarn	Fe
Q	46	3	Noginskoye	Metamorphic graphite	Graphite
Q	47	1	Skala Suslova	Hydrothermal Iceland spar	Islandspar
Q	47	2	Krutoye (Gonchak)	Hydrothermal Iceland spar	Islandspar
Q	49	1	Udachnaya	Diamond kimberlite	Diamonds
Q	49	2	Sytykansкая	Diamond kimberlite	Diamonds
Q	49	3	Yubileinaya	Diamond-bearing kimberlite	Diamond
Q	49	4	Aikhal	Diamond kimberlite	Diamond
Q	52	1	Betyugen	Clastic-sediment-hosted Sb-Au	Sb
Q	52	2	Iserdek	Clastic sediment-hosted Hg±Sb	Hg
Q	52	3	Zagadka	Clastic sediment-hosted Hg±Sb	Hg,Sb
Q	52	4	Syncha-I & II	Au in shear zone and quartz vein	Au
Q	52	5	Zvyozdochka	Clastic sediment-hosted Hg±Sb	Hg
Q	52	6	Kholbolok	Clastic sediment-hosted Hg±Sb	Hg
Q	52	7	Kysyltas	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Ag,Au,Pb,
Q	52	8	Kuolanda	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Pb,Zn, Ag
Q	52	9	Anomalnoe	Sn-W greisen, stockwork, and quartz vein	Sn
Q	52	10	Bochiyskoe	Sn-W greisen, stockwork, and quartz vein	Sn
Q	52	11	Imtandzha	Sn-W greisen, stockwork, and quartz vein	Sn
Q	52	12	Mangazeika 1	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Pb,Ag
Q	52	13	Bezmyannoe	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Ag,Pb
Q	52	14	Chochimbal	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Au,Ag, Pb
Q	52	15	Dyabkhanya	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Au,Ag

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
2	Kureisko-Tungsk	KT	66°43'28"	89° 48' 43.90"
3	Kureisko-Tungsk	KT	66°34'31"	89° 56' 47.68"
4	Igarsk	IG	67°34'33"	86° 50' 41.84"
5	Kureisko-Tungsk	KT	66°34'33"	89° 30' 43.86"
6	Kureisko-Tungsk	KT	66°53'33"	88° 20' 42.33"
7	Igarsk	IG	67°13'30"	87° 2' 0.79"
8	Kureisko-Tungsk	KT	66°32'29"	88° 9' 11.32"
9	Kureisko-Tungsk	KT	66°2'34"	89° 1' 42.34"
10	Turukhansk	TU	65°50'34"	85° 27' 23.75"
11	Kureisko-Tungsk	KT	64°9'28"	88° 27' 45.47"
1	Kureisko-Tungsk	KT	65°54'24"	94° 0' 31.48"
2	Kureisko-Tungsk	KT	64°38'30"	90° 56' 45.98"
3	Kureisko-Tungsk	KT	64°27'31"	91° 18' 44.40"
1	Central-Tungussk	CT	64°10'24"	99° 19' 24.47"
2	Central-Tungussk	CT	64°4'58"	99° 13' 18.65"
1	Daldyn-Olenyok	DO	66°25'26"	112° 13' 6.07"
2	Daldyn-Olenyok	DO	66°2'5"	111° 41' 17.44"
3	Daldyn-Olenyok	DO	65°57'43"	111° 41' 0.31"
4	Daldyn-Olenyok	DO	65°53'25"	111° 30' 58.31"
1	Eckychu-Billyakh	EB	67°5'6"	131° 34' 48.06"
2	Eckychu-Billyakh	EB	67°7'46"	130° 39' 57.49"
3	Eckychu-Billyakh	EB	66°54'37"	131° 0' 30.43"
4	Verkhoyansk	VK	67°49'1"	128° 2' 19.91"
5	Eckychu-Billyakh	EB	66°42'42"	131° 1' 58.49"
6	Eckychu-Billyakh	EB	66°14'52"	131° 47' 45.51"
7	West Verkhoyansk	WV	66°24'29"	130° 19' 22.90"
8	Verkhoyansk	VK	67°9'55"	127° 44' 45.47"
9	Yana-Adycha	Yad	65°36'46"	131° 48' 42.14"
10	Verkhoyansk	VK	66°13'39"	129° 57' 18.17"
11	West Verkhoyansk	WV	66°7'23"	129° 35' 54.91"
12	West Verkhoyansk	WV	65°45'34"	130° 34' 8.13"
13	Eckychu-Billyakh	EB	65°38'15"	130° 35' 47.28"
14	West Verkhoyansk	WV	65°53'0"	129° 44' 35.67"
15	Verkhoyansk	VK	65°29'21"	129° 59' 13.09"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
Q	52	16	Galochka	Au in shear zone and quartz vein	Au
Q	52	17	Mangazeika 2	Au in black shale	Ag
Q	52	18	Balbuk	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb
Q	53	1	Kysylga	Ag-Sb vein	Au, Ag
Q	53	2	Ege-Khaya	Sn-W greisen, stockwork, and quartz vein	Sn, Zn
Q	53	3	Burgavli	Sn-W greisen, stockwork, and quartz vein	Sn
Q	53	4	Billyakh	Ag-Sb vein	Sb, Au
Q	53	5	Kere-Yuryakh	Sn-W greisen, stockwork, and quartz vein	Sn, W
Q	53	6	Lazo	Au in shear zone and quartz vein	Au
Q	53	7	Sentachan	Clastic-sediment-hosted Sb-Au	Sb
Q	53	8	Kester	Sn-W greisen, stockwork, and quartz vein	Sn, Ta, Nb,
Q	53	9	Uzlovoe	Clastic-sediment-hosted Sb-Au	Au, Sb
Q	53	10	Ulakhan-Egelyakh	Cassiterite-sulfide-silicate vein and stockwork	Sn
Q	53	11	Delyuvialnoe	Granitoid-related Au vein	Au
Q	53	12	Khoton-Khaya	Cassiterite-sulfide-silicate vein and stockwork	Sn
Q	53	13	Ak-Altyn	Au-Ag epithermal vein	Au
Q	53	14	Ilin-Tas	Sn-W greisen, stockwork, and quartz vein	Sn
Q	53	15	Alys-Khaya	Sn-W greisen, stockwork, and quartz vein	Sn
Q	53	16	Burgochan	Sn-W greisen, stockwork, and quartz vein	Sn
Q	53	17	Singyami	Clastic sediment-hosted Hg \pm Sb	Hg
Q	53	18	Erikag	Sn-W greisen, stockwork, and quartz vein	Sn
Q	53	19	Prognoz	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Ag, Pb
Q	53	20	Agytky	W \pm Mo \pm Be skarn	W, Cu
Q	53	21	Imnekan	Clastic-sediment-hosted Sb-Au	Sb
Q	53	22	Bugdogar	Sn-W greisen, stockwork, and quartz vein	Sn
Q	53	23	Khunkhada	W \pm Mo \pm Be skarn	W, Sn
Q	54	1	Khotoidokh	Volcanogenic Zn-Pb-Cu massive sulfide (Kuroko, Altai types)	Pb, Zn, Ag
Q	54	2	Titovskoe	Sn skarn	B
Q	54	3	Dogdo	Volcanic-hosted Hg	Hg
Q	54	4	Aleshkino	Au in shear zone and quartz vein	Au
Q	54	5	Uchui	Au in shear zone and quartz vein	Au
Q	54	6	Darpir	Au in shear zone and quartz vein	Au
Q	54	7	Tumannoe	Au in shear zone and quartz vein	Au
Q	54	8	Seikimyan	Clastic sediment-hosted Hg \pm Sb	Hg
Q	54	9	Erel	Clastic sediment-hosted Hg \pm Sb	Hg

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
16	Verkhoyansk	VK	65°41'32"	128° 25' 0.18"
17	Verkhoyansk	VK	65°6'25"	130° 1' 28.99"
18	Verkhoyansk	VK	64°48'30"	130° 36' 8.32"
1	Selennyakh	SE	67°32'52"	137° 54' 10.14"
2	Yana-Adycha	Yad	67°37'32"	134° 46' 13.39"
3	Chybagalakh	CH	66°27'6"	137° 37' 58.29"
4	Eckyuchu-Billyakh	EB	67°34'30"	134° 5' 21.62"
5	Chybagalakh	CH	66°16'1"	137° 56' 47.68"
6	Adycha-Nera	AN	66°37'38"	136° 50' 6.52"
7	Taryn	TR	66°28'51"	137° 2' 25.90"
8	Yana-Adycha	Yad	67°16'56"	134° 37' 5.28"
9	Taryn	TR	66°5'43"	137° 46' 50.41"
10	Yana-Adycha	Yad	67°8'19"	134° 20' 15.86"
11	Adycha-Nera	AN	66°16'25"	136° 52' 20.44"
12	Yana-Adycha	Yad	67°16'54"	133° 46' 17.29"
13	Eckyuchu-Billyakh	EB	67°0'44"	133° 58' 24.31"
14	Yana-Adycha	Yad	65°59'26"	135° 55' 13.86"
15	Yana-Adycha	Yad	65°55'12"	135° 42' 9.05"
16	Yana-Adycha	Yad	65°45'23"	134° 44' 40.61"
17	Khandyga	Kha	64°41'11"	137° 39' 21.73"
18	Tompo	TO	64°29'20"	137° 17' 13.21"
19	Eckyuchu-Billyakh	EB	65°40'3"	133° 28' 28.04"
20	Tompo	TO	64°16'48"	137° 15' 34.94"
21	Khandyga	Kha	64°45'3"	135° 43' 51.23"
22	Yana-Adycha	Yad	65°11'55"	133° 58' 2.94"
23	Tompo	TO	64°33'29"	134° 48' 41.10"
1	Erikrit	SE	66°42'54"	141° 4' 13"
2	Chybagalakh	CH	67°32'2"	139° 12' 46.35"
3	Selennyakh	SE	67°20'33"	139° 25' 58.03"
4	Chybagalakh	CH	67°10'28"	138° 21' 25.95"
5	Adycha-Nera	AN	65°46'3"	138° 21' 21.77"
6	Adycha-Nera	AN	65°35'53"	138° 32' 14.42"
7	Adycha-Nera	AN	65°29'34"	138° 53' 43.94"
8	Khandyga	Kha	64°7'6"	139° 50' 56.29"
9	Khandyga	Kha	64°29'40"	138° 24' 35.35"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
R	45	1	Telmi River	Mafic-ultramafic related Cu-Ni-PGE	Cu
R	45	2	Oktyabrskoye 3	Mafic-ultramafic related Cu-Ni-PGE	Cu, Ni, Co
R	45	3	Imangdinskoye	Mafic-ultramafic related Cu-Ni-PGE	Cu, Ni, Co
R	45	4	Talnakh	Mafic-ultramafic related Cu-Ni-PGE	Cu, Ni, Co, P
R	45	5	Makus	Fe skarn	Fe
R	45	6	Norilsk II	Mafic-ultramafic related Cu-Ni-PGE	Cu, Ni, Co
R	45	7	Norilsk I	Mafic-ultramafic related Cu-Ni-PGE	Cu, Ni, Co
R	45	8	Vologochan River	Mafic-ultramafic related Cu-Ni-PGE	Cu, Ni
R	45	9	Zub-Marksheiderskoye	Mafic-ultramafic related Cu-Ni-PGE	Cu
R	45	10	Chernaya Gora	Mafic-ultramafic related Cu-Ni-PGE	Cu, Ni, Co,
R	45	11	Ergalakh River	Mafic-ultramafic related Cu-Ni-PGE	Cu, Co
R	45	12	Chabechete Lake	Mafic-ultramafic related Cu-Ni-PGE	Cu, Co
R	45	13	Serebryany Brook	Mafic-ultramafic related Cu-Ni-PGE	Cu, Co
R	45	14	Bolgokhtonskoye	Porphyry Cu-Mo (\pm Au, Ag)	Cu, Mo
R	46	1	Namakan River 1	Mafic-ultramafic related Cu-Ni-PGE	Ni
R	46	2	Namakan River 3	Mafic-ultramafic related Cu-Ni-PGE	Ni, Co
R	46	3	Samasik River	Basaltic Cu (Lake Superior type)	Cu
R	46	4	Namakan River 2	Mafic-ultramafic related Cu-Ni-PGE	Ni, Cu, Co
R	46	5	Neizvestnoye	Mafic-ultramafic related Cu-Ni-PGE	Cu, Ni, Co
R	46	6	Chopko River	Mafic-ultramafic related Cu-Ni-PGE	Cu
R	46	7	Chapomi River	Mafic-ultramafic related Cu-Ni-PGE	Cu
R	46	8	Arylakh River	Mafic-ultramafic related Cu-Ni-PGE	Cu
R	46	9	Arylakhskoye	Basaltic Cu (Lake Superior type)	Cu
R	46	10	Lama Lake	Mafic-ultramafic related Cu-Ni-PGE	Cu
R	47	1	Gulinskoye 1	Fe-Ti (\pm Ta, Nb, Fe, Cu, apatite) carbonatite	Fe, Ti
R	47	2	Gulinskoye 3	Phlogopite carbonatite	Phlogopite
R	47	3	Gulinskoye 2	REE (\pm Ta, Nb, Fe) carbonatite	Ta, Nb, REE
R	48	1	Iriaas 1	Fe-Ti (\pm Ta, Nb, Fe, Cu, apatite) carbonatite	Fe, Ti
R	48	2	Odikhincha 1	Phlogopite carbonatite	Phlogopite
R	48	3	Kugda 1	Fe-Ti (\pm Ta, Nb, Fe, Cu, apatite) carbonatite	Fe, Ti
R	48	4	Magan 1	Fe-Ti (\pm Ta, Nb, Fe, Cu, apatite) carbonatite	Fe, Ti
R	48	5	Bor-Uryakh 1	Fe-Ti (\pm Ta, Nb, Fe, Cu, apatite) carbonatite	Fe, Ti
R	48	6	Essey 1	Fe-Ti (\pm Ta, Nb, Fe, Cu, apatite) carbonatite	Fe, Ti
R	49	1	Popigay	Impact diamond	Diamond

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
1	Norilsk	NR	70°17'29"	89° 15' 53.26"
2	Norilsk	NR	69°32'30"	88° 19' 53.50"
3	Norilsk	NR	69°6'32"	89° 35' 49.53"
4	Norilsk	NR	69°26'33"	88° 21' 55.28"
5	Kureisko-Tungsk	KT	69°2'29"	89° 23' 52.42"
6	Norilsk	NR	69°16'21"	88° 11' 36.81"
7	Norilsk	NR	69°16'38"	88° 26' 15.14"
8	Norilsk	NR	69°24'35"	87° 46' 39.34"
9	Norilsk	NR	69°21'19"	87° 53' 54.48"
10	Norilsk	NR	69°10'32"	88° 20' 56.09"
11	Norilsk	NR	69°2'28"	87° 7' 47.11"
12	Norilsk	NR	68°45'34"	87° 35' 53.21"
13	Norilsk	NR	68°41'34"	87° 4' 46.33"
14	Norilsk	NR	68°20'27"	86° 50' 46.23"
1	Norilsk	NR	70°34'26"	94° 44' 37.45"
2	Norilsk	NR	70°28'29"	94° 29' 50.44"
3	Norilsk	NR	70°7'27"	94° 30' 49.96"
4	Norilsk	NR	70°12'28"	94° 13' 29.66"
5	Norilsk	NR	70°9'31"	93° 15' 42.27"
6	Norilsk	NR	70°9'29"	92° 45' 43.23"
7	Norilsk	NR	70°24'29"	92° 0' 42.49"
8	Norilsk	NR	70°28'31"	90° 40' 43.19"
9	Norilsk	NR	70°24'28"	90° 30' 42.41"
10	Norilsk	NR	69°27'31"	91° 43' 34.72"
1	Maimecha-Kotuisik	MK	70°59'25"	101° 48' 21.16"
2	Maimecha-Kotuisik	MK	70°54'35"	101° 14' 51.35"
3	Maimecha-Kotuisik	MK	70°50'18"	101° 16' 42.89"
1	Maimecha-Kotuisik	MK	70°11'25"	105° 20' 20.55"
2	Maimecha-Kotuisik	MK	70°53'28"	103° 10' 15.34"
3	Maimecha-Kotuisik	MK	70°45'26"	103° 28' 13.27"
4	Maimecha-Kotuisik	MK	70°13'26"	104° 24' 13.13"
5	Maimecha-Kotuisik	MK	70°0'30"	102° 16' 23.66"
6	Maimecha-Kotuisik	MK	69°15'26"	102° 15' 30.87"
1	Popigay	PP	71°29'24"	110° 59' 58.52"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
R	50	1	Tomtor	Weathering crust carbonatite REE-Zr-Nb-Li	Nb,REE, P
R	52	1	Mengeniler	Carbonate-hosted Pb-Zn (Mississippi valley type)	Pb,Zn
R	52	2	Kyongdei	Sediment-hosted U	U
R	52	3	Nikolaevskoe, Otkrytoe	Au in shear zone and quartz vein	Au
R	52	4	Anna-Emeskhin	Au in shear zone and quartz vein	Au
R	52	5	Aga-Kukan	Carbonate-hosted Pb-Zn (Mississippi valley type)	Pb,Zn, Cu
R	52	6	Syugyunyakh-Kende	Au in shear zone and quartz vein	Au
R	52	7	Enichan-Tolono	Au in shear zone and quartz vein	Au
R	53	1	Burguat	Au in shear zone and quartz vein	Au
R	53	2	Sigilyakh	Cassiterite-sulfide-silicate vein and stockwork	Sn
R	53	3	Aragochan	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Pb,Zn
R	53	4	Ulakhan-Sala	Cassiterite-sulfide-silicate vein and stockwork	Sn
R	53	5	Baidakh	Clastic-sediment-hosted Sb-Au	Sb
R	53	6	Dzhuotuk	Au in shear zone and quartz vein	Au
R	53	7	Tirekhtyak district (Nagornoe, Podgornoe, Poputnoe)	Sn-W greisen, stockwork, and quartz vein	Sn,W
R	53	8	Kyuchyus	Ag-Sb vein	Au,Hg, Sb
R	53	9	Solur	Granitoid-related Au vein	Au
R	53	10	Novoe	Granitoid-related Au vein	Au
R	53	11	Argin	Sn-W greisen, stockwork, and quartz vein	Sn
R	54	1	Ukachilkan	Cassiterite-sulfide-silicate vein and stockwork	Sn
R	54	2	Dalnee	Polymetallic Pb-Zn ± Cu (±Ag, Au) vein and stockwork	Pb,Zn
R	54	3	Deputatskoye	Sn-W greisen, stockwork, and quartz vein	Sn
R	54	4	Takalkan	Sn-W greisen, stockwork, and quartz vein	Sn
R	54	5	Chibagalakh	Sn skarn	B,Sn
S	44	1	Uboininskoye	Carbonate-hosted Hg-Sb	Hg
S	45	1	Lenivaya River	W-Mo-Be greisen, stockwork, and quartz vein	Mo
S	45	2	Rostorguev Island	W-Mo-Be greisen, stockwork, and quartz vein	Mo
S	46	1	Kolomeitseva River	W-Mo-Be greisen, stockwork, and quartz vein	Mo
S	46	2	Mamont River 2	Porphyry Cu-Mo (±Au, Ag)	Mo

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
1	Udzha	UD	71°4'23"	116° 39' 50.98"
1	Tuora-Sis	Tuo	71°44'27"	127° 34' 19.22"
2	Tuora-Sis	Tuo	71°25'59"	127° 19' 7.99"
3	Verkhoyansk	VK	70°19'23"	129° 32' 37.82"
4	Verkhoyansk	VK	68°55'5"	128° 23' 54.76"
5	Orulgan	OR	69°3'43"	126° 45' 0.11"
6	Verkhoyansk	VK	68°41'31"	127° 45' 3.32"
7	Verkhoyansk	VK	68°10'57"	128° 10' 52.59"
1	Kular	KU	70°41'18"	134° 30' 41.47"
2	Chokurdak	PO	69°53'45"	136° 46' 18.33"
3	Polousny	PO	69°43'59"	136° 59' 21.99"
4	Polousny	PO	69°46'58"	136° 39' 1.13"
5	Lower Yana	LY	70°4'28"	135° 30' 36.47"
6	Kular	KU	70°12'50"	134° 16' 29.70"
7	Kular	KU	69°57'48"	134° 39' 42.93"
8	Lower Yana	LY	69°47'21"	134° 44' 26.88"
9	Kular	KU	70°0'48"	133° 22' 40.88"
10	Kular	KU	69°35'20"	133° 5' 37.50"
11	Chybagalakh	CH	68°2'25"	135° 49' 28.34"
1	Polousny	PO	69°54'42"	139° 18' 18.80"
2	Polousny	PO	69°48'45"	138° 28' 41.56"
3	Polousny	PO	69°14'48"	139° 57' 26.36"
4	Polousny	PO	68°58'13"	139° 42' 50.20"
5	Chybagalakh	CH	68°12'54"	139° 49' 46.30"
1	Tari-Bigai	TB	73°8'30"	82° 32' 6.84"
1	North Taimyr	NT	74°8'1"	89° 18' 59.45"
2	North Taimyr	NT	74°0'32"	84° 18' 4.68"
1	North Taimyr	NT	75°17'29"	95° 33' 46.90"
2	North Taimyr	NT	75°12'36"	94° 35' 29.07"

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Quadrant row	Quadrant column	Deposit site no.	Deposit name	Lode mineral deposit model or type	Major metals
S	46	3	Mamont River 1	W-Mo-Be greisen, stockwork, and quartz vein	Mo
S	46	4	Morzhovoye	W-Mo-Be greisen, stockwork, and quartz vein	Mo
S	46	5	Ilistaya River	Porphyry Cu-Mo (\pm Au, Ag)	Cu
S	46	6	Shtellinga Cape	REE-Li pegmatite	Be
S	46	7	Geologicheskaya Gryada	Podiform chromite	Cr
S	46	8	Izvilistaya River	Carbonate-hosted Hg-Sb	Hg
S	47	1	Surovoye Lake 1	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn
S	47	2	Oranzhevaya River 1	Polymetallic (Pb, Zn \pm Cu, Ba, Ag, Au) volcanic-hosted metasomatite	Pb,Ag
S	47	3	Partizanskoye	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb,Zn
S	48	1	Nirkaika-Tari 1	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb
S	48	2	Malachai-Tari 1	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Cu
S	48	3	Kungasalakh 1	Mafic-ultramafic related Cu-Ni-PGE	Cu
T	46	1	Birulinskoye	REE-Li pegmatite	Be
T	47	1	Lagerny Cape	Mafic-ultramafic related Cu-Ni-PGE	Cu
T	47	2	Studeninskoye	Granitoid-related Au vein	Au
T	47	3	Ozernaya River	Mafic-ultramafic related Cu-Ni-PGE	Cu
T	47	4	Olovnyy Cape	W-Mo-Be greisen, stockwork, and quartz vein	Sn
T	48	1	Kunarskoye 1	Granitoid-related Au vein	Au
T	48	2	Lodochnikov Plateau 1	W-Mo-Be greisen, stockwork, and quartz vein	Mo
U	47	1	Proliv Krasnoy Armii	Polymetallic Pb-Zn \pm Cu (\pm Ag, Au) vein and stockwork	Pb, Zn

Table 1. Significant metalliferous and non-metalliferous lode deposits of Northeast Asia

Deposit site no.	Metallogenic belt	Belt ID (Maps B,C,D)	Lat °N	Long °E
3	North Taimyr	NT	75°11'20"	94° 15' 53.89"
4	North Taimyr	NT	75°22'28"	91° 17' 45.07"
5	North Taimyr	NT	74°49'31"	92° 32' 56.08"
6	Birulinsk	Bir	75°21'32"	90° 30' 52.62"
7	Unassigned		74°17'27"	92° 27' 4.58"
8	Tari-Bigai	TB	74°7'28"	92° 2' 4.94"
1	Byrranga	BR	74°50'24"	101° 36' 39.85"
2	Byrranda	BR	74°41'26"	100° 3' 22.04"
3	Byrranga	BR	74°41'30"	99° 34' 36.61"
1	Byrranga	BR	75°20'54"	106° 50' 23.22"
2	Byrranga	BR	75°5'29"	106° 52' 12.70"
3	Byrranga	BR	74°46'25"	107° 28' 21.45"
1	Birulinsk	Bir	76°5'29"	94° 27' 44.81"
1	Severo-Zemelsk	SZ	79°52'26"	99° 49' 26.72"
2	Unassigned		78°27'29"	100° 48' 44.31"
3	Severo-Zemelsk	SZ	79°29'25"	96° 52' 36.37"
4	North Taimyr	NT	78°32'27"	99° 33' 28.88"
1	Unassigned		77°37'23"	104° 0' 30.62"
2	North Taimyr	NT	76°15'28"	104° 11' 17.83"
1	Byrranga	BR	80°8'24"	97° 16' 37.92"