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世界111个金矿典型矿床地质特征一览

Geological characteristics of 111 typical gold deposits in the world

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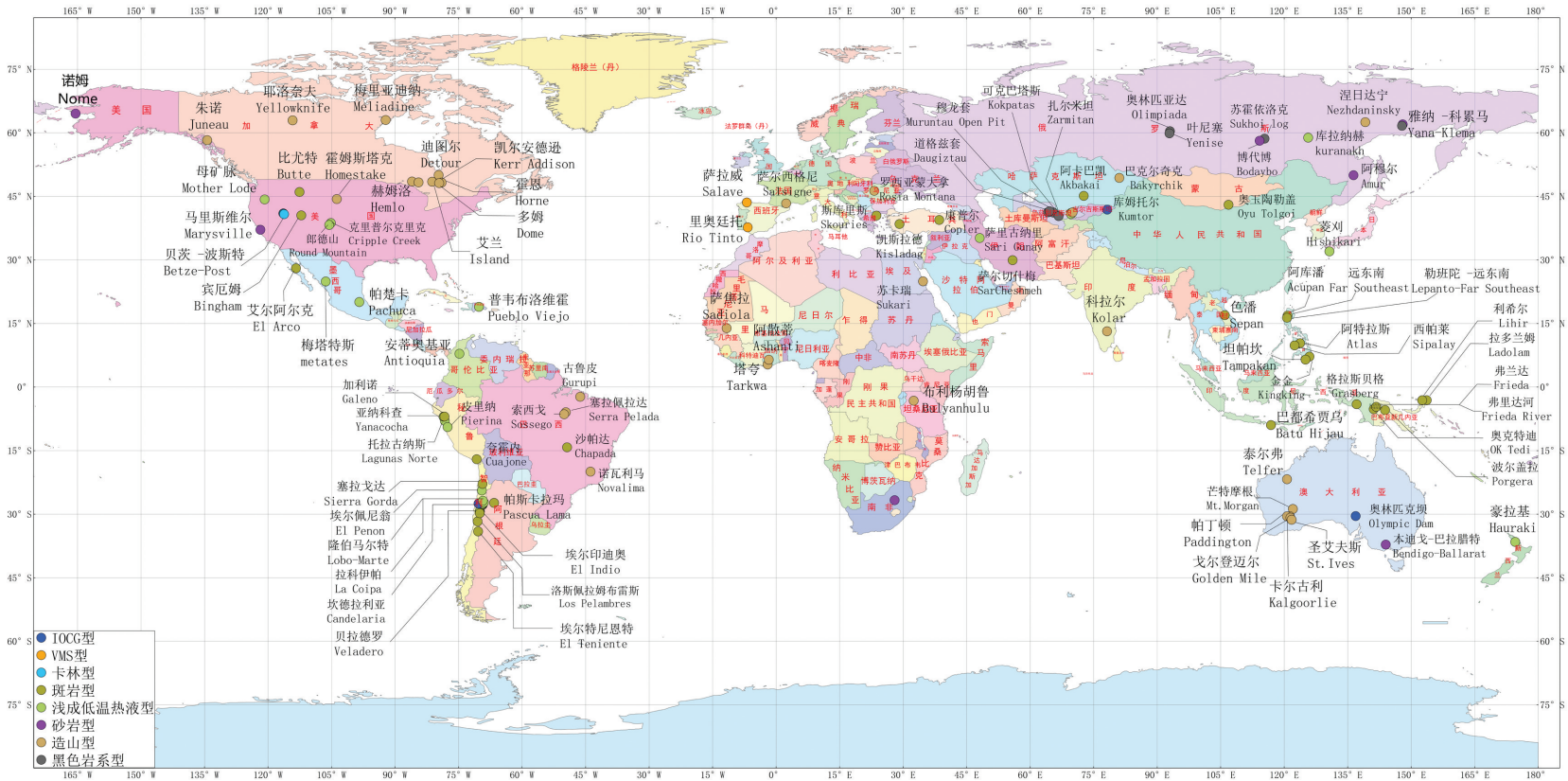

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矿床名称	国家	纬度 *	经度 *	资源储量/t *	品位/10⁻⁶*	围岩	亚类型	时代	成矿带	文献
阿伦布雷拉, Alumbrera	阿根廷	-27.33	-66.61	489	0.35	古近系玄武质安山岩	斑岩型	新生代	安第斯山成矿带	Proffett,2003;Harris et al., 2004;斯顿等, 1998
贝拉德罗, Veladero	阿根廷	-29.37	-69.95	265	0.78	古近系火山岩和火山碎屑岩	浅成低温热液型	新生代	安第斯山成矿带	Charchaflie D et al., 2007; Holley et al., 2012
苏卡瑞, Sukari	埃及	24.95	34.7	478	1.11	老的火山沉积岩(安山岩-英安岩-粗面岩)及一套蛇绿岩套	造山型	太古宙	非洲—阿拉伯成矿区	Helmy et al., 2004
泰尔弗, Telfer	澳大利亚	-21.75	120.67	547	0.75	中新元古界变质粉砂岩砂岩白云质大理岩	造山型	元古宙	澳大利亚成矿区	Sexton,1994; Goellnicht et al., 1989;黄强, 1999
芒特摩根, Mt. Morgan	澳大利亚	-28.77	122.07	295	2.29	中新元古界变质粉砂岩砂岩白云质大理岩	造山型	元古宙	澳大利亚成矿区	Taube,1986;Ulrich et al., 2003;叶子裕, 1986
奥林匹克坝, Olympic Dam	澳大利亚	-30.44	136.89	1200	0.30	中新元古界变质粉砂岩砂岩白云质大理岩	IOCG型	元古宙	澳大利亚成矿区	Reeve et al., 1990;Johnson et al., 1995;吴健民等, 1998
帕丁顿, Paddington	澳大利亚	-30.49	121.33	476	1.47	中新元古界变质粉砂岩砂岩白云质大理岩	造山型	元古宙	澳大利亚成矿区	Surhone et al., 2010; Hancock et al., 1990
戈尔登迈尔, Golden Mile	澳大利亚	-30.5	120.67	1250	2.40	新太古界粗玄岩	造山型	太古宙	澳大利亚成矿区	Phillips,1986;Boulter et al., 1987;C.A.Boulter et al., 1991
卡尔古利, Kalgoorlie	澳大利亚	-30.82	121.48	1720	1.23	新太古界玄武岩粗玄岩	造山型	太古宙	澳大利亚成矿区	Phillips et al., 1996; Phillips et al., 1987
圣艾夫斯, St. Ives	澳大利亚	-31.32	121.77	228	3.35	中新元古界变质粉砂岩砂岩白云质大理岩	造山型	元古宙	澳大利亚成矿区	Cox et al., 2004;Neumayr et al., 2008;
本迪戈-巴拉腊特, Bendigo-Ballarat	澳大利亚	-37.18	144	600	-	奥陶—泥盆系板岩泥岩砂砾岩	砂岩型	古生代	伊里安—新西兰成矿带	Schaubs et al., 2002;Gao et al., 1995
拉多兰姆, Ladolam	巴布亚新几内亚	-3.1	153.67	1324	-	古近系安山岩	斑岩型	新生代	伊里安—新西兰成矿带	Moyle et al., 1990;Carman,2003
利希尔, Lihir	巴布亚新几内亚	-3.12	152.6	585	2.20	古近系安山岩	斑岩型	新生代	伊里安—新西兰成矿带	Plimer et al., 1998;Plim et al., 1990
弗里达河, Frieda River	巴布亚新几内亚	-4.66	141.73	354	0.32	中新世闪长岩、闪长斑岩	斑岩型	新生代	伊里安—新西兰成矿带	Cooke,2005;Whalen, 1982
奥克特迪, OK Tedi	巴布亚新几内亚	-5.21	141.14	348	0.52	古近系闪长岩	斑岩型	新生代	伊里安—新西兰成矿带	Rush et al., 1990;Van Dongen et al., 2010;杨培章, 1989

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波尔盖拉, Porgera	巴布亚新几内亚	-5.42	143.83	630	4.44	古近系闪长岩	斑岩型	新生代	伊里安 —新西兰成矿带	Richards et al., 1993; Fleming et al., 1986;孙希, 1998
弗兰达, Frieda	巴布亚新几内亚	-4.66	141.73	315	0.52	古近系安山岩	斑岩型	新生代	伊里安—新西兰成矿带	Eastoe,1983;J.B.Whalen et al., 1985
沙帕达, Chapada	巴西	-14.23	-49.37	212	0.23	晚元古界变质火山岩	斑岩型	元古宙	南美地台成矿区	Richardson et al., 1986; Kuyumjian et al., 1995;周德安, 1993
古鲁皮, Gurupi	巴西	-2.29	-46.27	115	-	晚元古界变质火山沉积岩	造山型	元古宙	南美地台成矿区	Klein et al., 2006;Klein et al., 2005
塞拉佩拉达, Serra Pelada	巴西	-5.94	-49.66	500	12.23	新太古界变质火山沉积岩	造山型	太古宙	南美地台成矿区	Cabral et al., 2002; Moroni et al., 2001
索西戈, Sossego	巴西	-6.42	-50.07	249	0.20	新太古界变质火山沉积岩	造山型	太古宙	南美地台成矿区	Monteiro et al., 2008; Monteiro et al., 2008
诺瓦利马, Novalima	巴西	-19.97	-43.83	810	-	新太古界变质火山沉积岩	造山型	太古宙	南美地台成矿区	Lobato et al., 1998;Gair,1962
普韦布洛维霍, Pueblo Viejo	多米尼加	18.93	-70.18	600	2.70	白垩系酸性火山岩	浅成低温热液型	中生代	加勒比成矿带	Kesler et al., 1981; Vennemann et al., 1993;王登红, 1994
雅纳-科累马, Yana-Klema	俄罗斯	62	148	60	-	第四系冲积层	砂岩型	新生代	楚科奇—鄂霍茨克成矿带	王琳, 2001
涅日达宁, Nezhdaninsky	俄罗斯	62.52	139.16	629	5.10	下二叠统砂岩、粉砂岩	造山型	白垩纪	楚科奇—鄂霍茨克成矿带	N. S. Bortnikov,2007; Chernyshev,2011
纳塔尔津, Natalka	俄罗斯	61.65	147.83	1920	2.80	一套新元古代黑色沉积页岩,主要由黑色含碳高的千枚岩、粉砂质页岩和粉砂岩组成	黑色岩系型	泥盆纪	楚科奇—鄂霍茨克成矿带	Distler et al., 2004; Meffre et al., 2008
叶尼塞, Yenise	俄罗斯	60.39	93.03	460	-	中新元古界页岩碳酸盐岩	黑色岩系型	元古宙	西伯利亚成矿区	Sazonov et al., 2010; Sazonov et al., 2009; A.M. Сазоновет al.,1992
奥林匹亚达, Olimpiada	俄罗斯	59.87	92.91	1473	3.27	晚前寒武纪早里菲 Kordian 组浅变质含碳碎屑岩系	黑色岩系型	早古生代	西伯利亚成矿带	Yakubchuk et al., 2014;王琳 , 2001

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库拉纳赫, kuranakh	俄罗斯	58.85	125.67	487	3.60	侏罗纪长石砂岩和下寒武统石灰岩、白云岩	浅成低温热液型	中生代	楚科奇—鄂霍茨克成矿带	Rodionov,2014
苏霍依洛克, Sukhoi log	俄罗斯	58.62	115.36	450	4.00	上二叠碳酸盐沉积岩	黑色岩系型	白垩纪	西伯利亚成矿区	Meffre et al., 2008;Large et al., 2007;谭克仁, 1998
博代博, Bodaybo	俄罗斯	58.12	114.2	1200	2.80	第四系冲积层	砂岩型	新生代	西伯利亚成矿区	Palenova et al., 2015; Aleksandrov et al., 1975
阿穆尔, Amur	俄罗斯	50	136.38	5445	-	第四系冲积层	砂岩型	新生代	乌拉尔—蒙古成矿带	Stepanov et al., 2008; Moiseenko et al., 1999
萨尔西格尼, Salsigne	法国	43.34	2.36	200	7.78	晚古生代砂岩、碳酸盐岩	造山型	新生代	欧洲成矿带	Le Guen et al., 1992; Demange et al., 2006;许鹏秋, 1997
远东南, Far Southeast	菲律宾	16.85	120.8	440	0.70	古近系英安岩石英闪长岩	斑岩型	新生代	东亚成矿带	Shinohara et al., 1997; Hedenquist et al., 1998;金铜标, 2011
勒班陀—远东南, Lepanto-Far Southeast	菲律宾	16.85	120.8	440	1.24	古新世英安质-安山质角砾岩、石英闪长斑岩	斑岩型	第四纪	东亚成矿带	施俊法等 , 2006;毛景文, 2012
阿库潘, Acupan	菲律宾	16.36	120.66	324	2.54	Virar 杂岩和部分安山质熔岩、火山角砾岩、凝灰岩	斑岩型	第四纪	东亚成矿带	Cooke et al., 1996;施俊法等 , 2006
阿特拉斯, Atlas	菲律宾	10.34	123.75	331	0.24	古新世石英闪长斑岩和英安斑岩	斑岩型	古近纪	东亚成矿带	cooke,2005;罗明强, 2011
西帕莱, Sipalay	菲律宾	9.82	122.46	301	0.34	-	斑岩型	第四纪	东亚成矿带	cooke,2005;Donald, 2005
金金, Kingking	菲律宾	7.19	125.97	295	0.40	新近纪—第四纪闪长斑岩	斑岩型	新生代	东亚成矿带	罗明强, 2011
坦帕坎, Tampakan	菲律宾	6.47	125.05	336	0.24	新近纪安山岩、闪长岩、角砾岩	斑岩型	第四纪	东亚成矿带	cooke,2005;C Middleton, 2004
安蒂奥基亚, Antioquia	哥伦比亚	7.86	-74.8	155	3.03	新生代安山质斑岩	浅成低温热液型	新生代	考卡省成矿带	Lesage et al., 2013;Lesage, 2011
巴克尔奇克, Bakyrchik	哈萨克斯坦	49.37	81.07	277	9.40	上石炭统黑色页岩,互层的灰岩、复矿砂岩、炭质粉砂岩等海相含碳细碎屑岩建造	造山型	石炭纪	乌拉尔—蒙古成矿带	刘春涌 , 2005b; 2005c

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阿卡巴凯, Akbakai	哈萨克斯坦	45.12	72.67	360	6.19	泥盆纪花岗闪长岩与奥陶纪碎屑岩接触带	斑岩型	石炭纪—泥盆纪	楚—伊犁成矿带	刘春涌 , 2005a
库姆托尔, Kumtor	吉尔吉斯斯坦	41.86	78.2	334	3.20	一套碳质含量较高千枚岩、砾岩、粉砂岩和含大理岩夹层组成的前寒武纪沉积岩,部分已石墨化,矿区外围为片麻岩	IOCG型	二叠纪	乌拉尔—蒙古成矿带	Mao et al., 200408;陈喜峰等 , 2010
梅里亚迪纳, Meliadine	加拿大	63.02	-92.22	200	6.39	中新太古界绢云母石英片岩片麻岩	造山型	太古宙	北美成矿区	Carpenter et al., 2004; Lawley et al., 2015
耶洛奈夫, Yellowknife	加拿大	62.94	-114.2	499	2.08	中新太古界绢云母石英片岩片麻岩	造山型	太古宙	北美成矿区	Boyle,1960;Boyle, 1959;John et al., 1988
迪图尔, Detour	加拿大	50.02	-79.71	105	0.98	中新太古界绢云母石英片岩片麻岩	造山型	太古宙	北美成矿区	Reed et al., 1981;Deptuck et al., 1982;冯蕾, 2010
赫姆洛, Hemlo	加拿大	48.5	-86	600	1.41	中新太古界绢云母石英片岩片麻岩	造山型	太古宙	北美成矿区	Cameron et al., 1985; Tomkins et al., 2004; D.C. Harris et al., 1988
多姆, Dome	加拿大	48.46	-81.24	333	-	中新太古界绢云母石英片岩片麻岩	造山型	太古宙	北美成矿区	Mair et al., 2006;Mair et al., 2011;韩桂春等, 1994
艾兰, Island	加拿大	48.31	-84.45	162	8.26	中新太古界绢云母石英片岩片麻岩	造山型	太古宙	北美成矿区	Lin et al., 2002;Parks et al., 2001
霍恩, Horne	加拿大	48.25	-79.01	279	1.54	中新太古界绢云母石英片岩片麻岩	造山型	太古宙	北美成矿区	Kerr et al., 1993;MacLean et al., 1991;Hekpacob et al., 1983
凯尔安德逊, Kerr Addison	加拿大	48.14	-79.58	307	-	中新太古界绢云母石英片岩片麻岩	造山型	太古宙	北美成矿区	Kishida et al.,1987;Tihor et al., 1977;R. J. McH et al., 1990
塔夸, Tarkwa	加纳	5.33	-2	200	1.13	古元古代碎屑岩	造山型	元古宙	西非成矿区	Pigois et al., 2003;Hirdes et al., 1994;毛伦锦, 1989
阿散蒂, Ashanti	加纳	6.45	-1.72	1182	1.36	古元古界石墨千枚岩炭质绢云母片岩砂岩	造山型	元古代	非洲—阿拉伯成矿区	Schwartz et al., 1992; Osae et al., 1995;张允, 1997
色潘, Sepan	老挝	16.97	105.98	112	1.60	侵入古生界碎屑岩、碳酸盐岩建造中的花岗闪长斑岩,志留系生物碎屑白云岩、钙质页岩和碧玉质岩	斑岩型	二叠纪	中南半岛成矿带	朱华平等 , 2013
罗西亚蒙大拿, Rosia Montana	罗马尼亚	46.31	23.17	577	1.04	含有早中生代变质陆壳的岩浆杂岩体,上覆白垩纪浊积岩	造山型	新近纪	地中海成矿带	Kouzmanov et al., 2006;Kouzmanov et al., 2005

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萨焦拉, Sadiola	马里	13.9	-11.68	280	1.81	古元古代花岗岩、绿岩带, 碳酸盐岩	造山型	元古宙	非洲—阿拉伯成矿区	Masurel et al., 2017;张广纯等, 2014
诺姆, Nome	美国	64.52	-165.45	170	-	古近系—第四系冲积层	砂岩型	新生代	北科迪勒拉成矿带	Cline et al., 2000;Ruggieri et al., 1997
朱诺, Juneau	美国	58.27	-134.37	281	1.42	早二叠世—白垩纪板岩和千枚岩	造山型	古近纪	北科迪勒拉成矿带	goldfarb,2005;毛景文, 2012
贝茨—波斯特 ,Betze-Post	美国	40.98	-116.38	970	-	志留纪—泥盆纪沉积岩	卡林型	晚中生代	北科迪勒拉成矿带	毛景文, 2012;施俊法, 2010
比尤特, Butte	美国	46.04	-112.56	3511	0.67	白垩纪—新近纪石英二长岩、石英斑岩	斑岩型	新生代	北科迪勒拉成矿带	瞿泓滢等, 2013;Rusk, 2008;Cooke,2005
霍姆斯塔克, Homestake	美国	44.37	-103.75	3200	6.70	中新元古界片岩	造山型	太古代	北美成矿区	Rye et al., 1974;Caddey,1992;朱奉三, 1987
母矿脉, Mother Lode	美国	44.28	-120.8	1000	0.32	侏罗纪蛇纹石化橄榄岩和花岗岩中的石英脉	浅成低温热液型	太古代	北科迪勒拉成矿带	Walker et al., 2007;Savage et al., 2000;Nesbitt et al., 1986
卡林, Carlin	美国	40.91	-116.32	109.5	-	奥陶—泥盆纪钙质白云岩和灰岩	卡林型	晚古生代—中新生代	北美成矿区	Radtke et al., 1980;Radtke,1985;Stephen et al., 2000
金坑, Gold Quarry	美国	40.79	-116.21	350	1.65	古近系火山岩	卡林型	古生代	北科迪勒拉成矿带	Rota et al., 1988;Rota, 1987;于又华等, 2000
宾厄姆, Bingham	美国	40.52	-112.15	110	0.22	古近系火成二长岩	斑岩型	古生代	北科迪勒拉成矿带	Redmond et al., 2004; Maughan et al., 2002;张键元, 1989
克里普尔克里克, Cripple Creek	美国	38.72	-105.17	755	0.68	古近系火山杂岩	浅成低温热液型	新生代	北科迪勒拉成矿带	Thompson et al., 1985; Kelley et al., 1998;苑丽, 1997
郎德山, Round Mountain	美国	38.26	-105.55	261	0.53	古近系流纹岩凝灰岩	浅成低温热液型	新生代	北科迪勒拉成矿带	de Ronde et al., 2000; Sander et al., 1990; E.A. Elevatorski et al., 1986
马里斯维尔, Marysville	美国	37.12	-121.8	1505	-	第四系冲积层	砂岩型	新生代	北科迪勒拉成矿带	Barrell,1907;Hancock et al., 1992;Wenrich et al., 1985
奥玉陶勒盖 , Oyu Tolgoi	蒙古	43.02	106.85	319	0.24	志留纪—泥盆纪火山岩	斑岩型	晚志留纪—泥盆纪	乌拉尔—蒙古成矿带	Perellóet al., 2001; Khashgerel et al., 2006;刘益康等, 2003;聂凤军等, 2010
托拉古纳斯, Lagunas Norte	秘鲁	-7.95	-78.24	103	1.66	古近系安山质火山岩	浅成低温热液型	新生代	安第斯成矿带	Cerpa et al., 2013; Montgomery,2012

矿床名称	国家	纬度°	经度°	资源储量/t*	品位/10⁻⁶*	围岩	亚类型	时代	成矿带	文献
亚纳科查, Yanacocha	秘鲁	-6.99	-78.53	355	0.48	古近系安山质火山岩	浅成低温热液型	新生代	安第斯成矿带	Longo et al., 2010;Goldie et al., 2002;刘亮生等, 1994
加利诺, Galeno	秘鲁	-6.97	-78.32	131	0.14	古近系安山质火山岩	斑岩型	新生代	安第斯成矿带	Davies et al., 2005; Marinov,2011
皮里纳, Pierina	秘鲁	-9.45	-77.59	224	0.37	古近系安山质火山岩	浅成低温热液型	新生代	安第斯成矿带	Rainbow et al., 2005; Fifarek et al., 2005;于又华等, 2000
夸霍内, Cuajone	秘鲁	-17.04	-70.71	1234	0.47	古近—新近纪石英二长斑岩	斑岩型	第四纪	安第斯成矿带	夏斌, 2002;瞿泓滢等, 2012;Adam T. Simmons, 2013
艾尔阿尔克, El Arco	墨西哥	28.04	-113.4	120	0.20	侏罗纪花岗闪长斑岩	斑岩型	侏罗纪	北科迪勒拉成矿带	V.A. Valencia,2006
梅塔特斯, metates	墨西哥	24.91	-106.37	429	0.49	古近系流纹质火山岩白垩纪细晶闪长岩	浅成低温热液型	新生代	北科迪勒拉成矿带	Greenhoot,2000
帕楚卡, Pachuca	墨西哥	20.06	-98.44	400	0.51	古近系流纹质火山岩白垩纪细晶闪长岩	浅成低温热液型	新生代	北科迪勒拉成矿带	Camprubíet al., 2007
维特瓦特斯兰德, Witwatersrand	南非	-26.7	28	58000	-	中—新太古代石英砾岩炭质砂岩及石英岩页岩	砂岩型	太古代	非洲—阿拉伯成矿区	Utter,1980;Minter et al., 1988;汤葵联, 1991
菱刈, Hishikari	日本	32.01	130.69	326	45.50	白垩纪—古近纪页岩、砂岩,新近纪—第四纪安山岩	浅成低温热液型	第四纪	东亚成矿带	毛景文, 2012;Tohma, 2010;Izawa,1990;施俊法, 2010
布利杨胡鲁, Bulyanhulu	坦桑尼亚	-3.22	32.49	326	7.65	太古代火山岩花岗岩类	造山型	元古代	乌本迪造山带	Theriault et al., 2003;Simms et al., 2007;徐年生, 2001
康普尔, Copler	土耳其	39.43	38.53	302	1.54	侵入二叠纪—白垩纪变质碎屑岩和碳酸盐岩序列的石英闪长斑岩体	斑岩型	古近纪	西亚成矿带	İmer et al., 2013; Yigit, 2006
凯斯拉德, Kisladag	土耳其	38.48	29.15	206	0.52	晚白垩纪花岗岩类	斑岩型	中生代		Bozkaya et al., 2014;Yigit et al., 2009;
道格兹套, Daugiztau	乌兹别克斯旦	41.24	64.21	261	-	奥陶—志留系炭质粉砂岩砂岩千枚状片岩	黑色岩系型	古生代	乌拉尔—蒙古成矿带	Usmanovich et al., 2015;赵仁夫等, 2002
可克巴塔斯, Kokpatas	乌兹别克斯旦	41.17	65.5	620	4.50	奥陶—志留系炭质粉砂岩砂岩千枚状片岩	黑色岩系型	古生代	乌拉尔—蒙古成矿带	Wang et al., 1997;Xie et al., 1999;

矿床名称	国家	纬度 *	经度 *	资源储量 /t *	品位 /10⁻⁶*	围岩	亚类型	时代	成矿带	文献
卡尔马克尔, Kalmakyr	乌兹别克斯旦	41.05	69.62	2000	-	石炭—二叠纪花岗闪长斑岩	斑岩型	古生代	乌拉尔—蒙古成矿带	Pašava et al., 2010;Blissett et al., 2014;薛春纪等, 2016
阿尔马雷克, Almalyk	乌兹别克斯旦	40.82	69.65	2250	0.37	石炭—二叠纪石英二长斑岩（C2−P1）	浅成低温热液型	石炭纪	乌拉尔—蒙古成矿带	薛春纪等 , 2013
扎尔米坦, Zarmitan	乌兹别克斯旦	40.33	66.73	240	9.80	奥陶—志留系炭质粉砂岩砂岩千枚状片岩	黑色岩系型	古生代	乌拉尔—蒙古成矿带	Abzalov,2007;Zhao et al., 2014;赵仁夫等, 2002
穆龙套, Muruntau Open Pit	乌兹别克斯坦	41.5	64.58	1500	2.50	下古生界别索潘组含碳质黑色岩系（C-O）	黑色岩系型	二叠纪	乌拉尔—蒙古成矿带	Kempe et al., 2015; Drew et al.,1998;孟广路等 , 2013
科齐布拉克, Koch Burak	乌兹别克斯坦	41.23	70.03	160	10.12	火山颈中上石炭统安山—英安岩相的中酸性火山岩	造山型	-	乌拉尔—蒙古成矿带	刘春涌 , 2004
萨拉威, Salave	西班牙	43.57	-6.91	125	4.30	石炭系火山-沉积岩	VMS 型	古生代	地中海成矿带	Martín-Izard et al. 2009; Gumiel et al., 2008;
里奥廷托, Rio Tinto	西班牙	37.7	-6.7	850	-	石炭系火山-沉积岩	VMS 型	古生代	地中海成矿带	Pomies et al., 1998; Williams et al., 1977;李延祥, 2000
斯库里斯, Skouries	希腊	40.47	23.7	284	0.48	古近系角闪岩云母片岩	斑岩型	古近纪	塞尔维亚马其顿构造带	Frei,1995;Eliopoulos et al., 1991;张雪旎等, 2014
豪拉基, Hauraki	新西兰	-36.55	174.57	1362	-	中新世和上新世流纹英安岩、安山岩	浅成低温热液型	新生代	伊里安—新西兰成矿带	Christie et al., 2007; Simpson et al., 2011; Robi 等, 1990
萨里古纳里, Sari Gunay	伊朗	35.18	48.09	300	2.00	上部火山角砾杂岩体,下部是粗面-英安质斑岩体	浅成低温热液型	新近纪	西亚成矿带	Richards et al., 2006
萨尔切什梅, SarCheshmeh	伊朗	29.95	55.86	-	0.27	在中新世埃达克质中 —高钾花岗闪长斑岩	斑岩型	新近纪	西亚成矿带	张洪瑞等 , 2013
科拉尔, Kolar	印度	13.17	78.17	900	-	中新太古界角闪岩角闪片麻岩	造山型	太古代	印度成矿区	Safonov et al., 1984; Mishra et al., 1999;刘春涌, 2005;李尚林等, 2014
巴都希贾乌, Batu Hijau	印度尼西亚	-8.97	116.87	296	0.29	英云闪长岩质侵入杂岩及闪长岩和变火山岩	斑岩型	新近纪	伊里安—新西兰成矿带	Imai and Ohno, 2008; Meldrum et al., 1994

矿床名称	国家	纬度*	经度*	资源储量/t*	品位/10^{-6}*	围岩	亚类型	时代	成矿带	文献
格拉斯贝格, Grasberg	印度尼西亚	-4.06	137.11	3416	0.68	古近—新近纪斑状石英闪长岩、英安岩、灰岩	斑岩型	新近纪	伊里安—新西兰成矿带	Pollard et al., 2006;张伟波等 , 2013
洛斯佩拉姆布雷斯 Los Pelambres	智利	-31.72	-70.49	342	0.06	古近系安山质火山岩	斑岩型	新生代	安第斯成矿带	Reich et al., 2003;Sillitoe,1973;张立生, 2002
帕斯卡拉玛, Pascua Lama	智利	-29.32	-70.02	710	1.42	古近系安山质火山岩	浅成低温热液型	新生代	安第斯成矿带	Deyell et al., 2005; Arenson et al., 2014;
塞罗卡塞尔, Cerro Casale	智利	-27.79	-69.3	1014	0.51	古近系安山质火山岩	斑岩型	新生代	安第斯成矿带	Palacios et al., 2001
坎佩切, Caspiche	智利	-27.68	-69.3	780	0.49	古近系安山质火山岩	斑岩型	新生代	安第斯成矿带	Sillitoe et al., 2013; Sanematsu,2000
马里昆加, Maricunga	智利	-27.55	-69.3	209	0.70	古近系安山质火山岩	浅成低温热液型	新生代	安第斯成矿带	Vila et al., 1991;Muntean et al., 2000;李怀先, 1988
坎德拉利亚, Candelaria	智利	-27.52	-70.29	113	0.13	古近系安山质火山岩	IOCG型	新生代	安第斯成矿带	Ryan,1996;Ryan et al., 1994;方维萱等, 2012
隆伯马尔特, Lobo-Marte	智利	-27.23	-69.03	220	1.18	古近系安山质火山岩	浅成低温热液型	新生代	安第斯成矿带	Rosenbaum et al., 2005; Davidson et al., 1991;缪卫东, 1993
埃尔佩尼翁, El Penon	智利	-24.41	-69.5	128	6.17	古近系安山质火山岩	浅成低温热液型	新生代	安第斯成矿带	Warren et al., 2008;Warren et al., 2005;高乾兰, 1991
塞拉戈达, Sierra Gorda	智利	-22.85	-69.34	102	0.06	古近系安山质火山岩	斑岩型	新生代	安第斯成矿带	Shaver,2009;Shaver, 2009
拉科伊帕, La Coipa	智利	-26.83	-69.26	992	-	三叠纪黑色页岩、砂岩,晚渐新世到早中新世凝灰岩、凝灰角砾岩	浅成低温热液型	新生代	安第斯成矿带	Thomas Bissig,2014; Oviedo et al. 1991
埃尔印迪奥, El Indio	智利	-29.77	-69.98	140	10.90	新近纪安山岩、流纹岩英安岩、花岗斑岩	斑岩型	新生代	安第斯成矿带	Jannas et al., 1990;Jannas et al., 1999;佐藤兴平等, 1984
埃尔特尼恩特, El Teniente	智利	-34.08	-70.38	437	0.04	古近—新近纪安山玢岩、辉长岩、闪长玢岩和黑云母角砾岩	斑岩型	新生代	安第斯成矿带	瞿泓滢等, 2015;毛景文等, 2012

注:* 坐标数据相当于比例尺1:1:2500万地质图读取精度;*资源储量品位本身都是动态数据,来自文献或者书籍记载仅供估算矿山规模大小。

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