Large unexploited metal and phosphorus deposits in Nordic countries (end-2022)

Name	Country	Lat. N	Long. E	Metallogenic area	Resources Mt	Reserves Mt	Total Mt	Resource reporting standard	Ag g/t	Au g/t	Be %	Co %	Cr %	Cu %	Fe %	Ga %	Hf %	Li %	Mo %	Nb g/t	Ni %	P %	Pb %	Pd g/t	Pt g/t	REE %	Ta g/t	Ti %	U %	V %	W %	Y %	Zn %	Zr %	Genetic type	Main metal	Comments
Sokli	Finland	67,800	29,310	Kovdor-Lovozero	12000		12 000	Historic														1,75													Carbonatite associated	P	REE content possibly high
Ilimausaq, Kringlerne	Greenland	60,866	-45,842	Gardar Province	4300		4 300	JORC 2004									0,0025			1258						0,559	205						1,407	1,3	Peralkaline rock-associated	Ta, REE	
Myrviken	Sweden	62,973	14,406	Caledonian Black Shale U, V, Mo	3 062		3 062	NI43-101						0,012							0,034								0,015				0,042		Black shale hosted U	U	
Hägglan	Sweden	63,038	14,294	Caledonian Black Shale U, V, Mo	2 005		2 005	JORC											0,021		0,034								0,013	0,169			0,046		Black shale hosted U	V	
Teksevatn	Norway	58,553	6,245	Rogaland Ti, Fe, V	1550		1 550	JORC							5,35							0,76						2,97		0,039					Mafic intrusion-hosted Ti-FeεV	Ti	
Skaergaard Ga	Greenland	68,182	-31,669	East Greenland Tertiary Igneous Province	1520		1 520	NI 43-101								0,01																			Layered mafic igneous complex	Ga	
Isua	Greenland	65,212	-49,749	Isua Greenstone Belt	1107		1 107	JORC 2012							32,3																				Stratiform iron	Fe	
Laver-nya	Sweden	65,763	20,249	Radnejaur-Moskosel	961		961	PERC	3,908	0,133				0,228					0,004																Porphyry Cu-Au	Cu	
Helleland (Storeknuten)	Norway	58,532	6,140	Rogaland Ti, Fe, V	910		910	JORC							5,35							0,5						2,88		0,039					Mafic intrusion-hosted Ti-FeεV	Ti	
Rakvere	Estonia	59,310	26,514	Lower Paleozoic sedimentary	735	710,1	735	Estonian standard														16,55				0,12			0,0774						Sedimentary	U	
Ilimausaq, Kvanefjeld RE	Greenland	60,973	-45,999	Gardar Province	673		673	JORC 2012																		0,86			0,021			0,066	0,227		Peralkaline rock-associated	REE	
Per Geijer REE	Sweden	67,872	20,259	Kiruna	585		585	PERC																		0,156									Apatite iron ore	REE	
Per Geijer	Sweden	67,872	20,259	Kiruna	585		585	PERC							50,52							2,41													Apatite iron ore	Fe	
Skaergaard PGE	Greenland	68,182	-31,669	East Greenland Tertiary Igneous Province	364,37		364,37	NI 43-101		0,59														1,46	0,11										Layered mafic igneous complex	PGE	
Motzfeldt	Greenland	61,195	-44,949	Gardar Province	340		340	JORC 2012												1300						0,22	100							0,34	Peralkaline rock-associated	Nb	
Malmbjerg	Greenland	71,954	-24,271	East Greenland Tertiary Igneous Province	315		315	NI 43-101											0,103																Porphyry Mo	Mo	
Lauvmeset	Norway	58,547	6,298	Rogaland Ti, Fe, V	313		313								5,13							1,75						3,54		0,044					Mafic intrusion-hosted Ti-FeεV	Ti	
Rönnbäcken	Sweden	65,511	15,392	None	280		280	NI43-101				0,003									0,1														Magmatic Ni-Cu-PGE	Ni	
Sundsberget	Sweden	65,538	15,416	None	280		280	NI43-101				0,003									0,09														Magmatic Ni-Cu-PGE	Ni	
Ilimausaq, Sørensen	Greenland	60,971	-45,871	Gardar Province	242		242	JORC 2012																		0,87			0,035						Peralkaline rock-associated	REE	
Nordli	Norway	60,481	11,021	Oslo Mo	210		210												0,09																Porphyry Mo	Mo	
Ahmavaara	Finland	66,101	26,039	Portimo PGE, Cr, Ni	187,77		187,77	NI 43-101		0,1		0,007		0,175							0,069			0,825	0,17										Magmatic Ni-Cu-PGE	PGE	
Engebøfjellet	Norway	61,492	5,434	Sunnfjord Ti, Fe	154		154	JORC																				2,6							Mafic intrusion-hosted Ti-FeεV	Ti	
Malmbjerg	Greenland	71,954	-24,271	East Greenland Tertiary Igneous Province	150		150	Historic											0,14												0,016				Magmatic hydrothermal	Mo	
Hotinvaara	Finland	68,091	24,407	Karasjok-Laksely Ni, Cu, PGE	133,6		133,6	JORC				0,0095		0,007							0,21														Magmatic Ni-Cu-PGE	Ni	
Ilimausaq, Kvanefjeld Li	Greenland	60,973	-45,999	Gardar Province	124		124	Historic										0,19																	Peralkaline rock-associated	Li	
Hörby	Sweden	55,828	13,621	None	116,8		116,8	JORC																						0,219					Black shale hosted U	U	
Norra Kärr	Sweden	58,103	14,568	None	110		110	NI43-101												350						0,43								1,26	Peralkaline rock-associated	REE	
Skaergaard Ti	Greenland	68,182	-31,669	East Greenland Tertiary Igneous Province	104		104	Historic																				4,68		0,118					Mafic intrusion-hosted Ti-FeεV	Ti	
Ilimausaq, Zone 3	Greenland	60,941	-45,918	Gardar Province	95		95	JORC 2012																		0,95			0,03						Peralkaline rock-associated	REE	
Citronen Fjord	Greenland	83,092	-28,306	Franklinian Basin	84,7		84,7	JORC 2012															0,47										4,72		SEDEX	Zn	
Fen	Norway	59,275	9,306	None	84		84																			1,08									Carbonatite associated	REE	
Konttiärvi	Finland	66,120	25,985	Portimo PGE, Cr, Ni	75,24		75,24	NI 43-101		0,073		0,004		0,097							0,046			0,953	0,271										Magmatic Ni-Cu-PGE	PGE	
Nussir	Norway	70,461	24,200	Alta-Repparfjord Cu, Au	73		73	JORC	18,4	0,13				1,17										0,024	0,033										Stratabound clastic-hosted Cu	Cu	
Isortoq	Greenland	60,963	-47,439	Gardar Province	70,3		70,3	NI 43-101							29,6													6,5		0,08					Mafic intrusion-hosted Ti-FeεV	Ti	
Koitelainen UC	Finland	67,827	27,316	Koitelainen Cr, V, PGE	70		70	Historic					14,4											1,1						0,4					Mafic to ultramafic hosted Cr	Cr	
Ikkari	Finland	67,583	25,914	Kittilä Au, Cu	61,2		61,2	NI 43-101		2,32																									Orogenic gold	Au	
Siika-Kämä	Finland	66,221	26,483	Portimo PGE, Cr, Ni	49,4		49,4	JORC		0,07				0,1							0,08			2,45	0,67										Magmatic Ni-Cu-PGE	PGE	
Sakatti	Finland	67,547	26,757	Sattasvaara Ni	44,4		44,4	JORC		0,33		0,046		1,9							0,96			0,49	0,64										Magmatic Ni-Cu-PGE	Ni	
Rapasaaret	Finland	63,653	23,839	Emmes Li	9,642		9,642	JORC			0,018							0,46		56							40								LCT pegmatite	Li	Be, Nb, Ta grades based on a historic res

Included are deposits where the total resource, *in situ*, has a nominal value exceeding that of 600,000 t of Cu equivalent. This nominal value, not shown in the table, is calculated by using the average annual metal prices of 2013-2022