

Potentially large metal and phosphorus deposits in Nordic countries (end-2022)

Name	Country	Lat. N	Long. E	Metallogenic area	Resources Mt	Reserves Mt	Mined Mt	Total Mt	Resource reporting standard	Au g/t	Co %	Cr %	Cu %	Fe %	Mn %	Mo %	Nb g/t	Ni %	P %	Pd g/t	Pt g/t	Sc %	Ta g/t	Ti %	U %	V %	Y %	Zn %	Zr %	Genetic_type	Main metal	
Ranstad	Sweden	58,310	13,732	Billingen U, V, Mo	8 200			8 200	historic																0,021					Black shale hosted U	U	
Soki Nb	Finland	67,801	29,309	Kovdor-Lovozero REE, Nb, Ta, Zr, Ti, F	250	0,056		250	Historic					17,48			2100							50	0,01			0,13	Carbonatite associated	Nb		
Akkavare	Sweden	67,228	19,764	Kiruna Fe, Cu, Au	230			230	historic					18,5										2,7						Mafic intrusion-hosted Ti-Fe±V	Ti	
Perämaa	Finland	62,133	22,380	Peräkorpi Ti	200			200	Historic											1,18				3,2						Mafic intrusion-hosted Ti-Fe±V	Ti	
Täsjö	Sweden	64,455	15,639	Caledonian Black Shale U, V, Mo	200			200	historic																0,02					Black shale hosted U	U	
Smålands Taberg	Sweden	57,679	14,080	Taberg Fe, Ti, V	150	1,536		151,54	historic					28,03	0,336					0,05				3		0,12				Mafic intrusion-hosted Ti-Fe±V	V	
Akanvaara LC	Finland	67,196	28,198	none	27			27	Historic					15,7							0,08	0,52								Mafic to ultramafic hosted Cr	Cr	
Akanvaara UC	Finland	67,176	28,197	none	18,1			18,1	Historic					15,6							0,92			1,3		0,4				Mafic to ultramafic hosted Cr	Cr	
Soidinvaara	Finland	65,685	27,758	Koillismaa PGE, V, Ni, Fe, Cu	15			15	Historic					15										1,2		0,17				Mafic intrusion-hosted Ti-Fe±V	V	
Kiviniemi	Finland	62,815	26,707		13,4			13,4	Historic														0,016				0,008	0,17		Mafic intrusion hosted magmatic	Sc	
Akanvaara ULC	Finland	67,189	28,198	none	10			10	Historic					15,3																Mafic to ultramafic hosted Cr	Cr	
Kotielainen LC	Finland	67,798	27,105	Kotielainen Cr, V, PGE	2			2	Historic					15,7																Mafic to ultramafic hosted Cr	Cr	
Brattbakken	Norway	63,939	12,339	Kvikne-Singsås Cu-Zn, Ni-Cu	0,3			0,3	Historic					0,086		0,38															Magmatic Ni-Cu-PGE	Ni
Grinder	Norway	60,389	12,048	None	*			*						0,5																	Orogenic gold	Au
Ra'itevarri	Norway	69,271	24,937	Karasjok Au, Cu	*			*																							Porphyry Cu-Au	Au
Gallujavri	Norway	69,639	25,383	Karasjok-Lakselv Ni,Cu,PGE	*			*						0,01		0,2															Magmatic Ni-Cu-PGE	PGE

Included are deposits where the total *in situ* value may exceed that of 600,000 t of Cu equivalent, but whose size is not well defined. This nominal value, not shown in the table, is calculated by using the average annual metal prices of 2009-2018

\* No resource published, but the available indirect information suggests a large deposit