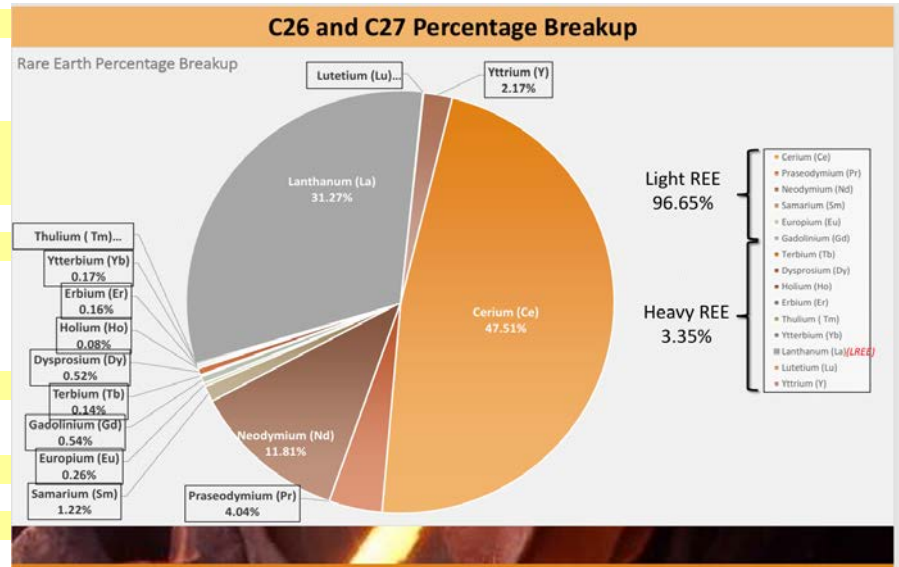


USGS - Geological Survey 2022 Final List of Critical Minerals AGENCY: U.S. Geological Survey, Department of the Interior

Mineral Tsodilo Y

1	Aluminum	
2	Antimony	
3	Arsenic	
4	Barite	
5	Beryllium	
6	Bismuth	
7	Cerium	Y
8	Cesium	
9	Chromium	
10	Cobalt	
11	Dysprosium	Y
12	Erbium	Y
13	Europium	Y
14	Flourspar	
15	Gadolinium	Y
16	Gallium	
17	Germanium	
18	Graphite	
19	Hafnium	
20	Holmium	Y
21	Indium	
22	Iridium	
23	Lanthanum	Y
24	Lithium	
25	Lutetium	Y
26	Magnesium	
27	Manganese	
28	Neodymium	Y
29	Nickel	
30	Niobium	
31	Palladium	
32	Platinum	
33	Praseodymium	Y
34	Rhodium	
35	Rubidium	
36	Ruthenium	
37	Samarium	Y
38	Scandium	
39	Tantalum	
40	Tellurium	
41	Terbium	Y
42	Thulium	Y
43	Tin	
44	Titanium	
45	Tungsten	
46	Vanadium	
47	Ytterbium	Y
48	Yttrium	Y
49	Zinc	
50	Zirconium	



C26 & C27 REE Project and Lofdal (Namibia) Project comparison

	REE Oxide	REE Names	Lofdal Namibia (ppm)	C26 & C27 conceptual target (ppm)
Light	CeO ₂	Cerium (Ce)	395.75	1,253.59
Rare Earth Elements (LREE)	La ₂ O ₃	Lanthanum (La)	237.25	825.24
	Pr ₂ O ₃	Praseodymium (Pr)	41.25	106.55
	Nd ₂ O ₃	Neodymium (Nd)	158.50	311.65
	Sm ₂ O ₃	Samarium (Sm)	57.75	32.14
	Eu ₂ O ₃	Europium (Eu)	21.00	6.71
	Gd ₂ O ₃	Gadolinium (Gd)	75.00	14.23
Heavy	Tb ₂ O ₃	Terbium (Tb)	14.50	3.51
Rare Earth Elements (HREE)	Dy ₂ O ₃	Dysprosium (Dy)	89.50	13.59
	Ho ₂ O ₃	Holmium (Ho)	17.75	2.21
	Er ₂ O ₃	Erbium (Er)	51.50	4.32
	Tm ₂ O ₃	Thulium (Tm)	7.50	1.34
	Yb ₂ O ₃	Ytterbium (Yb)	47.00	4.59
	Lu ₂ O ₃	Lutetium (Lu)	7.00	1.57
	Y ₂ O ₃	Yttrium (Y)	571.50	57.19

- **C26 and C27 REE minerals:** bastnaesite, allanite, monazite, xenotime, ancylite, alcioancylite, britholite, yttrialite, and rhabdophane.
- **Lofdal Project minerals:** bastnaesite, allanite, monazite, xenotime, apatite, thorite, aeschynite, parisite, and synchysite.

Namibia Critical Minerals: On January 27, 2020, the Company announced that it had signed an agreement with Japan Oil, Gas and Metals National Corporation ("JOGMEC") to jointly explore, develop, exploit, refine and/or distribute mineral products from Lofdal. The agreement provides JOGMEC with the right to earn a 50% interest in the project by funding \$20,000,000 USD in exploration and development expenditures.