

Diamond Drilling Confirms Sulista West as an Ultra High-Grade Project, Expanding a Major Rare Earth Exploration District

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SYDNEY, May 29, 2025 - [Brazilian Rare Earths Ltd.](#) (ASX: BRE / OTCQX: BRELY) ('BRE') is pleased to report exploration results at the Sulista Project area, located ~80 km southwest of the Monte Alto project.

Phase two exploration has successfully propelled the Sulista Project - confirming a discovery of an ultra-high grade REE-Nb-Sc-Ta-U deposit, discovery of a new district-scale mineralised corridor, and delivering a range of outstanding drill results across multiple priority targets.

Sulista West Deposit & Outcrop Ridge Discovery

- Diamond drilling has confirmed an ultra-high-grade "Monte Alto" style REE-Nb-Sc-Ta-U deposit at Sulista West
- Highlights from the Sulista West diamond drilling results include:

Drillhole	Interval	From (m)	TREO (%)	NdPr (ppm)	DyTb (ppm)	Nb ₂ O ₅ (ppm)	Sc ₂ O ₃ (ppm)	Ta ₂ O ₅ (ppm)	U ₃ O ₈ (ppm)
JITDD0006	20.4m	17.6m	11.8%	23,024	1,009	3,006	224	175	1,011
<i>Incl.</i>	4.2m	32.6m	18.9%	38,537	1,408	5,203	331	319	2,002
JITDD0011	12.0m	33.0m	12.5%	23,032	1,022	3,094	200	188	1,154
<i>Incl.</i>	4.2m	39.8m	17.0%	30,304	1,161	3,452	182	209	1,645
JITDD0004	5.5m	128.0m	10.7%	19,767	813	2,261	163	130	1,054
<i>Incl.</i>	1.0m	131.0m	17.0%	31,347	1,256	4,018	236	233	1,843
JITDD0002	4.7m	122.0m	6.1%	11,091	571	1,391	117	77	562
JITDD0012	3.5m	55.2	7.8%	14,111	738	1,418	136	89	612
JITDD0008	1.5m	86.0m	11.6%	22,029	1,001	2,566	195	148	1,098

- Diamond drill results returned the highest uranium and tantalum grades since exploration began in 2021 - with ultra-high grades of up to 8,211 ppm uranium oxide (U₃O₈) and up to 2,803 ppm tantalum oxide (Ta₂O₅)
- High-grade assays of up to 27,740 ppm (2.7%) niobium oxide (Nb₂O₅) and 378 ppm scandium oxide (Sc₂O₃)
- New "Outcrop Ridge" discovery with grab samples of up to 20.6% TREO across an exposed ridgeline located on strike 2.5 km southwest of the Sulista West deposit - highlighting extension potential across an extensive 3.5 km Sulista West strike

Sulista East

- Previous auger drilling intersected thick zones of shallow, high-grade monazite-sand mineralisation, including 10m at 6.1% TREO within 16.6m at 3.9% TREO, spatially associated with zones of ultra-high grade REE-Nb-Sc-Ta-U outcrop that returned previously reported sample values of up to 16.5% TREO
- 3,000m diamond core drilling program now underway to test continuity of mineralisation, and accelerated drilling for potential REE-Nb-Sc-Ta-U source rock

Sulista North

- New ultra-high grade boulder samples discovered at Sulista North on a mineralised parallel corridor less than 1.5 km to the northwest of Sulista West

- Assay sample grades of 21% TREO: including 37,390 ppm NdPr | 1,926 ppm DyTb | 6,588 ppm Nb₂O₅ | 177 ppm Sc₂O₃ | 403 ppm Ta₂O₅ | 2,831 ppm U₃O₈

Brazilian Rare Earths' CEO and Managing Director, Bernardo da Veiga, commented:

"Monte Alto proved that our *exploration pathfinder* model could uncover world-class, multi-critical mineral rare-earth systems. Sulista demonstrates this model's repeatability across our extensive 180 km province.

Our latest exploration results significantly reinforce our confidence that the Rocha da Rocha Province has the potential to host numerous Monte Alto-style ultra-high-grade rare earth deposits with major implications for strategic supply of heavy rare earths, niobium, tantalum, scandium, and uranium."

A link to the full announcement can be found here.

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