

# Minas Americas

## Shallow magnet rare earths in Brazil

Minas Gerais | Exploration stage | October 2026 update

Magnes Rare Earths, Verde's subsidiary, is advancing Minas Americas with selected from-surface drill profiles and a selective diagnostic leach response.[1]

| Selected RC profile                                   | Selected auger profile                              | Cumulative assay record                                                |
|-------------------------------------------------------|-----------------------------------------------------|------------------------------------------------------------------------|
| <b>30 m</b><br>1,853 ppm MREO<br>MAV_RC_0063   0–30 m | <b>8 m</b><br>2,194 ppm MREO<br>MAV_AD_0691   0–8 m | <b>879 holes</b><br>7,468.8 assayed metres<br>Cutoff 25 September 2026 |

October 2026 release.[1] Cumulative, not all new holes. MREO = Nd + Pr + Dy + Tb oxides. Selected length-weighted head grades, not recovered or project-average grades. Downhole lengths; true widths unknown.

### 1 The investment case

#### Permanent magnet demand

NdPr, Dy and Tb serve permanent magnets in EVs, wind power and automation. Magnets account for around 95% of global rare-earth consumption by value (IEA).[2]

#### Testing an ionic clay route

Salt leaching can release surface-bound rare earths in ionic clays. Minas Americas is testing this route; mineral-bound material and practical recovery need definition.[1,3]

#### Regional execution experience

Founder and CEO Cristiano Veloso built Verde's fertilizer operations in Minas Gerais, bringing regional execution experience.[4]

### 2 Evidence to watch

#### Selective diagnostic response

MREO share in five selected SGS diagnostic tests.[1]

| Original sample                       | Desorbed mix                              |
|---------------------------------------|-------------------------------------------|
| <b>22.2–26.3%</b><br>MREO / head TREO | <b>41.6–48.1%</b><br>MREO / desorbed DREO |

Composition, not extraction recovery. Historical intervals; 0.5 M ammonium sulphate, initial pH 4, 30 minutes (SGS ICM694). Not a project-wide estimate.[1]

#### Next milestone SGS bench results

SGS has performed initial tests on seven samples from four auger holes, plus a repeat. Watch for element response, mass balance, repeatability and impurities across leaching, filtration and washing.[1]

### Explore the investment case [magnesarareearth.com/investors](https://magnesarareearth.com/investors)

Investor access: TSX NPK and OTCQX VNPKE are Verde shares, not standalone Magnes exposure. No separately traded Magnes security is disclosed.[1,4]

#### Important information

Based on the Minas Americas October 2026 release. Source-release technical review does not constitute approval of this complete brief. These results do not establish resources, reserves, commercial recovery or economics. Product recovery, quality, impurities, reagents, water and costs need evaluation. Forward-looking work assumes representative data, funding, personnel, permits and approvals; geology, metallurgy, lab delays, financing, markets and regulation may change outcomes or timing. As of 4 October 2026; updating only as required by law. No offer or solicitation.

Sources [1] Verde AgriTech, Minas Americas results, 6 October 2026. [2] IEA 2026 [3] Borst 2020 [4] Verde 20 May 2026