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FULL ANALYSIS OF LUNAR AND TERRESTRIAL BASALT

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Moons

Full analysis of lunar and terrestrial basalt

| Component oxides | Deccan picrite | Lunar Mare 12002 |
|--------------------------------|----------------|------------------|
| SiO ₂ | 47.43 | 43.56 |
| Al ₂ O ₃ | 10.70 | 7.87 |
| CaO | 10.68 | 8.26 |
| FeO | 12.78 | 21.66 |
| MgO | 13.37 | 14.88 |
| Fe ₂ O ₃ | 1.78 | 2.6 |
| TiO ₂ | 1.28 | 0.23 |
| Na ₂ O | 1.35 | 0 |
| H ₂ O | 0.45 | 0.05 |
| K ₂ O | 0.16 | 0.11 |
| P ₂ O ₅ | 0.10 | 0.96 |
| MnO | 0.18 | 0.28 |
| Total | 100.26 | 100.46 |

Source: Ferropicrites: Geochemical evidence for Fe-rich streaks in upwelling mantle plumes, Gibson, S.A.a, Thompson, R.N.b, Dickin, A.P.c, *Earth and Planetary Science Letters*, Volume 174, Issues 3-4, 15 January 2000, Pages 355–374.

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