

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.

Willis J.P., Ahrens L.H., Danchin R.V., Erlank A.J., Gurney J.J., Hofmeyr P.K., McCarthy T.S. and Orren M.J. (1971), *Some inter-element relationships between lunar rocks and fines, and stony meteorites*. Proc. 2nd Lunar Sci. Conf. 1123–1138.