

Northwest Africa (NWA) 4936

Anorthositic regolith breccia

172 g



Figure 1: Field photo of NWA 4936 (photo courtesy of R. Korotev).

Introduction, petrography, mineralogy, and chemistry

Northwest Africa 4936 was found in 2007 in two pieces weighing 172 g. There is little information about this sample other than a bulk composition of anorthositic, and incompatible elements that are higher than other anorthositic lunar meteorites overlapping with Apollo 16 regolith.

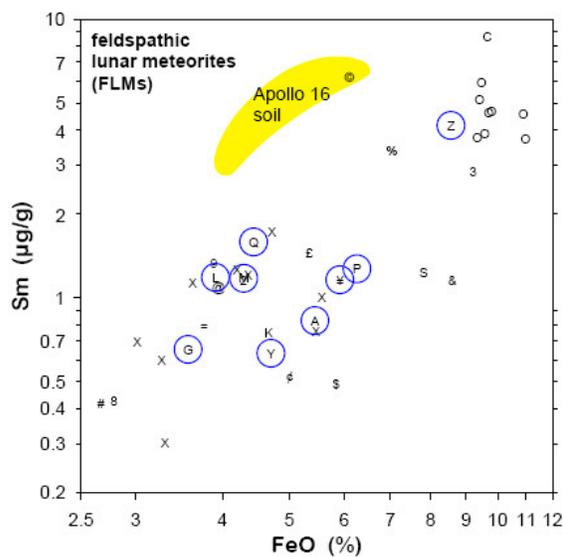


Figure 2: Comparison of Sm and FeO contents of NWA 4936 with that of other lunar meteorites and especially illustrating the overlap with Apollo 16 regolith (from Korotev et al., 2008). NWA is the symbol plotting within the yellow field.

Radiogenic age dating

None yet reported.

Cosmogenic isotopes and exposure ages

None yet reported.