

Extrait du Géologie et géo-tourisme

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Geological map of the Kaapvaal Craton for Google Earth

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Géologie et géo-tourisme

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[shp2kml](#) is a free program that allows to convert ArcView shapefiles in Google Earth layers (kml). Some examples and a longer description are available in two [previous articles](#) (in french) on this site.

Attached to this article is a geological map of the exposed portion of the Kaapvaal craton in North-Eastern south Africa, from Barberton to the Limpopo belt ; with some elements of its immediate cover (Transvaal, Karoo..).

The map is generated from the 1/1 000 000 geological map of SA by the [council for Geosciences](#). Accuracy is probably about 100-200 m.

shp2kml does not deal so well with "holey" polygons ; small objects included in a larger polygon will tend to be covered and hidden. In this layer it is especially noticeable with all the enclaves (Bandelierkop gneisses and other greenstone remnants) in the "Basement Gneiss complexes" ; you may have to turn off the basement to be able to see and query the enclaves.

Clicking on a polygon will reveal its attributes (name, stratigraphy, age). Name and stratigraphy are from the CGS, but I compiled and added the ages (mostly from the recent book on "[Geology of South Africa](#)").

You can also play with the slider (under the "paces" tab in GE) to adjust the transparency of the geological map and be able to see the topography below. Of course, you can turn on/off all other layers — I recommend you use the layer "[tracks4africa](#)", much more detailed and precise than the regular GE roads.

Also attached is a kml with the SA municipal boundaries.

(In french : Carte géologique du Craton du Kaapvaal pour Google Earth, générée avec [shp2kml](#) comme décrit dans des [articles précédents](#) de ce site...)

Post-scriptum : Update 13 Juillet : Corrected the attributes of a couple of polygons (Vorster suite South of Murchison belt) that were incorrect. The file now attached is the new version.