

THE BUKUSU COMPLEX

The Bukusu Complex near the towns of Mbale and Tororo in Uganda extends over about 50km² and consists principally of intrusive carbonatites and silicate rocks intruded in basement granites and pegmatites. The Complex comprises alkaline and ultrabasic rocks forming ring structures surrounding a vent agglomerate facies, while the ring structure of carbonatite completes the complex.

The Bukusu carbonatite has a diameter of 13km and is considered to be one of the largest carbonatites in the world. The Complex is surrounded by a broad zone of feldspathisation in which leucocratic granite, syenite and quartz-pegmatoid have been developed from alteration of the granodiorite country rocks.



Google Earth Image of the Bukusu Complex (Image Landsat/Copernicus, © 2016 Google)