

Sample locality map II: Sodalite mining area Swartbooisdrif, NW Namibia

Legend

- Tertiary to Quaternary**
- River floor deposits (alluvium, soil cover, scree)
 - Fluvial terrace deposits (carbonate cemented conglomerates)
 - Fluvial terrace deposits (unconsolidated quartzite pebbles)

- Age unknown**
- Dolerite
 - Trachyte (carbonate-rich)
 - Andesite

Swartbooisdrif carbonatites

- Proterozoic (1,140-1,120 Ma)**
- Carbonatitic breccia (Sodalite-rich)
 - Carbonatitic breccia (massive)
 - Carbonatitic breccia (layered)

Swartbooisdrif syenites

- Proterozoic (1,380-1,340 Ma)**
- Nepheline syenite
 - Fenitized syenite
 - Syenite and quartz-syenite (altered)

Kunene Intrusive Complex

- Proterozoic (1,385-1,347 Ma)**
- Ilmenite-magnetite ore
 - Anorthosite (brecciated)
 - Leucotroctolite (massive)
 - Leucogabbro and anorthosite (massive)
 - White anorthosite (pervasively altered)

Symbols

- Anorthositic rocks
 - Fenitized anorthosite
 - ☆ Syenite and quartz-syenite
 - Fenitized syenite
 - Fenitized nepheline syenite
 - △ Carbonatitic breccia and ferrocyanite veins
 - ▼ Andesite, dolerite, ilmenite-magnetite ore, trachyte
- (numbers refer to samples listed in Table A.1.1 in the Appendix A.1)

- SO Sodalite opencast
- Mining waste pile
- Talus deposits

- Geological border
- Fault
 - a) mapped
 - b) postulated
- Ephemeral river
- Subsidiary road
- Open strip for trial drillings

Topographic map:
South West Africa
1: 50,000 Sheet
1713BD Swartbooisdrif
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Scale
0 200 400 m

