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The geology of the lily syncline and portion of the eureka syncline between the consort mine and Joe's Lucic siding, Barberton mountain land.

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1963
https://hdl.handle.net/10539/24357

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FIG. 2.

GEOLOGICAL MAP OF THE CONSORT MINE - JOE'S LUCK AREA.

Compiled by M.J. Viljoen (1962). Immediate Consort area by J.J.vd.Berg, J.J. Schoeman & A.F. Lombaard (1942-1946).

1 : 10,000

1/4 1/2 miles

GEOLOGICAL LEGEND

- Recent alluvium – low sand & boulder terraces. Present flood channel of Kaap River.
- Ouklip banks
- Higher alluvial terraces – soil & scree cover
- Quartzite with impure felspathic varieties — Moodies System
- Basal conglomerate — Moodies System
- Lava – felspar porphyry – crystalline tuff — Fig-tree Series — Swaziland System
- Upper banded pyroxene marker — Fig-tree Series — Swaziland System
- Lower quartz-bleb marker — Fig-tree Series — Swaziland System
- Graywackes & shales – hornfelses — Fig-tree Series — Swaziland System
- Chert bands — Fig-tree Series — Swaziland System
- Silicified Consort "contact" or "Bar" — Fig-tree Series — Swaziland System
- Carbonate-bearing talc & chlorite schists — Onverwacht Series — Swaziland System
- Green amphibole schists – (tremolite-actinolite) — Onverwacht Series — Swaziland System
- Black & dark green contact amphibolites – Hornblende-plagioclase-Quartz schists — Onverwacht Series — Swaziland System
- Meta quartzite & or chert – (quartz-sericite schists ; shaly horizons). — Onverwacht Series — Swaziland System
- Green serpentinite — Jamestown — Swaziland System
- Blue serpentinite — Jamestown — Swaziland System
- Nelspruit granite – biotite gneiss & migmatite; intrusive granite, pegmatites & aplites
- Dykes – dolerite, diabase, amphibole & gabbro types
- Greenschist & or chert – mylonite
- qv Quartz veins

LEGEND

- Faults
- Rivers
- Streams & gullies
- National road
- Secondary roads & tracks
- Footpaths
- Railwayline
- Houses
- Huts
- Cultivated lands
- Quarries
- Dumps
- 1150X Spot heights
- bridges

SECTION AB