



LEGEND

- PALÆOZOIC**
- ORDOVICIAN ?
LOWER ORDOVICIAN OR EARLIER
 - 8 NEPEAN FORMATION: Sandstone
 - Vermiculite; red and/or green variety; 7a, in place; 7b, in soil
 - Vermiculite; light tan to silver white variety; 6a, in place; 6b, in soil
- PRECAMBRIAN**
- 5+ Phlogopite dykes
 - 4 Chiefly granitic and syenitic gneisses, but containing areas of massive syenite and granite and remnants of paragneiss (2). Cut by later pegmatite dykes
 - 3 Crystalline limestone; in part phlogopite speckled, and in part altered to and replaced by silicates, chiefly diopside and tremolite
 - 2 Meta-sedimentary rocks, chiefly garnetiferous biotite feldspar gneiss and garnetiferous hornblende feldspar gneiss
 - 1 Quartzite; containing numerous thin intercalated lenses of limestone

- Rock outcrop, area of outcrop
- Geological boundary (defined, approximate, assumed)
- Bedding (horizontal, inclined, vertical)
- Bedding (direction of dip known, upper side of bed unknown)
- Foliation (inclined, vertical, dip unknown)
- Diamond drill-hole
- Trench
- Open pit
- Dump

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Cartography by the Geological Survey of Canada, 1959

Figure 13. Stanleyville Vermiculite Area, Lanark County, Ontario

