

LEGEND

- QUATERNARY**
- RECENT**
- Salt marsh and tidal flat
  - Dykeland
  - Stream alluvium
  - Peat and muck
  - Weathered sandstone
- PLEISTOCENE**
- Ice-contact stratified drift
  - Kames, kame complex
  - Esker
  - Ice-dammed lake deposit
  - Outwash sand and gravel
  - Outwash plain
  - Outwash valley
  - Stream terraces on outwash
  - Outwash over estuarine silt and clay
  - Estuarine silt and clay
  - Till

- TRIASSIC**
- NORTH MOUNTAIN BASALT: basalt
  - BLOMIDON FORMATION: siltstone, arenaceous shale, minor sandstone and claystone
  - WOLFVILLE FORMATION: sandstone, conglomerate, siltstone and claystone
- MISSISSIPPIAN**
- HORTON GROUP**
- Grey and red shale, siltstone, sandstone and arkose
- DEVONIAN**
- SOUTHERN NOVA SCOTIA BATHOLITH: porphyritic granite
- LOWER PALEOZOIC**
- 1. TORBROOK FORMATION (LOWER DEVONIAN)  
NEW CANAAN FORMATION (UPPER SILURIAN)  
KENTVILLE FORMATION (UPPER SILURIAN)  
2. WHITE ROCK FORMATION (UPPER SILURIAN OR EARLIER)  
3. HALIFAX FORMATION (ORDOVICIAN)  
4. GOLDENVILLE FORMATION (ORDOVICIAN OR EARLIER)

- Bedrock boundary (approximate, assumed)
- Surficial deposit boundary (approximate)
- Outcrop in area of weathered sandstone or outcrop used to locate bedrock boundary
- Test hole location and number
- Test hole or well used to establish bedrock lithology
- Surficial deposit sieve sample
- Roads
- Trail
- County line
- Stream
- Lake
- Marsh or Swamp
- Building
- Dyke
- Railways
- Contour interval 25 feet (21H)
- 50' (21A)

Bedrock geology taken from maps by W. G. Smitheringale, 1960, D. G. Crosby, 1962, F. C. Taylor, 1962, L. J. Weeks, 1966, and from field work by P. C. Trescott, 1966.

Surficial geology mapped by P. C. Trescott, 1965 and 1966, with reference made to maps by L. C. Harlow and G. B. Whiteside, 1943, and C. F. Hicks, 1962.

Base maps compiled by the Cartographic Division, Nova Scotia Department of Mines from topographic maps on a scale of 1:50,000 of the National Topographic Series obtained from the Canada Department of Energy, Mines and Resources, Ottawa.

Map 1 (West Sheet)

BEDROCK AND SURFICIAL GEOLOGY  
of the  
ANNAPOLIS - CORNWALLIS VALLEY,  
NOVA SCOTIA

DEPARTMENT OF MINES, NOVA SCOTIA  
1967

