

GEOLOGICAL MAP MANOR PARK and nearby OTTAWA



Quaternary Period

Post -Champlain Sea Deposits

- Thin veneer of sediments on Paleozoic rocks
- 7 Organic muck and peat
- 6 River sand: 6a in terraces and channels, 6b recent deposits

Champlain Sea Deposits (approximate age 12,000 -10,000 years)

- 5 Marine clay and silt

Glacial Deposits (20,000? -12,000 years)

- 4 Compact sand and silt overlain by discontinuous sand, gravel and boulders

Paleozoic Era

Ordovician Period (495 - 445 million years)

- (3) Black shale (Billings Formation) in subsurface
- 2 Limestone with shale interbeds (Ottawa Group)
- 1 Shale with sandstone lenses (Rockcliffe Formation)

- Abandoned river channel with flow direction
- Escarpment
- Quarry
- 1-a Location referred to in notes

Map 1. Modified from Geological Survey of Canada maps:
A.E. Wilson, 1938. Map 413 A (out of print)
S.H. Richard, 1982. Map 1506 A. Surficial Geology, Ottawa