

LEGEND

**QUATERNARY**

11 Stable Island Sand and Gravel: 11a, sand with less than 50% gravel; 11b, gravel with less than 50% sand.

10 Lagoon Clay: 10a, silty clay; 10b, clayey silt; 10c, silty sandy clay and clayey sandy silt grading locally to silty clayey sand (more than 20% sand).

9 Sember Sand: 9a, mainly silty and clayey sand with less than 10% gravel; 9b, sand silt and clay of 9a, with more than 10% gravel.

8 Emerald silt: 8a, poorly sorted, clayey and sandy silt; 8b, silty of 8a, with gravel.

7 Scotian Shelf Drift: glacial till, may include some stratified drift.

**TERTIARY AND LATEST CRETACEOUS**

6 Bedrock: nearly well samples consist of grey siltstone and mudstone with thinner intervals of glauconitic sandstone (appears on cross-sections only).

**CRETACEOUS**

5 Bedrock: nearly draged samples on Scotian Shelf consist of sideritic quartz sandstone and atomaceous sideritic carbonates (appears on cross-sections only).

**PENNSYLVANIAN-JURASSIC**

4 Bedrock: undifferentiated sedimentary rocks.

**PENNSYLVANIAN**

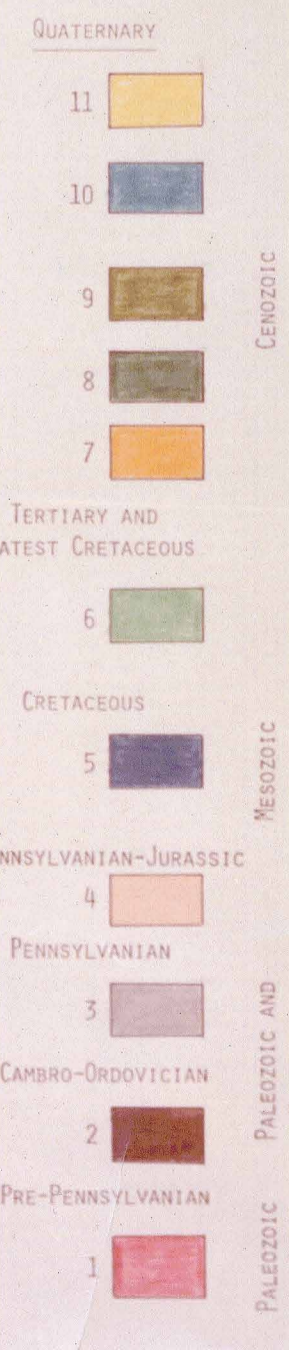
3 Bedrock: drill cores consist of conglomerate and sandstone, shale, coal, and minor limestone (appears on cross-sections only).

**CAMBRO-ORDOVICIAN**

2 Bedrock: drill cores consist of silty shales and micaceous sandstones (appears on cross-sections only).

**PRE-PENNSYLVANIAN**

1 Acoustic basement; includes Proterozoic to Devonian volcanic, sedimentary, high grade metamorphic and granitic rocks. Locally may include some younger sedimentary and volcanic rocks (appears on cross-sections only).



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