

**LEGEND**

Note: Map units represented by uncoloured blocks occur on west half only

<b>MESOZOIC</b>	<b>14</b>	<b>NORTH MOUNTAIN FORMATION:</b> basalt
	<b>13</b>	<b>ANNAPOLIS FORMATION:</b> shale, gtl, sandstone, conglomerate
<b>MISSISSIPPIAN</b>	<b>12</b>	<b>WINDSOR GROUP:</b> Gypsum, anhydrite, limestone, shale, minor salt
	<b>11</b>	<b>HORTON GROUP:</b> Shale, sandstone, arkose, conglomerate
<b>DEVONIAN AND/OR LATER</b>	<b>10</b>	10a, quartz diabase; 10b, olivine diabase; 10c, peridotite 10d, occurs on west half only
<b>DEVONIAN AND CARBONIFEROUS (?)</b>	<b>9</b>	Granite, gneiss, quartz monzonite, minor granophyre; pegmatite, porphyry, sulfate dykes; 9a, biotite chief mica; 9b, muscovite chief mica; 9c, inclusion of older rocks common; 9d, porphyritic
<b>DEVONIAN AND EARLIER</b>	<b>8</b>	Diorite, gabbro; 8a, gabbro; 8b, diorite; 8c, meta-diorite; 8d, 8e, 8f, occur on west half only
<b>DEVONIAN</b>	<b>7</b>	<b>FORBROOK FORMATION:</b> shale, siltstone, quartzite; minor shaly limestone and iron formation
<b>SILURIAN</b>	<b>6</b>	<b>NEW CANAAN FORMATION:</b> andesite, siltstone, slate
	<b>5</b>	Undivided White Rock and Kentville Formations
<b>ORDOVICIAN OR SILURIAN</b>	<b>4</b>	<b>KENTVILLE FORMATION:</b> shale, siltstone, silt
<b>ORDOVICIAN OR EARLIER</b>	<b>3</b>	<b>WHITE ROCK FORMATION:</b> quartzite, siltstone, rhyolite, basalt, andesite, hornblende-feldspar gneiss
<b>EARLY ORDOVICIAN OR LATE CAMBRIAN</b>	<b>2</b>	<b>HALIFAX FORMATION:</b> slate, siltstone, minor argillite; 2a, minor cordierite schist; 2b, minor andalusite schist
	<b>1</b>	<b>GOOSEVILLE FORMATION:</b> graywacke, minor argillite, shale, mica schist, ls, argillite; 1a, slate with rare arenaceous beds; 1b, slate common in graywacke; 1c, conglomerate; 1d, small granitic dykes; 1e, minor andalusite; 1f, minor cordierite; 1g, minor sillimanite (f) and (h) occur on west half only

Rock outcrop, probable outcrop (not always shown in areas previously mapped)

Geological boundary (defined, approximate, assumed)

Stratigraphic boundary (defined, approximate, assumed)

Shaded, top known (indicated, overestimated)

Shaded, base unknown (horizontal, inclined, vertical)

Subsidence, grassy (indicated, vertical, dip unknown)

Coverage (indicated, vertical)

Fault (defined, approximate, assumed)

Fault (indicated)

Mineralized bed

Axis, trace of axial surface, (defined, approximate)

Syncline, trace of axial surface, (defined, approximate)

Clinal surface (direction of line movement known, unknown)

Esker (direction known)

Fossil locality

Locality (geologic age determination in millions of years)

Quarry

Mineral occurrence

**MINERALS**

Fluorite	Fl	Manganese	Mn
Gold	Co	Molybdenite	Mo
Copper	Cu	Pegmatite	P
Iron	Fe	Radioactive minerals	R
Limestone	Ls	Stone (building)	B, st
Carbon	C	Tin	Ti
Magnetite	Mag	Tungsten	W
Zinc	Zn		

Geology by H. Fletcher, 1894, 1902; E. R. Fairbairn, 1901-1903, 1907-1911, 1936;  
W. J. Wright, 1912; P. Armstrong, 1935; J. T. Wilson, 1936; W. G. Smithers, 1958-1959; F. C. Taylor, 1960, 1961

Geological compilation by F. C. Taylor, 1964

To accompany GSC Memoir 358 by F. C. Taylor

Geological cartography by the Geological Survey of Canada

Road, all weather

Other roads

Cart track

Trail

Railway

Alps

Post Office

Lighthouse

Power transmission line

Horizontal control point

County boundary

Indian reserve boundary

Intermittent stream

Flooded land or intermittent lake

Rapids, falls

Foreshore flats

Head, rock or small island

Mudflat

Rocky ledge

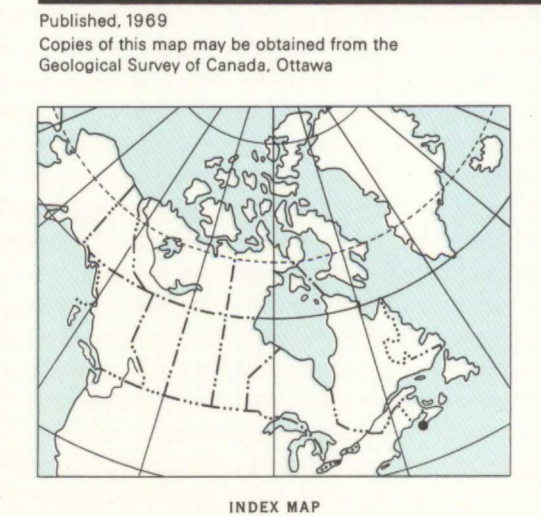
Dam

Contours (interval 100 feet)

Height in feet above mean sea-level

Base-map cartography by the Geological Survey of Canada, 1956 from maps published at the scale of 1:50,000 by the Surveys and Mapping Branch

Approximate magnetic declination 1968, 21°W West, decreasing 0.7' annually



MAP 1225A  
GEOLOGY  
ANNAPOLIS-ST. MARYS BAY AREA  
(East Half)  
NOVA SCOTIA  
Scale 1:126,720  
1 inch to 2 miles



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21°N	21°W	21°W
21°N	MAP 1225A	21°W
20°N	(EAST HALF)	20°N
20°N	20°W	20°W

NATIONAL TOPOGRAPHIC SYSTEM REFERENCE  
ANNAPOLIS-ST. MARYS BAY AREA  
(East Half)  
NOVA SCOTIA