



CANADA
DEPARTMENT
OF
MINES AND TECHNICAL SURVEYS
GEOLOGICAL SURVEY OF CANADA

MAP 1026A
**SOUTHEASTERN
CAPE BRETON ISLAND**
NOVA SCOTIA

Scale: One Inch to Two Miles = 1:251,200



LEGEND

PENNSYLVANIAN	17 Sandstone, shale, conglomerate; 17a, Riversdale group: siltstone, sandstone, shale; 17b, Morien group: sandstone, shale, conglomerate, coal
MISSISSIPPIAN (?)	16 Gabbro, diabasic gabbro
MISSISSIPPIAN	15 Windsor Group (14, 15) Marginal basin beds: conglomerate, limestone, sandstone, gypsum, shale; includes undifferentiated Grantmine formation; 15a, Grantmine formation: conglomerate, sandstone
	14 Central basin beds: limestone, siltstone, sandstone, shale, gypsum
HORTON GROUP	13 Conglomerate, sandstone, siltstone, shale
DEVONIAN	12 Diorite, quartz diorite, andesite; 12a, andesite, basalt, diabasic gabbro, gabbro
	11 Undivided granitic rocks; 11a, rhyolite; 11b, granitized sedimentary rocks; 11c, granite, with inclusions of George River group (1)
SILURIAN OR DEVONIAN (?)	10 Middle River Group Conglomerate, arkosic sandstone, quartzite
CAMBRIAN	9 Upper Cambrian MacNeil formation: shale; minor limestone
	5 Middle Cambrian Trout Brook and Maclean Brook formations: shale, siltstone
	4 Lower Cambrian MacCordium and Candie Brook formations: shale, claystone
	3 Morrison River formation: red sandstone, conglomerate; minor white quartzite and grey shale
	2 Fourchu Group Volcanic breccia, tuff, lavas; sandstone, shale; chlorite schist; 2a, sedimentary rocks, chlorite schist; possibly equivalent to 1
	1 George River Group Hornfelsic shale, paragneiss, crystalline limestone; minor greywacke and volcanic rocks
	7.8 Middle Cambrian MacMillan formation: quartzite, shale, conglomerate
	8 Kelvin Glen Group: siltstone, shale, sandstone, conglomeratic sandstone
	6A, 6B Bourinot Group 6A, Volcanic tuff, breccia; lavas; sandstone, shale; minor greywacke 6B, Greywacke, volcanic tuff, breccia; lavas

Bedding (horizontal, inclined, vertical, overturned)
Schistosity (inclined, vertical, dip unknown)
Fault (defined, approximate, assumed)
Anticlinal axis (approximate)
Synclinal axis (defined, approximate)
Mine, quarry (lead, zinc, rock, abandoned, gypsum)
 * PbZn, Coal, Gyp

Geology by L.J. Weeks, 1944-49; L.J. Weeks and H.L. Cameron, 1947; geology of Scatarie Island from Map 362A by E.A. Goranson, 1930, 1931; geology of North Mountain from Map 223A, by T.D. Guernsey, 1928

Main highway
 Road well travelled
 Road not well travelled
 Trail
 Post Office
 County boundary
 Triangulation station
 Lighthouse
 Marsh
 Sand, gravel
 Contours (interval 100 feet)

Cartography by the Geological Cartography Division, 1953

Approximate magnetic declination, 25° 43' West

Air photographs covering this map-area may be obtained through the National Air Photographic Library, Topographical Survey, Ottawa, Ontario