

LEGEND

CARBONIFEROUS PENNSYLVANIAN
 14 Red and reddish brown conglomerate, sandstone, shale
 13 Gray, green and brown sandstone, conglomerate, shale; quartz pebble conglomerate; minor pyritic sandstone, purple shale; coal; 13a, mainly brown and reddish-brown conglomerate, sandstone

MISSISSIPPAN AND/OR PENNSYLVANIAN
 12 Red to gray conglomerate, sandstone, siltstone, minor volcanic rocks; (mostly undifferentiated) 12a, SHIN RED BEDS

MISSISSIPPIAN
 II Red to gray sandstone, conglomerate, shale; IIa, KLEEF FORMATION
 10 SEELEY PORPHYRY: quartz latite porphyry, lithic and porphyritic ash-flow tuff; 10a, latite granophyre

9 CARROW FORMATION: red and green conglomerate, arkose, sub-graywacke; 9a, andesite; 9b, basalt; 9c, argillite breccia

8 ROTTHEA PORPHYRY: quartz latite porphyry, lithic and porphyritic ash-flow tuff; 8a, latite granophyre

7 SOUTH OROMOCTO BASALT: porphyritic and amygdaloidal basalt; 7a, associated red siltstone

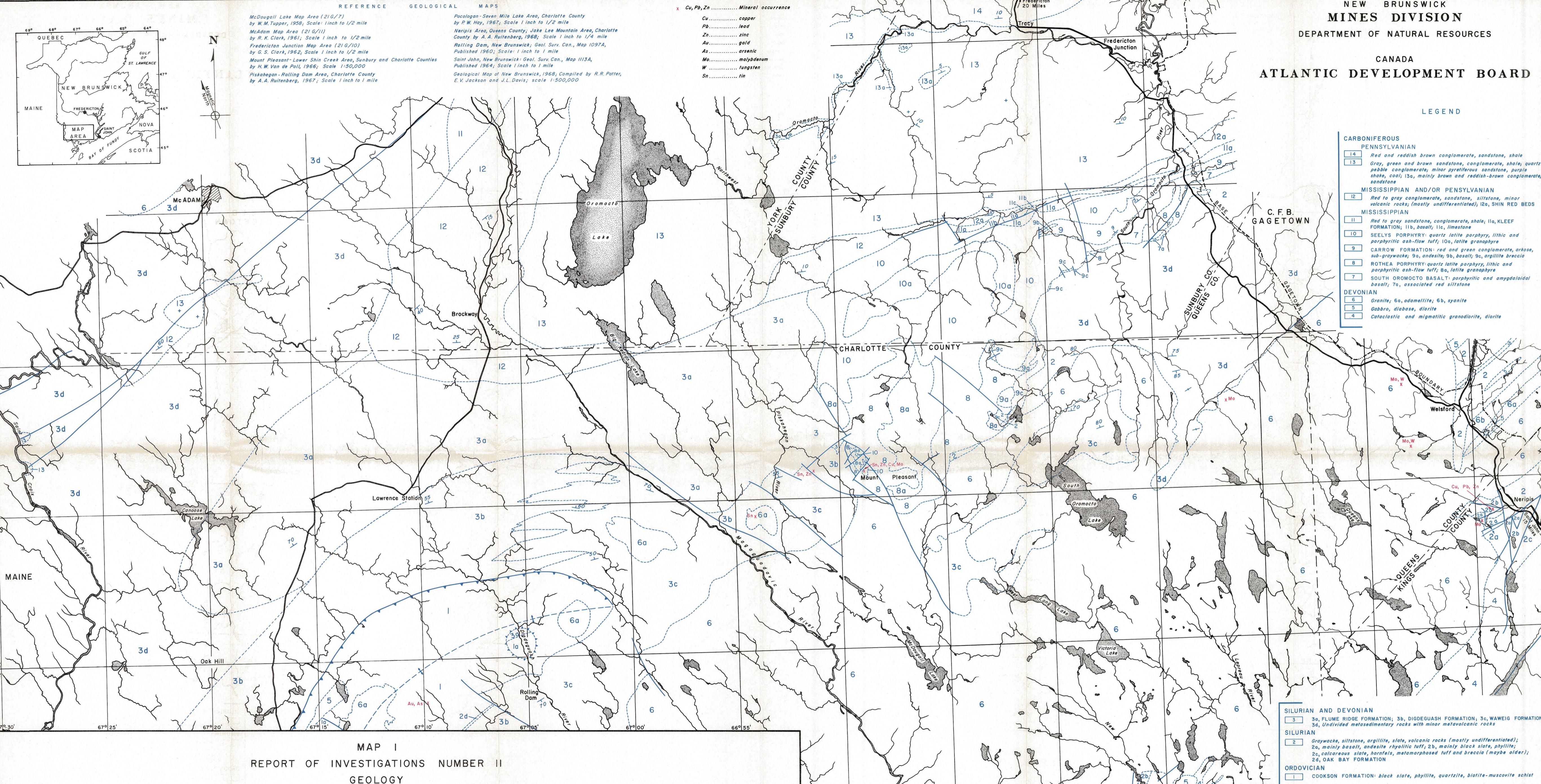
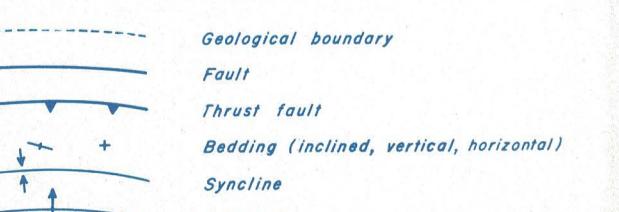
DEVONIAN
 6 Granite; 6a, adamellite; 6b, syenite
 5 Gabbro, diabase, diorite
 4 Catastrophic and migmatitic granodiorite, diorite

SILURIAN AND DEVONIAN
 3 3a, FLUME RIDGE FORMATION; 3b, DIGEDEGHASH FORMATION; 3c, WAWEIG FORMATION;
 3d, Undivided metasedimentary rocks with minor metavolcanic rocks

SILURIAN
 2 Graywacke, siltstone, argillite, slate, volcanic rocks (mostly undifferentiated);
 2a, mainly basalt, andesite rhyolitic tuff; 2b, mainly black slate, phyllite;
 2c, calcareous slate, hornfels, metamorphosed tuff and breccia (maybe older);
 2d, OAK BAY FORMATION

ORDOVICIAN
 1 COOKSON FORMATION: black slate, phyllite, quartzite, biotite-muscovite schist

SYMBOLS



MAP I
REPORT OF INVESTIGATIONS NUMBER II
GEOLOGY

SOUTHWESTERN NEW BRUNSWICK

1 Inch = 2.15 miles approximately

5 Miles
0 1 2 3 4 Kilometers
0 1 2 3 4 5 6