

ern Portion of the <b>igle, Maine</b>
Cartographic design by Christian H. Halsted
ne Maine Geological Survey.
<b>Open-File</b> No. 19-14 <b>2019</b>
This map supersedes a portion of the B-38 Bedrock Geology map.
grained diabase with ophitic texture, commonly with -grained homogeneous granite, with few visible mafic
rained felsite to fine-grained biotite granite, with few eries with blocks of ignimbrite and volcanic breccia r part of the Cranberry Island Volcanic Series.
oss are sparsely but widely distributed throughout the
Harbor Granite and early part of the Cadillac Granite lithic-rich rhyolitic ignimbrite interbedded with clast- broken, euhedral, pink potassium feldspar phenocrysts crystals (0.01 to 0.02 mm), secondary muscovite (10- undant lithic fragments as large as a few centimeters Dark gray, rounded to lobate basaltic enclaves a few t-free material 100 meters (m) or so along strike of the
to 10 mm), white, quartz- and feldspar-rich layers and ercalated with 0.1- to 3.0-m-wide layers of light gray ne). Some such layers have a bimodal alternation of
sive origin sated). sruption of stratigraphic sequence. notion
ateu).
<b>S</b> or tick indicates direction of dip, if known. Annotation oint; for joints, observation point is at end of strike line ments at a site are represented by combined symbols. t the Maine Geological Survey. The database contains
vk.
, vertical).
alysis have been conducted on the islands in the Swans aut East quadrangles) by David G. Bailey and several dated Swans Island bedrock map with this data as soon
ogic Age Absolute Age*   zoic Era (Cz) 0-66   ozoic Era (Mz) 66-145
urassic Period (J) 145-201   urassic Period (\bar{k}) 201-252   ozoic Era (Pz) 252-299
Carboniferous Period ( $C$ )299-359Devonian Period ( $D$ )359-419ilurian Period ( $S$ )419-444Ordovician Period ( $O$ )444-485Devolution Period ( $O$ )444-485
amorian Period $(\mathbf{c})$ 485-541umbrian time ( $\mathbf{pC}$ )Older than 541uillions of years before present. (Walker, J.D.,n, J.W., Bowring, S.A., and Babcock, L.E., compilers,
, doi: 10.1130/2012.CTS004R3C.)