

EXPLANATION TO ACCOMPANY INTERNATIONAL BOUNDARY MAPS

Maddren and Harrington

Gravel

Pleistocene and recent gravels

Rs

Upper Triassic - slates, shales, sandstones and limy shales

Penna. sh. -ss.

Pennsylvanian - limestones, slates, sandstones, and shaly lms.

Miss.-lms.

Mississippian - chiefly limestone, minor amounts of shale and sandstone, chert and quartzite - South of Firth may also include Pennsylvanian

Miss.-sh.

Mississippian - phytiferous slates and shales

Dev.?

Cherts, cherty lms. and black lms. frequently finely veined dark-blue lms.

Ord-Sil?

Ordovician-Silurian - black flaggy lms. - gray phyllite

M.C.?

Middle Cambrian - limestone, massive and thin beds with some shaly beds - some qtzites and phyllites

L.C.?

Lower Cambrian - qtzites mostly with lesser amounts of lms. and shales. Purple and green slates, massive in places

Igneous Rocks

preC

Schists and phyllites

Granite

Mesozoic? Gneissic granite

Lavas

Upper Carboniferous? Tuffs, agglomerates and flows vari-colored lavas - basalt dikes N. of X River

Basalt

Possible equivalent of Carboniferous(?) volcanics along the crest of British Mtns., or may be equivalent in part to Precambrian greenstones, phyllites

—————
Geologic contacts

X 8

Dip and strike

Faults

Faults showing movement

All geologic cross sections along 141st meridian

This explanation has not been edited or reviewed for conformity with U. S. Geological Survey standards and nomenclature.

PROPERTY OF DGGS LIBRARY