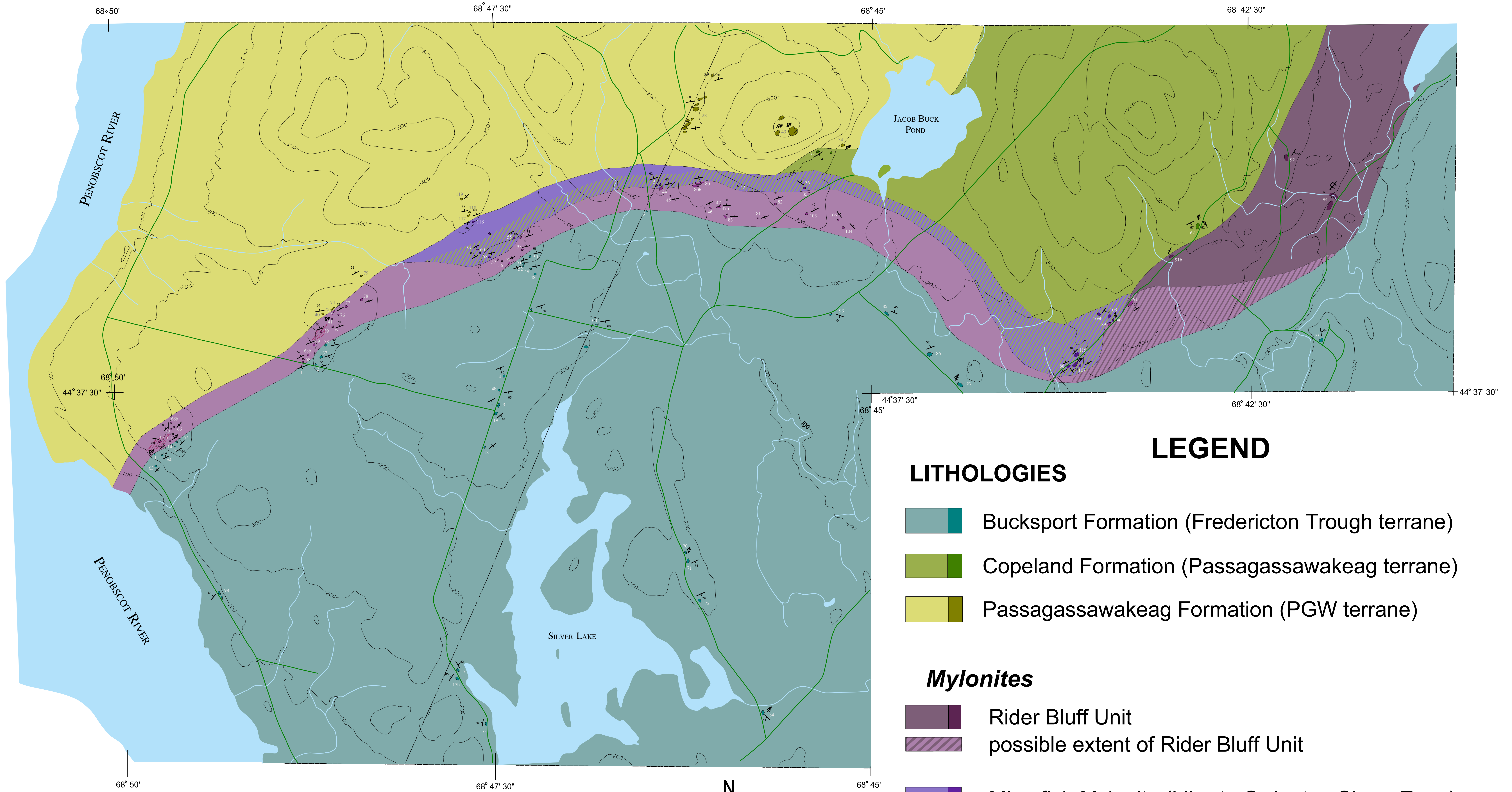





# GEOLOGIC MAP OF THE BUCKSPORT-ORLAND FIELD AREA, CENTRAL COASTAL MAINE








## LEGEND

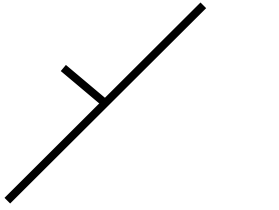
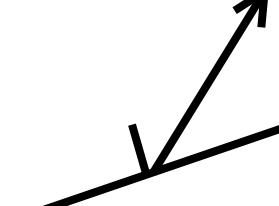
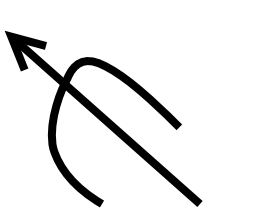


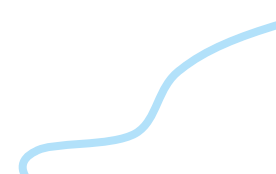
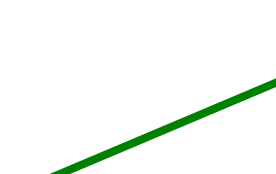
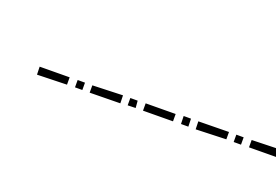
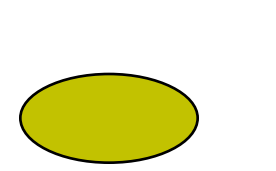

### LITHOLOGIES

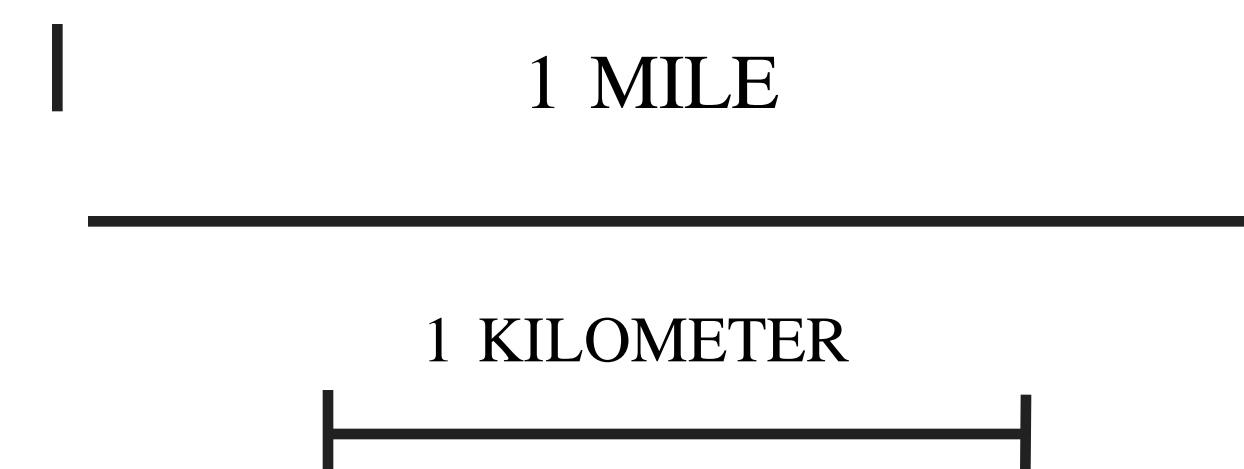
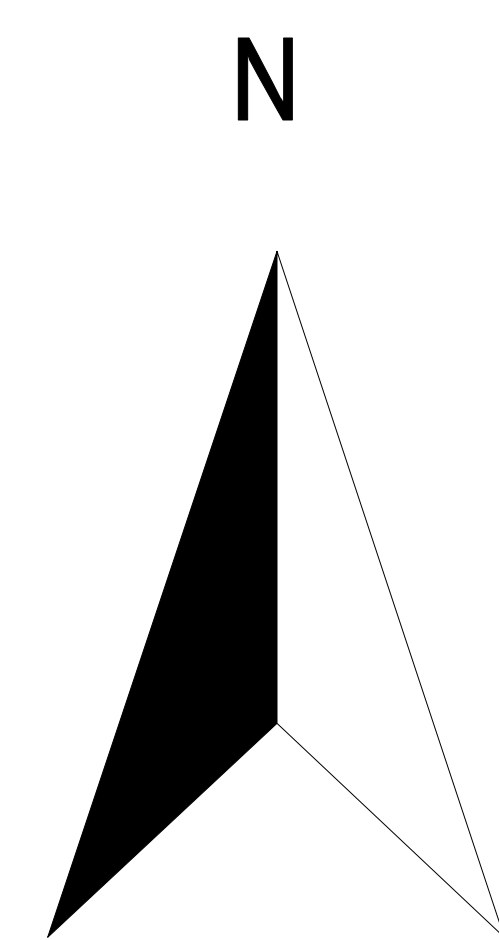
-  Bucksport Formation (Fredericton Trough terrane)
-  Copeland Formation (Passagassawakeag terrane)
-  Passagassawakeag Formation (PGW terrane)

### Mylonites

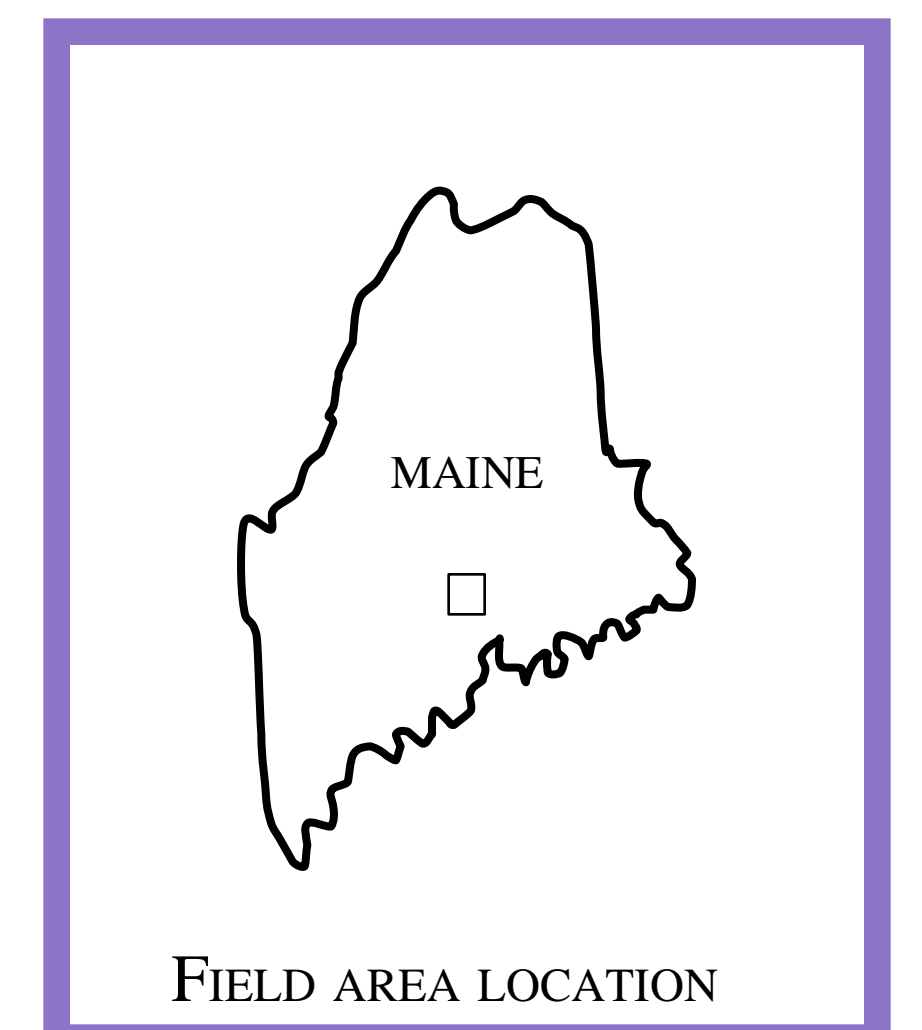
-  Rider Bluff Unit
-  possible extent of Rider Bluff Unit
-  Mica-fish Mylonite (Liberty-Orrington Shear Zone)
-  Copeland protolith
-  Fine-grained purple Mylonite (Liberty-Orrington Shear Zone)

## MAP SYMBOLS

-  Strike and dip of foliation
-  Trend and plunge of lineation
-  Fold orientation
-  Lithologic boundaries
-  Low-strain lens
-  Water
-  Roads
-  Power lines
-  Outcrop (darker colors)
-  Outcrop number



SCALE 1:12,000  
CONTOUR INTERVAL = 100'

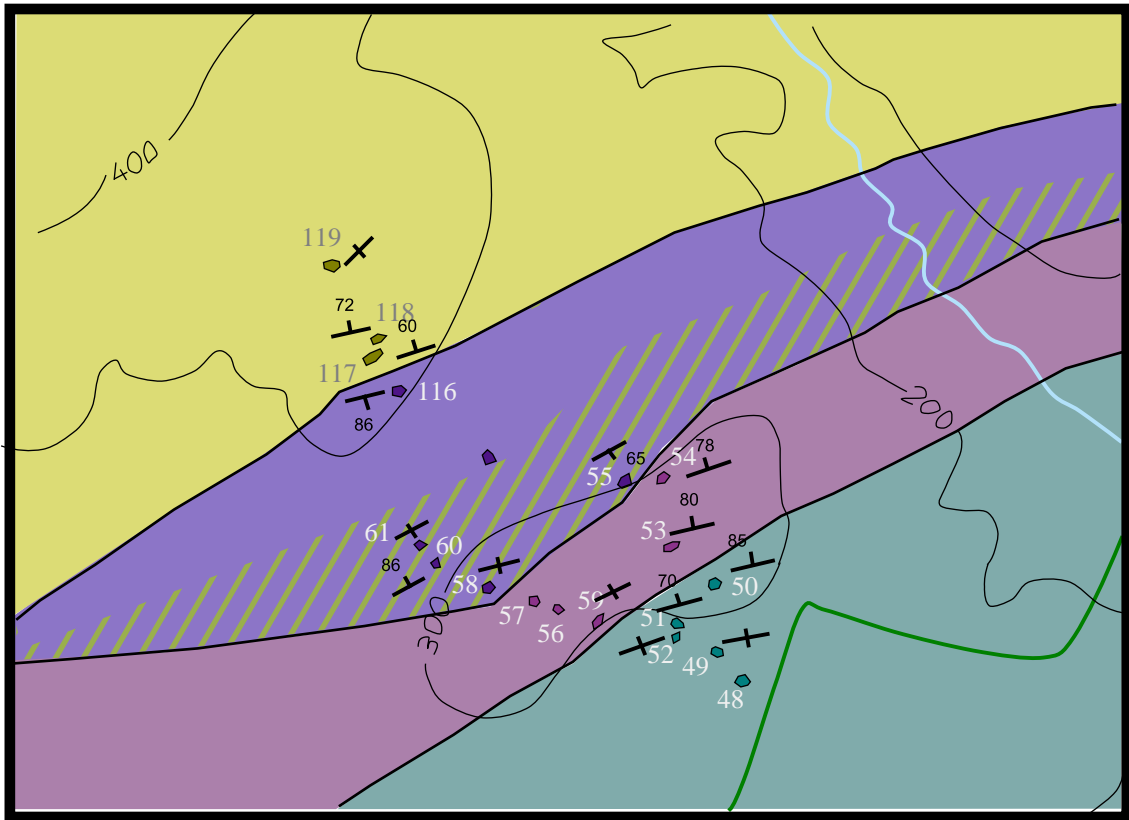


THIS MAP WAS CONSTRUCTED ON A TOPOGRAPHIC BASE MAP COMPILED FROM THE HAMPDEN, BUCKSPORT, AND BREWER LAKE 7.5 MINUTE TOPOGRAPHIC SERIES PUBLISHED BY THE USGS, 1982.







MAPPED AND COMPILED BY HEATHER SHORT, 1998-1999

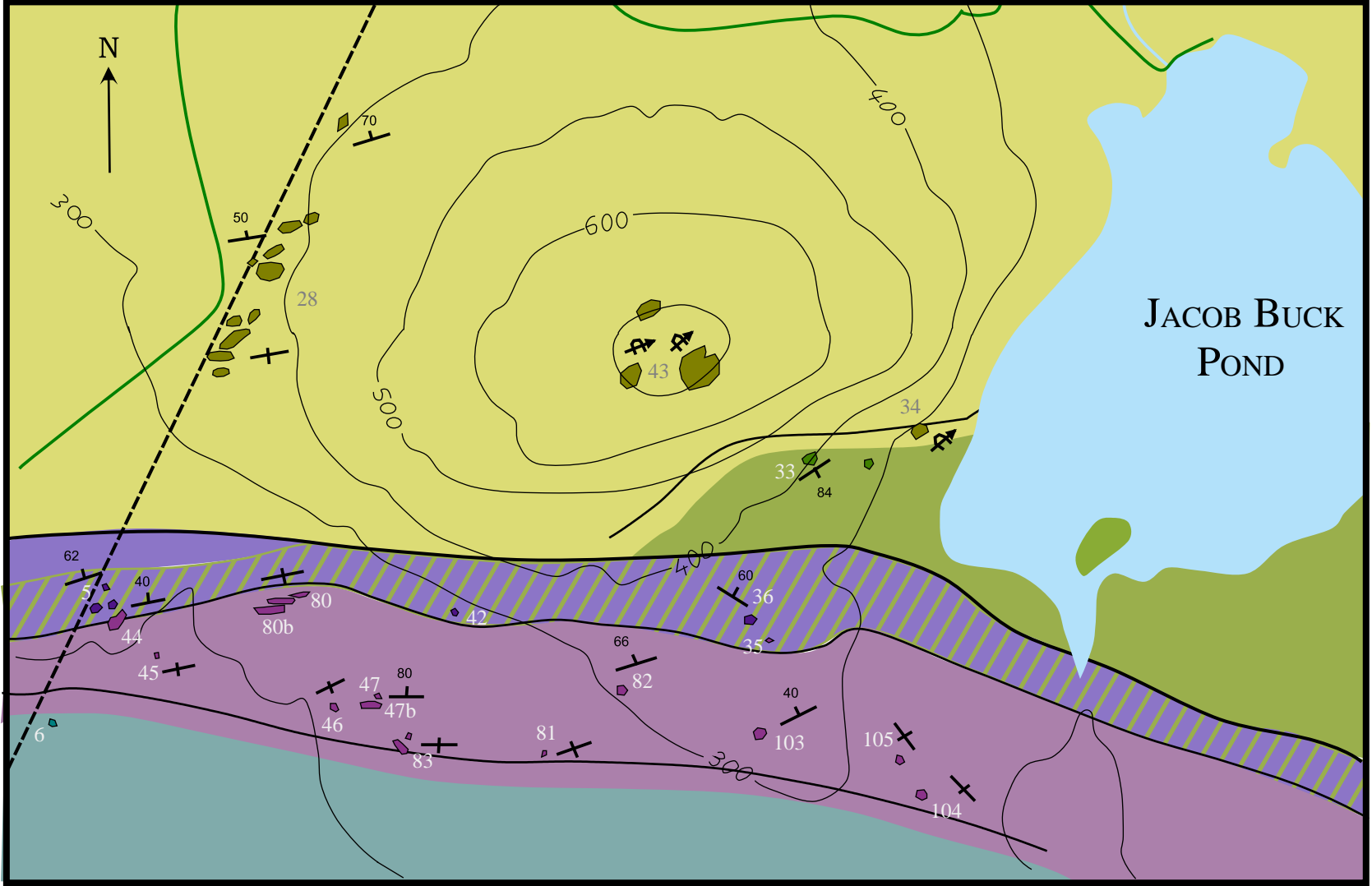
FIELD AREA LOCATION

Figure 3.6 - a) Local site map of locations of thin-sectioned samples; Numbers in white and grey are outcrop numbers, in black are dip numbers. b) Next page- Site map of outcrop locations near Jacob Buck Mountain.



1 kilometer

-  Passagassawakeag Formation (PGW terrane)
  -  Copeland Formation (Passagassawakeag terrane)
  -  Mica-fish Mylonite (Liberty-Orrington Shear Zone)
  -  Copeland protolith
  -  Fine-grained purple Mylonite (Liberty-Orrington Shear Zone)
  -  Bucksport Formation (Fredericton Trough terrane)
- N  
↑



# GEOLOGIC MAP OF THE BUCKSPORT-ORLAND FIELD AREA, CENTRAL COASTAL MAINE

Figure 1.3

