

1-1-1970

# Progress map of Pierce Pond quadrangle, Maine

Gary M. Boone

Follow this and additional works at: [https://digitalmaine.com/geo\\_docs](https://digitalmaine.com/geo_docs)

---

## Recommended Citation

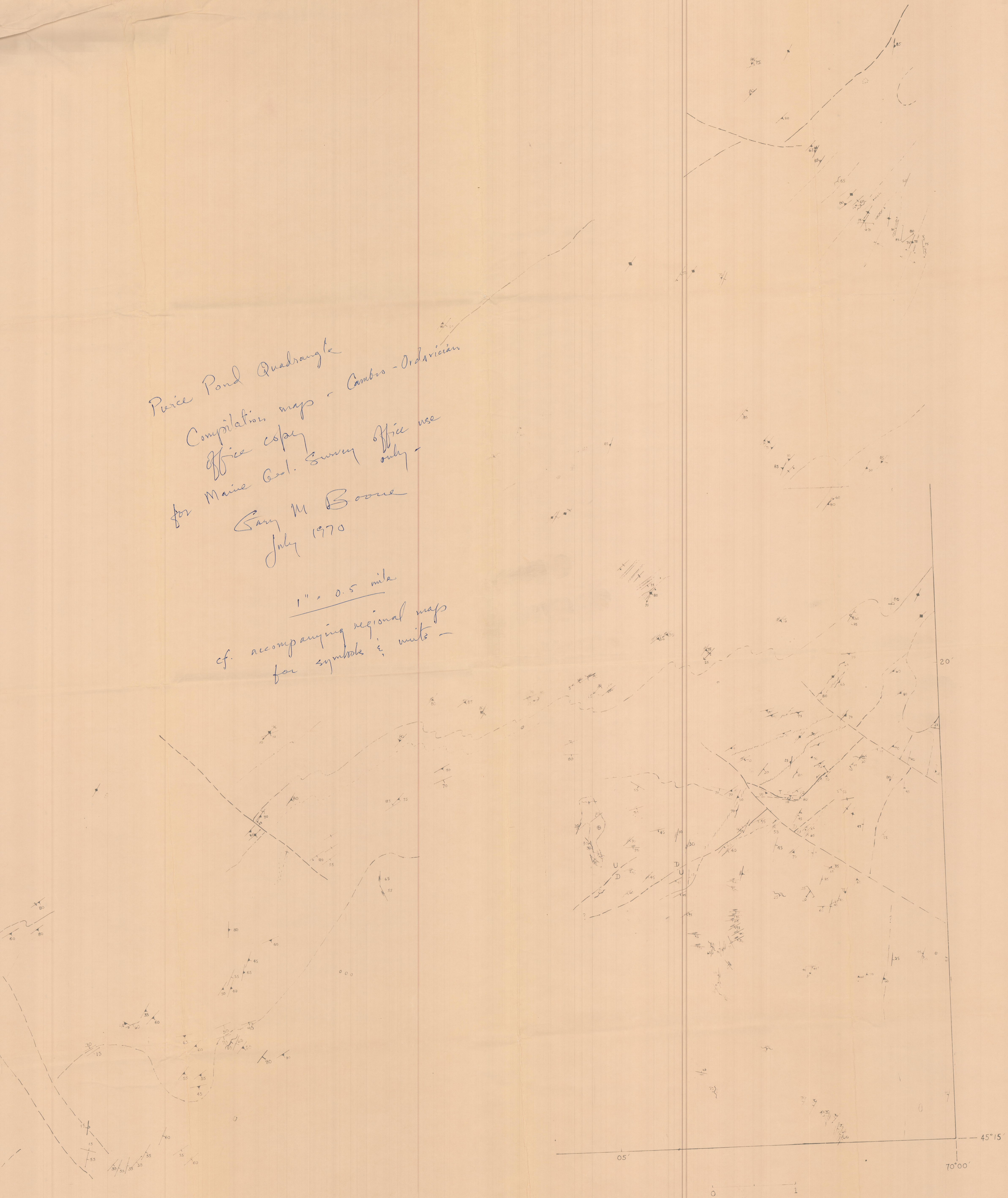
Boone, Gary M., "Progress map of Pierce Pond quadrangle, Maine" (1970). *Geology Documents*. 57.  
[https://digitalmaine.com/geo\\_docs/57](https://digitalmaine.com/geo_docs/57)

This Text is brought to you for free and open access by the Geological Survey at Digital Maine. It has been accepted for inclusion in Geology Documents by an authorized administrator of Digital Maine. For more information, please contact [statedocs@maine.gov](mailto:statedocs@maine.gov).



Price Pond Quadrangle  
Compilation map - Cambro-Ordovician  
office copy  
for Maine Geol. Survey office use only -  
Gary M. Boone  
July 1970

1" = 0.5 mile  
cf. accompanying regional map  
for symbols & units -





70° 15'  
45° 30'  
SPENCER LAKE QUAD  
PIERCE POND QUAD

70° 00'  
45° 30'

old proof  
more  
coming!

To Maine Geol. Survey  
office use only.  
Gay M Boone  
Oct. '69 and  
July '70.

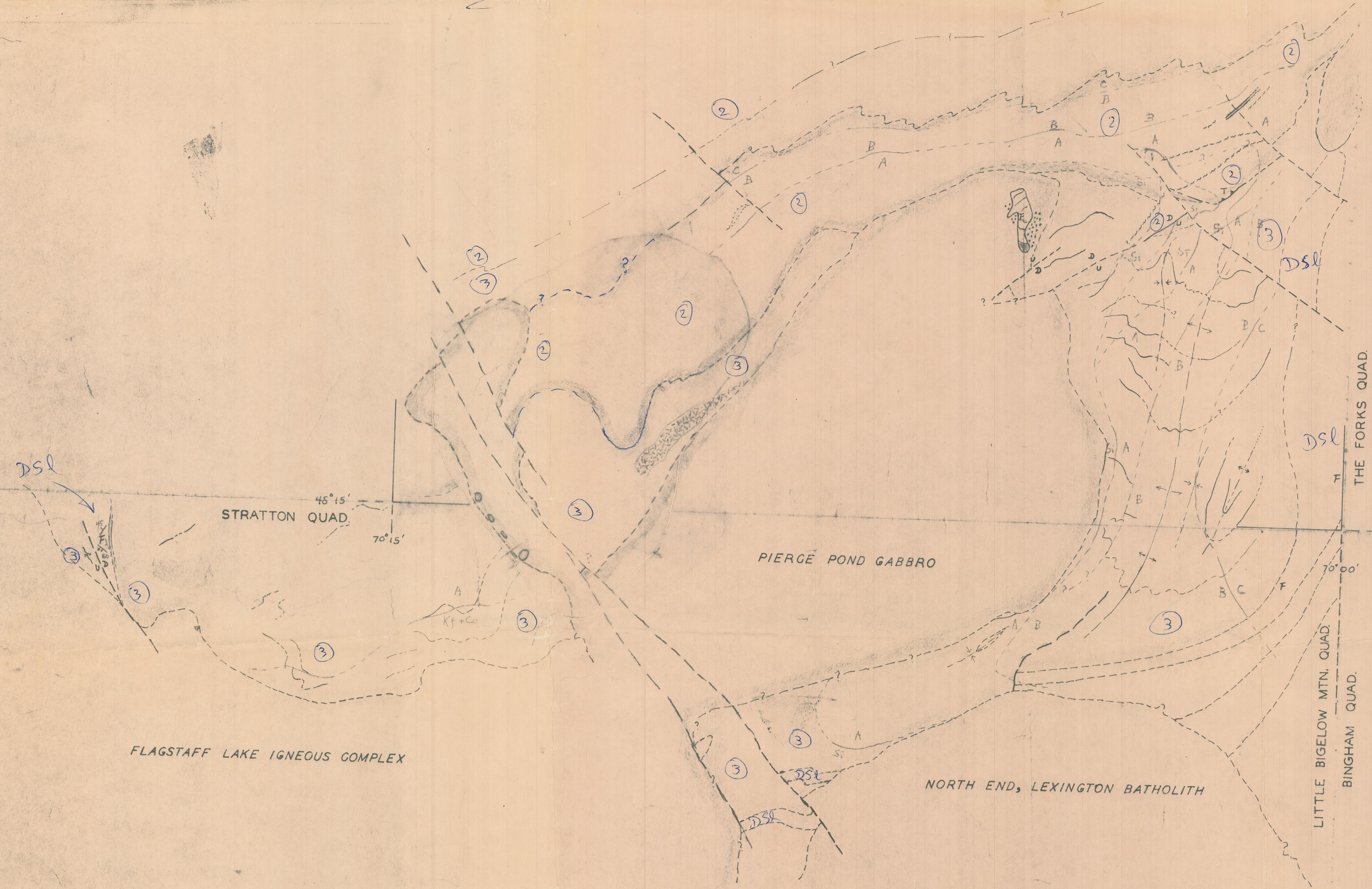
Post-lower Devonian, pre-late Acadian

Olivine-clinopyroxene gabbro, layered in part; minor diabase, garnet-rich facies (dotted overprint). Narrow diabase dikes and sills are abundant in east half of area, but are not shown.

Thinly-bedded limestone, calcarenite, calcareous slate, all in part ferruginous dolomitic; minor siltstone, sulfidic pelite. F=fossil locality

Unconformity or discordance  
Dead River fm. upper 1/3 of fm. } mainly high grade  
Longfalls formation. Thinly to thickly bedded magnesium-rich pelitic slate and graywacke of chlorite-grade, ranging to cordierite schist and hornfels, to injection-gneiss at Kfeldspar-cordierite grade. ~~Some~~ psch-type convolute and chaotic sedimentary structures preserved in upper part of formation; commonly pin-striped in central part.  
Dominantly thin- to medium-bedded gray phyllite, sulfidic phyllite and massive, non-feldspathic quartzite locally. Minor feldspathic tuff and calc-silicate in Hurricane Mountain. (Hurricane Mountain formation)  
Lower 1/3 (low-grade)  
Dead River formation A thin- to medium-bedded, light to dark bluish-green phyllite and green cleaved siltstone. Phyllite is predominant. Abundant thinly laminated zones. Fine laminae and lenses of black cherty quartzite; minor maroon phyllite. Pin-striped.

Volcanic & meta sed. ex. (mostly & non-massive gray slate, blue-gray gtz-wacke) Volcanics are massive & pillowed basalt andesite; lesser amt. massive felsite



Gay M Boone  
File 15