

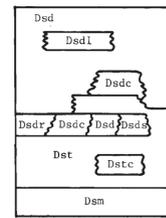
EXPLANATION

INTRUSIVE ROCKS



sy syenite
gr granite
ga gabbro

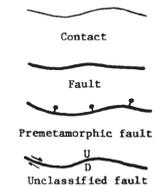
METAMORPHOSED BEDDED ROCKS



SEBOMOOK FORMATION
Day Mountain Member
Dsd: Rhythmically graded bedded, locally somewhat rusty-weathering, light gray metasilstone and gray metapelite; fine-to medium grained, light gray to buff, weakly calcareous graywacke metasandstone in graded beds with typically graded bedded gray metasilstone and dark gray metapelite.
Dsd1: Regularly and thinly bedded, light gray arenaceous metasilstone, gray calcareous metasilstone, and dark gray calcareous metapelite; massive greenish-gray calc-silicate granofels; rusty weathering, dark gray sulfidic metasandstone.
Dsd2: Rusty weathering dark metashale
Dsd3: Calcareous metasandstone
Temple Stream Member
Dst: Typically strongly rusty-weathering, dark gray, bedded sulfidic and graphitic quartz-rich granule metaconglomerate, metasandstone, metasilstone and metapelite; minor buff weathering, fine grained calcareous metasandstone and dark gray metapelite.
Dstc: Conglomerate.
Mount Blue Member
Dsm: Rhythmically graded bedded, locally somewhat rusty-weathering, light gray metasilstone and gray metapelite.
Dsmc: conglomerate

HILDRETHS FORMATION
Dh: Light gray, weakly calcareous, feldspathic metasandstone, commonly with ellipsoidal pods of green and white calc-silicate granofels, graded bedded with minor dark gray metapelite.
Dhr: Rusty weathering dark metashale.

CARRASSETT FORMATION
Dc: Rhythmically graded bedded, light gray metasilstone and gray metapelite; massive gray metapelite; rare polymict granule metaconglomerate near lower contact.
Dcr: Rusty-weathering, sulfidic, dark gray metasilstone and metapelite.



Lower Devonian



Upper Silurian(?) to Lower Devonian(?)



MADRID FORMATION
Thinly to thickly bedded, purplish-gray, weakly calcareous metasandstone, commonly with pods of calc-silicate granofels, locally graded bedded with minor gray metasilstone and dark gray metapelite; thinly layered, purplish-gray metasandstone and variably green and white calc-silicate granofels typically forming lower part of formation.



FALL BROOK FORMATION
Typically thickly bedded, purplish gray, weakly calcareous metasandstone, characteristically graded bedded with subordinate gray metasilstone and dark gray metapelite; rhythmically graded bedded light purplish-gray metasilstone and darker purplish-gray metapelite.

Ludlovian



SMALLS FALLS FORMATION
Rusty weathering, dark gray sulfidic metasandstone, metasilstone, and metapelite, minor, dark gray, quartz-rich, sulfidic metasandstone with thin bands of calc-silicate granofels.

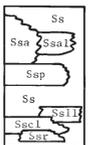


PARKMAN HILL FORMATION
Sph: Typically strongly rusty-weathering, dark gray, sulfidic, quartz-rich, granule metaconglomerate, metasandstone, metasilstone, and metapelite; graded bedding common, but not universally present.

Silurian



PERRY MOUNTAIN FORMATION
Sp: Thinly rhythmically layered, light gray metasilstone and darker, mica-rich metapelite; local massive metapelite.
Sps: Polymict granule metaconglomerate, graded bedded with thinly interbedded metasilstone and metapelite.
Sps: Massive or thinly laminated, medium gray, weakly calcareous metasandstone and gray metasilstone; minor calc-silicate granofels.

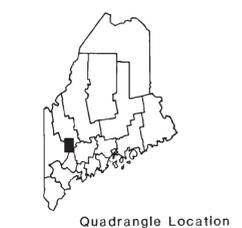
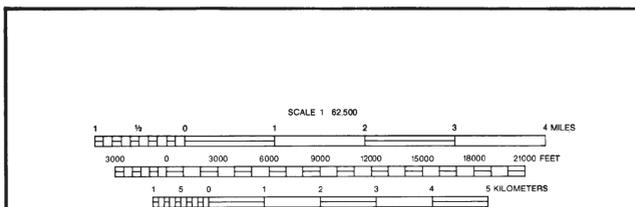
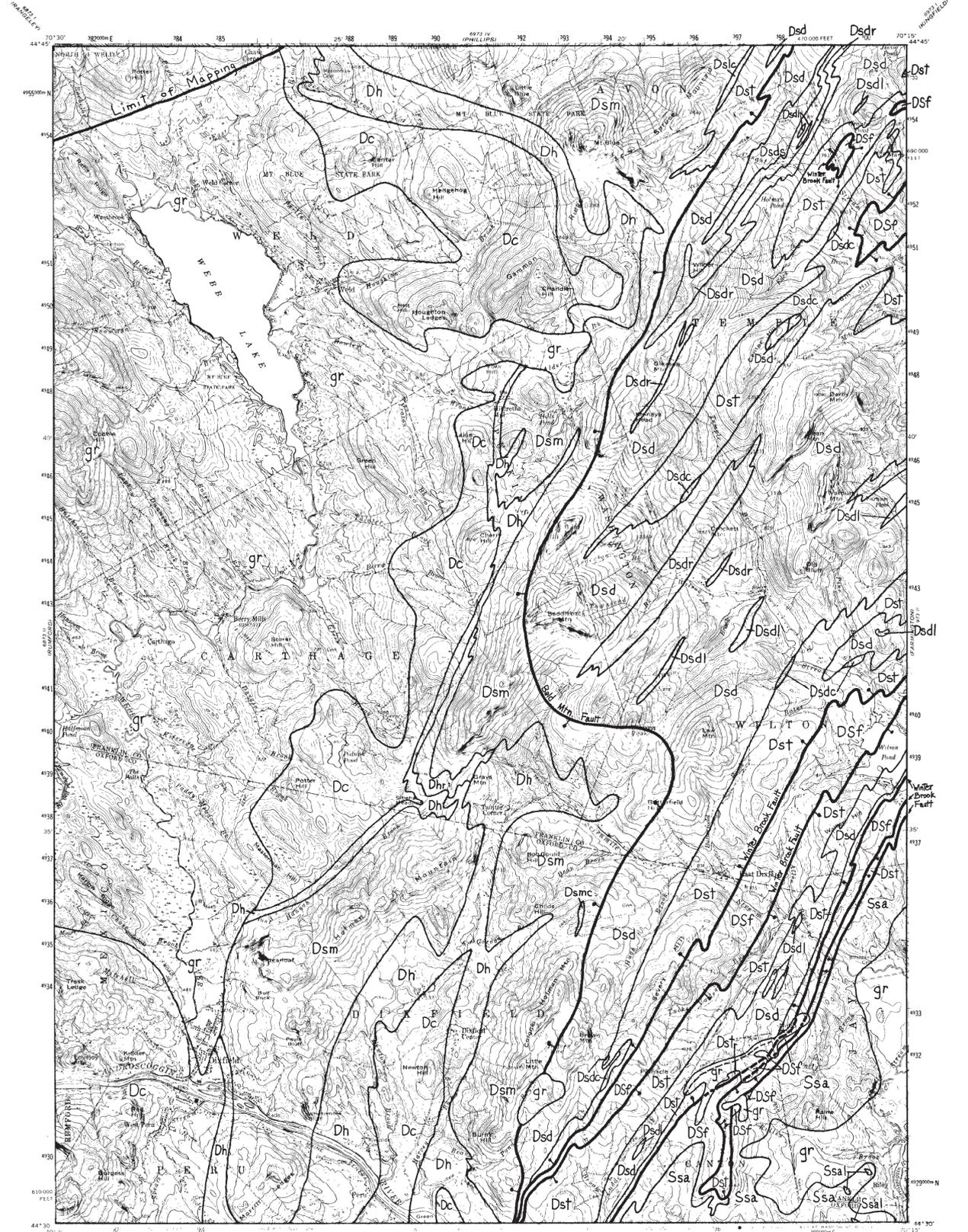


SANGERVILLE FORMATION
Ss: Typically thickly bedded, fine- to coarse-grained, light gray, typically calcareous, graywacke metasandstone, characteristically graded bedded with thinly interlaminated gray metasilstone and dark gray or greenish-gray metapelite; subordinate, thinly interlaminated, gray metasilstone and dark gray metapelite.
Ssa: (Anasagunticook Member): Dominant, thinly interlaminated, gray metasilstone and dark gray metapelite; subordinate, light gray, calcareous graywacke metasandstone, graded bedded with gray metasilstone and dark gray metapelite.
Ssa1: Metasilstone.
Ssa1c: (Lower Metaconglomerate Member): Polymict granule metaconglomerate in addition to all rock types noted under (Ss).
Ssa2: Strongly rusty-weathering, sulfide-bearing rocks, indistinguishable from those of the Parkman Hill Formation.
Ssa3: (Patch Mountain Member): Thinly layered, light gray, arenaceous metasilstone and gray calcareous metasilstone, locally interbedded with dark gray calcareous metapelite.
Ssa4: (Lower Metasilstone Member): Similar to the Patch Mountain Member, except that it is locally interlayered with thin beds of polymict granule metaconglomerate, and of rusty-weathering dark gray sulfidic metasandstone.



WATERVILLE FORMATION
Ssw: Beds with variable thickness of light-gray quartz wacke and dark-gray to greenish gray pelite belonging to the western facies. Some beds are graded.

Llandoveryian to Wenlockian



RECONNAISSANCE
BEDROCK GEOLOGY
OF THE
DIXFIELD
QUADRANGLE, MAINE

BY
KOST A. PANKIWSKYJ
1978
Maine Geological Survey
DEPARTMENT OF CONSERVATION
Augusta, Maine 04333
Walter A. Anderson, State Geologist
OPEN FILE NO. 78-15