

PRELIMINARY GEOLOGIC MAP OF
THE ATLANTA 2° SHEET

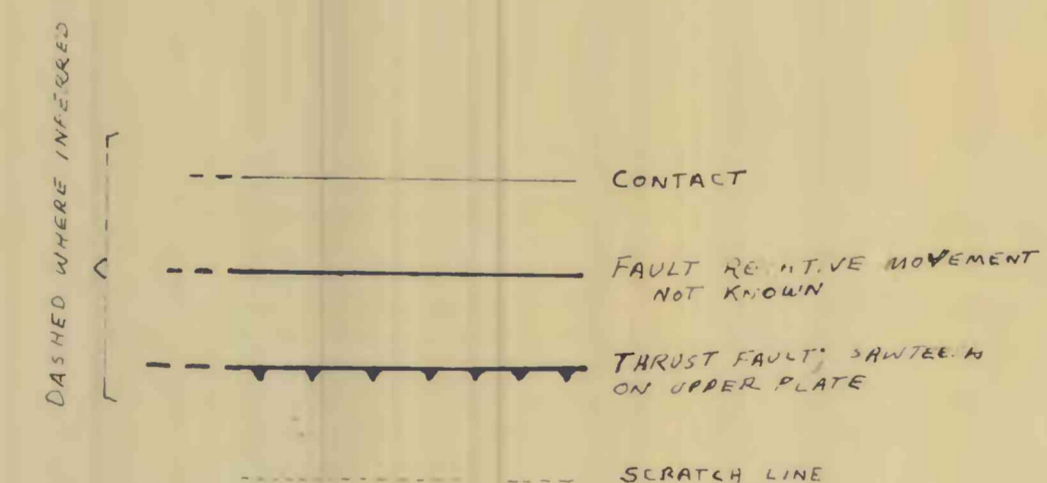
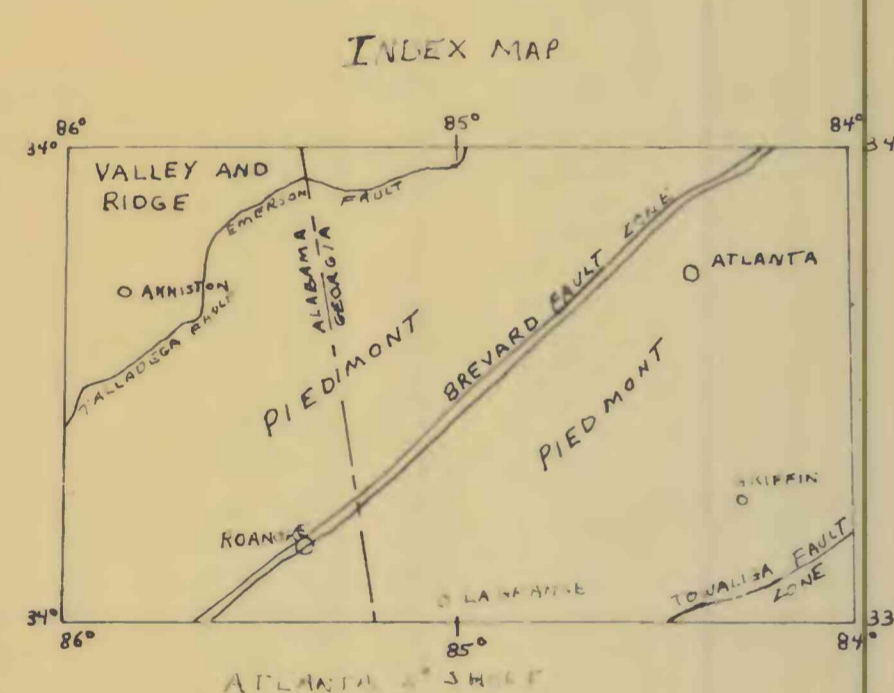
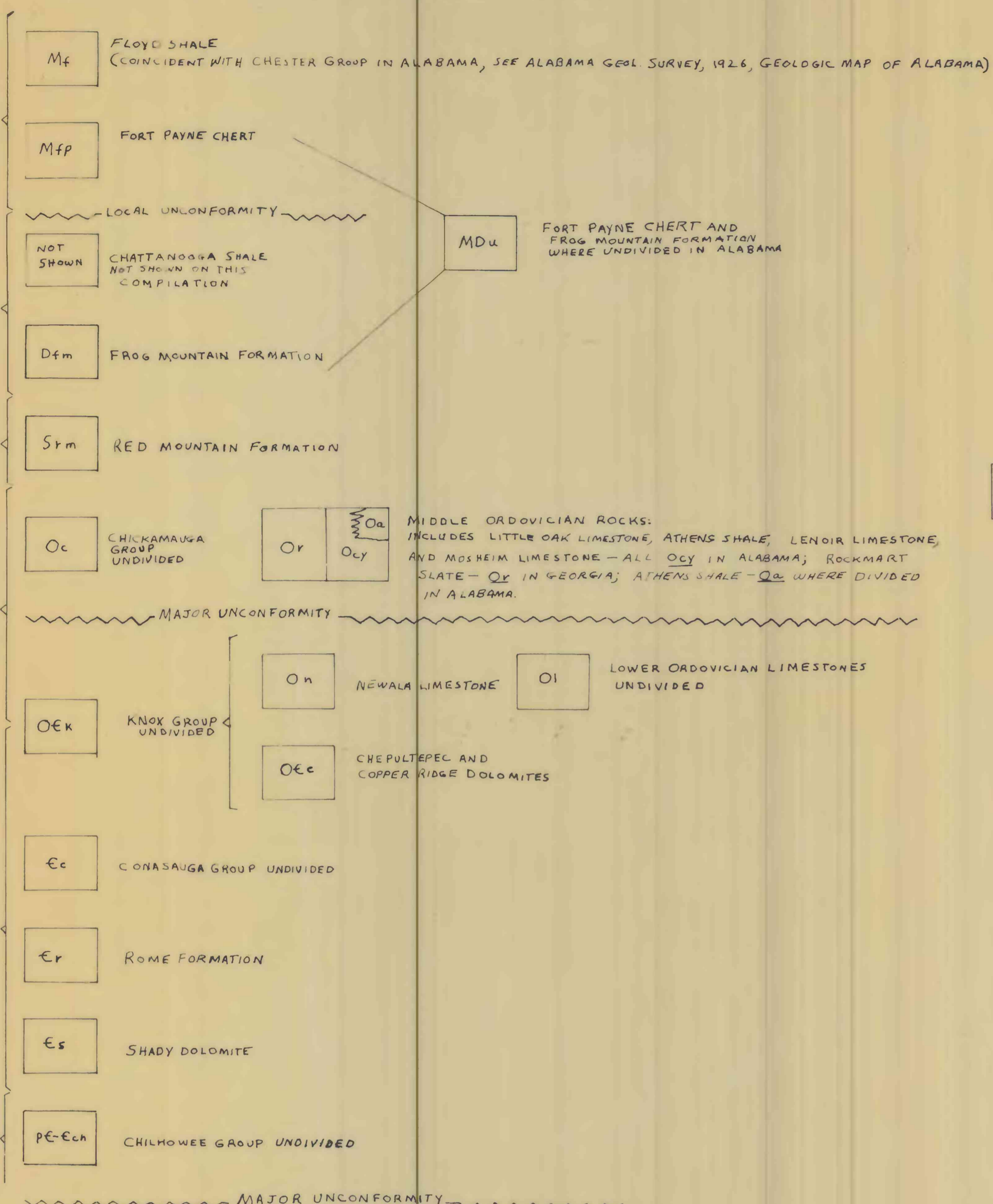
BY MICHAEL W. HIGGINS AND CHARLOTTE E. ABRAMS
1978

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EXPLANATION

PALEOZOIC
EDUCARAN
CAMBRIAN
ORDOVICIAN
SILURIAN
DEVONIAN
MISSISSIPPIAN

VALLEY AND RIDGE SEDIMENTARY ROCKS



ALABAMA PIEDMONT
IGNEOUS AND METAMORPHIC
ROCKS

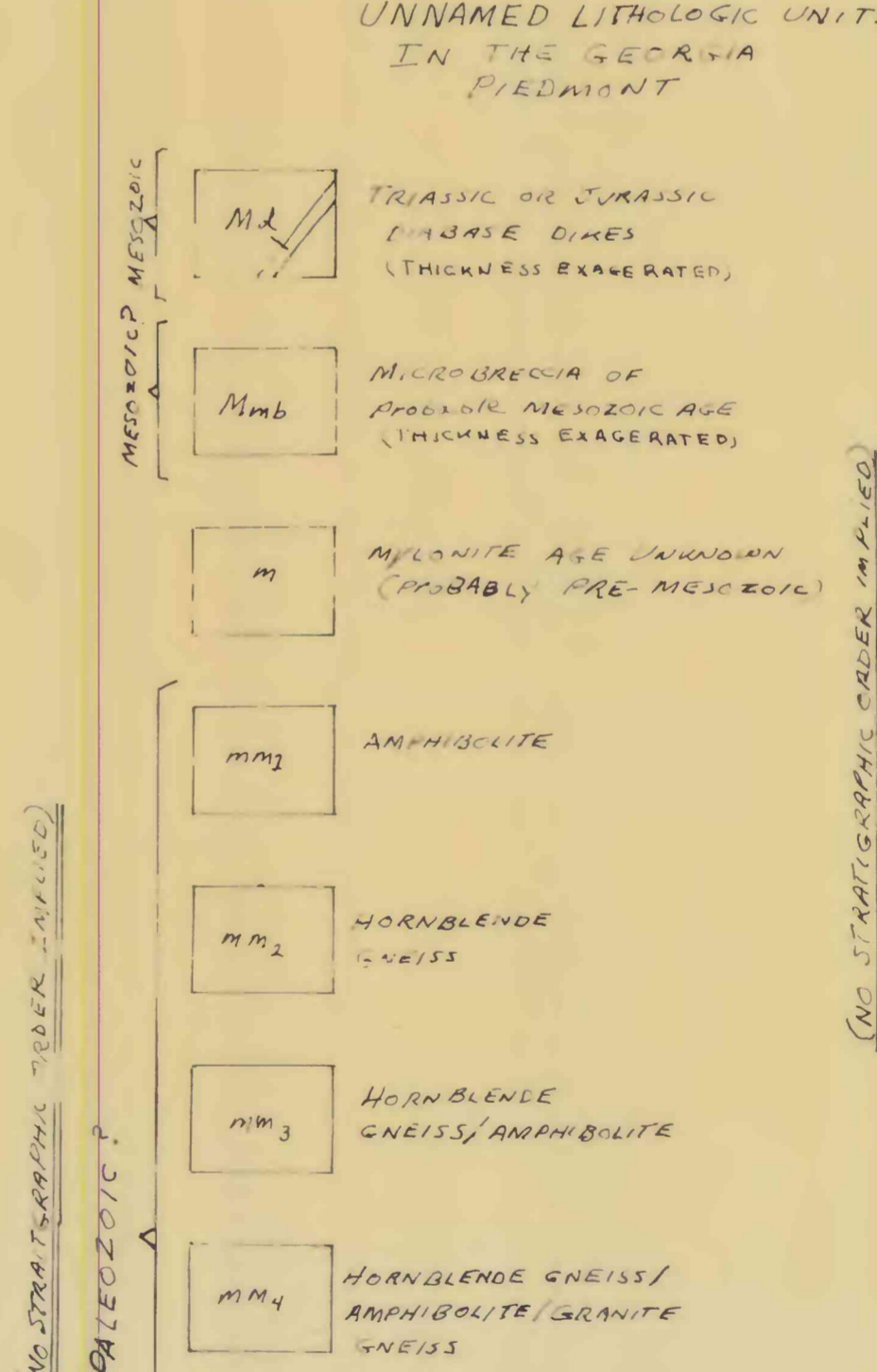
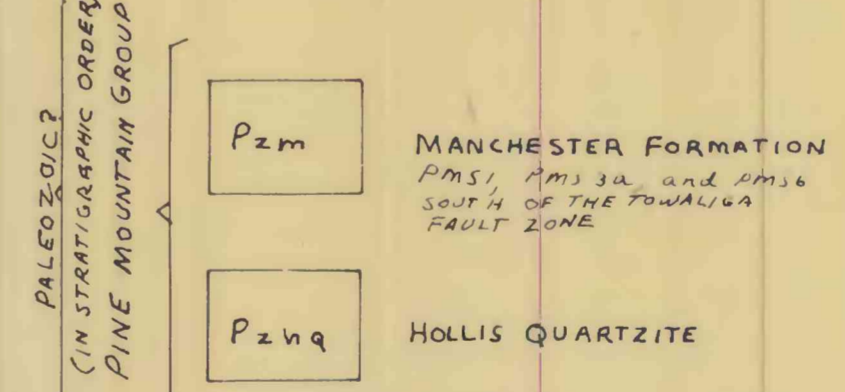
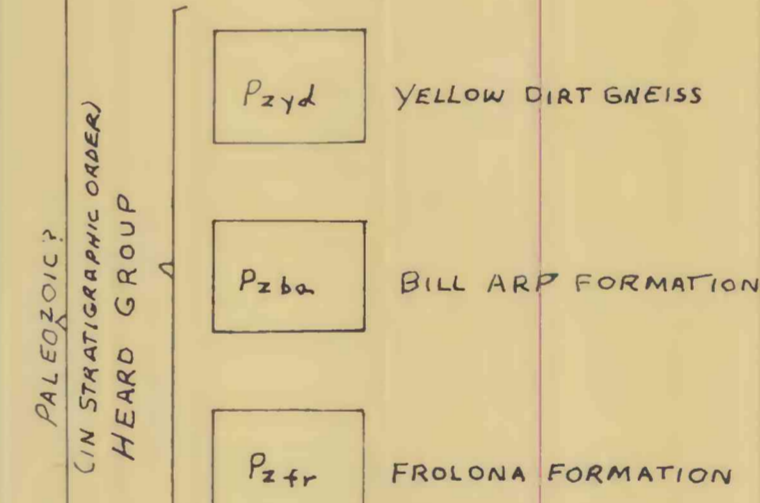
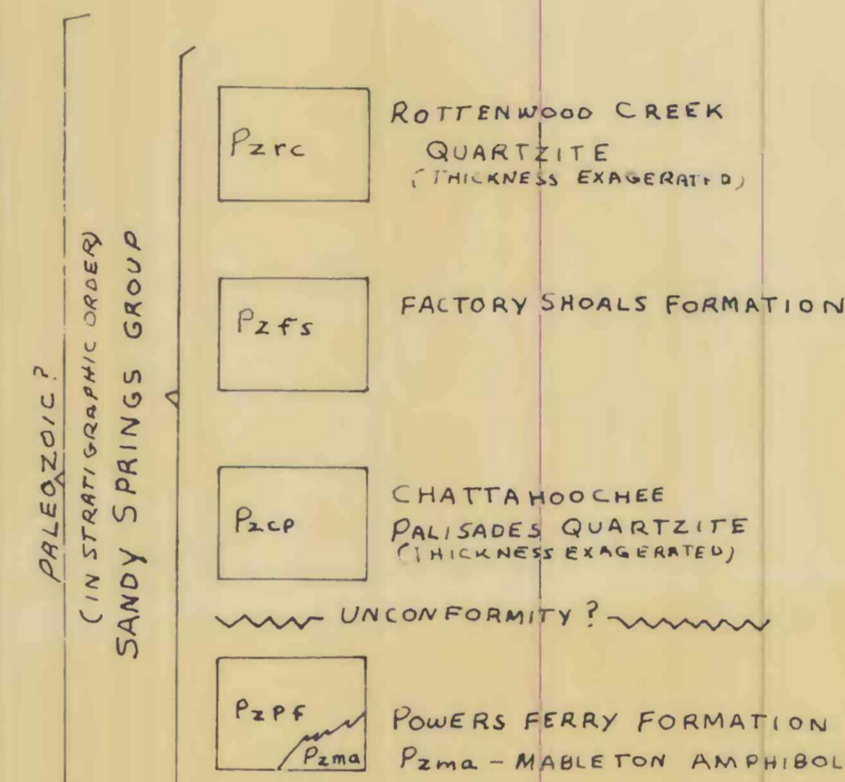
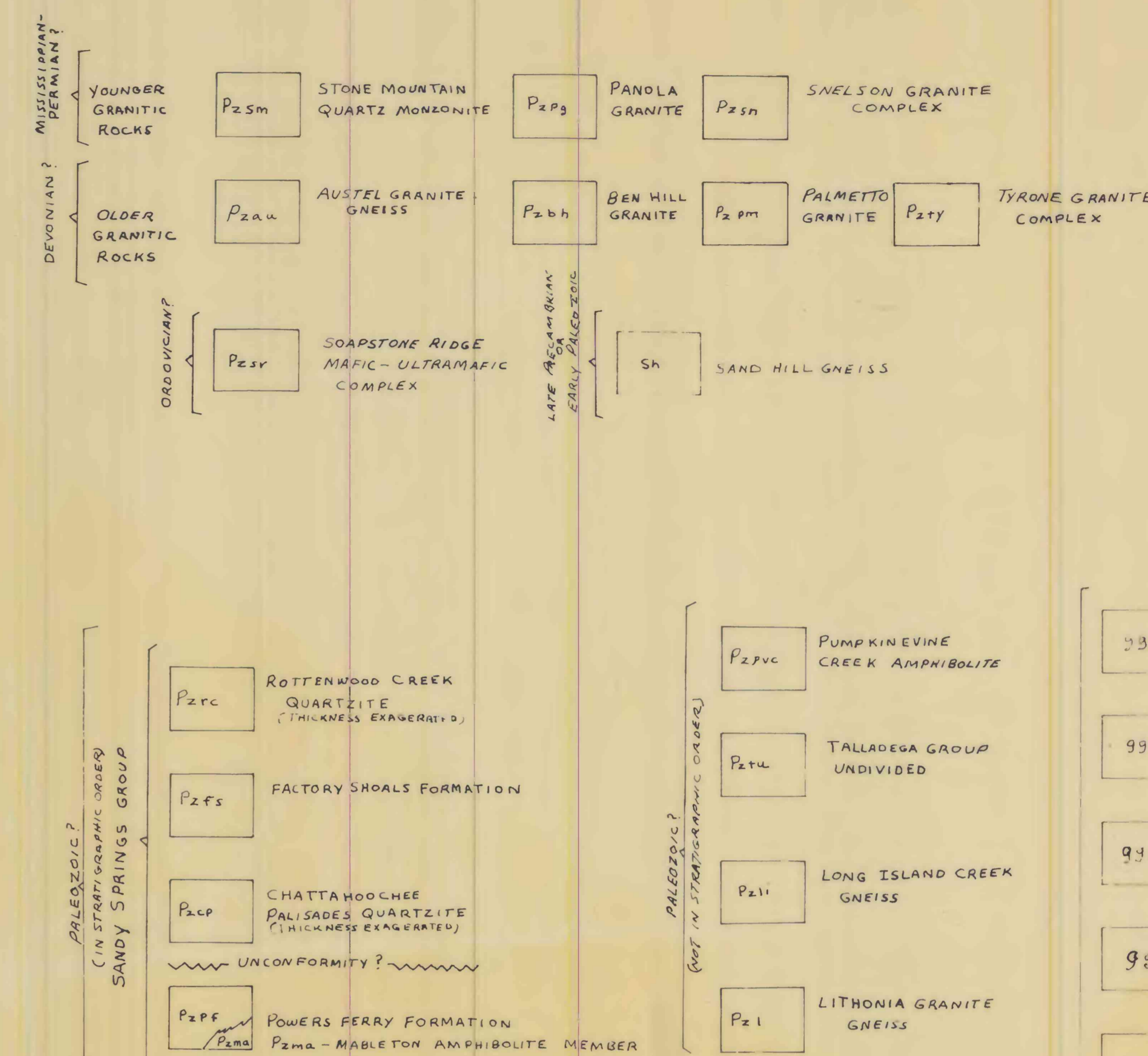
- Pzum ULTRAMAFIC ROCKS
- Pzko KETCHAPEEDRAKE AMPHIBOLITE
- Pzbg BOTTLE GRANITE
- Pzgu UNNAMED GRANITIC ROCKS
- Pzz ZANA GRANITE
- Pzel ELKANATCHEE QUARTZ DIORITE
- Pza ALMOND GRANITE
- Pzbs BLUFF SPRINGS GRANITE
- Pzk HILLBEE FORMATION
- Pzcs CHULAFINNEE SCHIST
Pzcl - CHLORITIC SCHIST
- Pzw WEDGEE GROUP UNDIVIDED
- Pzb BEAVER DAM AMPHIBOLITE
- Pzch CORNHOUSE FORMATION
- Pzmi MAD INDIAN GROUP UNDIVIDED
- Pze EMUCKFAW FORMATION
- Pzg GLENLOCK FORMATION
- Pzg Kowliga GNEISS
- Pzpgn PENCIL GNEISS
- Pzjgq QUARTZITE
- Pzjg JACKSON GAP UNDIVIDED
- Pzas AGRICOLA SCHIST-GNEISS
- Pzrm ROCK MILLS GRANITE
- Pzwn WARESVILLE FORMATION
- Pzvc ROPES CREEK AMPHIBOLITE

UNITS STRATIGRAPHIC ORDER IMPLIED
PALEOZOIC ?

DEVONIAN AND DEVONIAN ?

- m MYLONITE AGE UNKNOWN (PROBABLY PRE-MESOZOIC)
- Md TRIASSIC OR JURASSIC DIABASE DIXES (THICKNESS EXAGGERATED)
- Dap Dap ABEL GAP FORMATION: Dap - GRAY-BLACK PHYLLITE, SILTSTONE AND CLAYSTONE; Dag - QUARTZITE; Das - CALCAREOUS SANDSTONE AND CONGLOMERATE
- Dac CHEAHA QUARTZITE
- Dby BUTTING RAM QUARTZITE
- Dld LAY DAM FORMATION
- Du DEVONIAN ROCKS UNDIVIDED

NAMED UNITS IN THE GEORGIA PIEDMONT



UNNAMED LITHOLOGIC UNITS IN THE GEORGIA PIEDMONT

- G93 MUSCOWEE GRANITE GNEISS
- G94 GRANITE GNEISS/AMPHIBOLITE
- G95 CALC-SILICATE GRANITE GNEISS
- G96 GRANITE GNEISS/GRANITE
- G97 GRANITE UNDIVIDED
- G98 GRANITE/DIABASE GNEISS/AMPHIBOLITE
- G99 ALICA SCHIST
- G100 MICA SCHIST/GNEISS
- G101 MICA SCHIST/GNEISS/AMPHIBOLITE
- G102 AMPHIBOLITE
- G103 HORNBLende GNEISS
- G104 HORNBLende-BIOTITE GNEISS/AMPHIBOLITE
- G105 AMPHIBOLITE/MICA SCHIST/BIOTITE GNEISS
- G106 SERICITE SCHIST
- G107 BIOTITE GNEISS/ FELDSPATHIC BIOTITE GNEISS
- G108 BIOTITE GNEISS UNDIVIDED
- G109 BIOTITE GNEISS/AMPHIBOLITE
- G110 BIOTITE GNEISS/AMPHIBOLITE
- G111 BIOTITE GNEISS
- G112 BIOTITE GNEISS/AMPHIBOLITE
- G113 QUARTZITE
- G114 QUARTZITE/MICA SCHIST
- G115 QUARTZITE/ALICA SCHIST/AMPHIBOLITE
- G116 QUARTZITE/METAGNANITE
- G117 GARNET MICA SCHIST
- G118 GARNET MICA SCHIST/GNEISS
- G119 GARNET ALICA SCHIST/AMPHIBOLITE
- G120 ALUMINOUS SCHIST
- G121 SILLIMANITE SCHIST
- G122 SILLIMANITE SCHIST/GNEISS
- G123 PHYLLITE UNDIVIDED
- G124 PHYLLITE AND QUARTZITE
- G125 SERICITE SCHIST/AMPHIBOLITE
- G126 GONDITE (THICKNESS EXAGGERATED)
- G127 DUTTON SCHIST
- G128 PHYLLONITE

UNITS STRATIGRAPHIC ORDER IMPLIED
PALEOZOIC ?