U.S. DEPARTMENT OF THE INTERIOR
U.S. GEOLOGICAL SURVEY

Prepared in cooperation with the
CITY OF ZEBULON

WATER-RESOURCES INVESTIGATIONS REPORT 93-4161
Geologic units and structural data in the Zebulon area--PLATE 2
Chapman, M.J., Milby, B.J., and Peck, M.F., Geology and
ground-water resources in the Zebulon area, Georgia

84°22'30" 20' 84°17'30"

33°07'30"

33°05'00"

SOUTHERN

Lewis Creek

Landfill

Creek

Elkins

Sewage disposal pond

ZEBULON

Sewage disposal pond

SOUTHERN

Chapman Creek

A

B

C

Base from U.S. Geological Survey
Zebulon, 1971, Hollonville, 1971,
Griffin South, 1971 and Concord, 1971

0 1 2 MILES

0 1 2 KILOMETERS

EXPLANATION

GEOLOGIC UNITS

A — Sillimanite-muscovite-biotite-quartz-feldspar-schists interlayered with amphibolites/hornblende gneisses and gondites

B — Granitic rocks interlayered with biotite-sillimanite-muscovite-quartz-feldspar schists and amphibolites/ hornblende gneisses

C — Muscovite-sillimanite-quartz-feldspar schists interlayered with gondites

ROSE DIAGRAM

Shows strike of structural features inside of circle in 15 degree divisions

Petal length indicates number of measurements per division

N 15° 2 1 0

STUDY AREA
GEORGIA

MAP SHOWING GEOLOGIC UNITS AND STRUCTURAL DATA IN THE ZEBULON AREA, GEORGIA

By
Melinda J. Chapman, Barbara J. Milby, and Michael F. Peck

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