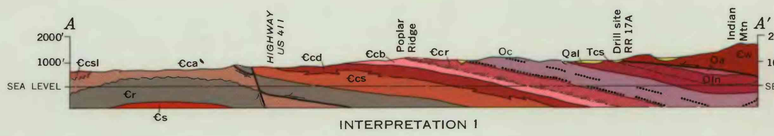
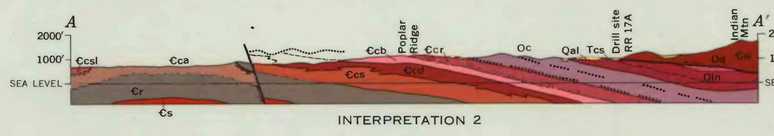
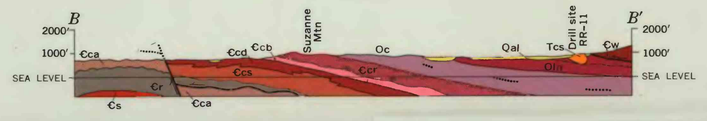
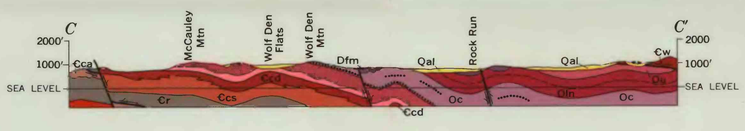
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

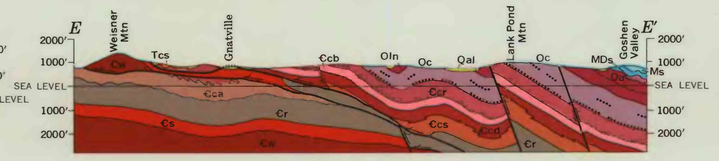
BULLETIN 1199-N
PLATE 1

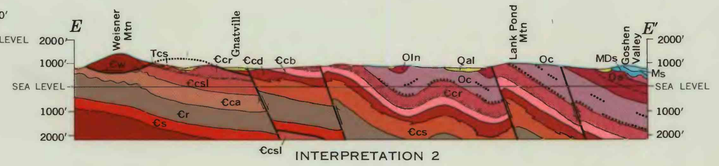


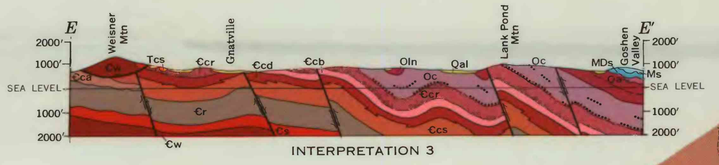


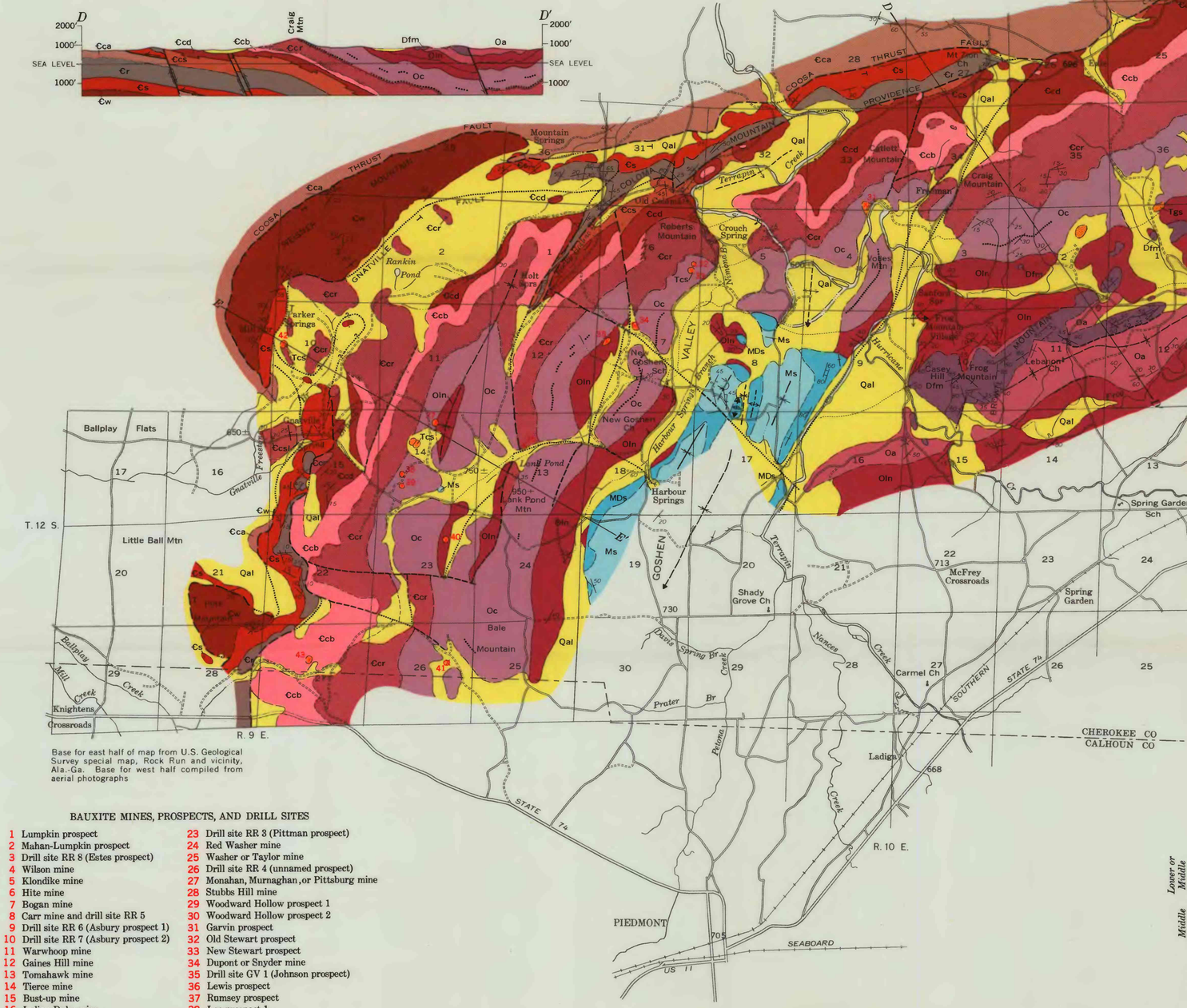












Base for east half of map from U.S. Geological Survey special map, Rock Run and vicinity, Ala.-Ga. Base for west half compiled from aerial photographs

BAUXITE MINES, PROSPECTS, AND DRILL SITES

1 Lumpkin prospect
2 Mahan-Lumpkin prospect
3 Drill site RR 8 (Estes prospect)
4 Wilson mine
5 Klondike mine
6 Hite mine
7 Bogan mine
8 Carr mine and drill site RR 5
9 Drill site RR 6 (Asbury prospect 1)
10 Drill site RR 7 (Asbury prospect 2)
11 Warwhoop mine
12 Gaines Hill mine
13 Tomahawk mine
14 Tierce mine
15 Bust-up mine
16 Indian Dyke mine
17 Pine Cut prospect
18 Old Dyke mine
19 Red Cut prospect
20 Drill site RR 2 (unnamed prospect)
21 Drill site RR 1 (unnamed prospect)
22 New Dyke mine
23 Drill site RR 3 (Pittman prospect)
24 Red Washer mine
25 Washer or Taylor mine
26 Drill site RR 4 (unnamed prospect)
27 Monahan, Murnaghan, or Pittsburg mine
28 Stubbs Hill mine
29 Woodward Hollow prospect 1
30 Woodward Hollow prospect 2
31 Garvin prospect
32 Old Stewart prospect
33 New Stewart prospect
34 Dupont or Snyder mine
35 Drill site GV 1 (Johnson prospect)
36 Lewis prospect
37 Rumsey prospect
38 Lee prospect 1
39 Lee prospect 2
40 Wallace prospect
41 Mundy prospect
42 Cunliff prospect
43 Wright prospect

GEOLOGIC MAP AND SECTIONS OF THE ROCK RUN AND GOSHEN VALLEY AREAS CHEROKEE AND CALHOUN COUNTIES, ALABAMA

SCALE 1:48 000

1 ½ 0 1 2 3 MILES

1 5 0 1 2 3 KILOMETERS

EXPLANATION

QUATERNARY
- Qal — Alluvium and slope wash

TERTIARY(?)
- Tcs, Tgs — Sinkhole and surficial deposits
  Probably equivalent to the Midway Group (Paleocene) and the Wilcox Group (early Eocene)
  Tcs, *clay, bauxitic clay, silt, and sand*
  Tgs, *gravel and sand*

MISSISSIPPIAN
- Ms — Sedimentary rocks
  Include chert, shale, sandstone, and limestone

DEVONIAN
- MDs — Sandstone of Mississippian or Devonian age
- Dfm — Frog Mountain Sandstone
  Lower or Middle Devonian

ORDOVICIAN
- Oa — Athens Shale
  Middle Ordovician
- Oln — Longview Limestone and Newala Limestone
- Oc — Chepultepec Dolomite
  Dotted line shows trace of middle sandstone, where present
  Lower Ordovician — Knox Group

CAMBRIAN
- €cr — €ccb — Copper Ridge Dolomite
  €ccb, *basal stromatolitic chert facies, where present*
  Upper Cambrian
- €cd — €cs — Conasauga Limestone south and east of Coosa thrust
  €cd, *upper facies, dolomitic limestone and dolomite*
  €cs, *lower facies, interbedded shale, limestone, and dolomitic limestone*
- €csl — €ca — Conasauga Limestone north and west of Coosa thrust
  €csl, *upper facies, shale and minor interbedded limestone*
  €ca, *lower facies, shale-arenite*
  Middle and Upper Cambrian
- €r — Rome Formation
- €s — Shady Dolomite
- €w — Weisner Quartzite
  Lower Cambrian

Contact
Long dashed where approximately located; short dashed where inferred; dotted where concealed

Fault
Long dashed where approximately located; short dashed where inferred; dotted where concealed

Thrust fault
Dashed where approximately located; dotted where concealed; queried where doubtful. T, upper plate

Anticline
Showing crestline approximately located

Syncline
Showing troughline approximately located

Overturned syncline
Showing troughline approximately located

60 Strike and dip of beds

Strike of vertical beds

30 Strike and dip of cleavage

Strike of vertical cleavage

x16 Abandoned bauxite mine
Number refers to list of bauxite mines, prospects, and drill sites

x29 Bauxite prospect or drill site
Number refers to list of bauxite mines, prospects, and drill sites

Barren drill hole
At site where no bauxite was found

TRUE NORTH
MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1966

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1966—G65429