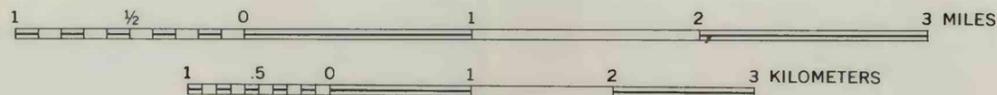


Base south and west of Cave Spring from U.S. Geological Survey map of Rock Run District. Remainder of area and lot lines from Soil Conservation Service aerial photographs

Geology by N. M. Denson and W. S. White, 1942

**GEOLOGIC MAP OF THE CAVE SPRING BAUXITE AREA  
FLOYD AND POLK COUNTIES, GEORGIA**

SCALE 1:48 000



EXPLANATION

- |  |            |  |  |
|--|------------|--|--|
| Lower Ordovician   | Knox Group |  | ORDOVICIAN   |
|  |            | Chepultepec Dolomite<br><i>Dots show areas where sandy facies was observed</i> |  |
| Upper Cambrian   | Knox Group |  | CAMBRIAN   |
| Copper Ridge Dolomite<br><i>Base mapped at bottom of a zone of spongelike cherts that may actually lie 50-150 feet above base of formation</i> |            |  |  |
| Middle and Upper Cambrian  | Knox Group |  | CAMBRIAN   |
| Conasauga Formation<br><i>Limestone, dolomite, and shale. Probably includes lowermost Copper Ridge Dolomite</i>                                |            |  |  |
| Lower Cambrian   | Knox Group |  | CAMBRIAN   |
| Rome Formation   |            |  |  |
|  |            |  |  |
|  |            | Weisner Quartzite  |  |
|  |            |  | Contact, approximately located                                       |
|  |            |  | Fault, approximately located   |
|  |            |  | U, upthrown side; D, downthrown side                                 |
|  |            |  | Thrust fault<br>T on upper plate                                     |
|  |            |  | Bauxite mine   |
|  |            |  | Prospect showing bauxite or bauxitic clay                            |
|  |            |  | Land lot number<br><i>Lot lines sketched from aerial photographs</i> |
|  |            |  | Area favorable for discovery of concealed bauxite deposits           |