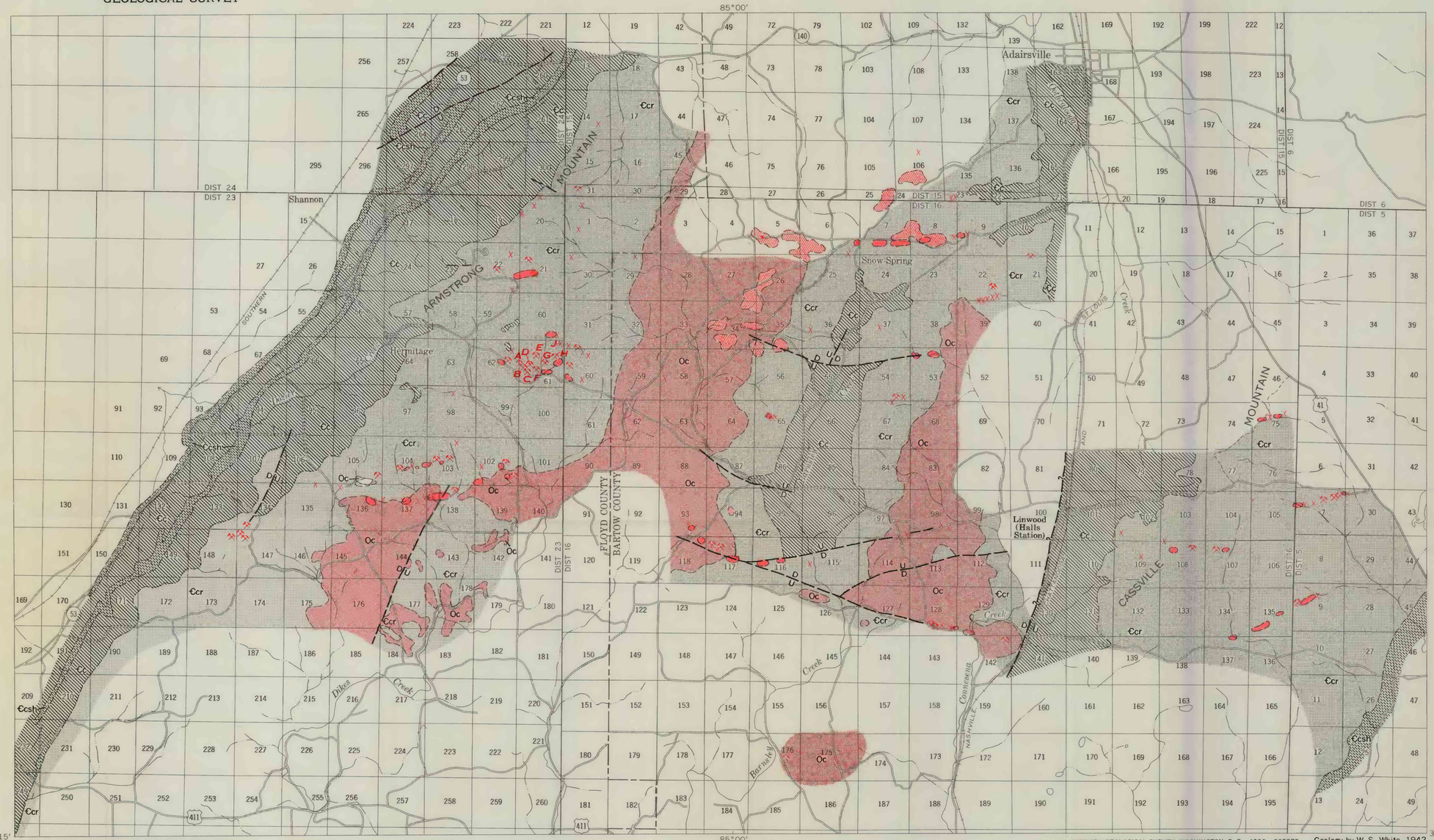
UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

BULLETIN 1199-M
PLATE 1



Base from U.S. Geological Survey topographic quadrangle, Adairsville, 1940 and from aerial photographs

INTERIOR—GEOLOGICAL SURVEY, WASHINGTON, D. C.—1966—G65275

Geology by W. S. White, 1942

GEOLOGIC MAP OF THE HERMITAGE BAUXITE AREA, FLOYD AND BARTOW COUNTIES, GEORGIA

SCALE 1:48 000

1 ½ 0 1 2 3 4 5 MILES

1 .5 0 1 2 3 4 5 KILOMETERS

1° TRUE NORTH MAGNETIC NORTH
APPROXIMATE MEAN DECLINATION, 1966

EXPLANATION

Lower Ordovician	Oc — Chepultepec Dolomite. *Basal part contains abundant sandstone*	ORDOVICIAN
Upper Cambrian, Knox Group	Ccr — Copper Ridge Dolomite. *Base mapped at top of highest shales of Conasauga Formation and may include uppermost part of that formation*	CAMBRIAN
Middle and Upper Cambrian	Ccsh, Cc — Conasauga Formation. *Shale, limestone, and dolomite*. Ccsh, *prominent shale member*	CAMBRIAN

Contact, approximately located

Fault, approximately located. *Queried where probable;* U, *upthrown side;* D, *downthrown side*

Bauxite mine

Prospect showing bauxite or bauxitic clay

186 — Land lot number. *Lot lines sketched from aerial photographs*

Area favorable for discovery of concealed bauxite deposits

Areas near major drainage divides that might contain bauxite deposits

BAUXITE MINES AND PROSPECTS

SECTION 3, DISTRICT 5

Lot	Name
7	Curtis (Merrimac)
9	Akin (Chisolm)
30	Gilreath

SECTION 3, DISTRICT 15

Lot	Name
14	Lot 14
23*	McGuire (prospect)
31*	Pinson
106	Davis 2

*Narrow lots along south edge of district

SECTION 3, DISTRICT 16

Lot	Name
1	Lot 1
6	Davis 1
8	Lot 8
9	Lot 9
10, 21	Terry-Shaw
22	Sheets
29	Hatter
30	Lot 30
31	Lot 31
36	Morrow
37	Lot 37
54	Mary
60	Hardee (2 mines)
65	Holt
75	Scott
97	Montague
98	Green
102	Lot 102
107	Clemmons
108	Warner (Warring)
109	Lot 109
115	Lot 115
117	Julia
128	Conneseena (Felder)
142	McGuire (mine)
175	Lot 175
176	Hawkins (Shaw)

SECTION 3, DISTRICT 23

Lot	Name
20	Lot 20
21 (N½)	Stockade
21 (S½)	Flowery Branch
22 (NE¼)	Grier
22 (SW¼)	Armstrong
60	Lot 60
61	Holland group:
	A. Holland Spring
	B. Discovery
	C. Holland House
	D. Holland Hill
	E. Holland
	F. Church
	G. Southwest Lenning
	H. Northeast Lenning
	J. Lot 61
62	New Holland
98	Lot 98
102 (E½)	Otts (2 mines)
102 (W½)	Lot 102
103	Lot 103 (2 mines)
104	Lot 104
105	Ward
134	Wright (Hight)
136	Watters (prospect)
137 (W½)	Kerce
137 (E½)	Braden
138	Maddox
147	Watters (Perry) (2 mines)
148	Burney