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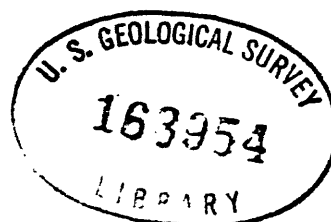
A Magnetic Survey
of the Southern Part of Georgia

Maps in
Map drawer

by
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56-113

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Illustrations

✓ Map of Georgia and a part of Florida showing the locations of the traverses surveyed. (see 2 sections)

✓ Map of Tallahassee Loop Traverse showing stations occupied. ✓

Map of Traverse Q showing stations occupied.

Map of Traverse R showing stations occupied.

Map of Traverse G-1A showing stations occupied.

✓ Map of Traverse G-1 showing stations occupied.

Map of Traverse G-2A showing stations occupied.

Map of Traverse G-2B showing stations occupied.

Map of Traverse G-3 showing stations occupied.

Map of Traverse G-4 showing stations occupied.

Map of Traverse G-5 showing stations occupied.

Map of Traverse G-6 showing stations occupied.

Map of Traverse G-7 showing stations occupied.

included in the above ✓

identifiable landmarks by noting the mileage at the positions of town centers, city limits, railroad crossings, road intersections, school houses, churches, rivers, and the like.

All measurements were tied into the U. S. Geological Survey magnetic station at Gainesville, Florida, used in the previous Florida peninsula survey; for the present survey this station was assumed to have a value of zero gammas. Secondary bases were established at Valdosta, Helena, and Louisville, Georgia. These were carefully correlated with the Gainesville base by at least two interbase measurements, bracketing each base between two readings at the preceding base.

Diurnal corrections for both the base station tie-ins and for the regular traverse measurements were determined by a fixed magnetometer read every twenty minutes during the day at the nearest base station. Traverse station observations were measured by a moving magnetometer. Both instruments were cross-checked once a week through pairs of successive measurements made at the same point by interchanging magnetometer heads on the same tripod.

The sensitivity of the base magnetometer was determined once a week; that of the travelling magnetometer was determined daily.

Traverses were tied into each other and to the base station by means of the method of simultaneous differences. In this method the weekly cross-checks of the two magnetometers were used to determine a

correction factor by which simultaneous readings at two different stations could be converted directly into the intensity difference between the two stations.

The magnetic intensities at the base stations were found by the calibration tie-ins to be as follows, assuming a zero value for the Gainesville, Florida base:

Gainesville, Florida base (assumed).	0 gammas
Valdosta, Georgia, base	1021 gammas
Helena, Georgia, base	1793 gammas
Louisville, Georgia, base	2897 gammas

Precision of measurements. Repeat measurements on different days, often several days apart, were made at numerous stations during the course of the survey. Since in general only two measurements were made at each station, the residuals computed from the arithmetic means of these measurements form a somewhat restricted Gaussian sample. However, it is reasonably safe to assume that the 96 measurements at 45 separate stations constitute a representative set of errors and that the probable error so determined is reasonably significant. The standard deviation for the entire set of measurements is 11.0 gammas and the probable error is ± 7.4 gammas.

Location of Traverses. Traverse Maps. The accompanying map of Georgia and the northern part of the Florida peninsula, shows the location of the twelve traverses occupied by the survey. Detailed strip

maps showing the locations of stations and of tie-in landmarks are also included. Both the maps and the traverse logs show roads and landmarks as they were at the time of the survey in 1940. They are based in large part on transportation maps of that time furnished by the Public Roads Administration of the Federal Works Agency and by the Bureau of Public Roads of the U. S. Department of Commerce. In a few places detours and traverse routes were necessitated over roads not shown on these maps. In such places the roads are scaled in from field notes, oil company maps, or other available sources of information. In using these maps to relocate field stations it should of course be borne in mind that some routes may have been changed and roads relocated since this survey was made.

Description of traverses and tables of data. Detailed logs of the traverses, describing roads followed and landmarks noted, recording mileages and station locations, and listing the observed vertical magnetic intensities in gammas for each station, referred to the Gainesville base as zero, are given below. No latitude or longitude corrections have been made.

Tallahassee Loop Traverse, TL-1

Traverse on U. S. 319 and Florida Routes 12 and 500. Zero point is at the northeast corner of the State Capitol Grounds in Tallahassee, Florida. Mileages were measured from this point.

Miles	Station Number	Vertical [*] Magnetic Intensity in gammas	Remarks
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U. S. 319

0			Northeast corner of State Capitol Grounds
1.1	1	375	
2.2	2	371	
2.6			Road Fork
3.1	3	360	Railroad parallel to highway, 100 ft.
4.1	4	384	
5.1	5	391	
6.1	6	383	
7.1	7	395	
8.1	8	400	
9.0			Woodville, Fla.
9.1	9	408	Fla. Route 354 to left
10.1	10	422	
11.1	11	435	
12.1	12	452	
13.1	13	451	
14.1	14	443	Town limit, Wakulla, Fla.
14.35			Jct. Fla. Route 10
14.55			Crossed railroad
15.1	15	440	
16.1	16	419	
16.7			Wakulla River

^{*} Referred to U. S. G. S. Base, Gainesville, Florida, as zero.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 319</u>			
17.1	17	396	USGS Bench Mark No. 12TN. Reading made 15 paces to southeast on dirt road
17.4			Jct. Fla. Route 175 to Wakulla Springs.
18.1	18	367	
19.1	19	335	
19.7			Road to left to Live Oaks and Spring Creek.
20.1	20	314	
21.1	21	283	
22.1	22	260	
23.1	23	232	
23.65			Crawfordsville, Fla. city limits.
24.1	24	189	
25.1			River
25.2	25	180	
26.1	26	163	
27.1	27	115	
28.1	28	115	
29.1	29	75	
30.1	30	34	
30.6			Jct. Fla. Route 110, to left.
31.1	31	10	
32.1	32	40	
33.1	33	108	
34.1	34	244	
34.1	34A	244	150 ft. farther from the road.
35.1	35	360	
36.1	36	431	
36.25			Oppeppy, Fla.; Jct. Fla. Route 127.
37.1	37	471	
37.6			Railroad parallel to right.
38.1	38	500	
39.1	39	544	
39.7			Oppeppy River.
40.1	40	537	
41.1	41	530	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
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U. S. 319

42.0			Ochlockonee River
42.2	42	546	
43.1	43	543	
44.1	44	545	
45.1	45	551	
46.1	46	549	
47.1	47	524	
47.35			Jct. Fla. Route 110
48.1	48	509	
49.1	49	466	
50.1	50	411	
51.1	51	302	
52.1	52	136	
53.1	53	108	
54.1	54	59	
55.1	55	+15	
56.1	56	-34	At forks of hard surface road.
56.4			Railroad
57.0			Carrabelle, Fla., city limits.
57.1	57	-54	
57.45			Carrabelle, Fla., center of city, intersection Fla. Route 303 to Harbeson City, Fla.
58.1	58	-50	
59.2			New River
59.1	59	-56	
60.1	60	-67	
60.2			Light house to right
61.1	61	-72	
62.1	62	-76	
63.1	63	-91	
64.1	64	-52	
65.1	65	-24	
66.1	66	+26	
67.1	67	95	
68.1	68	137	
69.1	69	233	
69.5			Jct. Fla. Route 12, travers- continues on Route 12 toward Dunatira, Fla.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Fla. Route 12</u>			
70.1	70	315	
71.1	71	239	
72.1	72	255	
73.1	73	+59	
74.1	74	-25	
75.1	75	-30	
76.1	76	-77	
77.1	77	-56	
78.1	78	-63	
78.65			River
79.1	79	-70	
80.1	80	-75	
81.1	81	-117	
82.1	82	-115	
83.1	83	-140	
84.1	84	-136	
85.1	85	-163	
86.1	86	-166	
86.3			Bucks Siding, Fla., railroad crossing.
87.1	87	-135	
88.0			Fire warden's tower, Appalachicola National Forest
88.1	88	-147	
89.05			Fort Gadsden Creek
89.1	89	-143	
90.1	90	-123	
91.1	91	-35	
91.05			Side road to brickyard landing.
92.1	92	-53	
93.1	93	-27	
94.1	94	-5	
95.1	95	44	
96.1	96	21	Sumatra, Fla.
96.15			Railroad crossing; take road via Wilma, Fla.
97.1	97	33	
97.35			Hog Branch
98.1	98	111	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Fla. Route 12</u>			
99.1	99	143	
100.1	100	163	
101.1	101	184	
101.4			Side road to Nero's Place.
102.1	102	195	
103.1	103	223	
104.1	104	259	
104.5			West Prong
105.1	105	287	
106.1	106	321	
106.25			Side road to right to Jewel Tower.
106.45			Cliff Lake
107.1	107	353	
108.1	108	391	
109.05			Wilma Fla., railroad crossing; Jct. Fla. Route 135 to right to Vilas, Fla.
109.1	109	393	
109.5			Rowlette's Creek.
109.6			C.C.C. Camp Fla. FS, Co. 1445
109.8			Road to left to river.
110.1	110	424	
111.1	111	457	
112.1	112	484	
113.1	113	525	
114.1	114	564	
115.1	115	606	
115.95			Side road to right to Mercer Tower and Vilas, Fla.
116.1	116	670	
116.4			T-intersection, turn right towards Bristol, Fla.
116.65			Gully Creek
117.1	117	721	
117.65			Little Gully Creek
118.1	118	804	
118.3			Leave Appalachian National Forest.
119.1	119	857	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Fla. Route 12</u>			
120.1	120	387	
121.1	121	914	
122.1	122	914	
123.1	123	916	
124.1	124	913	
125.1	125	903	
125.3			Side road to right.
126.1	126	941	
127.1	127	949	
128.1	128	976	
128.9			Lake Mystic Church.
129.1	129	975	
130.1	130	1017	
131.1	131	1047	
131.6			Fristol, Fla., intersection Fla. Route 500; traverse continues after right turn onto latter.
<u>Fla. Route 500</u>			
131.95			Jct. Fla. Route 12 to north.
132.1	132	1061	
133.1	133	1071	
134.1	134	1079	
134.7			Telogia River.
135.1	135	1113	
136.1	136	1122	
137.1	137	1122	
138.1	138	1132	
139.1	139	1139	
140.1	140	1154	
141.1	141	1170	
142.1	142	1156	
142.9			Hostford, Fla., cross-roads.
143.1	143	1122	
143.25			Railroad crossing.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Fla. Route 500</u>			
144.1	144	1092	
145.1	145	1040	
146.1	146	988	
147.1	147	955	
148.1	148	900	
149.1	149	830	
150.1	150	753	
151.1	151	690	
151.7			Ochlockonee River.
152.1	152	645	
153.1	153	619	
154.1	154	531	
155.1	155	597	
156.1	156	606	
157.1	157	599	
158.1	158	639	
159.1	159	698	
159.3			School on right.
160.1	160	713	
161.1	161	719	
162.1	162	695	
163.1	163	689	
164.1	164	694	
165.1	165	692	
166.1	166	677	
167.1	167	626	
168.1	168	581	
169.1	169	518	
170.1	170	463	
171.1	171	432	
171.45			Railroad crossing

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Fla. Route 500</u>			
172.1	172	430	
172.25			Tallahassee Airport.
173.1	173	398	
174.0			Railroad crossing.
174.2	174	405	
174.3			Tallahassee, Fla., city limits.
175.6			Northeast corner State Capitol grounds.
176.7	1	375	1 repeat.

TRAVERSE 2

Traverse from Bristol, to Ft. George, Fla. Mileages measured from
Traverse zero at intersection of Fla. Routes 12 and 500 in Bristol, Fla.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Fla. Route 12</u>			
0	1	1056	Intersection Fla. 12 and Fla. 500 in Bristol, Fla.
1.0	2	1106	
2.0	3	1105	
3.0	4	1145	
3.35			Fire lookout tower west of road.
4.0	5	1152	
5.0	6	1193	
6.0	7	1203	
<u>River Road</u>			
6.4			Turn northwest on River Road via Rock Bluff.
7.0	8	1203	
8.0	9	1252	
9.0	10	1328	
10.0	11	1444	
10.2			Cross-road; Rock Bluff.
10.6			Church and grave yard.
11.0	12	1491	
12.0	13	1519	
13.0	14	1500	
13.35			Road to left.
14.0	15	1475	
14.2			Creek.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>River Road</u>			
15.0	16	1413	
16.0	17	1352	
16.35			Y-fork in road; take left branch.
17.0	18	1340	
18.0	19	1250	
19.0	20	1106	
20.0	21	914	
20.25			Road to right.
21.0	22	797	
21.3			Road to right.
22.0	23	679	
23.0	24	699	
24.35			Railroad crossing; River Jct.
25.0	25	673	
25.75			Jct. U. S. 90; traverse continues to east on U. S. 90.
<u>U. S. 90</u>			
26.2	26	671	
26.65			Railroad crossing.
27.0	27	521	
28.0	28	458	
29.0	29	577	
30.0	30	555	
30.3			Road to north.
31.0	31	529	Church and cemetery.
32.0	32	572	
33.0	33	567	
34.0	34	570	
35.0	35	603	
35.7			Cross-road to Wardaway.
36.0	36	623	Cross-road to Mt. Pleasant.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 90</u>			
37.0	37	691	
38.0	38	741	
38.75			Gretna
39.0	39	790	Church
40.0	40	837	
41.0	41	855	
41.55			Jct. Fla. Route 12.
42.0	42	887	
43.0	43	905	
44.0	44	925	
44.65			Railroad crossing.
45.55			Center of Quincy.
46.1	45	971	
46.45			Creek
47.0	46	1074	
47.9			Side road left.
48.0	47	1047	
49.0	48	1091	
49.9			Railroad crossing (Littman?)
50.0	49	1089	
50.6			Little River
51.0	50	1090	
51.45			Railroad
52.0	51	1073	
53.0	52	1051	
54.0	53	1014	
55.0	54	926	
55.7			Railroad
55.75			Jct. U. S. 90 and U. S. 27. Traverse north on U. S. 27 toward Havana and Winston.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 27</u>			
56.0	55	336	
56.3			Railroad crossing.
56.5			Second branch U. S. 27.
57.1	56	374	
57.15			Havana; traverse on right road fork. Bridge out across Ochlockonee River on Hinson-Meridian Road so traverse on dirt road to Bradfordville road, south of Lake Lamonia.
<u>Dirt Road</u>			
57.9			Cross-roads.
58.0	57	351	
59.0	58	790	
60.0	59	773	
61.0	60	743	
61.25			Side road left.
61.35			Ochlockonee River.
61.7			T-intersection; traverse on left road.
62.0	61	632	
63.0	62	672	
64.0	63	653	
65.0	64	629	
66.0	65	603	
66.25			T-intersection, traverse on right road towards Bradfordville.
66.3			School.
66.95			Road intersection; traverse left.
67.0	66	626	
68.0	67	607	
69.0	68	571	
70.0	69	563	
70.4			Church.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Dirt Road</u>			
71.0	70	552	
71.35			U. S. 319; traverse to north.
<u>U. S. 319</u>			
71.5			Bradfordville, Fla.
72.0	71	564	
73.0	72	570	
74.0	73	573	
75.0	74	592	
76.0	75	603	
76.45			School.
77.0	76	627	
78.0	77	633	
79.0	78	644	
79.55			Iamonia.
79.9			Dirt road to Metcalf, turn right.
<u>Dirt Road</u>			
80.0	79	649	
81.0	80	636	
82.0	81	719	
82.35			Church.
83.0	82	660	
Dirt road impassable because of rains; returned to U. S. 319 at mileage 79.9, continued to north toward Peachton, Ga.			

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 319</u>			
79.9			Intersection U. S. 319 and dirt road to Metcalf.
80.0	33	653	
80.55			Fla. - Ga. State Line.
81.0	34	663	
82.0	35	624	
83.0	36	691	
83.95			Side road to right.
84.0	37	634	
84.2			Cross-roads.
84.75			Intersection U. S. 319 and dirt road to Metcalf, turn right towards Metcalf.
<u>Metcalf dirt road</u>			
85.0	38	694	
86.0	39	694	
87.0	90	710	Road forks, take right fork.
88.0	91	714	
88.35			School.
89.0	92	703	Cross-roads.
90.0	93	707	
91.0	94	714	
92.0	95	704	
92.25			Cross-roads.
93.0	96	707	
93.35			Metcalf; turn left at cross-road.
93.45			Turn right across railroad.
<u>Metcalf Boston dirt road</u>			
94.0	97	703	
94.7			V intersection; take right fork.
95.0	98	673	Take right fork.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Metcalf Boston dirt road</u>			
96.0	99	713	
97.0	100	715	
98.0	101	710	
99.0	102	711	
100.0	103	697	Station is 0.1 mile west of inter- section of Metcalf-Boston Road with U. S. 19, 13.9 miles north of Monticello, Fla.
100.1			Intersection U. S. 19, 13.9 miles north of Monticello, Fla.
101.0	104	748	
102.0	105	805	
103.0	106	764	
103.65			Road fork.
<u>Dirt Road</u>			
104.0	107	758	
			Wrong fork taken at 103.65 miles; return to Metcalf-Boston road and take Boston fork.
<u>Metcalf Boston dirt road</u>			
103.65			Road fork; take Boston fork.
104.0	108	768	
104.60			Take right road fork.
105.0	109	721	
105.5			Take left road fork.
106.0	110	691	
106.35			Church.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Metcalf-Boston dirt road</u>			
107.0	111	686	
107.9			Cross-roads.
108.0	112	740	
108.15			Intersection Ga. Route 133.
<u>Ga. Route 133</u>			
109.0	113	672	
109.3			Road to right
110.0	114	543	
111.0	115	644	
111.45			Cross-roads.
111.75			Road fork, take right fork. Linton Pond on left.
112.0	116	726	
113.0	117	753	
113.35			Church.
113.55			Cross-roads; turn right.
114.0	118	714	
114.6			Cross-roads.
115.0	119	736	
115.1			Enter Fla. Ga. Route 133 becomes Fla. Route 291.
<u>Fla. Route 291</u>			
116.0	120	716	
116.9			Road to left.
117.0	121	740	
118.0	122	729	
118.75			Road to left. School.
119.0	123	766	
120.0	124	762	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Fla. Route 291</u>			
120.3			Road to right.
121.0	125	764	Stuck in mud; return to mileage 120.3 and take road to west.
120.3			Take road to west.
<u>Side Road to West</u>			
121.0	126	787	
121.45			Intersection U. S. 19; turn south.
<u>U. S. 19</u>			
122.0	127	770	
123.0	128	736	
124.0	129	742	City limits Monticello, Fla.
124.35			Court House.
<u>U. S. 90</u>			
125.15			Turn left at railroad for Ashville, Fla.
<u>Monticello-Ashville- Lovett Road</u>			
125.3			Cross railroad.
126.0	130	692	
127.0	131	704	
128.0	132	690	
128.5			Road forks; take left fork.
129.0	133	650	
130.0	134	634	
131.0	135	663	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Monticello-Ashville- Lovett Road</u>			
132.0	136	645	
132.5			Cross-roads.
132.65			Church and school.
133.0	137	652	
133.75			Road to right.
134.0	138	653	
134.95			Aucilla River.
135.0	139	670	
135.75			School.
136.0	140	619	
137.0	141	610	
138.0	142	593	
139.0	143	635	
139.4			Church and school.
139.65			Road to right.
140.0	144	612	
140.2			Ashville; W-S cross-roads.
141.0	145	621	
142.0	146	664	
143.0	147	673	
144.0	148	656	
145.0	149	645	
145.3			Lovett; railroad crossing.
<u>Lovett-Cherry Lake</u>			
146.0	150	638	
147.0	151	602	
147.6			Cross-roads.
148.0	152	579	
148.35			Side road.
148.4			Cross-roads.
149.0	153	566	
149.9			Cross-roads.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Lovett-Cherry Lake</u>			
150.0	154	696	
151.0	155	593	
151.6			Side road to left.
152.0	156	590	
153.0	157	610	
153.65			Side road to left.
154.0	158	631	
155.0	159	643	
155.1			Cherry Lake; intersection Lovett-Cherry Lake Road with Fla. Route 9.
<u>Cherry Lake- Pinetta Road</u>			
155.45			Cross-roads.
156.0	160	633	
157.0	161	612	
157.4			Cross-roads.
158.0	162	612	
159.0	163	616	
159.5			Railroad crossing; intersection with Fla. Route 106, Pinetta-Madison high- way. Turn left to Pinetta.
<u>Fla. Route 106</u>			
160.0	164	635	
160.4			Pinetta; cross-roads.
160.55			Cross-roads; turn right.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Pinetta-Bellville road</u>			
161.0	165	655	
161.1			Side road to left.
162.0	166	660	
163.0	167	656	
163.9			Cross-roads.
164.0	168	634	
164.95			Cross-roads.
165.0	169	679	
165.0	170	713	
166.35			Withlacoochee River.
166.6			Bellville, Fla.; cross-roads.
<u>Bellville-Jennings</u>			
167.0	171	716	
168.0	172	741	
168.55			Side road to left.
169.0	173	773	
170.0	174	782	
170.55			T intersection; go left.
171.0	175	781	
172.0	176	813	Road forks, right to Jasper, left to Jennings; take left fork.
173.0	177	773	
174.0	178	850	
175.0	179	876	
176.0	180	904	
176.25			Y intersection; take left fork.
177.0	181	921	
178.0	182	931	
178.2			Jennings, Fla.; U. S. 41 intersection.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Fennings-Statenville</u>			
178.35			Railroad crossing.
179.0	183	956	
179.75			Road forks; turn right.
180.0	184	957	
180.65			Bridge.
181.0	185	958	Side road left.
182.0	186	957	
183.0	187	997	
184.0	188	992	
184.1			Side road left.
185.0	189	1032	
186.0	190	1074	
187.0	191	1105	
187.15			Jct. Ga. Route 94.
<u>Ga. Route 94</u>			
188.0	192	1095	
188.55			Alapaha River.
188.8			Statenville, Ga.; Jct. Ga. Route 11.
189.0	193	1008	Station taken in middle of street near edge of town.
190.0	194	1090	
191.0	195	1097	
192.0	196	1081	
193.0	197	1062	
194.0	198	1052	
195.0	199	1020	
195.1			Tarver, Ga.; Railroad crossing and Fire Tower.
196.0	200	1059	
197.0	201	1060	
198.0	202	1053	
199.0	203	1047	
200.0	204	1041	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>La. Route 94</u>			
201.0	205	1039	
202.0	206	1040	
203.0	207	1019	
203.35			Side road to left.
204.0	208	1015	
205.0	209	994	
205.3			Side road to right.
206.0	210	936	
207.0	211	971	
208.0	212	965	
208.2			Side road to left.
209.0	213	947	
210.0	214	915	
211.0	215	893	
212.0	216	863	
213.0	217	859	
214.0	218	833	
214.4			Side road to right.
215.0	219	806	
216.0	220	818	Cross-roads.
216.55			Stream.
217.0	221	824	
217.35			C. C. C. Camp.
218.0	222	823	
218.05			Fargo, Ga., Railroad Station and intersection Ga. Route 89.

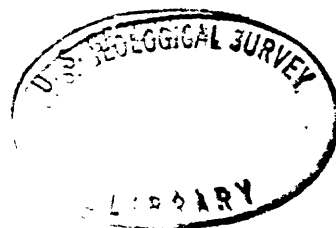
La. Route 89

218.3			Suwanee River.
219.0	223	813	
220.0	224	802	
220.55			Cross-roads.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 39</u>			
221.0	225	801	
222.0	226	822	Cross-roads.
223.0	227	830	
224.0	228	842	
224.7			Little Suwanee River.
225.0	229	828	
226.0	230	817	
227.0	231	805	
227.3			Fire Tower.
227.9			Ga.-Fla. State Line Ga. Route 39 becomes Fla. Route 32.

Fla. Route 32

228.0	232	802	
229.0	233	794	
230.0	234	771	
231.0	235	758	
232.0	236	749	
233.0	237	749	
234.0	238	744	
235.0	239	737	
236.0	240	732	
237.0	241	706	
238.0	242	738	Cross-road, air beacon No. 5.
239.0	243	820	
240.0	244	831	
241.0	245	836	
242.0	246	868	
243.0	247	866	
244.0	248	835	
245.0	249	822	
246.0	250	836	
247.0	251	811	



Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>. Route 32</u>			
243.0	252	796	
244.0	253	303	
250.0	254	731	
250.35			Turn east on dirt road through Osceola National Forest, 5 miles north of intersection of Fla. Route 32 with U. S. 41.
<u>to Road</u>			
<u>Taylor</u>			
251.0	255	719	
251.3			Enter Osceola National Forest.
252.0	256	732	
252.2			Robinson's Branch.
252.25			Y intersection, take right fork.
253.0	257	737	
253.9			Cross-roads.
254.0	258	777	
255.0	259	807	
255.5			Cross-roads.
256.0	260	794	Greenfield Fire Tower.
257.0	261	756	
257.0	262	664	
257.35			Cross-roads.
258.0	263	642	
258.0	264	605	
259.25			Turpentine Still and Y intersection; take left fork.
261.0	265	583	
262.0	266	611	
263.0	267	532	
264.0	268	616	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Dirt Road to Taylor</u>			
264.6			Fire Tower.
265.0	269	623	
266.0	270	619	
267.0	271	633	
268.0	272	637	
269.0	273	619	
269.6			Cross-roads.
270.0	274	622	
271.0	275	610	
272.0	276	603	
273.0	277	614	
274.0	278	619	
274.6			T intersection; turn right.
274.9			Y intersection, take left fork.
			Taylor Fire Tower, 1/4 mile to right.
275.0	279	632	
276.0	280	642	
277.0	281	634	
278.0	282	630	
278.9			Leave Osceola National Forest.
279.0	283	615	
279.45			Taylor, Fla.; Road forks, take left branch.
<u>Taylor-Paxter dirt road</u>			
280.0	284	600	
280.25			Creek.
280.7			Road forks, take left branch towards Paxter.
281.0	285	591	
282.0	286	594	
283.0	287	611	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Taylor-Baxter dirt road</u>			
234.0	238	631	
235.0	239	655	
236.0	290	675	Baxter, Fla.; Railroad crossing.
236.1			Road intersection, turn right.
236.4			North Prong St. Mary's River; Fla.- Ga. State Line.
<u>Ga. Route 94</u>			
236.7			Moniac, Ga.; intersection Ga. Route 94; turn left towards St. George, Ga. Railroad parallels road more or less closely from Moniac to mileage 313.15.
237.0	291	704	
238.0	292	735	
239.0	293	733	
290.0	294	761	
291.0	295	766	
292.0	296	777	
293.0	297	790	
293.5			Clarking, Ga.
294.0	298	300	
295.0	299	313	
296.0	300	331	
297.0	301	345	
298.0	302	343	
298.2			St. George, Ga.; intersection Ga. Route 23.
299.0	303	341	
299.5			St. Mary's River; Ga.-Fla. State Line.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Kent-Dinsmore road</u>			
300.0	304	852	
300.95			Cross-roads.
301.0	305	856	
302.0	306	845	
302.6			Kent, Fla.
303.0	307	821	
304.0	308	797	
305.0	309	776	
306.0	310	739	
307.0	311	717	
307.3			Crawford, Fla., cross railroad.
308.0	312	696	
308.1			Intersection Fla. Route 13.
309.0	313	665	
310.0	314	639	
310.75			Road forks; take right fork.
310.3			Railroad crossing.
311.0	315	628	
312.0	316	623	
313.0	317	630	
313.15			Railroad crossing.
314.0	318	627	
315.0	319	672	
315.7			Old U. S. 1; Railroad and Power Line; turn south.
<u>Old U. S. 1</u>			
316.0	320	635	
317.0	321	624	
318.0	322	660	Dinsmore, Fla.
319.1			Turn to east on intersecting road.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Cross-road</u>			
313.3			Railroad crossing.
313.7			Intersection with New U. S. 1.
313.35			Bridge.
319.0	323	649	
320.0	324	634	
321.0	325	638	
322.0	326	615	
322.55			Intersection with Fla. Route 133.
323.0	327	592	
324.0	328	534	
325.0	329	561	
326.0	330	547	
326.3			Intersection with U. S. 17; Railroad crossing; turn right on U. S. 17.
<u>U. S. 17</u>			
326.8			Jacksonville Airport.
327.0	331	512	
328.0	332	376	Maybe pipe interference.
328.1			Intersection Toll Road; turn east off U. S. 17.
<u>Toll Road</u>			
328.6			Toll Gate.
329.0	333	493	
330.0	334	435	
330.2			Railroad crossing.
331.0	335	436	
331.4			Bridge.
332.0	336	430	
332.6			Bridge.
333.0	337	479	
333.55			Cross-road.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Oil Road</u>			
334.0	338	439	
334.6			Bridge.
335.0	339	433	
335.7			Bridge.
336.0	340	430	
337.0	341	475	
337.2			Fire Tower.
337.35			Bridge.
338.0	342	473	
339.0	343	477	
340.0	344	515	
340.6			Inland Waterway Draw-bridge; Sisters Creek.
341.0	345	526	Pilot town, Ft. George, Fla.
342.0	346	484	
343.0			Ft. George Post Office.
343.2	347	436	Side road right.
344.0	348	504	
344.55	349	515	

TRAVERSE R

Traverse from near Kent, Fla. to near Fernandina, Fla. Mileages measured from traverse zero at fork of River Road and Hilliard Road, north of Kent, Fla.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Hilliard Road</u>			
0.0	1	395	Forks of River Road and Hilliard Road, north of Kent, Fla.
1.0	2	391	
2.0	3	378	
3.0	4	370	
4.0	5	363	
5.0	6	353	
5.45			Side road to right; go left.
6.0	7	843	
7.0	8	840	
7.5			Side road to left.
7.6			T-intersection; go right.
8.0	9	330	
8.3			Hilliard, Fla.; Railroad.
<u>Hilliard-Yulee Road</u>			
8.45			Intersection with U. S. 1.
8.95			Side road to left.
9.0	10	329	
9.3			Side road to right.
10.0	11	346	
11.0	12	848	
12.0	13	835	
13.0	14	329	
14.0	15	329	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Hilliard-Yulee Road</u>			
15.0	16	323	
15.2			Cross-roads.
16.0	17	821	
16.95			Side road to left.
17.0	18	809	
18.0	19	804	
19.0	20	805	
20.0	21	794	Side road left.
21.0	22	782	
21.2			Railroad crossing.
22.0	23	772	
23.0	24	762	
24.0	25	748	
24.7			Railroad crossing.
24.75			Intersection with U. S. 17; turn right toward Yulee, Fla. Railroad parallel to highway from 24.75 miles to Yulee.
<u>U. S. 17</u>			
25.0	26	739	
26.0	27	731	
27.0	28	735	
28.0	29	739	
29.0	30	735	
29.35			Yulee, Fla.; turn left on Fla. Route 13.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Fla. Route 13</u>			
30.0	31	793	
31.0	32	741	
31.2			Creek.
32.0	33	741	
33.0	34	732	
34.0	35	713	
35.0	36	715	
36.0	37	707	
37.7			Drawbridge.
37.0	38	707	
38.0	39	705	
38.55			Cross-roads.
39.0	40	695	
39.65			Fernandina, Fla., city limits.
40.7			Turn right.
41.0	41	721	
42.1	42	723	
42.5	43	716	

TRAVERSE G-1A

Traverse from Shellbine, Ga. to near Folkston, Ga. Mileages
measured from traverse zero at Cabin Bluff, Shellbine, Ga.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Shellbine-Colesburg Road</u>			
0.0	1	376	Cabin Bluff, Shellbine, Ga.
1.0	2	919	
2.0	3	940	
3.0	4	956	
3.15			Cross-roads.
4.0	5	974	
5.0	6	965	
6.0	7	966	
6.05			Cross-roads.
7.0	8	982	
8.0	9	992	
9.0	10	1013	
10.0	11	989	
11.0	12	987	
11.75			Guardhouse gate and road to right.
12.0	13	981	
13.0	14	972	
14.0	15	983	
<u>Colesburg-Silco- Folkston Road</u>			
14.3			Colesburg; Jct. U. S. 17.
14.7			Railroad crossing.
15.0	16	966	
16.0	17	964	
16.75			Cross-roads.
17.0	18	950	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Dolesburg-Silco- Folkston Road</u>			
18.0	19	926	
19.0	20	923	
19.8			T intersection, go left.
20.0	21	903	
21.0	22	917	
22.0	23	926	
22.6			Side road left.
23.0	24	899	
24.0	25	872	Silco (?), Ga.
25.0	26	865	
26.0	27	856	
27.0	28	837	
28.0	29	825	
28.35			Portion of Ga. Route 40 being repaired; detoured from 28.35 to 30.7 over a temporary Ga. Route 40 about 1/4 mile west of hard surface road. No such town as Coleraine seen; crossed unfinished road at 28.35.
<u>Ga. Route 40</u>			
28.6			T intersection, turn right on Ga. Route 40.
29.0	30	823	
30.0	31	837	
30.7			Turned back onto new Ga. Route 40.
31.0	32	853	
32.0	33	854	
33.0	34	857	
34.0	35	840	
35.0	36	860	
36.0			Folkston, Ga.; intersection U. S. 1.
<u>Ga. Route 23</u>			
36.3	37	855	0.3 miles north of Folkston, on Ga. Route 23.

TRAVERSE G-1

Traverse from Sea Island Beach to Ga.-Ala. line near Saffold, Ga.

Mileages measured from traverse zero in dunes east of hotel and north of Casino grounds, Sea Island Beach, St. Simons Island.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Sea Island-Brunswick road</u>			
0.0	1	1118	
1.0	2	1096	
2.0	3	1086	
3.0	4	1035	
4.0	5	1107	
5.0	6	1103	
5.1			Inter-coastal waterway. Mackay River.
5.35			
6.0	7	1095	
7.0	8	1137	
7.25			Back River.
8.0	9	1163	
9.0	10	1176	Shore end of causeway.
9.15			Brunswick, Ga.; Jct. U. S. 17.
<u>U. S. 17</u>			
10.1			Railroad.
10.6			Center of town, Brunswick, Ga.
11.1	11	1089	
11.3			Railroad.
11.4	12	1075	
11.55			Intersection U. S. 17 and U. S. 341
12.0	13	1042	
12.0	14	1037	On causeway.
12.55			Turtle River.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 17</u>			
17.0	15	1095	
18.0	16	1114	
19.0	17	1137	
19.7			South Brunswick River.
20.0	13	1156	
21.0	19	1134	
21.1			Jct. U. S. 34; turn right on U. S. 34.
<u>U. S. 34</u>			
22.0	20	1137	
23.0	21	1092	
23.45			Cross-roads.
24.0	22	1143	
25.0	23	1156	
26.0	24	1192	
27.0	25	1145	
27.15			Colley Creek.
27.5			Side road right.
28.0	26	1177	
29.0	27	1165	
30.0	28	1160	
30.4			Railroad crossing.
31.0	29	1161	
32.0	30	1156	
33.0	31	1169	
33.2			Cross-road; Glynn-Brantley County Line.
34.0	32	1174	
35.0	33	1192	
35.6			Waynesville, Ga; cross-roads.
36.0	34	1166	
37.0	35	1197	
37.55			Fire Tower.
38.0	36	1232	
39.0	37	1250	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 84</u>			
40.0	33	1354	
40.1			Satilla River.
41.0	39	1435	
42.0	40	1435	
43.0	41	1403	
44.0	42	1355	
45.0	43	1349	
46.0	44	1322	
46.4			Nahunta, Ga., city limits.
47.0	45	1286	
47.1			Nahunta center, cross-roads.
47.3			Railroad-crossing.
48.0	46	1311	
49.0	47	1259	
50.0	48	1210	
51.0	49	1191	
52.0	50	1163	
53.0	51	1150	Trail Ridge Fire Tower.
54.0	52	1115	
55.0	53	1103	
56.0	54	1100	
56.2			Hoboken, Ga., Jct. Ga. Route 121.
57.0	55	1125	
58.0	56	1129	
59.0	57	1103	
59.45			Big Creek.
60.0	58	1067	
60.2			Schlatterville, Ga.; cross-roads.
60.3			Brantley-Ware County Line.
61.0	59	1066	
62.0	60	1057	
63.0	61	1090	
64.0	62	1114	
65.0	63	1172	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 34</u>			
66.0	64	1204	
67.0	65	1239	
68.0	66	1247	
68.7			Waycross, Ga., city limits.
69.1	67	1203	
70.2			Jct. U. S. 1; railroad.
71.0			Railroad crossing.
72.0	68	1279	
73.0	69	1326	
73.15			Fire tower.
74.0	70	1431	
75.0	71	1453	
76.0	72	1421	
77.0	73	1383	
78.0	74	1335	
79.0	75	1288	
80.0	76	1237	
81.0	77	1205	
81.1			Big Alligator Creek.
81.5			Little Alligator Creek.
82.0	78	1186	
83.0	79	1232	
84.0	80	1203	
85.0	81	1130	
85.5			Manor, Ga.; cross-roads.
86.0	82	1109	
87.0	83	1087	
88.0	84	1072	
88.8			Ware-Clinch County Line.
89.0	85	1064	
90.0	86	1070	
90.4			Argyle, Ga.
91.0	87	1074	
92.0	88	1061	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 34</u>			
93.0	89	1031	
94.0	90	1031	
95.0	91	1072	
96.0			Swamp; railroad.
96.3	92	1123	
96.35			Homerville, Ga., center.
97.25	93	1074	
98.0	94	1084	
99.0	95	1107	
99.35			Jct. Ga. Route 37.
100.0	96	1113	
101.0	97	1108	
102.0	98	1111	
103.0	99	1112	
104.0	100	1103	
105.0	101	1095	
105.3			DuPont, Ga.; cross-roads.
106.0	102	1101	
107.0	103	1106	
108.0	104	1125	
109.0	105	1125	
110.0	106	1122	
111.0	107	1101	
112.0	108	1077	
113.0	109	1067	
113.65			Stockton, Ga.
114.0	110	1052	
114.1			Jct. Ga. Route 11.
115.0			Fill on swamp, steel fence.
115.35	111	1055	
116.05			Alapaha River.
116.1	112	1023	
117.0	113	1027	
118.0	114	1030	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 34</u>			
113.35			Railroad.
113.7			Naylor, Ga.; cross-roads.
119.0	115	1003	
119.3			Grand Bay Creek.
120.0	116	1009	
121.0	117	1014	
122.0	113	1031	
122.45			Cross-roads.
122.7			Delmar, Ga.; Fire Tower.
123.35	119	1025	
124.0	120	1021	
125.0	121	1019	
126.0	122	1011	
127.0	123	993	
128.0	124	1020	
129.0	125	1047	
130.0	126	1067	
131.0			Valdosta, Ga.; railroad crossing.
131.75			Jct. U. S. 41
132.4			Railroad.
132.7			Railroad.
133.0	127	1062	
134.0	123	1073	
135.0	129	1080	
136.0	130	1075	
137.0	131	1067	
138.0	132	1057	
138.75			Railroad crossing.
139.0	133	1052	
140.0	134	1031	
141.0	135	1012	
141.45			Cross-roads.
142.0	136	996	
142.35			Withlacoochee River.
143.0	137	987	Station at base of Hill.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>N. S. 84</u>			
144.0	138	985	
144.15			Railroad.
145.0	139	953	Swamp.
146.0	140	922	
147.0	141	917	
148.0	142	899	
148.5			Okapilco Creek.
149.0	143	875	
149.95			Quitman, Ga., Jct. Ga. Route 33.
150.0			Railroad crossing.
151.0	144	820	
152.0	145	794	
153.0	146	781	
154.0	147	746	
155.0	148	769	
156.0	149	776	
157.0	150	753	Dixie, Ga.
157.75			Railroad crossing.
158.0	151	761	
158.1			Piscola Creek.
159.0	152	755	
160.0	153	750	
160.35			Cross-roads.
161.0	154	747	
162.0	155	732	
163.0	156	759	
164.0	157	760	
165.0	158	760	
165.65			Boston, Ga.; cross-roads.
166.0	159	733	
166.2			Railroad crossing.
167.0	160	762	
168.0	161	764	
169.0	162	746	
169.65			Cross-roads.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 84</u>			
170.0	163	737	
171.0	164	734	
172.0	165	730	
173.0	166	733	Cross-roads.
174.0	167	793	
175.0	168	791	
176.0	169	794	
176.3			Thomasville, Ga., city limits.
177.9			Thomasville, Ga., center of town.
178.8			Railroad crossing.
179.25	170	736	
180.0	171	795	
181.0	172	812	
182.0	173	830	
182.3			Ochlockonee River.
183.0	174	863	
184.0	175	835	
184.9			Barnetts Creek.
185.0	176	827	
186.0	177	755	At edge of road.
186.0	177A	828	100 feet south of Station 177.
186.35			Cross-roads.
187.0	178	855	
188.0	179	851	
189.0	180	854	
190.0	181	849	
190.7			Cross-roads.
191.0	182	812	
192.0	183	865	Edge of Cairo, Ga.
193.1			Jct. Ga. Route 93.
193.4	184	808	
194.0	185	(1033)	Near power line and transformer station.
195.0	186	882	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 84</u>			
196.0	187	859	
197.0	188	828	
197.2			Side road to right.
198.0	189	846	
199.0	190	830	
200.0	191	829	
200.2			Side road to right.
200.25			Railroad crossing.
200.9			Whigham, Ga.; center of town.
201.0	192	796	
202.0	193	801	
203.0	194	804	
204.0	195	794	
205.0	196	776	
206.0			Railroad crossing.
206.1	197	778	
207.0	198	754	Cross-roads in swamp.
207.35			Climax, Ga., cross-roads.
208.0			Railroad crossing.
208.1	199	745	
209.0	200	749	
210.0	201	766	
211.0	202	750	
212.0	203	757	
212.35			Cross-roads.
213.0	204	778	
214.0	205	733	
215.0	206	733	
215.3			Jct. U. S. 27
216.4			Bainbridge, Ga., center of town.
217.9			Flint River.
217.45			Railroad crossing.
218.0	207	820	
218.3			U. S. 27 turns north.
219.0	208	857	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>T. S. 34</u>			
220.0	209	358	
221.0	210	357	
222.0	211	333	
223.0	212	312	
224.0	213	355	
225.0	214	957	
226.0	215	1162	
226.0	215A	1175	Sta. is 100 ft. west of Sta. 215.
226.55	216	1332	
227.0	217	1465	
227.1			Erinson, Ga.; cross-roads.
227.35	218	1593	
227.9			Spring Creek.
229.0	219	1699	
230.1	220	1734	Magnetic pebbles in soil.
231.0	221	1732	Cross-road.
232.0	222	1726	
232.8			Iron City, Ga.
233.1	223	1535	
234.0	224	1477	
235.0	225	1422	
236.0	226	1399	
237.0			Donalsonville, Ga.; edge of town.
237.3			Donalsonville, Ga., center of town.
238.5	227	1546	
239.0	228	1579	
240.1	229	1609	
241.0	230	1593	
242.1	231	1623	
243.0	232	1625	
244.1	233	1553	
244.25			Jakin, Ga.
245.0	234	1621	Cross-roads.
246.0	235	1747	
246.1			Creek.
247.0	236	1743	
248.0	237	1594	Saffold, Ga.
248.6			Chattahoochee River; Ga.-Ala. boundary.

TRAVERSE G-2A

Traverse from west of Hilton, Ga. to Willacoochee, Ga. Mileages measured from traverse zero at Chattahoochee River Bridge, west of Hilton, Ga., Ga. Route 62.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 62</u>			
0.0			Unable start line at river due to road construction.
0.35	1	1271	
1.0	2	1258	
1.95			Church.
2.0	3	1262	
2.35			Railroad-crossing.
2.95			Hilton, Ga.
3.1	4	1291	
3.4			Hilton School.
4.0	5	1302	
5.0	6	1368	
6.15	7	1344	
7.0	8	1395	
7.4			Railroad crossing.
8.0	9	1352	Outcrop of dense, fossiliferous ls.
9.0	10	1401	
10.0	11	1430	
11.0	12	1436	
12.0	13	1522	
13.0	14	1568	
13.3			Blakely, Ga., center of town.
<u>Ga. Route 1</u>			
14.0			Road to Arlington closed; detour via Ga. Route 1 and dirt road.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 1</u>			
14.25			Railroad.
14.9	15	1652	North edge of town.
16.3	16	1701	
18.0	17	1742	
19.0	18	1737	
20.0	19	1722	
20.7			Leave Ga. Route 1 and U. S. 27; turn to right on dirt road.
<u>Dirt Road to Arlington</u>			
21.0	20	1761	
22.0	21	1712	
23.0	22	1735	
24.0	23	1687	
25.0	24	1692	
26.0	25	1602	
27.0	26	1634	
28.0	27	1535	
28.5			T intersection, turn right.
29.0	28	1511	
30.0	29	1476	
30.3			Arlington, Ga., edge of town.
30.45			Arlington, Ga., center of town.
<u>Arlington- Elmwood Road</u>			
30.55			Railroad crossing.
31.0	30	1471	
31.55			Turn right.
32.0			Railroad crossing.
32.1	31	1441	
32.0	32	1391	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Arlington- Elmodel Road</u>			
34.1	33	1367	
34.95			Cross-road.
35.0	34	1336	
36.0	35	1295	
37.0	36	1263	
37.4			Side road to right.
37.65			Side road to right.
38.0	37	1263	
39.1	38	1270	
40.0	39	1290	
40.55			Side road to right.
41.0	40	1276	
41.4			School on left.
42.0	41	1271	
42.1			Cross-roads.
43.0	42	1297	
43.3			River.
43.45			Milford, Ga.
44.0	43	1297	
45.0	44	1274	
46.0	45	1289	
46.35			Side road to right.
47.0	46	1352	
47.7			Jct. Ga. Route 37, turn right on Route 37.
<u>Ga. Route 37</u>			
48.0			Chickasawhatchee River.
49.1	47	1366	
49.5			Elmodel, Ga.
49.8	48	1351	
50.0	49	1333	
51.0	50	1363	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 37</u>			
52.0	51	1378	
53.0	52	1407	
53.95			Cross-roads.
54.0	53	1443	
55.0	54	1561	
56.0	55	1700	
57.1			Newton, Ga.; Jct. Ga. Route 91.
57.5			Flint River.
57.65	56	1683	
58.45			Cross-road.
59.0	57	1568	
60.0	58	1553	
61.0	59	1515	
62.0	60	1416	
63.0	61	1403	
64.0	62	1372	
65.0	63	1316	
66.0	64	1270	
66.75			Jct. U. S. 19.
66.8			Camilla, Ga., center of town.
67.3			Railroad.
67.5			Jct. U. S. 19.
67.9	65	1230	
69.0	66	1227	
70.0	67	1227	
70.45			Cross-road.
71.0	68	1287	Many ferruginous pebbles.
71.0	68A	1217	300 ft. southwest of Sta. 63.
72.0	69	1225	Ferruginous pebbles in soil.
73.0	70	1214	No ferruginous pebbles seen in soil.
73.6			Cross-roads.
74.0	71	1203	
75.0	72	1222	
75.1			Side road.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 37</u>			
76.0	73	1246	
77.0	74	1280	
78.0	75	1286	Jct. Ga. Route 93.
78.75			Railroad.
79.0	76	1251	
80.0	77	1285	Cross-roads.
81.0	78	1312	Graveyard on right.
81.55			Hartsfield, Ga.
82.0	79	1271	
82.9			Cross-roads.
83.0	80	1314	
84.0	81	1335	
85.0	82	1297	
85.2			Cross-roads.
86.0	83	1254	
87.0	84	1209	
88.0	85	1204	
88.55			Funston, Ga., cross-roads.
89.0	86	1160	
90.0	87	1153	
91.0	88	1132	
92.0	89	1110	
92.5			Jct. Ga. Route 111.
92.6			Ochlockonee River.
93.9			Moultrie, Ga., center of town.
94.6	90	1174	
95.0	91	1179	
96.15	92	1145	
96.45			Cross-roads.
97.05			Railroad.
97.1	93	1205	
98.0	94	1237	
99.0	95	1231	
100.0	96	1340	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
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Ga. Route 37

101.0			Railroad.
101.1	97	1415	
101.2			Pineboro, Ga.
102.0	98	1512	
103.0	99	1617	
104.0	100	1662	
105.0	101	1671	
106.0	102	1670	
106.75			Cross-roads.
107.0	103	1642	
108.0	104	1639	
109.0	105	1611	
109.4			Little River.
110.0	106	1560	
111.0	107	1512	
112.0	108	1444	
113.0	109	1444	
114.0	110	1466	
114.5			Side road to left.
115.0	111	1492	
116.0	112	1500	
116.3			Adel, Ga.; railroad crossing.

Ga. Route 76

116.9			Jct. U. S. 41.
117.35	113	1461	
118.0	114	1451	
118.3			Side road to right.
119.0	115	1410	
120.0	116	1401	
121.0	117	1424	
122.0	118	1444	
122.2			School.
122.55			Side road to left.

Miles	Station- Number.	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 76</u>			
123.0	119	1551	
124.0	120	1471	Cross road.
125.0	121	1569	
126.0	122	1637	
127.0	123	1716	
128.0	124	1786	
128.55			Cross road.
129.0	125	1907	Jct. Ga., Route 11.
129.6			Nashville, Ga.; center of town.
<u>Nashville- Willacoochee road</u>			
130.0	126	1933	
130.7			Y-intersection, take right fork.
131.0	127	1941	
131.05			Y-intersection, take left fork.
132.0	128	2034	
133.0	129	2075	
134.0	130	2069	
135.0	131	2073	
136.0	132	1975	
137.0	133	1901	
138.0	134	1832	
139.0	135	1743	
140.0	136	1709	
140.7			Cross roads.
141.0	137	1673	
142.0	138	1634	
143.0	139	1578	
144.0	140	1546	
145.0	141	1466	
145.1			Side road to right.
145.15			Alapaha River.
145.7	142	1509	
145.75			Jct. Ga. Route 50, railroad crossing.
			Willacoochee, Ga.

TRAVERSE G-2E

Traverse from Waycross, Ga. to Chattahoochee River near Georgetown, Ga. Mileages measured from traverse zero at junction of U. S. 1 and Ga. Route 50 in Waycross, Ga.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 50</u>			
0			Jct. U. S. 1 and Ga. Route 50, Waycross, Ga.
0.5			Railroad; railroad is approximately parallel to and south of highway to Tifton, Ga.
1.9	1	1291	
2.75			Kettle Creek.
3.0	2	1273	
4.0	3	1339	
5.0	4	1298	
6.0	5	1317	
7.0	6	1300	
7.25			Cox Creek.
7.4			Waresboro, Ga.
8.0	7	1320	
9.0	8	1329	
10.0	9	1309	
10.2			Sideroad to left.
10.9			Fullwood Creek.
11.0	10	1313	
12.0	11	1342	
13.0	12	1325	
13.5			Side road left.
14.0	13	1307	
15.0	14	1236	
16.5			Side road left.
17.0	15	1257	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 50</u>			
17.0	16	1278	
17.7			Perch Creek.
18.0	17	1252	
19.0	18	1262	
20.0	19	1224	
21.0	20	1181	
21.9			Red Bluff Creek.
22.0	21	1157	
23.0			Axson, Ga. cross-roads.
23.1	22	1127	
24.15	23	1108	
25.0	24	1138	
26.0	25	1145	
27.0	26	1138	
28.0	27	1162	
29.0	28	1267	
30.15			Pearson, Ga.; cross-roads.
30.35	29	1539	
30.35	29A	1532	100 ft. north of station 29.
31.0	30	1735	
32.0	31	1300	
33.0	32	1961	
33.6			Kirkland, Ga.
34.0	33	2141	
35.0	34	2229	
36.0	35	1986	
37.0	36	1720	
38.0	37	1566	
39.0	38	1472	
40.0	39	1500	
41.0	40	1514	
41.15			Jct. Ga. Route to Douglas.
41.55			Railroad; Willacoochee, Ga.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 50</u>			
42.2	41	1477	
42.3			Jct. Ga. Route 135 to south.
43.0	42	1512	
44.0	43	1531	
44.9	44	1545	
45.5			Willacoochee Creek.
46.2	45	1547	
47.0	46	1526	
48.0	47	1513	
49.0	48	1507	
50.0	49	1504	
51.0	50	1531	Side road to right.
51.2			Alapaha River.
52.0	51	1587	
53.0	52	1633	Jct. Ga. Route 11 to south; Alapaha, Ga.
54.0	53	1319	
54.1			Jct. Ga. Route 11 to north.
55.0	54	2041	
56.0	55	2356	
56.35			Cross-roads.
57.0	56	2491	
58.0	57	2253	
59.0	58	2093	
59.55			Enigma, Ga.; cross-roads.
60.2	59	2060	
61.0	60	2051	
62.0	61	2103	
63.0	62	2126	
63.3			Brookfield, Ga.; cross-roads.
64.0	63	2139	
65.0	64	2132	
66.0	65	2020	
66.4			Cross-roads.
67.0	66	2070	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 50</u>			
68.0	67	2157	
69.0	68	2160	
69.2			Jct. Ga. Route 35.
69.9			Y-intersection.
70.15			Railroad.
70.6			Tifton, Ga.; Jct. U. S. 41.
70.7			Railroad.
71.3	69	2167	
71.6			Jct. Ga. Route 35 to south.
72.0	70	2123	
73.0	71	1964	
74.0	72	1621	
75.0	73	1395	
76.0	74	1253	
77.0	75	1280	
78.0	76	1293	
79.0	77	1309	
79.65			Ty Ty, Ga.; cross-roads.
80.0	78	1338	
81.0	79	1306	
82.0	80	1340	
83.0	81	1353	
84.0	82	1389	
85.0	83	1399	
86.0	84	1429	Sumner, Ga., center of town.
87.0	85	1433	
88.0	86	1449	
88.65			Poulan, Ga., railroad crossing.
89.0	87	1437	
89.2			Poulan, Ga., Center of town.
90.0	88	1466	
90.8			Warrior Creek.
91.0	89	1439	
92.0	90	1437	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 50</u>			
92.3			Sylvester, Ga., railroad.
92.6			Jct. Ga. Route 33.
93.0	91	1490	
94.0	92	1519	
95.0	93	1537	
96.0	94	1543	
97.1	95	1566	
98.0	96	1570	
99.0	97	1600	
100.0	98	1641	
101.0	99	1639	
102.0	100	1631	
102.3			Acree, Ga.
103.0	101	1619	
104.0	102	1636	
105.0	103	1674	
106.1	104	1687	
107.0	105	1676	
108.0	106	1674	
108.7			Jct. Ga. Route 133 to north.
109.0	107	1724	
110.0	108	1724	
111.0			Albany, Ga. city limits.
111.5			Railroad crossing.
111.35			Flint River.
111.5			Jct. U. S. 19.
113.55			Railroad crossing.
114.0	109	1773	
115.0	110	1774	
116.0	111	1772	
117.0	112	1795	Magnetic pebbles on surface.
117.0			Dougherty-Lee County Line.
118.0	113	1742	
119.0	114	1717	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 50</u>			
120.0	115	1758	
121.0	116	1832	
122.0	117	1932	Side road right to Leesburg, Ga.
123.0	118	1941	
124.0	119	1932	
125.0	120	1895	
126.0	121	1359	
127.0	122	1881	Cross-road.
127.6			Sasser, Ga.; center of town.
128.0	123	1972	
128.9	124	2037	
129.3			Chickasawhatchee Creek.
130.0	125	1980	
131.0	126	1983	
132.0	127	1951	
133.0	128	1943	
134.0	129	1936	
134.6			Dawson, Ga.; Jct. Ga. Route 113.
135.2			Jct. Ga. Route 55 to north.
136.0	130	1898	
137.0	131	1366	
137.3			Jct. Ga. Route 55 to south.
138.0	132	1842	
138.65			Railroad crossing.
139.2	133	1365	
139.25			Graves, Ga.
140.0	134	1871	
141.0	135	1845	
142.0	136	1820	
142.1			Big Ichawaynochaway Creek.
143.0	137	1862	
143.5			Side road to right.
144.0	138	1869	
144.7			Jct. Ga. Route 41 to north.
144.8			Little Ichawaynochaway Creek.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 50</u>			
145.0	139	1798	
145.6			Jct. Ga. Route 41 to south.
146.0	140	1806	
147.0	141	1765	
148.0	142	1761	
149.0	143	1730	
150.0	144	1692	
151.0	145	1704	
152.0	146	1755	
153.0	147	1757	Many very magnetic pebbles.
154.0	148	1698	
155.0	149	1648	
156.1			Cuthbert, Ga.; Jct. U. S. 27.
156.6			Railroad.
157.0	150	1551	
158.0	151	1556	Side road to right.
159.0	152	1543	
160.0	153	1534	
161.0	154	1622	
162.0	155	1602	
163.0	156	1544	
164.0			Springvale, Ga.
164.15			Cross-roads.
164.2	157	1553	
165.0	158	1561	
166.0	159	1677	
167.0	160	1743	
167.65			Side road to right.
168.0	161	1608	
169.0	162	1582	
170.7			Pataula Creek.
170.0	163	1523	
171.0	164	1501	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 50</u>			
171.2			Cross-roads.
172.0	165	1485	
173.0	166	1521	
174.0	167	1527	
175.0	168	1595	
176.0	169	1524	
177.0	170	1506	
177.6			Jct. Ga. Route 39.
178.0	171	1516	
178.95			Jct. Ga. Route 27.
179.0	172	1479	
179.55			Georgetown, Ga., center of town.
180.0	173	1498	
181.0	174	1440	
181.25			Chattahoochee River.

TRAVERSE G-3

Traverse from south of Midway, Ga. to near Cordale, Ga. Mileages measured from traverse zero at Jct. Ga. Route 38 and U. S. 17, south of Midway, Ga.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 17</u>			
0.0	1	1598	
1.0	2	1629	
2.0	3	1591	
3.0	4	1604	
3.9			Riceboro River.
4.05	5	1588	
5.0			Riceboro, Ga.; railroad crossing.
5.1	6	1549	
6.0	7	1544	
7.0	8	1551	Swamp, station on shoulder of road.
8.0	9	1521	
9.0	10	1510	
10.0	11	1434	
11.0	12	1431	
11.75			Liberty-McIntosh County Line.
11.35			South Newport River.
12.0	13	1468	
12.55			Jones, Ga.
13.0	14	1456	
14.0	15	1430	
15.0	16	1422	
16.0	17	1409	
17.0	18	1392	
18.0	19	1379	
18.3			Side road to left.
19.1	20	1356	
19.45			Sapelo River.
19.75			Eulonia, Ga., Jct. Ga. Route 22.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 17</u>			
20.0	21	1312	
21.0	22	1347	
22.0	23	1332	
22.35			Side road to right.
23.0	24	1303	
24.0	25	1300	
25.0	26	1270	
26.0	27	1269	
27.0	28	1257	
28.0	29	1219	
29.0	30	1211	
30.0	31	1191	
31.0	32	1170	
31.5			Darien, Ga.; Jct. Ga. Route 131.
31.8			Bridge
32.2	33	1133	
32.35			Putler River.
33.2	34	1160	On Putler Island Causeway.
34.0	35	1194	On Butler Island Causeway.
34.1			Cross Champney Creek.
34.3			Altamaha River.
35.2	36	1130	
36.0	37	1176	
37.0	38	1158	
38.0	39	1120	
39.0	40	1084	
40.0	41	1043	
41.0	42	1045	
42.0	43	1036	
42.3			Side road to right.
43.1	44	1024	
44.0	45	1024	
45.0	46	1038	
46.0	47	1067	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 17</u>			
46.5			Brunswick, Ga., city limits.
46.9			Railroad crossing.
47.1	48	1113	
49.1			Brunswick, Ga., center of city.
53.1			Jct. U. S. 17 and U. S. 341; turn right.
<u>U. S. 341</u>			
53.2	49	1032	
54.2	50	1062	
55.0	51	1089	
56.0	52	1129	
56.2			Side road to right.
56.7			Railroad crossing.
57.0	53	1143	
57.6			Detour 0.4 miles to north, then parallel to highway for 0.9 miles, then back 0.4 miles to highway at 59.3 miles.
58.0	54	1142	At bend in detour.
59.0	55	1163	On detour, 0.3 miles north of highway.
59.3			End of detour.
60.0	56	1153	
61.0	57	1159	
61.2			Railroad crossing; railroad parallels highway to Jesup, Ga.
62.0	58	1176	
62.6			Zuta, Ga.
63.0	59	1193	
63.05			Fire Tower.
64.0	60	1213	
64.25			Hunter, Ga.
65.0	61	1197	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 341</u>			
66.0	62	1163	
66.6			Belle Vista, Ga.
67.0	63	1143	
68.15	64	1153	
68.3			Everett City, Ga. railroad crossing.
69.0	65	1159	
70.0	66	1184	
70.5			Glynn-Wayne County Line.
71.0	67	1208	
72.0	68	1222	
72.55			Mt. Pleasant, Ga.
73.0	69	1239	
73.35			Pigeon Roost Creek.
74.0	70	1244	
74.7			Akin, Ga.
75.0	71	1261	
76.0	72	1281	
77.0	73	1303	
77.3			Grangerville, Ga.
78.0	74	1313	
79.0	75	1316	
79.55			Pendarvis, Ga.
80.0	76	1330	Side road to left.
81.1	77	1337	
82.0	78	1353	
82.55			Gardi, Ga.
83.0	79	1360	
84.0	80	1383	
85.0	81	1381	
86.3	82	1403	
87.0	83	1417	
88.0	84	1424	
88.3	85	1417	At edge of Jesup, Ga.
89.4			Jesup, Ga., center of town.
89.55			Met. with Ga. Route 34; turn south on Route 38.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 33</u>			
90.0	86	1424	
91.0	87	1435	
92.0	88	1433	
93.0	89	1430	
93.9			Side road to right.
94.0	90	1428	
95.0	91	1416	
96.0	92	1414	
97.0	93	1403	
98.0	94	1401	
99.0	95	1419	
100.0	96	1443	
101.0	97	1457	
102.0			Screven, Ga.
102.5	98	1465	
103.0	99	1494	
104.0	100	1517	
105.0	101	1592	
105.15			Little Satilla River.
106.0	102	1586	
107.0	103	1619	
108.0	104	1666	
109.0	105	1751	
109.8			Offerman, Ga.; railroad crossing.
110.0	106	1923	
111.0	107	1979	
112.0			Patterson, Ga., Jct. Ga. Route 32, turn right on Route 32. A. T. and C. RR parallels road rather closely. Patterson to Alma, Ga.
<u>Ga. Route 32</u>			
112.15	108	1616	
113.0	109	1663	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 32</u>			
114.0	110	1744	
115.0	111	1721	
116.0	112	1659	
117.0	113	1658	
118.0	114	1739	
118.1			Bristol, Ga., cross-roads.
119.0	115	1852	
120.0	116	1844	
120.2			Mershon, Ga., cross-roads.
121.0	117	1715	
122.0	118	1670	
122.95			Sharp right turn, begin detour parallel to A. E. and C. RR.
123.0	119	1661	
123.2			A. E. and C. RR crossing.
124.1	120	1710	
125.0	121	1631	
125.4			Railroad crossing.
125.7			Coffee, Ga.
126.0	122	1634	
126.9			Railroad crossing.
127.0	123	1626	
127.3			Railroad crossing.
128.0	124	1650	
128.3			End of detour.
129.0	125	1631	
130.0	126	1657	
130.15			Cross-roads.
131.0	127	1676	
132.0			Bridge.
132.1	128	1636	
133.0	129	1532	
134.0	130	1537	
134.25			Side road to right.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 32</u>			
135.0	131	1502	
135.7			Alma, Ga.; Jct. U. S. 1, turn right.
135.8			Turn left on Ga. Route 32.
136.25			Alma Courthouse.
136.40	132	1465	
137.0	133	1477	
138.0	134	1457	
139.0	135	1420	
139.9			Guysie, Ga.; railroad crossing.
140.0	136	1410	
140.7			Little Hurricane Creek.
141.0	137	1424	
142.0	138	1447	
143.0	139	1503	
143.9			Bacon-Coffee County Line.
144.0	140	1570	
145.0	141	1582	Magnetic pebbles on ground.
145.75			Hog Creek.
146.0	142	1530	
146.4			Nichols, Ga.
147.0	143	1506	
148.0	144	1489	
149.0	145	1493	
150.0	146	1500	
151.0	147	1720	
152.0	148	2040	
152.75			Otter Creek.
153.0	149	2243	
153.25			Seventeen Mile Creek.
154.0	150	2235	
155.0	151	2353	
156.0	152	2443	
157.0	153	2512	
158.0	154	2525	
159.1			Douglas, Ga., city limits.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 32</u>			
159.2			Jct. Ga. Route 31.
160.0	155	2324	
161.0	156	2214	
162.0	157	2174	
163.0	158	2231	
164.0	159	2217	
165.0	160	2099	
165.25			A. B. and C. RR crossing.
166.0	161	2238	
167.0	162	2123	
168.0	163	2146	
169.0	164	2121	Cross-roads.
170.0	165	2187	
170.7			Cross-roads.
171.0	166	2209	
171.4			Wiggins Creek.
172.0	167	2203	
173.0	168	2169	
173.25			Cross-road.
174.0	169	2086	
175.0	170	1970	Side road to right.
176.0	171	1341	
177.0	172	1711	
178.0	173	1626	
179.0	174	1585	Cross-roads.
179.4			Bridge.
180.0	175	1462	
181.0	176	1533	Magnetic pebbles on ground.
182.0	177	1543	
182.1			Cross-roads.
183.0	178	1533	
183.55	179	1507	East edge of Ocilla, Ga.
183.85			Ocilla, Ga., railroad crossing.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 32</u>			
184.0			Ocilla, Ga., center of town, Jct. Ga. Route 11 south.
184.15			Ocilla, Ga., Jct. Ga. Route 11 north.
185.0	130	1434	
186.0	131	1403	Side road to right.
187.0	132	1396	
188.0	133	1394	
189.1	134	1321	
189.4			School on right.
189.8			Mystic, Ga.; railroad crossing.
190.0	135	1298	
191.0	136	1284	
191.55			Jct. Ga. Route 107; turn left for Ga. Route 32.
192.0	137	1283	
193.0	138	(921)	
193.4			Irwinville, Ga.
194.0	139	1269	
194.5			Side road to right.
195.0	190	1265	
196.0	191	1254	Station on high fill across swamp. Road intersection, take right fork.
196.4			
197.0	192	1266	
198.0	193	1224	Magnetic pebbles on ground.
199.0	194	1217	Magnetic pebbles on ground.
200.0	195	1271	Magnetic pebbles on ground.
201.0	196	1252	
202.0	197	1233	
203.0	198	1249	
204.0	199	1310	
204.56			Cross-road.
205.0	200	1351	
205.55			Church.
206.6			Cross-road.
207.0	201	1405	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 32</u>			
207.0	202	1442	
207.25			Cross-road.
208.0	203	1460	
209.0	204	1512	
209.6			Jct. U. S. 41; turn right on U. S. 41.
<u>U. S. 41</u>			
209.9			Sycamore, Ga., railroad parallel and rather close to highway from Sycamore to Cordele, Ga.
210.1	205	1511	
211.0	206	1519	Cross-roads.
212.0	207	1522	
212.6			Ashburn, Ga., center of town.
213.15	208	1498	
214.0	209	1493	
215.0	210	1480	
216.0	211	1435	Cross-roads.
216.15			Railroad crossing.
216.7			Deep Creek.
217.0	212	1479	
218.1	213	1436	
218.55			Side road to left.
219.0	214	1503	
219.7			Sidley, Ga.
220.0	215	1517	
220.5			Turner-Crisp County Line.
221.0	216	1556	
222.0	217	1557	
223.0	218	1679	Arabi, Ga.
224.0	219	1745	
225.0	220	1703	
226.0	221	1747	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 41</u>			
226.75			Cross-road.
227.0	222	1766	
223.0	223	1739	
223.2			Wenona, Ga.
222.6			Jct. Ga. Route 33.
229.0	224	1825	
230.0	225	1338	Jct. Ga. Route 90.
230.3			Cedar Creek.
231.0	226	1317	
231.9			Cordele, Ga., city limits.
232.0	227	1736	
232.6			Jct. with Ga. Route 30 and U. S. 230.

TRAVERSE G-4

Traverse from Florence, Ga. to Savannah, Ga. Mileages measured from traverse zero at intersection of River Road and Florence-Lumpkin Road, Florence, Ga.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Florence-Lumpkin Road</u>			
0.0	1	1548	Jct. with River Road; Chattahoochee River bottoms.
0.3			Side road left.
1.0	2	1541	
2.0	3	1521	
3.0	4	1563	
4.0	5	1574	
5.0	6	1516	
6.0	7	1549	
7.0	8	1538	
8.0	9	1626	
8.55			Providence Canyons, Ga.
9.0	10	1553	
9.15			Side road to right.
10.0	11	1526	
11.0	12	1536	
12.0	13	1557	
13.0	14	1534	
14.0	15	1530	
15.0	16	1560	
15.95			Jct. with U. S. 27.
<u>U. S. 27</u>			
16.0	17	1573	In school yard at west edge of Lumpkin, Ga.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 27</u>			
17.0	18	1600	
18.0	19	1597	
19.0	20	1598	
20.0	21	1656	
21.0	22	1624	
22.0	23	1652	
23.0	24	1633	
24.0	25	1659	
24.45			Richland, Ga.; railroad crossing.
24.7			Jct. with Ga. Route 55 and U. S. 280.
<u>U. S. 280</u>			
24.3			Railroad crossing.
25.15	26	1616	
26.0	27	1635	
27.0	28	1639	
27.75			Side road left.
27.3			Side road left.
28.0	29	1593	
29.0	30	1621	
30.0	31	1651	
31.0	32	1693	
31.4			Hard-surfaced roadway begins.
31.95			Kinchafoonee River.
32.0	33	1674	
33.0	34	1814	
33.75			Preston, Ga.; Jct. Ga. Route 41.
34.0	35	1807	
35.0	36	1742	
35.7			Lennahassee Creek.
36.0	37	1713	
37.0	38	1636	
37.25			Hog Creek.
37.65			Side road to right.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 280</u>			
38.0	39	1683	
38.5			Choctawhatchee Creek.
39.0	40	1702	
40.0	41	1703	Webster-Sumter County Line.
41.0	42	1678	
41.3			Side road to right.
42.0	43	1702	
42.8			Plains, Ga.
43.0	44	1725	
44.0	45	1687	
45.0	46	1703	
46.0	47	1677	
47.0	48	1638	
48.0	49	1636	
49.0	50	1703	
49.25			Cross-roads.
50.0	51	1675	
50.75			Jct. Ga. Route 49.
51.0	52	1731	
51.25			Side road to left.
51.75			Jct. U. S. 19.
52.0	53	1747	
52.25			Muckalee Creek.
52.75			Railroad crossing.
52.9	54	1691	West edge of Americus, Ga.
53.2			Americus, Ga., center of town.
54.25	55	1750	East edge of Americus, Ga.
56.0	56	1811	
57.0	57	1843	Magnetic pebbles on ground.
58.0	58	1846	Magnetic pebbles on ground.
59.0	59	1924	
60.0	60	1946	
60.25			Church to right; cross-roads.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 280</u>			
61.0	61	2167	
61.3			Side road to right.
62.0	62	2017	
63.0	63	1960	
64.0	64	1966	
65.0	65	1906	Side road to right.
65.55			Leslie, Ga.; side road to right.
66.0	66	1837	
67.0			Desoto, Ga.
67.05	67	1882	
68.0	68	1397	
69.0	69	1862	
70.0	70	1334	
71.0	71	1336	
71.45			Cobb, Ga.
72.0	72	1373	
73.0	73	1341	
74.0	74	1369	
74.3			Flint River.
75.0			High fill across pond.
75.4	75	1355	
76.0	76	1353	
77.0	77	1385	
78.0	78	1330	Church on left.
78.3			Railroad crossing.
78.5			Side road to right.
79.0	79	1353	
80.0	80	1378	
81.0	81	1356	
82.0	82	1327	
82.5			Side road to right.
83.0	83	1773	
83.3			Cordele, Ga., city limits.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 230</u>			
83.95			Railroad crossing.
84.0			Jct. with Ga. Route 7 and Ga. Route 90.
84.5	34	1306	
85.0	35	1349	
85.5			Side road to right.
86.0	36	1390	
87.0	37	1943	
88.0	38	1380	End of pavement.
88.3			Railroad crossing.
89.0	39	1375	
90.0	90	1904	
91.0	91	1914	
91.45			Cross-roads.
92.0	92	1910	
92.4			Y-intersection; take left fork.
93.0	93	1923	
93.4			Railroad crossing.
93.5			Side road to left.
94.0	94	1944	
94.95	95	1961	
96.0	96	1996	
97.0	97	2011	
98.0	98	1996	Edge of Pitts, Ga.
98.95	99	1950	
99.1			Railroad.
100.0	100	1944	
101.0	101	1943	
101.35			Cross-roads.
102.0	102	1931	
103.0	103	1390	
103.5			Rochelle, Ga., city limits.
103.9	104	1375	
104.2			Jct. Ga. Route 112.
105.0	105	1387	
105.25			Railroad crossing.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 230</u>			
106.0	106	1372	
107.0	107	1351	
108.0	108	1342	
109.0	109	1303	
110.0	110	1305	
111.0	111	1334	
112.0	112	1830	
113.0	113	1812	
113.6			Abbeville, Ga., Jct. Ga. Route 11.
114.0	114	1793	
114.7	115	1734	
115.15			Ocmulgee River.
115.4			Wilcox-Dodge County Line.
116.0	116	1736	
117.0	117	1744	
117.5			Cross-road.
118.0	118	1730	
119.0	119	1715	
120.0	120	1710	
120.45			Rhine, Ga.
120.60			Side road to left.
121.0	121	1701	
122.0	122	1709	
123.0	123	1724	
123.15			Railroad crossing.
124.0	124	1732	
124.3			Cross-roads.
125.0	125	1710	
126.0	126	1715	
127.0	127	1703	
128.0	128	1636	
128.7			Hard surface; cross-road.
129.9	129	1692	
129.0			Milan, Ga.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 280</u>			
130.0	130	1690	
131.0	131	1721	
132.0	132	1725	
133.0	133	1738	
134.1	134	1755	
135.0	135	1746	
136.0	136	1748	
137.0	137	1759	
138.0	138	1763	
138.35			Jct. Ga. Route 31.
138.6			Sugar Creek.
139.0	139	1755	McRae, Ga., city limits.
139.7			McRae, Ga., center of town, Jct. Ga. Route 27 and U. S. 341; turn right on U. S. 341.
<u>U. S. 341</u>			
140.25	140	1745	
141.0	141	1792	
142.0	142	1766	
143.0	143	1774	
144.1	144	1757	
144.2			Cross-roads.
145.0	145	1761	
146.0	146	1737	
147.0	147	1736	
148.0	148	1723	
149.0	149	1712	
149.55			Cross-roads.
150.0	150	1716	
151.0	151	1691	
152.0	152	1690	
153.0	153	1675	
153.25			Sugar Creek.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 341</u>			
154.0	154	1686	
155.0	155	1661	
156.0			Railroad crossing.
156.1	156	1641	
156.4			Lumber City, Ga.
156.6			Jct. with Ga. Route 15 and Ga. Route 117.
156.3			Railroad crossing.
157.0	157	1637	
157.35			Ocmulgee River.
158.0	158	1631	
159.0	159	1618	
160.0	160	1607	
161.0	161	1598	
162.0	162	1592	
163.0	163	1589	
163.5			Hazelhurst, Ga.; Jct. with Ga. Route 15 and Ga. Route 135.
163.9			Railroad crossing.
164.2	164	1593	
165.0	165	1612	
166.0	166	1629	
167.0	167	1658	
168.0	168	1675	
169.0	169	1683	
169.7			Graham, Ga.
170.0	170	1687	
171.0	171	1630	
172.0	172	1669	
173.0			Pine Grove, Ga.
173.1	173	1643	
174.0	174	1646	
175.0	175	1620	
176.0	176	1590	
177.0	177	1584	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 341</u>			
178.0	178	1578	
179.0	179	1558	
179.5			Paxley, Ga.; Jct. U. S. 1.
180.0	180	1557	
181.0	181	1544	
182.1	182	1553	
183.0	183	1551	
184.0	184	1549	
185.0	185	1555	
186.0	186	1543	
187.0	187	1532	
188.0	188	1520	
189.0			Surrency, Ga.; cross-roads.
189.15	189	1515	
189.55			Fire Tower.
190.0	190	1529	
191.0	191	1547	
192.0	192	1554	
193.0	193	1533	
193.35			Railroad crossing.
194.0	194	1511	
194.35			Cross-roads.
195.0	195	1515	
196.0	196	1513	
197.0	197	1498	
198.0	198	1525	
199.0	199	1513	
200.0	200	1523	
200.5			Odum, Ga.; railroad station. Railroad close to highway which is bordered by swamp; hence some irregularity in station spacing.
201.1	201	1525	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 341</u>			
202.0	202	1533	
203.15	203	1542	
204.0	204	1531	
205.0			Nesbit, Ga.
205.05	205	1493	
206.0	206	1493	
207.0	207	1508	
208.0	208	1438	
208.65			Fire Tower.
209.0	209	1466	Jct. Ga. Route 169; swamp; on road fill.
209.7			Jesup, Ga.; Jct. Ga. Route 38; turn left on Ga. Route 38.
<u>Ga. Route 38</u>			
210.0	210	1401	
210.1			Railroad crossing.
211.0	211	1457	
212.0	212	1484	
213.0	213	1499	
214.0	214	1494	
214.7			Altamaha River.
215.0	215	1505	Station on causeway due to flooded sides.
216.0	216	1512	On causeway because of flooded sides.
217.0	217	1542	
218.0	218	1539	On fill.
219.0	219	1563	On fill.
220.0	220	1520	
221.0	221	1575	
221.1			Endowici, Ga.; Jct. Ga. Route 23.
222.0	222	1592	
223.0	223	1603	
224.0	224	1614	
225.0	225	1619	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 38</u>			
226.0	226	1633	
226.2			Cross-roads.
227.0	227	1650	
228.0	228	1655	
228.95			Walthourville, Ga.; Lambert, Ga., Post Office.
229.10	229	1654	
230.0	230	1658	
231.0	231	1673	
232.0	232	1702	
233.0	233	1720	
234.0	234	1741	
234.3			Hinesville, Ga.; Jct. Ga. Route 67.
235.0	235	1769	
236.0	236	1733	
237.0	237	1777	
238.0	238	1772	
239.0	239	1729	
239.75			McIntosh, Ga.; railroad crossing.
240.0	240	1701	
241.0	241	1684	
242.0	242	1664	
242.1			Side road to right.
243.0	243	1663	
243.3			School on right.
244.0	244	1633	
245.0	245	1662	
245.3	246	1598	Jct. U. S. 17, near Midway, Ga. approximately same point as station 1, Traverse G-3.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 17</u>			
246.2			Church.
247.0	247	1670	
248.0	248	1696	
249.0	249	1692	
250.0	250	1705	
251.0	251	1737	
252.2	252	1754	
253.2	253	1760	
254.0	254	1774	
255.0	255	1785	
256.0	256	1788	
257.0	257	1803	
258.0	258	1846	
258.1			Railroad crossing.
258.35			Jct. Ga. Route 63.
259.1	259	1811	
260.0	260	1837	
261.0	261	1842	
261.35			Ogeechee River.
262.0	262	1845	
263.0	263	1839	
264.0	264	1827	
265.0	265	1836	
266.05	266	1823	
267.0	267	1863	
268.0	268	1890	
269.0	269	1903	
270.0	270	1955	
271.0	271	1951	
271.45			Railroad crossing.
271.55			Side road right.
272.0	272	1976	
273.15			Railroad crossing.
273.45			Railroad crossing.
273.6	273	1973	Savannah, Ga., edge of town.

TRAVERSE G-5

Traverse from Savannah, Ga. to Columbus, Ga. Mileages measured from traverse zero at "Central Junction", west edge of Savannah, Ga., on U. S. 80.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 80</u>			
0.0	1	1974	At "Central Junction", west edge of Savannah, Ga., on highway U. S. 80.
1.0	2	2012	
2.0	3	1998	
3.0	4	2000	
4.1	5	1984	
5.1			Railroad.
5.2	6	1989	
6.0			Pooler, Ga.
6.1	7	1967	
7.0	8	1981	
8.0	9	1979	
9.0	10	1954	
10.0	11	1969	
11.0	12	1979	
11.8			Side road to right, Chatham-Effingham County Line.
12.0	13	1937	
13.0	14	1929	
14.0	15	1955	
15.0	16	1953	
15.2			Eden, Ga., railroad crossing.
16.0	17	1972	
17.0			Bridge.
17.05	18	1989	
17.3			Ogeechee River.
18.0	19	1981	
18.7			Blythe, Ga. Jct. U. S. 80 and U. S. 280; take U. S. 280 to left.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>I. S. 280</u>			
19.0	20	1986	
20.0	21	1938	
21.0	22	1919	
22.1	23	1907	
22.2			Black Creek.
23.0	24	1898	
23.55			Mill Creek.
24.0	25	1397	
25.0	26	1900	
26.0	27	1886	
26.2			Lanier, Ga.
27.3	28	1916	Stations between swamp and railroad, hence irregular spacings.
28.0	29	1943	
29.15	30	1964	
30.40	31	2029	
31.1			Pembroke, Ga.
31.60	32	2070	
32.0	33	2036	
33.0	34	1991	
34.0	35	1963	
35.0	36	1981	
36.2	37	1930	
37.05	38	1952	
38.0	39	1923	
38.3			Groveland, Ga.
39.0	40	1925	
39.9	41	1910	
40.4			Canoochee River.
41.0	42	1901	
42.0	43	1904	
43.0	44	1894	
43.5			Daisy, Ga.
44.0	45	1303	
45.0	46	1331	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>T. S. 230</u>			
46.15	47	1896	
47.0	48	1903	
47.2			Claxton, Ga., city limits.
47.7			Claxton, Ga., center of town.
48.3	49	1925	Side road to Metter, Ga., to right.
50.0	50	1892	
51.0	51	1903	
51.4			Railroad crossing.
51.9			Bellville, Ga.
52.0	52	1905	
53.0	53	1929	
53.15			Evans-Tattnall County Line.
54.0	54	1927	
54.65			Cross-roads.
55.05	55	1903	
56.0	56	1903	
56.7			Thomas Creek.
57.0	57	1902	
58.0	58	1905	
59.0	59	1925	
60.0	60	1889	
60.9			Railroad crossing.
61.0	61	1899	
61.15			Jctn. Ga. Route 23.
61.65			Reidsville, Ga., center of town.
61.7			Jct. Ga. Route 147.
62.1	62	1334	
63.0	63	1891	
64.0	64	1894	
65.0	65	1892	
66.0	66	1923	
66.75			Oocopee River.
67.05	67	1947	
68.0	68	1951	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 230</u>			
69.0	69	1966	
69.4			Cross-roads.
69.95			School at right.
70.0	70	1933	
71.0	71	1996	
72.0	72	2001	
73.0	73	1995	
74.0	74	2003	
75.0	75	2028	
76.0	76	2034	
76.3			Lyons, Ga.
77.4	77	2063	
78.0	78	2032	
79.0	79	2034	
80.0	80	2013	
81.0	81	2022	
82.0	82	2015	Vacant lot in Vidalia, Ga.
83.0	83	2041	West edge of Vidalia, Ga.
84.0	84	2062	Toombs-Montgomery County line.
85.0	85	2079	
85.45			Jct. Ga. Route 29.
86.0	86	2031	
87.0	87	2108	
88.0	88	2033	
88.1			Cross-roads.
89.0	89	2043	
90.0	90	2170	
90.75			Cross-roads.
91.0	91	2036	
91.95			Ailey, Ga., center of town.
92.25	92	2073	
93.10	93	2015	
93.7			Mt. Vernon, Ga.; Jct. Ga. Route 56.
94.0	94	1995	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 230</u>			
95.0	95	1936	
96.2			Oconee River.
96.3	96	1974	
96.5			Side road to right.
97.0	97	1975	
97.05			Okeewalkee Creek.
97.2			Side road to left.
98.0	98	1978	
98.6			Glenwood, Ga.
99.0	99	1974	
100.0	100	1988	
101.0	101	1932	
101.4			Cross-roads.
102.0	102	1980	
103.0	103	1947	Magnetic pebbles, some polarized.
104.0	104	1942	
105.0	105	1921	
105.3			Alamo, Ga.
106.0	106	1917	
106.65			Alligator Creek.
107.0	107	1891	
107.3			Cross-roads.
108.0	108	1337	
109.0	109	1366	
110.0	110	1353	
111.0	111	1359	
111.2			Jct. Detour Ga. Route 31.
112.0	112	1344	
113.0	113	1345	
113.25			Jct. Ga. Route 31.
113.4			Gun Creek.
114.05			McRae, Ga., city limits.
114.1	114	(1622)	
114.1	114A	1331	300 feet Southeast of Station 114
114.75			McRae, Ga., Railroad crossing; Jct. U. S. 341, take U. S. 341; railroad parallel to highway on north from McRae to Eastman, Ga.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 341</u>			
114.95	115	1813	On vacant lot.
115.7			Helena, Ga.; railroad crossing.
116.15	116	1820	
117.0	117	1823	
117.95	118	1827	
119.0	119	1852	
120.0	120	1851	
120.65			Side road to right.
121.0	121	1837	
121.7			English, Ga.
122.0	122	1839	
122.1			Church on right.
123.0	123	1833	
123.75			Suomi, Ga.
124.0	124	1826	
125.1	125	1825	
126.0	126	1866	
127.0	127	1865	
128.0	128	1887	
129.0	129	1897	
129.6			Godwinsville, Ga.
130.0	130	1896	
131.0	131	1911	
132.0	132	1945	
133.0	133	1912	
134.3			Jct. Ga. Route 117.
134.6			Eastman, Ga., center of town.
134.3			Jct. Ga. Route 37.
135.3	134	1955	
136.0	135	1920	
136.4			Cross-roads.
137.0	136	1916	
138.0	137	1906	
139.0	138	1927	
139.9			Cross-roads.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 341</u>			
140.0	139	1938	
141.0	140	1952	
142.0	141	1966	
143.0	142	2003	
144.0	143	2005	
145.0	144	1990	
146.0	145	2024	
146.5			Cross-roads.
147.0	146	1955	
147.3			Side road to right.
148.0	147	1956	
149.0	148	1971	Pebbles slightly magnetic.
150.0	149	1939	
151.0	150	1951	
152.0	151	1966	
153.0	152	1930	Jct. Ga. Route 26; east edge Hawkinsville, Ga.
153.5			Ocmulgee River.
153.9			Hawkinsville, Ga., center of town.
154.2			Jct. Ga. Route 11; leave U. S. 341.
<u>Ga. Route 26</u>			
154.75	153	1964	West edge Hawkinsville, Ga.
156.0	154	1930	
157.0	155	1975	
158.0	156	2057	
159.0	157	2012	
160.0	158	2017	
160.5			Side road to right.
161.0	159	2032	
161.35			Church at left.
162.0	160	2036	
163.0	161	2011	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 26</u>			
164.0	162	2004	
165.0	163	2031	
165.25			Side road to right.
166.0	164	2031	
167.0	165	2008	
168.0	166	2015	
168.65			Railroad crossing.
169.0	167	1986	
169.5			Big Creek.
170.0	168	2028	Very magnetic pebbles.
171.0	169	2038	
172.0	170	2058	
173.0	171	2050	
173.4			Henderson, Ga., Jct. U. S. 41 and Ga. Route 7.
174.0	172	2042	Magnetic pebbles.
175.0	173	2036	Magnetic pebbles.
176.0	174	2038	
177.0	175	2019	
178.0	176	1993	
179.0	177	1999	
180.0	178	1979	
181.0	179	1974	Magnetic pebbles.
181.9			Church to left.
182.0	180	1926	Many magnetic pebbles.
182.2			Cross-roads.
182.55			Side road to right.
183.0	181	1902	
183.5			Horse Head Creek.
184.0	182	1938	
185.0	183	1943	
186.0	184	1941	
187.0	185	1915	
187.5			A. F. and C. Railroad.


Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 26</u>			
188.0	186	1928	Long narrow fill, swamp on each side of road, west edge of Montezuma, Ga.
188.1			Jct. Ga. Route 90 from south.
189.25			Montezuma, Ga., center of town.
190.15			Flint River.
190.35	187	1927	
190.9			Railroad.
191.0	188	1863	In vacant lot east edge of Oglethorpe, Ga.
191.1			Jct. with Ga. Route 49 and Ga. Route 90.
192.0	139	1909	
193.0	190	1901	
193.2			Ga. Route 49 turns left; keep to right on Ga. Route 26.
194.0	191	1895	
195.0	192	1883	
196.0	193	1901	
197.0	194	1896	
197.9			Cross-roads.
198.0	195	1921	Magnetic pebbles.
198.25			Church on right.
199.0	196	1905	
200.0	197	1893	
201.0	198	1876	
202.0	199	1849	
203.05	200	1855	
204.0	201	1853	
205.0	202	1862	
206.0	203	1837	
207.0	204	1851	
207.55			Ellaville, Ga., railroad station.
207.75			Jct. with U. S. 19 and Ga. Route 3.
208.0	205	1872	
209.2	206	1844	
210.0	207	1846	
211.0	208	1849	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 26</u>			
212.0	209	1337	
213.0	210	1341	
214.0	211	1345	
215.0	212	1356	
215.3			Cross-roads.
216.0	213	1345	Magnetic pebbles.
217.0	214	1885	
218.0	215	1965	
219.0	216	2047	Magnetic pebbles.
220.0	217	2169	
221.0	218	2306	Magnetic pebbles.
221.7			Railroad.
222.1			Buena Vista, Ga.; Jct. Ga. Route 41, south.
222.6	219	2336	
223.0	220	2456	
223.45			Jct. Ga. Route 41, north.
224.0	221	2455	
225.0	222	2356	
226.0	223	2435	Magnetic pebbles.
227.0	224	2762	
227.35			Side road to right.
228.0	225	2531	
229.0	226	2461	
229.7			Jct. Ga. Route 103, take Route 103.
<u>Ga. Route 103</u>			
230.0	227	2305	
230.75			Side road to right.
231.0	228	2312	
232.0	229	2293	
233.0	230	2264	
234.0	231	2152	
235.0	232	2093	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 103</u>			
236.0	233	2201	
236.2			Cross-road and school.
237.0	234	2039	
238.05	235	2024	
238.8			Pine Knot Creek.
239.0	236	2165	
240.0	237	2095	
240.4			Eelbeck, Ga.
240.85			Side road to right.
241.0	238	2001	
242.0	239	2134	Church on right.
243.0	240	2090	
244.0	241	2057	
244.5			Side road to left.
245.0	242	2056	
246.0	243	2115	
247.0	244	2166	
247.1			School on right.
247.45			Side road to right.
248.0	245	2212	
249.0	246	2143	
250.0	247	2037	
250.1			Side road to right.
251.0	243	2138	
252.0	249	2125	
252.3			Bridge.
252.4			Railroad crossing.
252.75	250	2207	In vacant lot west edge of Columbus, Ga.
253.0			Columbus, Ga., city limits.

TRAVERSE G-6

Traverse from Columbus, Ga. to Elichton, Ga. Mileages measured from traverse zero on U. S. 30, 1.9 miles east of Ga. Central Railroad crossing, and 1.2 miles east of Jct. of U. S. 30 with Ga. Route 103.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 30</u>			
0.0	1	2166	In vacant lot on edge of Columbus, Ga.; see sketch:
			
1.0	2	2144	
1.15			Side road to right.
1.5			Cross-road.
2.0	3	2093	
2.7			Cross-road.
3.0	4	2085	
4.0	5	2136	
4.7			Cross-road.
5.0	6	2152	
5.45			Flat Rock Creek.
6.0	7	2135	
6.05			Schatulga Road, cross-road.
6.5			Railroad crossing.
7.0	8	2199	
7.5			Side road to left.
8.0	9	2312	
8.7			Cross-roads.
9.0	10	2241	
10.0	11	2242	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 30</u>			
11.0	12	2253	
11.9			Randall Creek.
12.0	13	2417	
12.1			Railroad crossing.
13.0	14	2238	
13.9			School.
14.0	15	2240	
15.0	16	2156	
16.0	17	2390	
16.3			School.
17.0	18	2325	Pegmatite exposure.
18.0	19	2314	
18.1			Baker Creek.
18.75			Cross-roads.
18.95			Side road to right.
19.0	20	2301	
19.3			Bowlesville, Ga.
20.0	21	2257	
21.0	22	2340	
22.0	23	2362	
23.0	24	2174	
24.0	25	2316	
25.0	26	2279	
25.3			Oct. Ga. Route 41 to south.
25.9			Oct. Ga. Route 96 to Butler, Ga.
<u>Ga. Route 96</u>			
26.05			Geneva, Ga., dirt road.
26.2			Railroad crossing.
26.25	27	2192	
26.7			Side road to right.
27.0	28	2254	
27.1			Railroad crossing.
28.0	29	2168	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 96</u>			
29.0	30	2345	
30.0	31	2338	
31.0	32	2519	
31.4			Railroad crossing.
32.0	33	2315	
32.4			Junction City, Ga.
33.0	34	2289	
34.0	35	2306	
35.0	36	2334	
35.65			Pavement and cross-roads.
36.05	37	2394	
37.0			Howard, Ga.
37.2	38	2408	
38.0	39	2352	
39.0	40	2398	
40.0	41	2476	
41.0	42	2536	
41.7			Mizell, Ga.
42.0	43	2432	
43.0	44	2605	
44.0	45	2434	
45.0	46	2566	
45.45			Side road to right.
45.8			Entler, Ga.; Jct. Ga. Route 137 to south.
45.35			Jct. U. S. 19.
46.45	47	2297	
47.0	48	2153	
48.0	49	2203	
49.0	50	2253	
49.25			Pebble, Ga.; cross-road.
50.0	51	2276	
51.0	52	2230	
52.0	53	2137	
53.0	54	2217	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 96</u>			
54.0	55	2220	
54.4			Reynolds, Ga., Jct. Ga. Route 128. Take Route 128 to north.
<u>Ga. Route 128</u>			
54.45			Railroad.
55.0	56	2233	
56.0	57	2267	
57.0	58	2277	
57.2			Church on left.
58.0	59	2249	
59.0	60	2473	
59.0	60A	2433	100 feet east of station 60.
60.0	61	2717	
61.0	62	2413	
62.0	63	2402	
62.2			Flint River; most of stations to Macon, Ga. are on the crystallines.
63.0	64	2294	
64.0	65	2404	
65.0	66	2333	
66.0	67	2341	
67.0	68	2329	
68.0	69	2363	
68.4			Roberta, Ga. Jct. Ga. Route 7.
68.5			Railroad.
69.0	70	2423	
69.25			Knoxville, Ga. Jct. Ga. Route 22, and U. S. 20.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 80</u>			
70.0	71	2493	
71.0	72	2390	
71.5			Jct. Ga. Route 42 to north.
72.0	73	2379	
73.0	74	2402	
74.0	75	2550	
75.0	76	2441	
76.0	77	2603	
77.0	78	2454	
78.0	79	2726	
78.65			Church on left.
78.9			Echeconnee Creek.
79.0	80	2488	
80.0	81	2401	
81.0	82	2423	
81.7			Lizella, Ga.
82.0	83	2428	
83.0	84	2492	
84.0	85	2590	
85.0	86	2751	
85.6			Tobesofkee Creek.
86.0	87	2602	
87.0	88	2987	
88.0	89	2623	
88.65			School.
89.0	90	2607	
90.0	91	2476	
91.0	92	2525	
91.5			Macon, Ga., city limits.
94.5			Macon, Ga., Post Office.
94.75			Ocmulgee River.
96.0	93	2498	
97.0	94	2858	
97.85			East edge of Macon, Ga. Railroad crossing.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 80</u>			
93.0	95	2482	
93.15			Jct. Ga. Route 19 and Ga. Route 87.
94.0	96	2600	
94.55			Jct. Ga. Route 57.
100.0	97	2632	
100.7			Church on left.
101.0	98	2330	
102.0	99	2643	
102.25			Cross-roads.
103.0	100	2671	
103.75			Railroad crossing.
103.35			Dry Branch, Ga.
104.0	101	2438	
105.0	102	2525	
106.0	103	2547	
106.6			Side road to right.
107.0	104	2431	
107.1			Railroad crossing.
108.0	105	2601	
108.3	106	2601	
108.9			Railroad crossing.
110.0	107	2753	
110.1			Fitzpatrick, Ga.
111.0	108	2491	
112.0	109	2375	
113.0	110	2450	
114.0	111	2493	
115.0	112	2560	
116.0	113	2519	
117.0	114	2632	
117.25			Jeffersonville, Ga.
117.4			Jct. Ga. Route 127.
118.0	115	2512	
119.0	116	2539	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 30</u>			
120.0	117	2487	
120.75			Turkey Creek.
121.0	113	2454	
122.0	119	2430	
123.0	120	2406	
124.0	121	2403	
125.0	122	2407	
125.35			Danville, Ga.
126.0	123	2389	
127.0	124	2353	
127.35			Allentown, Ga.; Jct. Ga. Route 112.
123.0	125	2357	
127.0	126	2330	
130.0	127	2319	
131.0	128	2314	
132.0	129	2329	
132.1			Montrose, Ga.
133.0	130	2316	
134.0	131	2327	
134.45			Jct. Ga. Route 26.
135.0	132	2277	
135.5			Railroad crossing.
136.0	133	2283	
137.0	134	2277	
137.15			Budley, Ga.
138.0	135	2311	
138.3			Turkey Creek.
139.0	136	2298	
140.0	137	2299	
141.0	138	2300	
141.9			Church on right.
142.0	139	2313	
142.35			Sand Ford Creek.
143.0	140	2324	
144.0	141	2299	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 80</u>			
145.0	142	2311	
145.9	143	2336	On west edge of Dublin, Ga.
147.2			Dublin, Ga.; Jct. with Ga. Routes 31 and 117.
148.15			Oconee River.
148.55	144	2289	East edge of Dublin, Ga.
149.10	145	2283	
149.45			Jct. Ga. Route 15.
149.60			Jct. Ga. Route 29.
150.0	146	2301	
151.0	147	2325	
152.0	148	2350	
152.45			Railroad crossing.
153.0	149	2341	
154.0	150	2359	
155.05	151	2361	Magnetic pebbles.
155.7			Side road to left.
156.0	152	2337	
156.35			Pughes Creek.
157.0	153	2328	
158.0	154	2307	
159.0	155	2319	
159.55			Church to right.
160.0	156	2327	
161.0	157	2353	
161.8			Laurens-Johnson County Line.
162.0	158	2311	
162.1			Scott, Ga.
163.0	159	2351	
163.15			Railroad crossing.
164.0	160	2328	
165.0	161	2298	
166.0	162	2383	
166.9			Adrian, Ga.; Jct. Ga. Route 72.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 80</u>			
167.2	163	2378	
168.0	164	2355	
168.05			Johnson-Emanuel County Line.
168.2			Chocopee River.
169.10	165	2371	
170.0	166	2372	
171.05	167	2320	
171.55			Cross-road.
172.00	168	2306	
173.0	169	2295	
173.55			Jct. Ga. Route 56.
174.0	170	2294	
174.75			Little Chocopee River.
175.15	171	2295	
176.0	172	2302	
177.0	173	2313	
178.0	174	2328	
178.3			Cross-road.
179.0	175	2327	
179.45			Cross-road.
180.0	176	2348	
181.0	177	2373	
181.95	178	2420	Swainsboro, Ga., city limits.
182.25			Swainsboro, Ga., Jct. U. S. 1.
183.0			Railroad crossing.
183.15			Railroad crossing.
183.30	179	2390	
184.0	180	2405	
185.0	181	2396	
186.0	182	2415	
186.25			Cross-road.
187.0	183	2468	
187.55			Canoochee Creek.
188.0	184	2431	
188.65			Cross-roads.
189.0	185	2435	
189.25			Church on right.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 80</u>			
139.65			Church on right.
190.0	136	2467	
190.65			Reedy Creek.
191.0	137	2463	
192.0	138	2480	
193.0	139	2600	Twin City, Ga., city limits; Jct. Ga. Route 23.
193.3			Twin City (Summit, Ga., Graymont, Ga.)
194.0	190	2435	
195.0	191	2404	
196.0	192	2394	
197.1	193	2379	
197.3			Cross-road.
198.0	194	2370	
199.0	195	2363	
200.0	196	2347	
201.0	197	2317	
201.55			Emanuel-Bullock County, Line.
202.0	198	2361	
203.0	199	2410	
204.0	200	2385	
205.0	201	2314	
206.0	202	2313	
206.35	203	2334	West edge of Portal, Ga.
207.15			Portal, Ga.
208.1	204	2334	
209.0	205	2319	
210.0	206	2307	
210.2			Fland, Ga.
211.0	207	2298	
212.0	208	2303	
212.45			Jct. U. S. 25 to north.
213.0	209	2317	
213.95			Side road to right.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>N. S. 90</u>			
214.0	210	2333	
215.0	211	2295	
215.5			Side road to left.
216.0	212	2290	
217.0	213	2236	
218.0	214	2286	
218.05			Statesboro, Ga., western city limits.
220.0	215	2282	
220.2			Statesboro, Ga., eastern city limits.
221.0	216	2289	
221.5			Cross-roads.
222.0	217	2291	
223.0	213	2266	
223.3			Cross-roads.
224.0	219	2235	
225.0	220	2233	
226.0	221	2273	
227.0	222	2257	
227.7			Brooklet, Ga., side road to right.
228.0	223	2232	
229.0	224	2208	Church on left.
230.0	225	2195	
231.0	226	2168	
232.0	227	2156	
233.0	228	2135	
233.1			Cross-roads.
234.0	229	2126	
235.0	230	2111	
236.0	231	2093	
237.0	232	1996	Met. Ga. Route 119.
238.0	233	2051	
239.0	234	2056	
240.0	235	2072	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 80</u>			
241.0	236	2058	
242.0	237	2054	
243.0	238	2026	
243.75			Bulloch-Bryan County Line.
244.0	239	2004	
245.0	240	2001	
246.0	241	2006	
247.0	242	2010	
248.0	243	2027	
248.2			Blighton, Ga.; Jct. Ga. Route 30 and U. S. 280; turn right (south) on U. S. 280.
<u>U. S. 280</u>			
249.0	244	1988	
249.5	245	1938	Same as Station 21 on G-5 Traverse.

TRAVERSE G-7

Traverse from West Point, Ga. to northeast of Waynesboro, Ga.

Mileages measured from traverse zero at east end of Chattahoochee

River bridge, West Point, Ga.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 29</u>			
0.0			East end of Chattahoochee River bridge, West Point, Ga.
0.3			Jct. Ga. Route 103.
0.4			Jct. Ga. Route 13.
0.3			Railroad crossing.
1.0	1	2516	Approximately 50 feet north of highway in grove of pines just off or foot path leading up hill behind a bill board, marked by wooden stake inscribed "No. 1, G 7".
2.0	2	2470	
3.0	3	2530	
4.0	4	2416	
5.0	5	2506	
6.0	6	2454	
7.0	7	2610	Gneiss exposed.
7.3			School on left.
8.0	8	2510	
9.0	9	2423	
10.0	10	2505	
10.3			Side road to left.
11.0	11	2563	
12.0	12	2535	
13.0	13	2690	
14.0	14	2393	La Grange, Ga., city limits.
15.45	15	2515	Center of vacant lot, La Grange, Ga.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>N. S. 27</u>			
16.25			La Grange, Ga., center of town.
16.65			Railroad crossing.
17.6	16	2561	
18.0	17	2394	
19.0	18	2614	
20.0	19	2567	
20.05			Long Cane Creek.
21.0	20	2476	
21.1			Side road to left.
21.2			Side road to right.
22.0	21	2563	
23.0	22	2605	
24.0	23	2515	
25.0	24	2496	
26.0	25	2560	
27.0	26	2496	
28.0	27	2501	
28.75			Cross-road.
29.0	28	2554	
30.0	29	2506	
31.0	30	2517	
31.15			Side road to right.
32.0	31	2510	
33.0	32	2534	
33.3			Chiple, Ga.; Jct. Ga. Route 13
<u>Ga. Route 13</u>			
34.0	33	2517	
35.0	34	2544	
36.0	35	2604	
37.0	36	2610	
38.0	37	2609	
39.0	38	2653	
39.75			Railroad crossing.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 18</u>			
40.0	39	2618	
40.2			Durand, Ga.
41.0	40	2654	
42.0	41	2639	
42.7			Crowder, Ga.
43.0	42	2671	
44.0	43	2713	
45.0	44	2531	
45.25			Harris, Ga.; railroad crossing.
45.35			Jct. Ga. Route 41; turn right on Route 41.
<u>Ga. Route 41</u>			
45.60	45	2715	
46.0	46	2647	
47.0	47	2616	
48.0	48	2693	
49.0	49	2608	
50.0	50	2759	
50.3			Railroad crossing.
51.0	51	2590	
51.05			Warm Springs Pool, Warm Springs, Ga.
51.55			Jct. Ga. Route 85 to south; railroad crossing.
51.6			Warm Springs, Ga., center of town.
52.0	52	2564	
53.0	53	2553	
53.55			Railroad crossing.
54.0	54	2439	
55.0	55	2233	
55.3	56	2756	Jct. Ga. Route 85 to north
56.3			Manchester, Ga., center of town.
57.10	57	2469	
58.0	58	2490	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 41</u>			
59.0	59	2435	
60.0	60	2386	
61.0	61	2692	
61.65			Side road to right.
62.0	62	2549	
62.9	63	2328	
63.2			Woodland, Ga., Jct. Ga. Route 72. Turn left on Ga. Route 72.
<u>Ga. Route 72</u>			
64.0	64	2382	
65.0	65	2464	
66.0	66	2456	
67.0	67	2474	
67.5			River.
68.0	68	2445	
69.0	69	2494	
70.0	70	2414	
71.0	71	2463	
72.1	72	2406	
73.0	73	2411	
73.3			Flint River.
74.0	74	2386	
75.0	75	2399	
76.0	76	2509	
76.2			Creek.
77.0	77	2404	
78.0	78	2439	
78.7			River.
79.0	79	2402	
80.0	80	2434	
81.0	81	2424	
82.0			Thomaston, Ga., center of town.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 72</u>			
83.25	82	2422	
83.55			Jct. Ga. Route 74.
84.0	83	2444	
85.0	84	2436	
86.0	85	2390	
87.0	86	2520	
87.2			Cross-road.
88.0	87	2491	
89.0	88	2543	
90.0	89	2527	
91.0	90	2539	
91.9			Topeko Jct., Ga.; railroad crossing.
92.0	91	2549	
93.0	92	2573	
94.0	93	2614	
95.0	94	2612	
96.0	95	2601	
97.0	96	2630	
97.6			Jct. Ga. Route 7.
98.5			Barnesville, Ga., center of town; Jct. Ga. Route 19, U. S. 41, Ga.. Route 13.
<u>U. S. 41</u>			
99.2	97	2620	
100.0	98	2635	
100.95	99	2613	Church and graveyard on right.
101.2			Cross-road.
102.1	100	2594	
103.0	101	2537	
104.1	102	2537	
105.0	103	2554	Church on left.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>U. S. 41</u>			
106.1	104	2586	
107.0	105	2564	Collier, Ga.
103.0	106	2521	
109.0	107	2606	
109.95	108	2544	
111.0	109	2517	
111.65			Forsyth, Ga.; Jct. U. S. 341.
112.40	110	2514	
112.35			Jct. Ga. Route 18, turn left on Ga. Route 13.
<u>Ga. Route 18</u>			
113.0	111	2506	
114.0	112	2505	
115.0	113	2507	
115.6			Cross-road.
116.0	114	2535	
116.4			Side road to right.
117.0	115	2609	
118.0	116	2547	
119.0	117	2534	
120.0	118	2456	
120.15	119	2444	
121.0	120	2659	
122.05	121	2632	
122.3	122	2517	
124.0	123	2325	
124.4			Jct. Ga. Route 27.
124.3	124	2439	
125.3			Dames Ferry, Ga.; railroad crossing.
125.75			Ocmulgee River.
126.0	125	2362	
127.0	126	2376	
127.2			Side road to left.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 18</u>			
128.0	127	2520	
129.0	128	2336	
129.95			Side road to right.
130.0	129	2425	
131.0	130	2387	
131.35			Side road to left.
131.3			Side road to right.
132.0	131	2543	
133.0	132	2552	
133.35			Side road to right.
134.0	133	2323	
135.0	134	2353	
136.0	135	2389	
137.0	136	2415	
138.1	137	2427	
138.35	138	2372	
139.25			Jct. with U. S. 129, Ga. Route 11 and Ga. Route 22.
<u>U. S. 129, Ga. Route 22</u>			
139.30	139	2445	
140.35			Gray, Ga.; railroad crossing.
140.90			U. S. 129 separates from Ga. Route 22.
<u>Ga. Route 22</u>			
141.2	140	2519	
142.0	141	2424	
143.0	142	2470	
144.0	143	2436	
145.0	144	2434	
146.0	145	2436	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 22</u>			
147.0	146	2542	
148.0	147	2469	
149.0	148	2559	
150.0	149	2311	
151.0	150	2927	
151.0	151	3106	100 feet south of Station 150. Moore Creek.
151.35			
152.0	152	2436	
153.0	153	2591	
153.25			Fishing Creek.
154.0	154	2564	
155.0	155	2535	
156.0	156	2476	
157.0	157	2607	
158.0	158	2365	
158.5			Railroad crossing.
159.0	159	2637	
159.3	160	2979	In vacant lot, edge of town.
160.15			Railroad crossing.
160.9			Milledgeville, Ga., center of town.
161.7			Oconee River.
162.2	161	3454	
163.0	162	2535	
164.0	163	2536	
164.9			Side road to right.
165.0	164	2602	
165.25			Met. Ga. Route 24 to east, follow Route 24.

Ga. Route 24

166.0	165	2593	
167.0	166	2553	
168.0	167	2473	
168.45			Side road to left.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 24</u>			
169.0	168	2771	
170.0	169	2586	
171.0	170	2595	
171.85			Side road to right.
172.0	171	2563	
173.0	172	2733	
173.7			Town Creek.
174.0	173	2943	
175.0	174	2841	
176.0	175	2789	
176.65			Bluff Creek.
177.0	176	2966	
177.15			Gun Creek.
178.0	177	2601	
179.0	178	2547	
180.0	179	2612	
181.0	180	2556	
181.1			Buffalo Creek.
182.0	181	2744	
183.0	182	2715	
184.0	183	2703	
185.0	184	2776	
186.0	185	2782	
186.15			Side road right to Tennile, Ga.
187.0	186	2652	
187.2			Limestone Creek.
188.0	187	2682	
189.0	188	2594	
189.7	189	2813	
190.3			Sandersville, Ga., center of town.
191.6	190	2716	
191.7			Sandersville, Ga., city limits.
192.0	191	2696	
193.0	192	2700	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ga. Route 24</u>			
194.0	193	2764	
194.65			School on right.
195.0	194	2840	
196.0	195	2823	
196.35			Side road to left.
197.0	196	2814	
198.0	197	2723	
199.0	198	2691	
200.0	199	2698	
201.0	200	2683	
202.0	201	2680	
202.3			Williamson Swamp Creek.
203.0	202	2671	
203.45			Davisboro, Ga., cross-road.
204.0	203	2686	
205.0	204	2709	
206.0	205	2804	
207.0	206	2937	
207.7			Side road right.
208.0	207	2949	
209.0	208	2847	
210.0	209	2923	
211.0	210	2935	
212.0	211	2981	
213.15	212	3281	Jct. dirt road; same location as Louisville Wells Station 9- Ogeechee River.
213.6			
214.15	213	2772	
214.8			Jct. Ga. Route 171.
214.9	214	2822	
215.1			Rock Comfort Creek.
215.5	215	2836	
215.65			Louisville, Ga.; Jct. U. S. 1.
216.2	216	2909	
217.0	217	2902	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Ca. Route 24</u>			
217.35			Manson Creek.
218.0	218	2923	
219.0			Big Creek.
219.1	219	2333	
219.65			Cross-road.
220.0	220	2837	
221.0	221	2867	
222.0	222	2352	
223.0	223	3106	
223.5	224	3194	Marked by wooden stake; is south of highway and 15 feet north of pine tree, east of dirt road leading to house south of highway.
224.0	225	3223	
224.5	226	3291	
225.0	227	3401	
225.2			Vidette, Ca., railroad crossing.
226.05	228	2326	
227.0	229	3099	
227.75			Buckhead Creek.
228.0	230	2809	
229.05	231	2765	
229.10			Cross-road to Hills Mill.
230.0	232	2812	
231.0	233	2843	
232.0	234	2373	
233.0	235	2963	
234.0	236	3007	
235.0	237	3032	Rocky Creek.
235.5			Cross-roads.
236.0	238	2961	Church on left.
237.0	239	2940	
238.0	240	2355	

Miles	Station Number	Vertical Metric Intensity in fathoms	Remarks
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Ga. Route 24

238.6			Jct. Ga. Route 30.
238.3			Jct. Ga. Route 56.
239.0	241	2947	
239.5			Waynesboro, Ga.; city limits.
239.7	242	2906	
240.15			Jct. U. S. 25.
240.25			Take dirt road to McBean and Shell Bluff, Ga.

Dirt Road
Waynesboro to McBean

240.55			Railroad crossing.
241.0	243	2882	
241.4			Railroad crossing.
242.0	244	2835	
243.0	245	2898	
243.35			Erier Creek.
244.10	246	2926	Between arms of road fork, midway between power pole No. 421219 and telephone pole No. 1114; take left fork.
244.3			Side road to Girard and Shell Bluff.
245.0	247	2901	Near pole No. 1074.
246.0	248	3012	Near pole No. 1040.
247.0	249	3125	

Spring Branch Road

247.2			Turn left on Spring Branch Road.
247.5	250	3113	
248.0	251	3176	
248.3			Spring Branch Church.
248.4	252	3180	In pines to right of road at top of rise; near fallen tree.

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Spring Branch Road</u>			
249.0	253	3205	50 feet north of road directly in front of house nearest Waynesboro Well No. 2.
249.0	254	3145	100 feet north of Well No. 2 and 150 paces south of house.
249.25	255	3190	Across road from Well No. 1, Mail box 105, Wesley Johnson.
249.75	256	3216	50 feet south of road, across from Box No. 137, Henry Y. Lynch.
250.25	257	3230	In Spring Branch road 25 paces west of intersection.
250.25			Intersection Spring Branch and McBean-Shell Bluff road; turn right (south) towards Shell Bluff.
<u>McBean-Shell Bluff Road</u>			
250.75 S	258	3226	Church. Creek.
251.05 S			
251.2 S			
251.25 S	259	3110	Turn around and go north.
250.25			Intersection Spring Branch-Shell Bluff Roads.
250.60 N	260	2990	Waynesboro Well No. 3. Road intersection at Joe Sullivan's house; turn left (west).
250.75 N			
251.5 N	261	2954	

Miles	Station Number	Vertical Magnetic Intensity in gammas	Remarks
<u>Cross-road</u>			
252.0	262	2343	
252.5	263	2323	
252.75			W. B. Knight's house.
253.0	264	2330	
253.75	265	2361	Intersection with McBean-Waynesboro road; turn left (south) towards Waynesboro.
<u>McBean-Waynesboro Road</u>			
254.75	266	2312	
255.35	267	3073	60 feet west of road at intersection with Spring Branch road.