

APPENDIX

LOCATION AND CHARACTERISTICS OF SOIL SAMPLES

All mileages are from Nashville city limits. They represent car mileages on the highway. Samples often were taken some distance from the highway.

SAMPLE NUMBER	MILEAGE	TYPE OF SOIL
1.....	7.2 U. S. 31E	Limestone soil, limestone gravel
2.....	11.3 U. S. 31E	Black loam
3.....	16.4 U. S. 31E	Black loam, limestone outcrop
4.....	20.5 U. S. 31E	Black loam
5.....	31.0 Tenn. 25	Dark soil, limestone beneath
6.....	34.7 Tenn. 25	Dark loam
7.....	37.0 Tenn. 25	Dark brown soil
8.....	5.0 U. S. 70N	Brown soil, limestone outcrop on hill nearby
9.....	9.5 U. S. 70N	Brown soil, no rock
10.....	12.5 U. S. 70N	Brown soil, no rock
11.....	11.8 Tenn. 25	Red clay soil, very cherty
12.....	14.1 Tenn. 25	Red clay, sticky, some chert
13.....	17.2 U. S. 31W	Light red clay, some chert
14.....	24.6 U. S. 31W	Clay whitish, sticky chert
15.....	30.2 U. S. 31W	White, very sticky, cherty
16.....	35.4 U. S. 31W	Red clay
17.....	34.7 U. S. 70W	Red, much sand and chert
18.....	36.0 U. S. 70W	Very red, much chert
19.....	39.8 U. S. 70W	Red, sand and chert
20.....	42.2 U. S. 70W	Light, very cherty
21.....	3.2 Tenn. 20	Black gumbo
22.....	8.0 Tenn. 20	Black gumbo
23.....	6.7 Tenn. 78	Black gumbo
24.....	217.5 Tenn. 78	Black gumbo
25.....	214.4 Tenn. 78	Gumbo
26.....	195.0 Tenn. 21	Gumbo, marshy
27.....	184.0 Tenn. 21	Black gumbo
28.....	163.0 Tenn. 43	Red-gray
29.....	155.2 Tenn. 43	Red-gray
30.....	151.2 Tenn. 43	Red
31.....	146.6 Tenn. 22	Red-gray
32.....	140.7 Tenn. 22	Red
33.....	137.8 Tenn. 22	Light red
34.....	130.4 Tenn. 22	Red
35.....	122.7 Tenn. 22	Dark red
36.....	55.1 Tenn. 6	Red, phosphate
37.....	57.2 Tenn. 6	Red, phosphate
38.....	58.5 Tenn. 6	Red, phosphate
39.....	59.5 Tenn. 6	Red, phosphate
40.....	60.5 Tenn. 6	Red, phosphate
41.....	61.4 Tenn. 6	Red, phosphate
42.....	62.5 Tenn. 6	Phosphate
43.....	64.0 Tenn. 6	Phosphate
44.....	65.0 Tenn. 6	Phosphate
45.....	64.0 Tenn. 6	Phosphate
46.....	68.0 Tenn. 6	White soil

LOCATION AND CHARACTERISTICS OF SOIL SAMPLES—(Continued)

SAMPLE NUMBER	MILEAGE	TYPE OF SOIL
47	70.5 Tenn. 6	White soil
48	72.0 Tenn. 6	Reddish-white soil
49	73.4 Tenn. 6	Gray soil
50	77.0 Tenn. 6	Bright red soil
51	79.3 Tenn. 6	Gray soil
52	81.0 Tenn. 6	Gray soil
53	87.3 Tenn. 15	Gray soil
54	89.0 Tenn. 15	Red soil
55	91.5 Tenn. 15	Red soil
56	37.0 U. S. 31	Dark brown soil
57	30.7 U. S. 31	Dark brown soil
58	22.0 U. S. 31	Reddish-brown soil
59	10.6 U. S. 31	Gray soil
60	5.0 U. S. 31	Dark brown soil
61	83.6 U. S. 70W	Gray soil
62	84.5 U. S. 70W	Gray soil
63	86.2 U. S. 70W	Gray soil
64	87.0 U. S. 70W	Reddish-gray soil
65	88.3 U. S. 70W	Gray soil
66	89.7 U. S. 70W	Reddish-gray soil
67	92.1 U. S. 70W	Gray soil
68	93.0 U. S. 70W	Gray soil, very cherty
69	95.0 U. S. 70W	Gray soil
70	96.0 U. S. 70W	Gray soil
71	65.0 U. S. 41	Deep red soil
72	66.1 U. S. 41	Deep red soil
73	67.1 U. S. 41	Red soil
74	68.5 U. S. 41	Dark red soil
75	76.1 U. S. 41	Red soil
76	77.2 U. S. 41	Deep red soil
77	79.2 U. S. 41	Red soil
78	80.5 U. S. 41	Red soil
79	81.6 U. S. 41	Red soil
80	82.3 U. S. 41	Red soil
81	89.0 Tenn. 56	Sandy brown soil
82	90.5 Tenn. 56	Dark brown soil, sandy
83	91.9 Tenn. 56	Brown sandy soil
84	93.5 Tenn. 56	Yellow-brown, sandy soil
85	94.8 Tenn. 56	Brown sandy soil
86	96.9 Tenn. 56	Brown sandy soil
87	101.2 Tenn. 56	Brown sandy soil
88	102.2 Tenn. 56	Brown sandy soil
89	89.0 U. S. 41	Brown sandy soil
90	90.2 U. S. 41	Brown sandy soil
91	130.0 Tenn. 27	Grayish-brown sandy soil
92	129.5 Tenn. 27	Light brown sandy soil
93	128.6 Tenn. 27	Light brown sandy soil
94	127.0 Tenn. 27	Yellowish-brown soil
95	126.0 Tenn. 27	Yellow soil
96	120.0 Tenn. 27	Brown soil
97	122.3 Tenn. 27	Light brown soil
98	123.2 Tenn. 27	Dark brown soil
99	124.8 Tenn. 27	Brown soil
100	125.5 Tenn. 28	Light brown soil
101	127.0 Tenn. 28	Brown soil
102	129.0 Tenn. 28	Brown soil
103	29.0 U. S. 70W	Brown soil, cherty

LOCATION AND CHARACTERISTICS OF SOIL SAMPLES—(Continued)

SAMPLE NUMBER	MILEAGE	TYPE OF SOIL
104	31.4 U. S. 70W	Brown soil, cherty
105	32.3 U. S. 70W	Red-brown soil, very cherty
106	33.0 U. S. 70W	Reddish-brown soil, very cherty
107	33.4 U. S. 70W	Light brown soil, very cherty
108	33.7 U. S. 70W	Light red soil, much chert
109	34.0 U. S. 70W	Light red-brown soil, much chert
110	34.3 U. S. 70W	Light red soil, much chert
111	82.6 U. S. 70S	Reddish-brown soil
112	84.8 U. S. 70S	Brown soil
113	86.2 U. S. 70S	Gray soil
114	89.3 U. S. 70S	Bright red soil
115	93.7 U. S. 70S	Dark red soil
116	96.0 U. S. 70S	Red soil
117	98.9 U. S. 70S	Brown soil, sandy
118	103.0 U. S. 70S	Red soil
119	105.5 U. S. 70S	Red soil
120	107.5 U. S. 70S	Red soil
121	123.8 U. S. 70S	Brown sandy soil
122	127.5 U. S. 70	Red-brown, sandy soil
123	130.8 U. S. 70	Dark brown, sandy soil
124	135.8 U. S. 70	Brown sandy soil
125	140.0 U. S. 70	Reddish-brown sandy soil
126	146.2 U. S. 70	Brown sandy soil
127	151.0 U. S. 70	Brown sandy soil
128	157.5 U. S. 70	Brown sandy soil
129	161.4 U. S. 70	Dark brown sandy soil, loamy
130	164.5 U. S. 70	Brown sandy soil, loamy
131	174.4 U. S. 70	Much shale, reddish soil
132	177.8 U. S. 70	Bluish shale soil
133	181.3 U. S. 70	Light red soil, no shale, some limestone gravel
134	184.0 U. S. 70	Pink soil, no shale
135	187.5 U. S. 70	Yellowish-brown soil, limestone gravel
136	193.5 U. S. 70	Brown soil
137	197.2 U. S. 70	Brown soil, limestone and shale
138	200.0 U. S. 70	Reddish-brown soil
139	202.0 U. S. 70	Light brown soil
140	204.2 U. S. 70	Reddish-brown soil
141	227.0 U. S. 11E	Shaly bluish soil
142	236.4 U. S. 11E	Dark brown soil, limestone outcrop
143	243.8 U. S. 11E	Dark brown soil
144	261.3 U. S. 11E	Dark brown soil, limestone gravel
145	330.0 Tenn. 37	Yellowish-red soil
146	332.4 Tenn. 37	Red cherty soil
147	345.0 Tenn. 37	Light red soil
148	346.5 Tenn. 37	Whitish soil, looks like rotten rock
149	348.0 Tenn. 37	Yellowish soil, looks like rotten rock
150	348.5 Tenn. 37	Whitish soil, very cherty
151	350.0 Tenn. 37	Reddish soil
152	350.4 Tenn. 37	Light brown soil
153	351.5 Tenn. 37	Red-brown soil
154	351.6 Tenn. 37	Light brown soil, cherty
155	352.0 Tenn. 37	Reddish brown soil
156	352.0 Tenn. 37	Whitish soil, cherty
157	348.0 Tenn. 37	Whitish soil, looks like rotten rock
158	347.5 Tenn. 37	Black soil, some gravel
159	347.0 Tenn. 37	Reddish soil