

A Soil Survey for Fruit Development in the Ceded Districts (Contd.)

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APPENDIX I.

Statement showing the profile characteristics, stones, water-soluble salts and natural reserves of Calcium Carbonate in the soil samples.

Number of Sample	Area	Village	Pit No.	Depth	Colour	Texture	Stones	Natural reserves of Calcium Carbonate Effervescence with Dil. Acid	Water soluble salts	Remarks
1	2	3	4	5	6	7	8	9	10	11
1	Kottur		1	0'-1'	Red	Sandy loam	12.0	Nil	.015	Shallow soil—Dis-
2				1'-2'	"	Gravelly	53.0	"	.023	integrated granite at
3				2'-3'	Brown	"	56.0	Very slight	.035	3 ft. depth
4	Chapparadhalli		2	0'-1'	Brown	Loamy	2.2	Nil	.017	Soil of moderate depth
5				1'-2'	"	"	0.3	Moderate	.037	rock at 5 feet
6				2'-3'	"	"		Slight	.041	
7				3'-4'	"	"		"	.046	
8				4'-5'	Light Brown	Gravelly		Brisk	.49	
9	Kodihalli		3	0'-1'	Red	Gravelly	63.1	Nil	.034	Deep Soil Granite
10				1'-2'	"	Loamy	2.6	"	.017	at 7 ft
11				2'-3'	"	"	2.5	"	.020	
12				3'-4'	Brown	"	9.8	"	.024	
13				4'-5'	Light Brown	"	7.1	Slight	.079	
14				5'-6'	"	"	10.2	Moderate	.052	
15				6'-7'	"	"	15.1	Slight	.052	

* Continued from Vol. XXXVI, No. 3, P. 123.

Number of Sample	Area	Village	Pit No.	Depth	Colour	Texture	Stones	Natural reserves of Calcium Carbonate Effervescence with Dil. Acid.	Water soluble salts	Remarks
1	2	3	4	5	6	7	8	9	10	11
16	Maruru		4	0'-1'	Red	Loamy	10.8	Slight	.044	Deep soil, Parent rock (granite) at 7 ft.
17				1'-2'	"	"	0.7	Nil	.016	
18				2'-3'	"	"	1.3	"	.022	
19				3'-4'	"	"	4.6	"	.021	
20				4'-5'	"	"	12.6	Very slight	.033	
21				5'-6'	Brown	"	15.0	Slight	.046	
22				6'-7'	"	Gravelly	53.9	"	.035	
23	Himoselette		5	0''-9''	Red	Loamy	8.8	Nil	.050	Shallow soil. Rock at 2½ ft.
24				9''-18''	"	"	3.3	"	.011	
25				18''-30''	Brown	Gravelly	58.0	"	.023	Pegmatite
26				30''-34''	Very little soil			Disintegrated rock		
27				Below 34''				Rock		
28	Jagategiri		6	0''-6''	Red	Loamy	30.0	Nil	.011	Very shallow soil.
29				12''-18''	Brown	Gravelly	56.0	Nil	.018	Fine grained pegmatite
30				18''-24''			Rock	—	Pegmatite.	at 1½ ft.
31	Herevadaraja		7	0''-9''	Brown	Sandy	16.8	Very slight	.022	Fairly deep soil. Rock at 6 feet.
32				9''-18''	"	"	12.4	Nil	.018	
33				18''-30''	"	"	16.5	"	.010	
34				30''-40''	"	"	19.2	"	.013	
35				40''-48''	"	"	12.7	Very slight	.013	
36				4'-5'	"	"	8.2	Nil	.011	
37				5'-6'	"	Clayey	12.3	Very slight	.068	
38	Chinnenahalli		8	0'-1'	Red	Loamy	24.4	Nil	.012	Very shallow soil. Rock at 2 ft.
39				1'-2'	"	"	46.0	"	.095	
						Loamy	3.1	Nil	.027	Shallow soil. Rock at 3 ft.

Number of sample	Area	Village	Pit No.	Depth	Colour	Texture	Stones	Natural reserves of Calcium Carbonate (Effervescence with Dil. Acid)	Water soluble salts	Remarks
1	2	3	4	5	6	7	8	9	10	11
72		Negireddipalli	18	0'-1'	Brown	Clay	15'6	Nil	.049	Water table at 5 ft.
73				1'-2'	"	Clayey	10'6	Slight	.064	Plenty of ferruginous gravel in the deeper layers.
74				2'-3'	"	"	16'0	Very slight	.041	
75				3'-4'	"	Gravelly	75'6	Slight	.060	
76				4'-5'	"	"	83'1	"	.047	
77		Rudravaram	19	0'-1'	Light Brown	Loamy	1'7	Nil	.018	Water table at 5 ft.
78				1'-2'	Brown	"	0'1	"	.016	Chini garden
79				2'-3'	"	"	1'3	"	.252	
80				3'-4'	"	"	0'3	"	.022	
81				4'-5'	Yellow	"	3'3	"	.022	
82		Rudravaram	20	0'-1'	Red	Sandy	1'6	"	.028	Water table at 4 ft.
83				1'-2'	"	"	1'4	"	.041	Sandy soil—Mango garden.
84				2'-3'	Reddish Yellow	"	3'5	Slight	.092	
85				3'-4'	"	Sandy loam	17'3	"	.079	
86		Rudravaram	21	0'-1'	Brown	"	10'2	Nil	.066	Water table at 5 ft.
87				1'-2'	Yellow	"	4'5	"	.030	Mango garden.
88				2'-3'	"	Clay loam	8'0	"	.048	
89				3'-4'	"	"	6'3	"	.058	
90				4'-5'	"	"	13'0	"	.056	
91		Conampalli	22	0'-1'	Brown	Sandy	12'6	"	.017	Water table at 5 ft.
92				1'-2'	"	Loamy	37'6	"	.023	Plenty of ferruginous gravel in the deeper layers.
93				2'-3'	"	"	39'6	Brisk	.044	
94				3'-4'	Light Brown	Clay loam	17'8	"	.051	
95				4'-5'	Yellow	"	22'1	"	.047	
96		Rudravaram Conampalli	23	0'-1'	Red	Loamy	31'6	Nil	.039	Water table at 5 ft.
97				1'-2'	"	"	33'7	"	.075	Plenty of ferruginous

98 Rudravaram Conampalli 23 2'-3' Brown " " 38'9 Slight Nil .089 gravel in the deeper layers. .167

[illegible]

Number of Sample	Area	Village	Pit No.	Depth	Colour	Texture	Stones	Natural reserves of Calcium Carbonate Effervescence with Dil. Acid	Water soluble salts	Remarks
1	2	3	4	5	6	7	8	9	10	11
131		Near Bandaru-vagu	29	0'-1'	Brown	Loamy	9.1	Nil	.029	Deep soil. Neither rock nor water up to 8 ft. depth. Kankar nodules from 4 ft. downwards. Plenty of ferruginous gravel.
132				1'-2'	"	"	10.4	"	.034	
133				2'-3'	"	Sandy loam	40.3	Slight	.037	
134				3'-4'	"	"	52.8	Moderate	.044	
135				4'-5'	"	"	57.5	"	.047	
136				5'-6'	"	"	49.3	"	.051	
137				6'-7'	"	"	29.8	Slight	.045	
138				7'-8'	"	"	35.5	"	.052	
139		Sirvel	30	0'-1'	Grey	Loamy	43.3	Moderate	.032	Water table at 3 ft.
140				1'-2'	"	Gravelly	68.7	Nil	.029	Plenty of ferruginous gravel. Rocks of the Cuddappah formation at 3 ft. (Chini garden)
141				2'-3'	"	"	78.0	"	.040	Rock and Water table at 4 ft. plenty of ferruginous gravel in the 4th ft.
142		"	31	0'-1'	"	Loamy	38.2	"	.025	
143				1'-2'	"	"	27.1	"	.032	
144				2'-3'	"	"	26.5	Slight	.038	
145				3'-4'	"	Gravelly	69.0	Very slight	.041	
146		"	32	0'-1'	Grey	Clay loam	22.6	Brisk	.042	Water table at 4 ft.
147				1'-2'	Yellow	Loamy	46.9	"	.046	Plenty of ferruginous gravel.
148				2'-3'	"	Gravelly	60.3	"	.034	
149				3'-4'	"	"	68.6	"	.055	
150	Sirvel	Sirvel	33	0'-1'	Grey	Loamy	27.8	Subject	.045	Water table at 5 ft.
151	"	"		1'-2'	"	"	28.3	"	.062	Plenty of ferruginous gravel Cheeni garden.
152	"	"		2'-3'	"	"	38.0	"	.066	
153	"	"		3'-4'	"	Gravelly	68.2	"	.046	
154	"	"		4'-5'	"	Sandy loam	19.2	"	.049	
155	Giddalore	Giddalore	34	0'-1'	Grey	Loamy	27.0	"	.039	Rocks of the Cuddappah formation at 6 ft. Plenty of ferruginous gravel especially in deeper
				1'-2'	"	"	26.0	"	.048	
					"	"	33.7	"	.046	

155	Giddalore	Giddalore	34	0'-1'	Grey	Loamy	27.0	"	"	066	ferruginous gravel Cheeni garden.
156				1'-2'	"	"	26.0	"	"	046	
157				2'-3'	"	"	33.7	"	"	049	
158				3'-4'	"	"	34.1	"	"		
159				4'-5'	"	"	49.8	"	"		
160				5'-6'	"	"	53.0	"	"		
161		"	35	0'-1'	Brown	Loamy	4.6	Nil		039	Rocks of the Cuddappah formations at 6 ft. Plenty of ferruginous gravel especially in deeper layers.
162				1'-2'	"	"	5.0	Brisk		042	Rock at 6 ft. Kankar nodules in the deeper layers.
163				2'-3'	"	"	10.9	"		055	
164				3'-4'	"	"	21.9	"		052	
165				4'-5'	"	"	34.9	"		048	
166	Giddalore	Giddalore		5'-6'	Brown	Loamy	40.6	Brisk		050	
167		Settiredipalli	36	0'-1'	Red	"	42.5	Brisk		025	Rock at 6 ft. Water table in the well nearby about 35 ft.
168				1'-2'	"	"	21.0	"		030	
169				2'-3'	"	"	25.2	"		030	
170				3'-4'	"	"	17.2	"		032	
171				4'-5'	Brown	"	36.1	"		035	
172				5'-6'	"	"	22.5	"		036	
173		Ambavaram	37	0'-1'	"	Sandy Loamy	2.7	Nil		020	Rock at 7 ft.
174				1'-2'	"	"	17.1	Moderate		035	
175				2'-3'	Light Brown	"	15.1	"		040	
176				3'-4'	"	"	11.8	"		039	
177				4'-5'	"	"	27.5	"		036	
178				5'-6'	"	"	30.3	"		039	
179				6'-7'	"	"	48.4	"		032	
180		Uppalapadu	38	0'-1'	"	"	11.5	"		029	Rock at 5 ft.
181				1'-2'	"	"	19.2	Brisk		041	
182				2'-3'	"	"	24.7	"		056	
183				3'-4'	"	"	32.6	"		068	
184				4'-5'	"	"	47.0	"		078	
185		Rajupeta	39	0'-1'	Red	Loamy	33.8	Moderate		031	Deep soil. Neither rock nor water table met with.
186				1'-2'	"	"	30.5	Brisk		034	
187				2'-3'	"	"	7.8	"		039	
188				3'-4'	"	"	9.9	Moderate		034	

Number of Sample	Area	Village	Pit No.	Depth	Colour	Texture	Stones	Natural reserves of Calcium Carbonate Effervescence with Dil. Acid	Water soluble salts	Remarks
1	2	3	4	5	6	7	8	9	10	11
189		Rajupeta	39	4'-5'	Light Brown	"	33.2	"	.037	
190				5'-6'	"	"	38.2	"	.067	
191				6'-7'	"	"	25.5	"	.078	
192				7'-8'	"	"	25.8	"	.079	
193		Kanchipalli	40	0'-1'	Red	Loamy	54.3	Moderate	.206	Rock at 6 ft. Water table
194				1'-2'	"	"	31.2	Slight	.090	in well nearby 30 ft.
195				2'-3'	"	"	25.4	"	.136	
196				3'-4'	"	"	22.4	Moderate	.139	
197				4'-5'	"	"	19.4	Brisk	.051	
198				5'-6'	"	"	8.4	Moderate	.033	
199		Krishnametti-palli.	41	0'-1'	Light Red	Sandy loam	1.3	Brisk	.036	Deep soil. Rock at 8 ft.
200				1'-2'	"	"	12.4	"	.042	Water table in nearby
201				2'-3'	Brown	Loamy	10.5	"	.040	well 30 ft.
202				3'-4'	"	"	14.9	"	.042	
203				4'-5'	"	"	7.1	Nil	.069	
204				5'-6'	"	"	7.6	"	.086	
205				6'-7'	"	"	0.6	"	.020	
206				7'-8'	"	Clay Loam	0.4	"	.021	
207			42	0'-1'	Red	Loamy	1.8	"	.022	Rocks of the Cuddappah
208				1'-2'	"	"	2.1	Very alight	.043	formations at 5 ft.
209				2'-3'	"	"	7.6	Moderate	.051	
210				3'-4'	"	"	0.2	Nil	.025	
211				4'-5'	Brown	"	1.6	Brisk	.033	
212		Diguvametta	43	0'-1'	Red	Loamy	3.2	"	.034	Rock at 5 ft.
213				1'-2'	"	"	4.2	Moderate	.034	
214				2'-3'	Brown	"	14.2	"	.036	
				3'-4'	"	"	28.0	Brisk	.032	
				4'-5'	"	"	34.1	"	.036	
									.037	Rock at 4 ft.

214	43	0'-1' 1'-2' 2'-3'	Red " Brown	Loamy "	1'6	Brisk " Moderate "	'025 '033 '034 '034 '036	Rock at 5 ft.
215	Diguvametta	3'-4'	"	"	28.0	Brisk	'032	
216	"	4'-5'	"	"	34.1	"	'036	
217	"	0'-1'	Red	Sandy loam	30.1	"	'037	Rock at 4 ft.
218	"	1'-2'	"	"	33.2	"	'036	
219	"	2'-3'	Brown	"	8.2	"	'033	
220	"	3'-4'	"	"	5.0	"	'025	
221	"	0'-1'	Red	Loamy	20.6	"	'027	Rock at 4 ft.
222	"	1'-2'	"	"	11.7	"	'031	
223	"	2'-3'	Brown	"	27.1	Brisk	'036	
224	"	3'-4'	"	"	8.2	"	'047	
225	"	0'-1'	"	Gravelly	61.6	"	'042	Rock at 3 ft. Kankar
226	"	1'-2'	Grey	Clay loam	10.5	Moderate	'034	nodules from 2nd ft.
227	"	2'-3'	"	Loamy	40.0	Brisk	'039	
228	"	0'-1'	Red	Sandy loam	32.0	"	'038	Rock at 3 ft. Water-
229	"	1'-2'	Brown	Loamy	44.8	"	'238	table in nearby
230	"	2'-3'	"	"	4.0	"	'100	well 35 ft.
231	Vonimitta	0'-1'	Red	Loamy	31.3	Very slight	'040	Rock at 6 ft. Water
232	Chenchugari-	1'-2'	"	"	29.0	Slight	'056	table 10 ft. Plenty of
233	palli.	2'-3'	"	Gravelly	67.0	"	'053	stones especially in
234	"	3'-4'	Brown	"	79.0	"	'057	deeper layers.
235	"	4'-5'	"	"	83.5	"	'049	
236	"	5'-6'	"	Loamy	43.7	Brisk	'039	
237	Kottapalli	0'-1'	Grey	Loamy	15.3	"	'056	Water table at 5 ft.
238	"	1'-2'	"	"	18.6	Very slight	'037	
239	"	2'-3'	"	"	19.7	"	'038	
240	"	3'-4'	"	"	37.2	Slight	'040	
241	"	4'-5'	"	Gravelly	85.5	Brisk	'064	
242	Vonimitta	0'-1'	Red	Loamy	51.5	"	'035	Rock at 4 ft. Water
243	"	1'-2'	"	Gravelly	74.3	Slight	'049	table very low - 35 ft
244	"	2'-3'	Brown	"	62.8	Brisk	'039	Plenty of stones.
245	"	3'-4'	"	Loamy	48.2	"	'042	

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1	2	3	4	5	6	7	8	9	10	11
246		Ratespalli	51	0'-1'	"	Gravelly	77.6	Nil	.036	Rock at 6 ft. Plenty of stones. Water table at 15 feet.
247				1'-2'	"	"	74.2	"	.024	
248				2'-3'	Grey	"	74.0	Brisk	.041	
249				3'-4'	Light Brown	"	65.2	"	.040	
250				4'-5'	"	"	70.4	"	.036	
251				5'-6'	"	"	73.6	"	.037	
252		Chalabad	52	0'-1'	Brown	Loamy	22.5	Very slight	.069	Rock at 6 ft. Water table at 10 ft.
253				1'-2'	"	"	21.5	"	.105	
254				2'-3'	"	Sandy loam	13.2	Slight	.090	
255				3'-4'	"	"	14.2	Very slight	.064	
256				4'-5'	"	"	7.3	Slight	.047	
257				5'-6'	"	"	30.5	Moderate	.036	
258		Polubuchayya-garipalli.	53	0'-1'	Light brown	Loamy	41.5	Brisk	.051	Sandstone at 4 ft. Plenty of stones.
259				1'-2'	Grey	Gravelly	73.7	Moderate	.041	
260				2'-3'	"	"	81.8	"	.039	
261				3'-4'	"	"	84.0	Very slight		
262		Nadimpalli	54	0'-1'	Brown	Sandy loam	57.2	slight	.037	Rock at 4 ft. Plenty of stones.
263				1'-2'	"	Gravelly	65.7	"	.051	
264				2'-3'	"	"	63.7	Moderate	.049	
265				3'-4'	"	"	77.9	Brisk	.090	
266		Cherlopalli	55	0'-1'	Light Brown	Sandy loam	55.6	Nil	.024	Water table at 4 ft. Plenty of stones.
267				1'-2'	"	Gravelly	70.4	"	.025	
268				2'-3'	Brown	"	82.5	"	.029	
269				3'-4'	"	"	67.3	Brisk	.045	
270		Mangampet	56	0'-1'	Light Brown	Loamy	43.6	"	.039	Rock at 5 ft. Plenty of stones.
271				1'-2'	Red	"	39.8	"	.043	
				2'-3'	"	"	44.7	"	.041	
				3'-4'	"	Gravelly	60.3	"	.043	
				"	Brown	"	74.6	"	.047	

269	Light Brown		Sandy loam Gravelly	55'6 70'4 82'5 67'3	Nil " " Brisk	'090 '024 '025 '029 '045
	1'-2' 2'-3' 3'-4'	Brown " "				
270	0'-1'	Light Brown	Loamy	43'6	"	'039
271	1'-2'	Red	"	39'8	"	'043
272	2'-3'	"	"	44'7	"	'041
273	3'-4'	Brown	Gravelly	60'3	"	'043
274	4'-5'	"	"	74'6	"	'047
275	0'-1'	Brown	Sandy loam	14'2	Moderate	'039
276	1'-2'	"	"	14'2	Nil	'024
277	2'-3'	Grey	Gravelly	31'7	"	'035
278	3'-4'	"	"	65'8	"	'043
279	4'-5'	"	Sandy loam	5'0	"	'030
280	0'-1'	Red	Sandy loam	18'6	"	'045
281	1'-2'	"	"	4'2	"	'037
282	2'-3'	Brown	Loamy	4'7	"	'036
283	3'-4'	"	"	3'5	"	'035
284	4'-5'	"	"	4'1	"	'030
285	5'-6'	"	"	2'4	"	'030
286	0'-1'	Red	Sandy loam	14'7	Brisk	'043
287	1'-2'	"	"	8'2	"	'043
288	2'-3'	Brown	Loamy	6'3	"	'045
289	3'-4'	"	"	35'7	"	'055
290	0'-1'	Red	Sandy loam	14'7	"	'044
291	1'-2'	"	"	34'0	"	'045
292	2'-3'	"	"	48'0	"	'044
293	3'-4'	Brown	"	50'2	"	'046
294	0'-1'	Light Brown	"	9'2	"	'030
295	1'-2'	"	"	12'8	"	'025
296	2'-3'	"	"	22'0	"	'033
297	0'-1'	Red	Sandy loam	26'7	Brisk	'045
298	1'-2'	"	Gravelly	61'2	"	'050
299	2'-3'	Brown	"	65'1	"	'050
300	3'-4'	"	Loamy rock	47'8	"	'048
301	below 4'	"	"	Kankar and shale	"	

[illegible]

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1	2	3	4	5	6	7	8	9	10	11
363	Anantarajupeta		71	0'-1'	Brown	Sandy	0.3	Nil	.014	Deep soil.
364				1'-2'	"	Sandy loam	0.9	"	.027	
365				2'-3'	"	Loamy	0.4	"	.013	
366				3'-4'	"	"	0.1	"	.016	
367				4'-5'	"	"	0.4	"	.017	
368				5'-6'	"	"	1.6	"	.021	
369				6'-7'	"	"	1.5	"	.034	
370				7'-8'	"	"	3.9	"	.045	
371			72	0'-1'	Red	Sandy loam	2.5	"	.014	Deep soil.
372				1'-2'	"	Loamy	0.9	"	.014	
373				2'-3'	"	"	1.8	"	.017	
374				3'-4'	"	"	1.5	"	.017	
375				4'-5'	"	"	1.8	"	.015	
376				5'-6'	Brown	"	0.8	"	.022	
377				6'-7'	"	"	2.0	"	.021	
378				7'-8'	"	"	7.4	Very slight	.043	
379	Mangampet		73	0'-1'	Brown	Sandy loam	9.9	Nil	.019	Shallow soil. Plenty of gravel below 1st foot Water table at 3 ft.
380				1'-2'	"	Gravelly	82.2	Nil	.032	
381				2'-3'	"	Gravelly	82.7	"	.045	
382	Anantarajupeta		74	0'-1'	"	Loamy	5.3	"	.032	Water table at 4 ft.
383				1'-2'	"	"	2.5	"	.026	
384				2'-3'	"	"	1.1	"	.032	
385				3'-4'	"	"	1.5	"	.043	
386	Settigunta		75	0'-1'	Brown	Sandy loam	3.4	"	.015	Rock at 4 ft. Plenty of gravel and stones in
387				1'-2'	"	Loamy	2.1	"	.015	
388	Settigunta		75	2'-3'	"	"	11.9	Very slight	.019	the last foot of soil. Site in view for land colonization scheme for ex-servicemen.
389				3'-4'	"	Red Quartzites	43.7	"	.043	
390				4'-5'	Rock					

387	Settigunta	75	0'-1' 1'-2'	Brown "	"	1.5	"	"	.032 .048
					Sandy loam Loamy	3.4 2.1	"	"	.015 .015
									Rock at 4 ft. Plenty of gravel and stones in
388	Settigunta	75	2'-3' 3'-4' 4'-5'	" " Rock	"	11.9 43.7	Very slight	"	.019 .043
389					Red Quartzites				
390									
391	"	76	0'-1' 1'-2'	Red	Sandy loam	1.7	Nil	"	.011
392			1'-2'	"	"	4.3	"	"	.018
393			2'-3'	Brown	Loamy	2.0	"	"	.015
394			3'-4'	"	"	37.0	"	"	.019
395			4'-5'	"	"	25.7	"	"	.034
396	Janakipnam	77	0'-1' 1'-2' 2'-3'	Nil	Sandy loam Loamy	1.8 6.4	Nil	"	.009
397			3'-4'	"	"	10.7	"	"	.026
398			4'-5'	Brown	"	14.6	"	"	.017
399			5'-6'	"	Gravelly	71.8	"	"	.015
400			6'-7'	"	"	77.3	"	"	.012
401				"	"	76.7	"	"	.013
402				"	"		"	"	.016
403	Maisurivaripalli	78	0'-1' 1'-2' 2'-3'	Red	Loamy	6.0	"	"	.024
404			3'-4'	"	"	4.5	"	"	.020
405			4'-5'	Brown	"	3.8	"	"	.030
406			5'-6'	"	Clay loam	1.5	"	"	.025
407			6'-7'	"	"	5.9	"	"	.035
408			7'-8'	"	"	3.0	"	"	.025
409				"	Loamy	2.9	"	"	.025
410				"	"	3.0	"	"	.021
411	Panyam	79	0'-1' 1'-2' 2'-3'	Grey	Sandy	8.7	"	"	.025
412			3'-4'	"	"	2.3	Brisk	"	.028
413			4'-5'	"	"	1.4	"	"	.036
414			5'-6'	"	"	3.7	"	"	.028
415			6'-7'	"	"	3.3	"	"	.030
416			7'-8'	"	"	2.3	"	"	.031
417				"	"	1.1	"	"	.037
418				"	"	6.7	Moderate	"	.022

Mango garden of Sri.
P. Madhava Rao.
Deep soil sandy —
water table below
40 feet.

Deep soil. Cheeni gar-
den.

Deep soil. Plenty of
gravel from th foot. 4

the last foot of soil. Site
in view for land
colonization scheme
for ex-servicemen.

Number of Sample	Area	Village	Pit No.	Depth	Colour	Texture	Stones	Natural reserves of Calcium Carbonate Effervescence with Dil. Acid	Water soluble salts	Remarks.
1	2	3	4	5	6	7	8	9	10	11
419	"	"	80	0'-1'	Grey	Loamy	4.9	Brisk	.042	Cheeni garden of Sri.
420	"	"	"	1'-2'	"	"	5.8	"	.046	P. Madhava Rao.
421	"	"	"	2'-3'	Black	Clay loam	2.8	"	.046	Deep very rich
422	"	"	"	3'-4'	"	"	2.3	"	.073	loamy soil.
423	"	"	"	4'-5'	"	"	6.4	"	.049	
424	"	"	"	5'-6'	Brown	Loamy	5.5	"	.045	
425	"	"	"	6'-7'	"	"	1.9	"	.044	
426	"	"	"	7'-8'	"	"	1.3	Moderate	.432	



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