

ABSTRACT

LIST OF TREES EXISTING IN THE PROPOSED 4.98 HA QUARRY AREA OF M/s SWEETY GRANITES IN COMPT. NO. 460, PACHIGUNTA RF, PACHIGUNTA BEAT OF CHITTOOR EAST RANGE.

Sl No	Names of the Species		Total No. of Trees in the Proposed Mining Area	Girth at Ground level in Cms	Height in Mts.	No. of Poles upto 30 cms	Girth Class wise No. of Trees of Timber Class						Timber Cub. Mts	Fuel in Kgs	Total value				Total value of (Col. 5+10+11)
	Botanical Name	Local Name					31 to 60 cms	61 to 90 cms	91 to 120 cms	Above 121 cm	8	9			10	11	12	13	
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17			
1	Acacia sundra	Sundra	4	3.01	6.50	1	0	3	0	0	0.269	210.0	133	2070	558	2761			
2	Albizia Amara	Chigara	1	0.53	2.00		1				0.035	60.0	0	271	160	430			
3	Azadirachta indica	Neem	9	3.81	17.00	4	4	1	0	0	0.185	410.0	532	1424	1090	3046			
4	Butea monosperma	Mudduga	3	1.08	3.40	2	1	0	0	0	0.01	75.0	266	83	199	549			
5	Dalbergia paniculata	Pachari	2	0.62	2.50	1	1	0	0	0	0.01	85.0	133	70	226	429			
6	Diospyros melanoxylon	Tuki	1	0.41	2.00	1	1				0.021	60.0	0	162	160	321			
7	Luffia acutangula	Beera	1	0.24	1.00	1						45.0	133	0	120	253			
8	Morinda tinctoria	Maddi	1	0.52	1.50		1				0.025	50.0	0	195	133	328			
9	Polichandrone falcate	Necruddi	8	4.72	16.00	0	5	3	0	0	0.427	435.0	0	3291	1157	4447			
10	Premna tomentosa	Narava	6	2.97	8.50	0	5	1	0	0	0.174	330.0	0	1341	877	2218			
11	Webera corymbosa	Kommi	47	22.10	62.00	3	40	4	0	0	0.851	2805.0	399	6562	7458	14419			
12	Wrightia tinctoria	Reppala	6	3.25	10.60	1	3	2	0	0	0.22	320.0	133	1702	851	2686			
TOTAL:			89	43.26	133.00	13	62	14	0	0	2.228	4885.00	1729	17170	12989	31888			

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LIST OF TREES EXISTING IN THE PROPOSED 4.98 HA QUARRY AREA OF M/s SWEETY GRANITES IN COMPT. NO. 460, PACHIGUNTA RF, PACHIGUNTA BEAT OF CHITTOOR EAST RANGE.

Sl No	Names of the Species		Total No. of Trees in the Proposed Mining Area	Girth at Ground level in Cms	Height in Mts.	No. of Poles upto 30 cms	Girth Class wise No. of Trees of Timber Class					Timber Cub. Mts	Fuel in Kgs	Total value			Total value of (Col. 5+10+11)
	Botanical Name	Local Name					31 to 60 cms	61 to 90 cms	91 to 120 cms	Above 121 cm	Col. 5			Col. 10	Col. 11		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
1	<i>Azadirachta indica</i>	Neem	1	0.45	2.00		1				0.025	50.0	0	195	133	328	
2	<i>Luffa acutangula</i>	Beera	1	0.24	1.00	1						45.0	133	0	120	253	
3	<i>Albizia Amara</i>	Chigara	1	0.53	2.00		1				0.035	60.0	0	271	160	430	
4	<i>Azadirachta indica</i>	Neem	1	0.22	2.50	1						25.0	133	0	66	199	
5	<i>Azadirachta indica</i>	Neem	1	0.22	1.50	1						30.0	133	0	80	213	
6	<i>Acacia sundra</i>	Sundra	1	0.92	2.00			1			0.106	70.0	0	815	186	1002	
7	<i>Acacia sundra</i>	Sundra	1	0.81	1.50			1			0.062	60.0	0	474	160	634	
8	<i>Wrightia tinctoria</i>	Reppala	1	0.33	1.00	1						35.0	133	0	93	226	
9	<i>Azadirachta indica</i>	Neem	1	0.35	2.00	1						30.0	133	0	80	213	
10	<i>Azadirachta indica</i>	Neem	1	0.72	1.50			1			0.049	50.0	0	375	133	508	
11	<i>Azadirachta indica</i>	Neem	1	0.60	2.50		1				0.056	60.0	0	434	160	593	
12	<i>Premna tomentosa</i>	Narava	1	0.92	2.00			1			0.106	50.0	0	815	133	948	
13	<i>Premna tomentosa</i>	Narava	1	0.42	1.50		1				0.017	70.0	0	127	186	314	
14	<i>Dalbergia paniculata</i>	Pachari	1	0.24	1.50	1						35.0	133	0	93	226	
15	<i>Wrightia tinctoria</i>	Reppala	1	0.85	2.00			1			0.090	60.0	0	696	160	856	
16	<i>Azadirachta indica</i>	Neem	1	0.27	1.50	1						40.0	133	0	106	239	
17	<i>Polichandrone falcate</i>	Neeruddi	1	0.90	2.00			1			0.101	60.0	0	780	160	940	
18	<i>Dalbergia paniculata</i>	Pachari	1	0.38	1.00		1				0.009	50.0	0	70	133	203	
19	<i>Wrightia tinctoria</i>	Reppala	1	0.53	2.00		1				0.035	70.0	0	271	186	457	
20	<i>Morinda tinctoria</i>	Maddi	1	0.52	1.50		1				0.025	50.0	0	195	133	328	
21	<i>Butea monosperma</i>	Mudduga	1	0.30	1.20	1						25.0	133	0	66	199	
22	<i>Webera corymbosa</i>	Kommi	1	0.41	1.00		1				0.011	50.0	0	81	133	214	
23	<i>Wrightia tinctoria</i>	Reppala	1	0.55	1.60		1				0.030	40.0	0	233	106	339	
24	<i>Premna tomentosa</i>	Narava	1	0.39	1.50		1				0.014	60.0	0	110	160	269	
25	<i>Azadirachta indica</i>	Neem	1	0.44	1.50		1				0.018	80.0	0	140	213	353	
26	<i>Premna tomentosa</i>	Narava	1	0.54	1.00		1				0.018	60.0	0	140	160	300	
27	<i>Polichandrone falcate</i>	Neeruddi	1	0.47	2.00		1				0.028	40.0	0	213	106	319	
28	<i>Polichandrone falcate</i>	Neeruddi	1	0.38	2.00		1				0.018	50.0	0	139	133	272	
29	<i>Polichandrone falcate</i>	Neeruddi	1	0.37	2.00		1				0.017	35.0	0	132	93	225	
30	<i>Butea monosperma</i>	Mudduga	1	0.40	1.00	1						20.0	133	0	53	186	
31	<i>Butea monosperma</i>	Mudduga	1	0.38	1.20		1				0.011	30.0	0	83	80	163	

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	Botanical Name	Local Name					31 to 60 cms	61 to 90 cms	91 to 120 cms	Above 121 cm	Col 5			Col. 10	Col. 11			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17		
32	<i>Webera corymbosa</i>	Kommi	1	0.48	1.50	1						25.0	133	0	66	199		
33	<i>Webera corymbosa</i>	Kommi	1	0.47	1.50	1						30.0	133	0	80	213		
34	<i>Webera corymbosa</i>	Kommi	1	0.46	1.50	1						25.0	133	0	66	199		
35	<i>Diospyros melanoxylon</i>	Tuki	1	0.41	2.00		1				0.021	60.0	0	162	160	321		
36	<i>Premna tomentosa</i>	Narava	1	0.35	1.50		1				0.011	50.0	0	89	133	221		
37	<i>Premna tomentosa</i>	Narava	1	0.35	1.00		1				0.008	40.0	0	59	106	165		
38	<i>Webera corymbosa</i>	Kommi	1	0.36	1.50		1				0.012	60.0	0	94	160	253		
39	<i>Webera corymbosa</i>	Kommi	1	0.41	1.50		1				0.016	50.0	0	121	133	254		
40	<i>Webera corymbosa</i>	Kommi	1	0.60	1.00		1				0.023	50.0	0	173	133	306		
41	<i>Webera corymbosa</i>	Kommi	1	0.34	1.00		1				0.007	60.0	0	56	160	215		
42	<i>Webera corymbosa</i>	Kommi	1	0.31	1.00		1				0.006	70.0	0	46	186	232		
43	<i>Polichandrone falcate</i>	Neeruddi	1	1.00	2.50			1			0.156	55.0	0	1204	146	1350		
44	<i>Polichandrone falcate</i>	Neeruddi	1	0.46	1.50		1				0.020	65.0	0	153	173	326		
45	<i>Azadirachta indica</i>	Neem	1	0.54	2.00		1				0.036	45.0	0	281	120	401		
46	<i>Webera corymbosa</i>	Kommi	1	0.45	1.00		1				0.013	65.0	0	98	173	270		
47	<i>Webera corymbosa</i>	Kommi	1	0.45	1.00		1				0.013	75.0	0	98	199	297		
48	<i>Webera corymbosa</i>	Kommi	1	0.35	1.00		1				0.008	65.0	0	59	173	232		
49	<i>Webera corymbosa</i>	Kommi	1	0.45	1.00		1				0.013	45.0	0	98	120	217		
50	<i>Webera corymbosa</i>	Kommi	1	0.42	2.00		1				0.022	65.0	0	170	173	343		
51	<i>Webera corymbosa</i>	Kommi	1	0.43	1.50		1				0.017	65.0	0	134	173	306		
52	<i>Webera corymbosa</i>	Kommi	1	0.41	2.00		1				0.021	55.0	0	162	146	308		
53	<i>Webera corymbosa</i>	Kommi	1	0.51	1.50		1				0.024	75.0	0	188	199	387		
54	<i>Webera corymbosa</i>	Kommi	1	0.41	1.00		1				0.011	85.0	0	81	226	307		
55	<i>Webera corymbosa</i>	Kommi	1	0.43	1.50		1				0.017	65.0	0	134	173	306		
56	<i>Webera corymbosa</i>	Kommi	1	0.35	1.50		1				0.011	50.0	0	89	133	221		
57	<i>Webera corymbosa</i>	Kommi	1	0.44	1.00		1				0.012	60.0	0	93	160	253		
58	<i>Webera corymbosa</i>	Kommi	1	0.48	1.00		1				0.014	40.0	0	111	106	217		
59	<i>Webera corymbosa</i>	Kommi	1	0.78	2.00			1			0.076	50.0	0	586	133	719		
60	<i>Webera corymbosa</i>	Kommi	1	0.77	1.50			1			0.056	60.0	0	428	160	588		
61	<i>Webera corymbosa</i>	Kommi	1	0.66	1.00			1			0.027	50.0	0	210	133	343		
62	<i>Webera corymbosa</i>	Kommi	1	0.48	1.00		1				0.014	70.0	0	111	186	297		
63	<i>Webera corymbosa</i>	Kommi	1	0.50	1.00		1				0.016	60.0	0	120	160	280		
64	<i>Webera corymbosa</i>	Kommi	1	0.39	2.00		1				0.019	70.0	0	147	186	333		

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	Botanical Name	Local Name					31 to 60 cms	61 to 90 cms	91 to 120 cms	Above 121 cm	Col. 5			Col. 10	Col. 11		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
65	<i>Webera corymbosa</i>	Kommi	1	0.40	1.50		1				0.015	80.0	0	116	213	328	
66	<i>Webera corymbosa</i>	Kommi	1	0.67	1.50			1			0.042	60.0	0	324	160	484	
67	<i>Webera corymbosa</i>	Kommi	1	0.36	1.00		1				0.008	70.0	0	62	186	249	
68	<i>Webera corymbosa</i>	Kommi	1	0.48	1.50		1				0.022	80.0	0	166	213	379	
69	<i>Webera corymbosa</i>	Kommi	1	0.40	1.00		1				0.010	80.0	0	77	213	290	
70	<i>Webera corymbosa</i>	Kommi	1	0.57	1.50		1				0.030	60.0	0	235	160	394	
71	<i>Polichandrone falcate</i>	Neeruddi	1	0.72	2.00			1			0.065	80.0	0	499	213	712	
72	<i>Polichandrone falcate</i>	Neeruddi	1	0.42	2.00		1				0.022	50.0	0	170	133	303	
73	<i>Webera corymbosa</i>	Kommi	1	0.40	1.00		1				0.010	60.0	0	77	160	237	
74	<i>Webera corymbosa</i>	Kommi	1	0.57	1.50		1				0.030	70.0	0	235	186	421	
75	<i>Webera corymbosa</i>	Kommi	1	0.60	1.00		1				0.023	60.0	0	173	160	333	
76	<i>Webera corymbosa</i>	Kommi	1	0.42	1.00		1				0.011	80.0	0	85	213	298	
77	<i>Acacia sundra</i>	Sundra	1	0.38	1.00	1						40.0	133	0	106	239	
78	<i>Webera corymbosa</i>	Kommi	1	0.42	1.50		1				0.017	80.0	0	127	213	340	
79	<i>Webera corymbosa</i>	Kommi	1	0.53	1.00		1				0.018	60.0	0	135	160	295	
80	<i>Acacia sundra</i>	Sundra	1	0.90	2.00			1			0.101	40.0	0	780	106	887	
81	<i>Webera corymbosa</i>	Kommi	1	0.50	1.50		1				0.023	50.0	0	181	133	314	
82	<i>Webera corymbosa</i>	Kommi	1	0.31	1.50		1				0.009	60.0	0	69	160	229	
83	<i>Wrightia tinctoria</i>	Reppala	1	0.62	2.00			1			0.048	50.0	0	370	133	503	
84	<i>Wrightia tinctoria</i>	Reppala	1	0.37	2.00		1				0.017	65.0	0	132	173	305	
85	<i>Webera corymbosa</i>	Kommi	1	0.47	1.50		1				0.021	55.0	0	160	146	306	
86	<i>Webera corymbosa</i>	Kommi	1	0.43	1.50		1				0.017	45.0	0	134	120	253	
87	<i>Webera corymbosa</i>	Kommi	1	0.54	1.50		1				0.027	45.0	0	211	120	330	
88	<i>Webera corymbosa</i>	Kommi	1	0.6	1.00		1				0.021	55.0	0	162	146	308	
89	<i>Webera corymbosa</i>	Kommi	1	0.45	1.50		1				0.019	65.0	0	146	173	319	
						13	62	14	0	0	2.228	4885	1729	17170	12989	31888	

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