

Farm Size (ha):	4,955.14
Conservation Area (WPA)	618.92
WPA%	12.49
Excluded Areas	538.28
Certified Area	4,416.86
Total Production Area	3,797.94
Total Non-Production Area	1,157.20
Natural Forest Area	4,955.14
Natural Regenerated Forest Area (ES)	804.90

Project No:	09-104-17a
Farm Name & No:	alm & Elephantenberg
Owner:	Alex Rogl
SLIMF/Non - SLIMF:	Non-SLIMF
Farm Workers (Average)	12
Average rainfall (mm)	450
Soil Type	Turf, Calcareous
Latitude	-19.751253
Longitude	17.350514

NUMBER OF KILNS

Production to be removed	Average charcoal SLIMF Limit for the FMU (t/y)	Available for the FMU (Tons charcoal):	Sustainable (65%) for the FMU (Tons Charcoal):	Average Biomass SLIMF Limit for the FMU (t/y)	Available for the FMU (Tons biomass):	Sustainable (65%) for the FMU (Tons)
	374.76	8,612.28	5,597.98	1,873.81	43,061.38	27,989.89
	Sustainable yield per year Assuming 5 Years of harvesting		1,119.60	Sustainable yield per year Assuming 5 Years of harvesting		5,597.98

YEAR: 2023

COLLECTOR	Date (D/M/Y)	2	June	2023
Mariska	Site number	Camp 01		
	ordinates (Decimal S	-19.70987	17.29003	
	Pre- / Post-harvest	Pre TE 1		
	Transect length (m)	50	number of seedlings < 50 c	
	Transect width (m)	4	9	
	Transect area (m ²)	200	HCE	Height Class Equivalent

		S. mellifera	V. reficiens	V. Luedentzii	D. cinerea	C. mopane	T. senecio	Other acacias	Targeted Total HCE	Targeted Wood Estimates	Targeted Leaf Estimates (kg/transect)	Total Targeted TE
0.5	Up to 0.5 m	2	1		6				9	1.66	0.94	3.00
1.0	0.5-1 m	4	3		11				18	3.31	1.87	12.00
1.5	1-1.5 m	8	1		8				17	16.42	5.39	17.00
2.0	1.5-2 m	12	1		4				17	16.42	5.39	22.67
2.5	2-2.5 m	3	1		1				5	32.79	5.74	8.33
3.0	2.5-3 m								0	0.00	0.00	0.00
3.5	3-3.5 m								0	0.00	0.00	0.00
4.0	3.5-4 m								0	0.00	0.00	0.00
4.5	4-4.5 m								0	0.00	0.00	0.00
5.0	4.5-5 m								0	0.00	0.00	0.00
6.0	5-6 m								0	0.00	0.00	0.00
7.0	6-7 m								0	0.00	0.00	0.00
8.0	7-8 m								0	0.00	0.00	0.00
9.0	8-9 m								0	0.00	0.00	0.00
0.5	wet-kg, < 1	7.20	3.60	0.00	10.14	0.00	0.00	0.00		20.94	3.14	
1.0	wet-kg, < 1	28.80	21.60	0.00	37.18	0.00	0.00	0.00		87.58	13.14	
1.5	wet-kg, < 1	86.40	10.80	0.00	40.56	0.00	0.00	0.00		137.76	20.66	
2.0	wet-kg, < 2	172.80	14.40	0.00	27.04	0.00	0.00	0.00		214.24	32.14	
2.5	wet-kg, < 2	54.00	18.00	0.00	8.45	0.00	0.00	0.00		80.45	12.07	
3.0	wet-kg, < 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
3.5	wet-kg, < 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
4.0	wet-kg, < 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
4.5	wet-kg, < 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
5.0	wet-kg, < 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
6.0	wet-kg, < 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
7.0	wet-kg, < 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
8.0	wet-kg, < 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
9.0	wet-kg, < 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	

Date (D/M/Y)	2	June	2023
Site number	Camp 01		
ordinates (Decimal S	-19.71107	17.2935	
Pre- / Post-harvest	Pre TE 2		
Transect length (m)	50	number of seedlings < 50 cm	
Transect width (m)	4	5	
Transect area (m²)	200	HCE	Height Class Equivalent

		S. mellifera	V. reficiens	V. Luedentzii	D. cinerea	C. mopane	T. senecio	Other acacias	Targeted Total HCE	Targeted Wood Estimates	Targeted Leaf Estimates (kg/transect)	Total Targeted TE
#	Up to 0.5 m	3	2						5	0.92	0.52	1.67
#	0.5-1 m	8	4						12	2.21	1.25	8.00
#	1-1.5 m	5	4		7				16	15.46	5.07	16.00
#	1.5-2 m	5	3		7				15	14.49	4.76	20.00
#	2-2.5 m				4				4	26.23	4.59	6.67
#	2.5-3 m	2			1				3	19.67	3.44	6.00
#	3-3.5 m								0	0.00	0.00	0.00
#	3.5-4 m								0	0.00	0.00	0.00
#	4-4.5 m								0	0.00	0.00	0.00
#	4.5-5 m								0	0.00	0.00	0.00
#	5-6 m								0	0.00	0.00	0.00
#	6-7 m								0	0.00	0.00	0.00
#	7-8 m								0	0.00	0.00	0.00
#	8-9 m								0	0.00	0.00	0.00
#	wet-kg, < 1	10.80	7.20	0.00	0.00	0.00	0.00	0.00		18.00	2.70	
#	wet-kg, < 1	57.60	28.80	0.00	0.00	0.00	0.00	0.00		86.40	12.96	
#	wet-kg, < 1	54.00	43.20	0.00	35.49	0.00	0.00	0.00		132.69	19.90	
#	wet-kg, < 2	72.00	43.20	0.00	47.32	0.00	0.00	0.00		162.52	24.38	
#	wet-kg, < 2	0.00	0.00	0.00	33.80	0.00	0.00	0.00		33.80	5.07	
#	wet-kg, < 3	43.20	0.00	0.00	10.14	0.00	0.00	0.00		53.34	8.00	
#	wet-kg, < 3	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
#	wet-kg, < 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
#	wet-kg, < 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
#	wet-kg, < 5	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
#	wet-kg, < 6	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
#	wet-kg, < 7	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
#	wet-kg, < 8	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	
#	wet-kg, < 4	0.00	0.00	0.00	0.00	0.00	0.00	0.00		0.00	0.00	