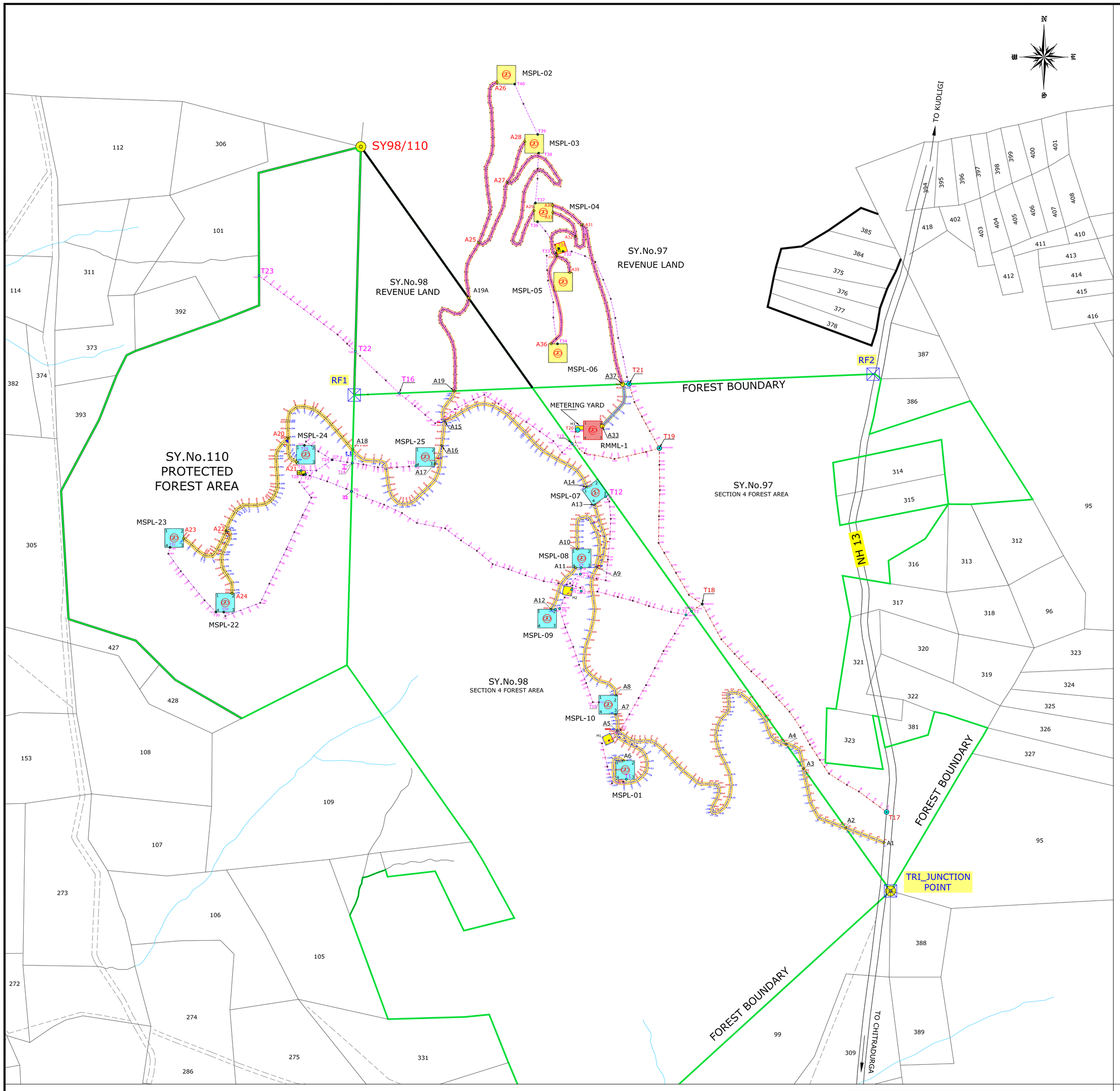

M/s. MSPL LIMITED (FOREST LAND)

GPS READINGS OF EXISTING WINDMILLS IN SY.No.98 OF SECTION 4 FOREST AREA BELONGS TO M/s. MSPL LIMITED

SL.No	WEG	LATITUDE	LONGITUDE
1	MSPL-01	N14° 18' 08.7"	E76° 23' 35.8"
2	MSPL-07	N14° 18' 30.4"	E76° 23' 33.5"
3	MSPL-08	N14° 18' 25.3"	E76° 23' 32.4"
4	MSPL-09	N14° 18' 20.6"	E76° 23' 29.6"
5	MSPL-10	N14° 18' 13.8"	E76° 23' 34.4"
6	MSPL-25	N14° 18' 33.3"	E76° 23' 19.9"

DATUM : WGS 84

GPS READINGS OF EXISTING WINDMILLS IN SY.No.110 PROTECTED FOREST AREA BELONGS TO M/s. MSPL LIMITED

SL.No	WEG	LATITUDE	LONGITUDE
1	MSPL-22	N14° 18' 22.0"	E76° 23' 03.8"
2	MSPL-23	N14° 18' 27.1"	E76° 22 59.7"
3	MSPL-24	N14° 18' 33.5"	E76° 23' 10.3"

GPS READINGS WEG'S COVERED AREA OF EXISTING WINDMILLS IN SY.No.98 OF SECTION 4 FOREST AREA BELONGS TO M/s. MSPL LIMITED

POINT	LATITUDE	LONGITUDE
MSPL-01		
1	N14° 18' 09.4"	E76° 23' 35.0"
2	N14° 18' 09.4"	E76° 23' 36.5"
3	N14° 18' 08.0"	E76° 23' 36.5"
4	N14° 18' 08.0"	E76° 23' 35.0"
MSPL-07		
1	N14° 18' 30.6"	E76° 23' 32.5"
2	N14° 18' 31.5"	E76° 23' 33.7"
3	N14° 18' 30.3"	E76° 23' 34.6"
4	N14° 18' 29.4"	E76° 23' 33.3"
MSPL-08		
1	N14° 18' 26.0"	E76° 23' 31.6"
2	N14° 18' 26.0"	E76° 23' 33.1"
3	N14° 18' 24.5"	E76° 23' 33.1"
4	N14° 18' 24.6"	E76° 23' 31.6"
MSPL-09		
1	N14° 18' 21.3"	E76° 23' 28.8"
2	N14° 18' 21.3"	E76° 23' 30.3"
3	N14° 18' 19.8"	E76° 23' 30.3"
4	N14° 18' 19.9"	E76° 23' 28.8"
MSPL-10		
1	N14° 18' 14.6"	E76° 23' 33.7"
2	N14° 18' 14.5"	E76° 23' 35.2"
3	N14° 18' 13.1"	E76° 23' 35.2"
4	N14° 18' 13.1"	E76° 23' 33.7"
MSPL-25		
1	N14° 18' 34.0"	E76° 23' 19.1"
2	N14° 18' 34.0"	E76° 23' 20.6"
3	N14° 18' 32.6"	E76° 23' 20.6"
4	N14° 18' 32.6"	E76° 23' 19.1"

DATUM : WGS 84

GPS READINGS WEG'S COVERED AREA OF EXISTING WINDMILLS IN SY.No.110 OF PRTOTECTED FOREST AREA BELONGS TO M/s. MSPL LIMITED

POINT	LATITUDE	LONGITUDE
MSPL-22		
1	N14° 18' 22'.7"	E76° 23' 03.0"
2	N14° 18' 22'.7"	E76° 23' 04.5"
3	N14° 18' 21.2"	E76° 23' 04.5"
4	N14° 18' 21.3"	E76° 23' 03.0"
MSPL-23		
1	N14° 18' 27.8"	E76° 22' 58.9"
2	N14° 18' 27.8"	E76° 23' 00.4"
3	N14° 18' 26.3"	E76° 23' 00.4"
4	N14° 18' 26.3"	E76° 22' 58.9"
MSPL-24		
1	N14° 18' 34.3"	E76° 23' 09.5"
2	N14° 18' 34.3"	E76° 23' 11.0"
3	N14° 18' 32.8"	E76° 23' 11.0"
4	N14° 18' 32.8"	E76° 23' 09.5"

DATUM : WGS 84

M/s. MSPL LIMITED
8.55 MW WIND PROJECT AREA WISE DETAILS

PATCH	SY.No	PARTICULAR	LENGTH (m)	WIDTH (m)	AREA (Sqm)	Area (Ha)
1	SY.No. 98	MSPL-01	45	45	2025	0.2025
2		MSPL-07	45	45	2025	0.2025
3		MSPL-08	45	45	2025	0.2025
4		MSPL-09	45	45	2025	0.2025
5		MSPL-10	45	45	2025	0.2025
6		MSPL-25	45	45	2025	0.2025
				TOTAL	12150	1.2150
10	SY.No. 98	METERING YARD (M1)	22	21.55	474	0.0474
11		METERING YARD (M2)	22	21.55	474	0.0474
				TOTAL	948	0.0948

APPROACH ROAD

SEGMENT	SY.No	PARTICULAR	LENGTH (m)	WIDTH (m)	AREA (Sqm)	Area (Ha)
1	SY.No 97	A1 TO A2	99	8	792	0.0792
2		A3 TO A4	82	8	656	0.0656
		TOTAL	181	8	1448	0.1448
3	SY.No 98	A2 TO A3	195	8	1560	0.1560
4		A4 TO A5	887	8	7096	0.7096
5		A5 TO A6	302	8	2416	0.2416
6		A5 TO A7	38	8	304	0.0304
7		A8 TO A9	352	8	2816	0.2816
8		A9 TO A10	225	8	1800	0.1800
9		A11 TO A12	119	8	952	0.0952
10		A9 TO A13	161	8	1288	0.1288
11		A14 TO A15	429	8	3432	0.3432
12		A15 TO A17	105	8	840	0.0840
13		A16 TO A18	365	8	2920	0.2920
14		A15 TO A19	83	8	664	0.0664
		TOTAL	3261	8	26088	2.6088

TRANSMISSION LINE

SEGMENT	SY.No	PARTICULAR	LENGTH (m)	WIDTH (m)	AREA (Sqm)	Area (Ha)
1	SY.No.98	T1- T2	510	15	7650	0.765
2		T2-T3	16	15	240	0.024
3		T2-T4	278	15	4170	0.417
4		T5-T6	615	15	9225	0.923
5		T7-T8	130	15	1950	0.195
6		T9-T10	253	15	3795	0.3805
7		T11-T12	268	15	4020	0.402
8		T13-T14	154	15	2310	0.231
9		T15-T16	516	17.50	9030	0.903
TOTAL			2740	15	42300	4.2300
					GRAND TOTAL	8.3024

M/s. MSPL LIMITED
GR HALLI WIND PROJECT SY.No.110 OF PRTOTECTED FOREST AREA DETAILS

SL.No	SY.No	PARTICULAR	LENGTH (m)	WIDTH (m)	AREA (Sqm)	Area (Ha)
WINDMILLS						
1	SY.No. 110	MSPL-22	45	45	2025	0.2025
2		MSPL-23	45	45	2025	0.2025
3		MSPL-24	45	45	2025	0.2025
SUB TOTAL			135	135	6075	0.6075
METERING YARD						
1	SY.No. 110	M4	20	10	200	0.0200
SUB TOTAL						0.0200
APPROACH ROADS						
SL.No	SY.No	PARTICULAR	LENGTH (m)	WIDTH (m)	AREA (Sqm)	Area (Ha)
1	SY.No. 110	A18 TO A20	270	8	2160	0.2160
2		A20 TO A21	70	8	560	0.0560
3		A20 TO A22	320	8	2560	0.2560
4		A22 TO A23	163	8	1304	0.1304
5		A23 TO A24	177	8	1416	0.1416
SUB TOTAL			1000	8	8000	0.8000
TRANSMISSION LINE						
SL.No	SY.No	PARTICULAR	LENGTH (m)	WIDTH (m)	AREA (Sqm)	Area (Ha)
1	SY.No. 110	T14 TO T24	55	15	825	0.0825
2		T24 TO T25	90	15	1350	0.1350
3		T24 TO T26	85	15	1275	0.1275
4		T6 TO T27	125	15	1875	0.1875
5		T28 TO T29	460	15	6900	0.6900
6		T30 TO T31	210	15	3150	0.3150
7		T22 TO T23	295	15	4425	0.4425
SUB TOTAL			1320	15	19800	1.9800
					GRAND TOTAL	3.4075

GPS READINGS OF EXISTING WINDMILLS IN SY.No.97 REVENUE LAND AREA BELONGS TO M/s. MSPL LIMITED

SL.No	WEG	LATITUDE	LONGITUDE
1	MSPL-02	N14° 19 03.2"	E76° 23' 26.6"
2	MSPL-03	N14° 18' 57.8"	E76° 23' 28.8"
3	MSPL-04	N14° 18' 52.4"	E76° 23' 29.5"
4	MSPL-05	N14° 18' 46.9"	E76° 23' 31.0"
5	MSPL-06	N14° 18' 41.4"	E76° 23' 30.6"

METERING YARD

GPS READINGS METERING YARD AREA OF EXISTING WINDMILLS IN SY.No.98 OF SECTION 4 FOREST AREA BELONGS TO M/s. MSPL LIMITED

M1		
1	N14° 18' 11.6"	E76° 23' 34.6"
2	N14° 18' 10.9"	E76° 23' 34.9"
3	N14° 18' 10.6"	E76° 23' 34.2"
4	N14° 18' 11.3"	E76° 23' 33.9"
M2		
1	N14° 18' 23.1"	E76° 23' 30.9"
2	N14° 18' 23.0"	E76° 23' 31.7"
3	N14° 18' 22.3"	E76° 23' 31.5"
4	N14° 18' 22.5"	E76° 23' 30.8"

DATUM : WGS 84

GPS READINGS METERING YARD AREA OF EXISTING WINDMILLS IN SY.No.110 OF PROTECTED FOREST AREA BELONGS TO M/s. MSPL LIMITED

M4		
1	N14° 18' 32.3"	E76° 23' 09.6"
2	N14° 18' 32.3"	E76° 23' 10.3"
3	N14° 18' 32.0"	E76° 23' 10.3"
4	N14° 18' 32.0"	E76° 23' 09.6"

DATUM : WGS 84

AREA PROPOSED IN FOREST AREA BY M/s. MSPL LIMITED

SL.No	PARTICULAR	SY.No	AREA (Sq.m)	AREA (Ha)	REMARKS
1	WINDMILLS	SY.No.98 SECTION 4 FOREST AREA	12150	1.2150	FC PROPOSED BY M/s. MSPL LIMITED
2	METERING YARD (M1 & M2)		948	0.0948	
3	APPROACH ROADS		26088	2.6088	
4	33 KV TRANSMISSION LINES		43190	4.3190	
		SUB TOTAL	81576	8.1576	
5	APPROACH ROADS	SY.No.97 SECTION 4 FOREST AREA	1448	0.1448	
6	WINDMILLS	SY.No.110 PROTECTED FOREST AREA	6075	0.6075	
7	METERING YARD (M4)		200	0.0200	
8	APPROACH ROADS		8000	0.800	
9	33 KV TRANSMISSION LINES		19800	1.980	
		SUB TOTAL	34075	3.4075	
		GRAND TOTAL	117099	11.7099	Considered : 11.71Ha

AREA PROPOSED IN FOREST AREA BY M/s. RMML

SL.No	PARTICULAR	SY.No	AREA (Sq.m)	AREA (Ha)	REMARKS
6	WINDMILLS	SY.No.97 SECTION 4 FOREST AREA	2025	0.203	FC PROPOSED BY M/s. RAMGAD MINERALS & MINING LIMITED
7	METERING YARD (M3)		200	0.020	
8	APPROACH ROADS		976	0.098	
9	33 KV TRANSMISSION LINES		22950	2.300	
		SUB TOTAL	26151	2.630	Considered : 2.63Ha
		GRAND TOTAL	143250	14.3399	Considered : 14.34Ha

AREA PROPOSED IN REVENUE AREA

SL.No	PARTICULAR	SY.No	AREA (Sq.m)	AREA (Ha)	REMARKS
1	WINDMILLS	SY.No.97	10125	1.0125	
2	METERING YARD		625	0.0625	
3	APPROACH ROADS		20200	2.0200	
4	33 KV TRANSMISSION LINES		16145	1.6145	
		SUB TOTAL	47095	4.7095	
5	APPROACH ROADS	SY.No.98	2480	0.2480	
6	33 KV TRANSMISSION LINES		2325	0.2325	
		SUB TOTAL	4805	0.4805	
		GRAND TOTAL	51900	5.1900	

M/s. RAMGAD MINERALS & MINING LIMITED (FOREST AREA)

GPS READINGS OF EXISTING WINDMILLS IN SY.No.97 SECTION 4 FOREST AREA BELONGS TO M/s. RAMGAD MINERALS & MINING LIMITED

SL.No	WEG	LATITUDE	LONGITUDE
1	RMML 1	N14° 18' 35.3"	E76° 23' 33.3"

GPS READINGS WEG'S COVERED AREA OF EXISTING WINDMILLS IN SY.No.97 SECTION 4 FOREST AREA BELONGS TO M/s. RAMGAD MINERALS & MINING LIMITED

POINT	LATITUDE	LONGITUDE
RMML-01		
1	N14° 18' 36.0"	E76° 23' 32.6"
2	N14° 18' 36.0"	E76° 23' 34.1"
3	N14° 18' 34.6"	E76° 23' 34.1"
4	N14° 18' 34.6"	E76° 23' 32.6"

DATUM : WGS 84

METERING YARD

GPS READINGS METERING YARD AREA OF EXISTING WINDMILLS IN SY.No.97 SECTION 4 FOREST AREA BELONGS TO M/s. RAMGAD MINERALS & MINING LIMITED

M3		
1	N14° 18' 35.7"	E76° 23' 31.9"
2	N14° 18' 35.7"	E76° 23' 32.6"
3	N14° 18' 35.3"	E76° 23' 32.6"
4	N14° 18' 35.3"	E76° 23' 31.9"

DATUM : WGS 84

RAMGAD MINERALS & MINING LIMITED

APPROACH ROAD

SEGMENT	SY.No	PARTICULAR	LENGTH (m)	WIDTH (m)	AREA (Sqm)	Area (Ha)
1	SY.No.97	A33 TO A37	122	8	976	0.10
				TOTAL		0.10

WIND MILLS

PATCH	SY.No	PARTICULAR	LENGTH (m)	WIDTH (m)	AREA (Sqm)	Area (Ha)
1	SY.No.97	WEG	45	45	2025	0.203
2		METERING YARD	20	10	200	0.020
				TOTAL		0.230

TRANSMISSION LINE

SEGMENT	SY.No	PARTICULAR	LENGTH (m)	WIDTH (m)	AREA (Sqm)	Area (Ha)
1	SY.No.97	T17 - T18	680	15	10200	1.02
2		T3-T18	24	15	360	0.04
3		T18 - T19	412	15	6180	0.62
4		T19-T20	243	15	3645	0.36
5		T19-T21	171	15	2565	0.26
		TOTAL			22950	2.30
					GRAND TOTAL	2.63

GPS READINGS OF FOREST BOUNDARY & CONTROL POINTS

POINT	LATITUDE	LONGITUDE	Remarks
Tri_Junction point	N14° 17' 59.1"	E76° 23' 57.0"	Opp to University
RF - 1	N14° 18' 38.2"	E76° 23' 15.3"	on Ridge/Slope
RF - 2	N14° 18' 39.6"	E76° 23' 55.9"	NH ROAD

DATUM : WGS 84

COMPONENTWISE, COMPANYWISE AND LAND WISE AREA DETAILS

SL.No	COMPONENT	FC PROPOSED AREA (Ha) BY M/s. MSPL LIMITED	NON-FOREST AREA (Ha)	FC PROPOSED AREA (Ha) BY M/s. RAMGAD MINERALS & MINING LIMITED	TOTAL AREA (Ha)
1	WTG	1.8225	1.0125	0.203	3.038
2	METERING YARD	0.1148	0.0625	0.020	0.197
3	APPROACH ROAD	3.5536	2.2680	0.098	5.919
4	33 KV TRANSMISSION LINE	6.2190	1.8470	2.300	10.366
	TOTAL	11.7099	5.1900	2.6300	19.530
Considered Total Area		11.710	5.190	2.630	19.530

AREA DETAILS

SL.No	PARTICULAR	AREA (Ha)	REMARKS
1	M/s. MSPL LIMITED	11.71	FOREST
2		5.19	REVENUE
	SUB TOTAL	16.90	
3	M/s. RAMGAD MINERALS & MINING LIMITED	2.63	FOREST
4		0.00	REVENUE
	SUB TOTAL	2.63	
	GRAND TOTAL	19.53	

FOREST CLEARANCE PROPOSED BY **M/s. RAMGAD MINERALS & MINING LIMITED** IN SY.No.97 SECTION 4 FOREST AREA

- EXISTING WINDMILL (1 No)
- METERING YARD (1 No)
- APPROACH ROADS
- 33 KV TRANSMISSION LINE

FOREST CLEARANCE PROPOSED BY **M/s. MSPL LIMITED** IN SY.No.98 SECTION 4 FOREST AREA + SY. No. 110 PROTECTED FOREST AREA

- EXISTING WINDMILLS (9 No.s)
- METERING YARD (3 No.s)
- APPROACH ROADS
- 33 KV TRANSMISSION LINE

EXISTING WINDMILLS AND OTHER ELEMENTS OF **M/s. MSPL LIMITED** IN SY.No.97,98 REVENUE AREA

- EXISTING WINDMILLS (5 No.s)
- METERING YARD (1 No.s)
- APPROACH ROADS
- 33 KV TRANSMISSION LINE

GENERAL INDEX

- FOREST BOUNDARY
- VILLAGE BOUNDARY
- SURVEY No.s
- NALLA
- NATIONAL HIGHWAY

DIVERSION OF 11.71 Ha OF FOREST LAND IN SY.No 97,98 & 110 OF GUDDADARANGAVVANAHALLI VILLAGE OF CHITRADURGA TALUK & CHITRADURGA DISTRICT FOR EXISTING 8.55 MW WIND POWER PROJECT IN FAVOR OF M/s. MSPL LIMITED HOSAPETE.

SCALE : 1: 4000 | DATE : 14.12.2020

for MSPL LIMITED

Authorised Signatory