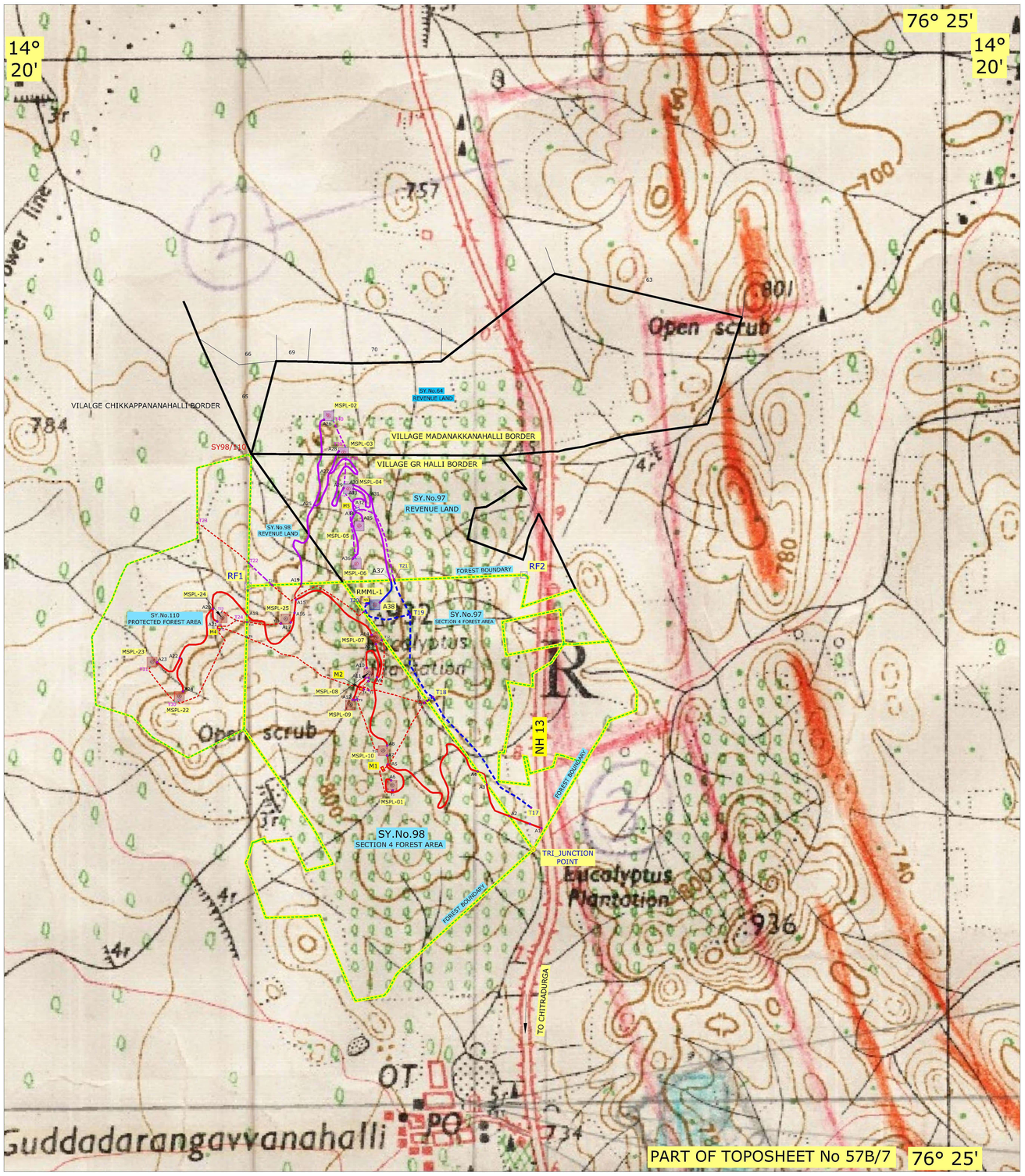


THE DETAILS DIVERSION OF 11.71 Ha OF FOREST LAND IN SY.No 97,98 & 110 OF GUDDADARANGAVVANAHALLI VILLAGE OF CHITRADURGA TALUK & CHITRADURGA DISTRICT FOR EXISTING 8.55 MW WINDPOWER PROJECT IN FAVOR OF M/s. MSPL LIMITED HOSAPETE.

WINDMILLS (MSPL) - FOREST

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

SL.No	WEG	LATITUDE	LONGITUDE
1	MSPL-01	N14.30242	E76.39328
2	MSPL-07	N14.30844	E76.39264
3	MSPL-08	N14.30703	E76.39233
4	MSPL-09	N14.30572	E76.39156
5	MSPL-10	N14.30383	E76.39289
6	MSPL-25	N14.30925	E76.38886

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

SL.No	WEG	LATITUDE	LONGITUDE
1	MSPL-22	N14.30611	E76.38438
2	MSPL-23	N14.30752	E76.38325
3	MSPL-24	N14.30931	E76.38619

DATUM : WGS 84

WINDMILLS (MSPL) - REVENUE AREA

GPS READINGS OF EXISTING WINDMILLS & METERING YARD IN SY.No.97 GR HALLI VILLAGE (REVENUE LAND) BELONGS TO M/s. MSPL LIMITED

SL.No	WEG	LATITUDE	LONGITUDE
1	MSPL-04	N14.31455	E76.39152
2	MSPL-05	N14.31304	E76.39195
3	MSPL-06	N14.31149	E76.39183
4	METERING YARD (M5)	N14.31372	E76.39188

WINDMILLS (MSPL) - REVENUE AREA

GPS READINGS OF EXISTING WINDMILLS IN SY.No.64 OF MADANAYAKANAHALLI VILLAGE (REVENUE LAND) BELONGS TO M/s. MSPL LIMITED

SL.No	WEG	LATITUDE	LONGITUDE
1	MSPL-02	N14.31755	E76.39072
2	MSPL-03	N14.31604	E76.39133

DATUM : WGS 84

WINDMILLS (MSPL) - FOREST

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

POINT	LATITUDE	LONGITUDE
MSPL-01		
1	N14.30262	E76.39307
2	N14.30262	E76.39348
3	N14.30221	E76.39348
4	N14.30221	E76.39306
MSPL-07		
1	N14.30850	E76.39236
2	N14.30874	E76.39270
3	N14.30840	E76.39294
4	N14.30817	E76.39260
MSPL-08		
1	N14.30723	E76.39212
2	N14.30723	E76.39254
3	N14.30682	E76.39254
4	N14.30682	E76.39212
MSPL-09		
1	N14.30592	E76.39134
2	N14.30592	E76.39176
3	N14.30551	E76.39176
4	N14.30552	E76.39134
MSPL-10		
1	N14.30404	E76.39270
2	N14.30404	E76.39311
3	N14.30363	E76.39311
4	N14.30364	E76.39269
MSPL-25		
1	N14.30945	E76.38865
2	N14.30945	E76.38907
3	N14.30904	E76.38906
4	N14.30904	E76.38865

DATUM : WGS 84

WINDMILLS (MSPL) - REVENUE AREA

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

POINT	LATITUDE	LONGITUDE
MSPL-22		
1	N14.30631	E76.38417
2	N14.30631	E76.38459
3	N14.30590	E76.38459
4	N14.30590	E76.38417
MSPL-23		
1	N14.30772	E76.38304
2	N14.30772	E76.38346
3	N14.30731	E76.38345
4	N14.30732	E76.38304
MSPL-24		
1	N14.30952	E76.38598
2	N14.30951	E76.38640
3	N14.30911	E76.38640
4	N14.30911	E76.38598

DATUM : WGS 84

METERING YARD (MSPL) - FOREST

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

M1		
1	N14.30314	E76.39281
2	N14.30319	E76.39289
3	N14.30303	E76.39298
4	N14.30298	E76.39290
M2		
1	N14.30642	E76.39193
2	N14.30639	E76.39212
3	N14.30630	E76.39210
4	N14.30634	E76.39192

DATUM : WGS 84

METERING YARD (MSPL) - FOREST

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

M4		
1	N14.30897	E76.38600
2	N14.30897	E76.38618
3	N14.30888	E76.38618
4	N14.30888	E76.38600

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	0.203
2		MSPL-07	45	45	2025	0.203
3		MSPL-08	45	45	2025	0.203
4		MSPL-09	45	45	2025	0.203
5		MSPL-10	45	45	2025	0.203
6		MSPL-25	45	45	2025	0.203
				TOTAL	**12150**	**1.220**
10	SY.No. 98	METERING YARD (M1)	20	10	200	0.020
11		METERING YARD (M2)	20	10	200	0.020
				TOTAL	**400**	**0.040**

APPROACH ROAD

SEGMENT	SY.No	PARTICULAR	LENGTH (m)	WIDTH (m)	AREA (Sqm)	Area (Ha)
1	SY.No 97	A1 TO A2	99	8	792	0.079
2		A3 TO A4	82	8	656	0.066
3	SY.No 98	A2 TO A3	195	8	1560	0.156
4		A4 TO A5	887	8	7096	0.710
5		A5 TO A6	302	8	2416	0.242
6		A5 TO A7	38	8	304	0.030
7		A8 TO A9	352	8	2816	0.282
8		A9 TO A10	225	8	1800	0.180
9		A11 TO A12	119	8	952	0.095
10		A9 TO A13	161	8	1288	0.129
11		A14 TO A15	429	8	3432	0.343
12		A15 TO A17	105	8	840	0.084
13		A16 TO A18	365	8	2920	0.292
14		A15 TO A19	83	8	664	0.066
		TOTAL	**3442**	**8**	**27536**	**2.800**

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	275	15	4125	0.413
4		T5-T6	600	15	9000	0.900
5		T7-T8	127	15	1905	0.191
6		T9-T10	246	15	3690	0.369
7		T11-T12	262	15	3930	0.393
8		T13-T14	155	15	2325	0.233
9		T15-T16	602	15	9030	0.903
	TOTAL		**2793**	**15**	**41895**	**4.200**
					GRAND TOTAL	**8.300**

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	0.203
2		MSPL-23	45	45	2025	0.203
3		MSPL-24	45	45	2025	0.203
SUB TOTAL			**135**	**135**	**6075**	**0.610**
METERING YARD						
1	SY.No.110	M4	20	10	200	0.020
SUB TOTAL						**0.020**
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	0.216
2		A20 TO A21	70	8	560	0.056
3		A20 TO A22	320	8	2560	0.256
4		A22 TO A23	163	8	1304	0.130
5		A23 TO A24	177	8	1416	0.142
SUB TOTAL			**1000**	**8**	**8000**	**0.800**
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	0.083
2		T24 TO T25	90	15	1350	0.135
3		T24 TO T26	85	15	1275	0.128
4		T6 TO T27	125	15	1875	0.188
5		T28 TO T29	460	15	6900	0.690
6		T30 TO T31	210	15	3150	0.315
7		T22 TO T23	295	15	4425	0.443
SUB TOTAL			**1320**	**15**	**19800**	**1.980**
					GRAND TOTAL	**3.410**

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**	

AREA PROPOSED IN FOREST AREA (GR HALLI)

SL.No	PARTICULAR	SY.No	AREA (Sq.m)	AREA (Ha)	REMARKS
1	WINDMILLS	SY.No.98 SECTION 4 FOREST AREA	12150	1.220	FC PROPOSED BY M/s. MSPL LIMITED
2	METERING YARD (M1 & M2)		400	0.040	
3	APPROACH ROADS		26088	2.655	
4	33 KV TRANSMISSION LINES		41895	4.200	
		SUB TOTAL	**80533**	**8.155**	
5	APPROACH ROADS	SY.No.97 SECTION 4 FOREST AREA	**1448**	**0.145**	
6	WINDMILLS	SY.No.110 PROTECTED FOREST AREA	6075	0.610	
7	METERING YARD (M4)		200	0.020	
8	APPROACH ROADS		8000	0.800	
9	33 KV TRANSMISSION LINES		19800	1.980	
		SUB TOTAL	**34075**	**3.410**	
		GRAND TOTAL	**116056**	**11.710**	
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**	
		GRAND TOTAL	**142207**	**14.340**	

AREA PROPOSED IN REVENUE AREA (GR HALLI)

SL.No	PARTICULAR	SY.No	AREA (Sq.m)	AREA (Ha)	REMARKS
10	WINDMILLS	SY.No.97	6075	0.614	
11	METERING YARD		200	0.020	
12	APPROACH ROADS		18864	1.966	
13	33 KV TRANSMISSION LINES		12975	1.350	
		SUB TOTAL	**38114**	**3.950**	
14	APPROACH ROADS	SY.No.98	2480	0.250	
15	33 KV TRANSMISSION LINES		2325	0.240	
		SUB TOTAL	**4805**	**0.490**	
		GRAND TOTAL	**42919**	**4.440**	

AREA PROPOSED IN REVENUE AREA (MADANAYAKANAHALLI)

SL.No	PARTICULAR	SY.No	AREA (Sq.m)	AREA (Ha)	REMARKS
10	WINDMILLS	SY.No.64	4050	0.406	
11	METERING YARD		0	0.000	
12	APPROACH ROADS		1336	0.134	
13	33 KV TRANSMISSION LINES		2100	0.210	
		SUB TOTAL	**7486**	**0.750**	
		GRAND TOTAL	**50405**	**5.190**	

THE DETAILS DIVERSION OF 02.63 Ha OF FOREST LAND IN SY.No 97 OF GUDDADARANGAVVANAHALLI VILLAGE OF CHITRADURGA TALUK & CHITRADURGA DISTRICT FOR EXISTING 0.95 MW WINDPOWER PROJECT IN FAVOR OF M/s. RAMGAD MINERALS & MINING LIMITED HOSAPETE.

WINDMILL (RMML) - FOREST

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

SL.No	WEG	LATITUDE	LONGITUDE
1	RMML 1	N14.30981	E76.39258

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

POINT	LATITUDE	LONGITUDE
RMML-01		
1	N14.31001	E76.39239
2	N14.31001	E76.39281
3	N14.30960	E76.39280
4	N14.30960	E76.39239

DATUM : WGS 84

METERING YARD (RMML) - FOREST

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

M3		
1	N14.30991	E76.39220
2	N14.30990	E76.39239
3	N14.30981	E76.39239
4	N14.30982	E76.39220

DATUM : WGS 84

RAMGAD MINERALS & MINING LIMITED

SEGMENT	SY.No	PARTICULAR	LENGTH (m)	WIDTH (m)	AREA (Sqm)	Area (Ha)
APPROACH ROAD						
1	SY.No.97	A37 TO A38	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						
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**

GENERAL INDEX

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

COMPONENTWISE, COMPANYWISE AND LAND WISE AREA DETAILS

SL.No	COMPONENT	FC PROPOSED AREA (Ha) BY M/s. MSPL LIMITED			FC PROPOSED AREA (Ha) BY M/s. RAMGAD MINERALS & MINING LIMITED	TOTAL AREA (Ha)
		FOREST AREA	NON-FOREST AREA (Ha)		FOREST	
			GR HALLI	MD HALLI		
1	WTG	1.830	0.614	0.406	0.203	3.053
2	METERING YARD	0.060	0.020	0.000	0.020	0.100
3	APPROACH ROAD	3.600	2.216	0.134	0.098	6.047
4	33 KV TRANSMISSION LINE	6.180	1.590	0.210	2.300	10.280
	TOTAL	**11.710**	**4.440**	**0.750**	**2.630**	**19.530**

EXISTING WINDMILLS AND OTHER ELEMENTS OF **M/s. MSPL LIMITED** IN SY.No.97,98 & 110 OF 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 OF GR HALLI & SY.No.64 OF MD HALLI IN REVENUE AREA
- EXISTING WINDMILLS (5 No.s)
- METERING YARD (1 No.s)
- APPROACH ROADS
- 33 KV TRANSMISSION LINE

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

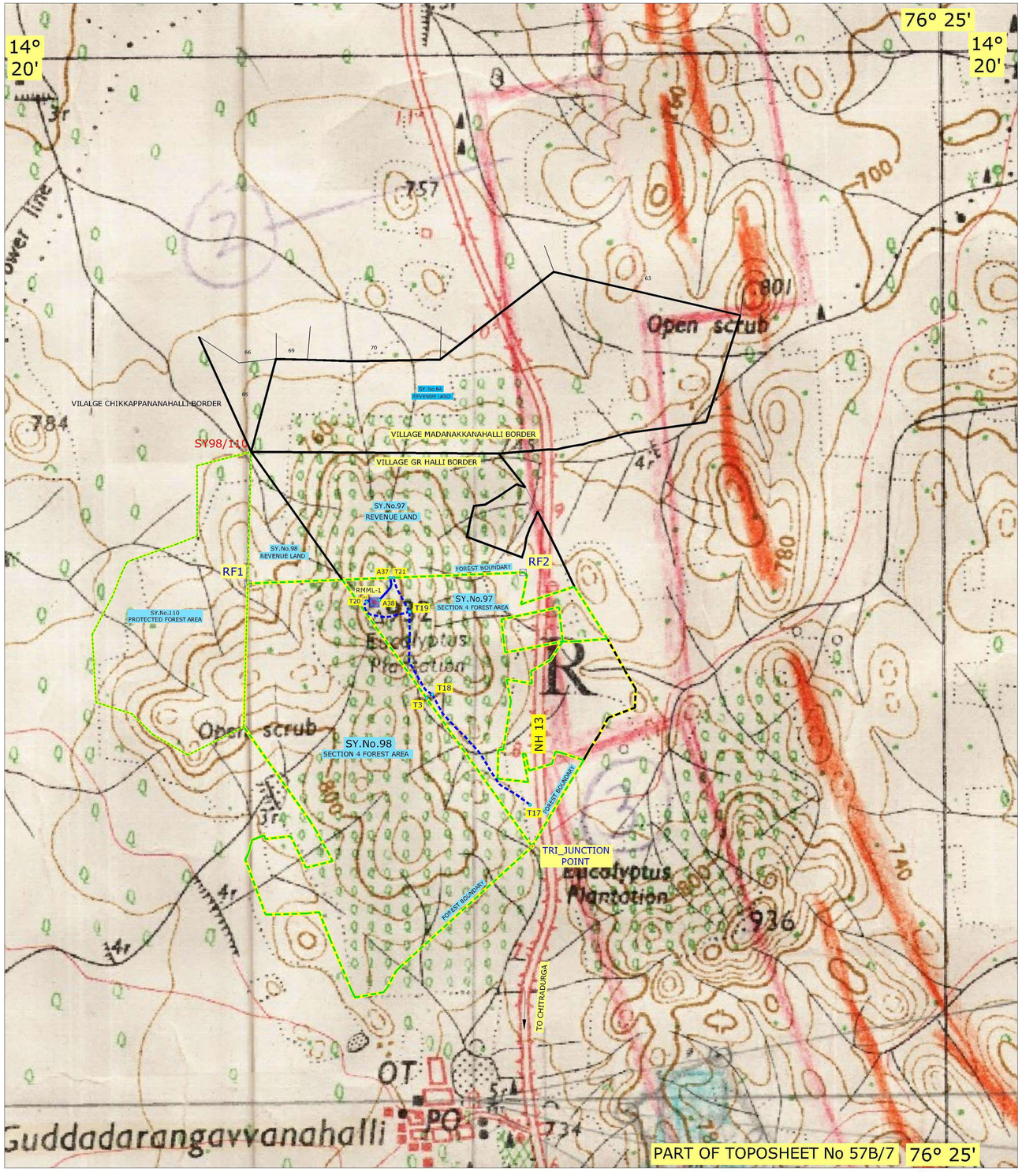
TOPO MAP - I SHOWING THE BOUNDARIES OF BOTH PROPOSALS M/s. RAMGAD MINERALS & MINING LIMITED & M/s. MSPL LIMITED IN SY.No 97, 98 & 110 OF GUDDADARANGAVVANAHALLI VILLAGE & SY.No.64 OF MADANAYAKANAHALLI OF CHITRADURGA TALUK & CHITRADURGA DISTRICT FOR EXISTING WIND POWER PROJECT.

SCALE : 1: 10000 | DATE : 17.08.2019

for RAMGAD MINERALS & MINING LIMITED

Authorised Signatory

THE DETAILS DIVERSION OF 02.63 Ha OF FOREST LAND IN SY.No 97 OF GUDDADARANGAVVANAHALLI VILLAGE OF CHITRADURGA TALUK & CHITRADURGA DISTRICT FOR EXISTING 0.95 MW WINDPOWER PROJECT IN FAVOR OF M/s. RAMGAD MINERALS & MINING LIMITED HOSAPETE.



WINDMILL (RMML) - FOREST

GPS READINGS OF EXISTING WINDMILLS IN SY.No.97 (GR HALLI VILLAGE) IN SECTION 4 FOREST AREA OF GRHALLI VILLAGE BELONGS TO M/s. RAMGAD MINERALS & MINING LIMITED			
SL.No	WEG	LATITUDE	LONGITUDE
1	RMML 1	N14.30981	E76.39258

GPS READINGS WEG'S COVERED AREA OF EXISTING WINDMILLS IN SY.No.97 (GR HALLI VILLAGE) SECTION 4 FOREST AREA BELONGS TO M/s. RAMGAD MINERALS & MINING LIMITED		
RMML-01		
POINT	LATITUDE	LONGITUDE
1	N14.31001	E76.39239
2	N14.31001	E76.39281
3	N14.30960	E76.39280
4	N14.30960	E76.39239
DATUM : WGS 84		

METERING YARD (RMML) - FOREST

GPS READINGS METERING YARD AREA OF EXISTING WINDMILLS IN SY.No.97 (GR HALLI VILLAGE) SECTION 4 FOREST AREA BELONGS TO M/s. RAMGAD MINERALS & MINING LIMITED		
M3		
1	N14.30991	E76.39220
2	N14.30990	E76.39239
3	N14.30981	E76.39239
4	N14.30982	E76.39220
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	A37 TO A38	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			

AREA DETAILS			
1	M/s. RAMGAD MINERALS & MINING LIMITED	2.63	FOREST
2		0.00	REVENUE
	SUB TOTAL	**2.63**	

COMPONENTWISE, COMPANYWISE AND LAND WISE AREA DETAILS		
SL.No	COMPONENT	FC PROPOSED AREA (Ha) BY M/s. RAMGAD MINERALS & MINING LIMITED
1	WTG	2.300
2	METERING YARD	0.020
3	APPROACH ROAD	0.036
4	33 KV TRANSMISSION LINE	0.203
	TOTAL	**2.630**

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

GENERAL INDEX

- FOREST BOUNDARY
- NALLA
- NATIONAL HIGHWAY

TOPO MAP - II SHOWING DIVERSION OF 2.63 Ha OF FOREST LAND IN SY.No 97 OF GUDDADARANGAVVANAHALLI VILLAGE OF CHITRADURGA TALUK & CHITRADURGA DISTRICT FOR EXISTING 0.95 MW WIND POWER PROJECT IN FAVOR OF M/s. RAMGAD MINERALS & MINING LIMITED HOSAPETE.

SCALE : 1: 15000 | DATE : 17.08.2019

for RAMGAD MINERALS & MINING LIMITED

Authorised Signatory