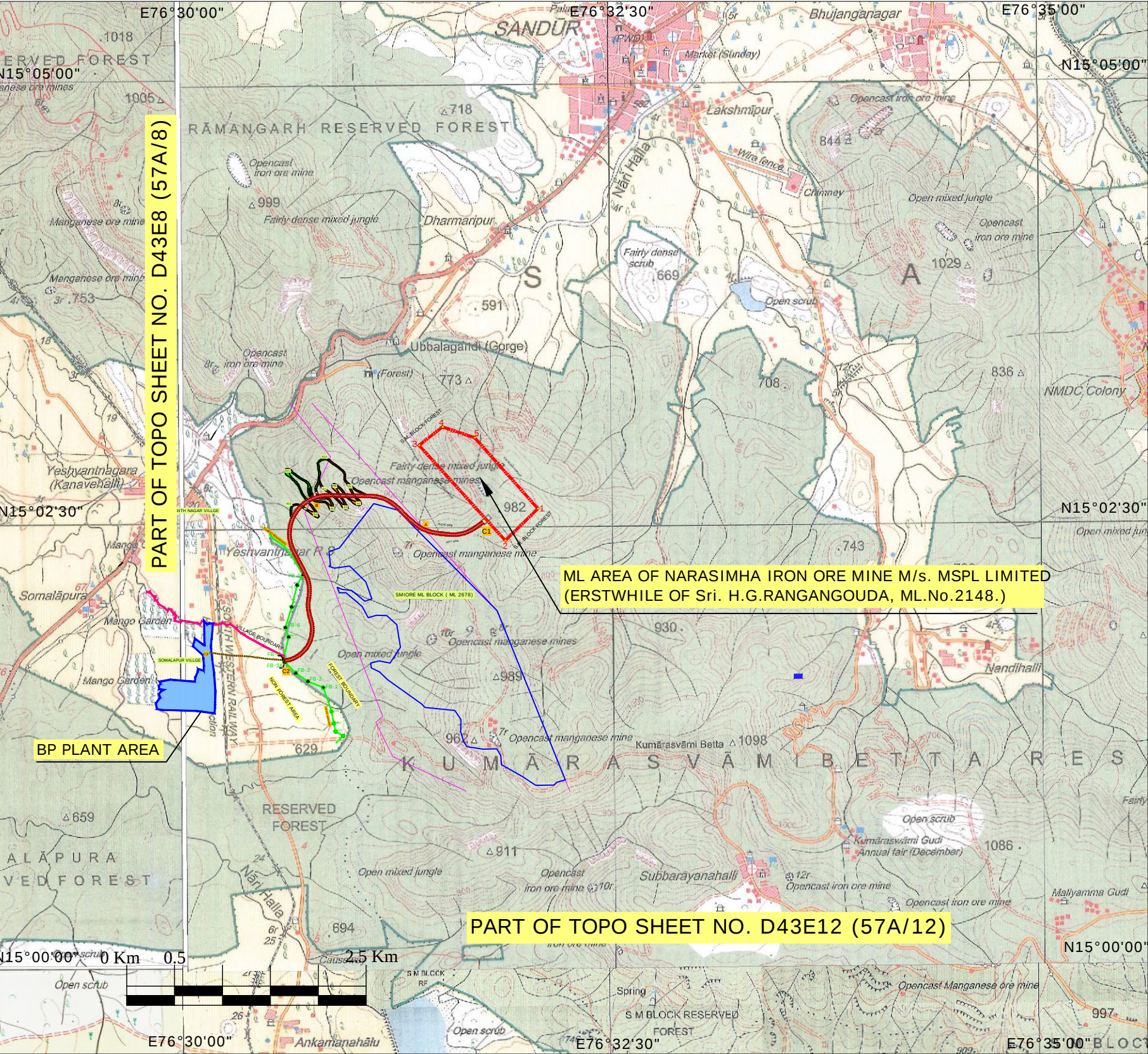


THE TOPO MAP SHOWING THE PROPOSED DOWNHILL PIPE CONVEYOR SYSTEM INCLUDES DHPC INFRASTRUCTURES, APPROACH ROAD, SERVICE ROAD, POWER TRANSMISSION LINES, WATER LINE, FIRE HYDRANT LINE AREA FOR TRANPORTATION OF IRON ORE FROM NARASIMHA IRON ORE MINE OF M/S. MSPL LIMITED., (ERSTWHILE LESSEE SRI. H.G.RANGANGOUDA ML.NO.2148) TO PELLET & BENEFICATION PLANT AREA OF M/S. MSPL LIMITED, OVER AN EXTENT OF 19.17 Ha IN SM BLOCK FOREST, SANDUR SOUTH RANGE, SANDUR TALUK, BALLARI DIVISION, BALLARI DISTRICT KARNATAKA STATE



DGPS CO-ORDINATES OF NARASIMHA IRON ORE MINES OF M/S. MSPL LIMITED, (ERSTWHILE LESSEE SRI. H.G.RANGANGOUDA ML.NO.2148)					
SL. NO.	POINT ID	GEOGRAPHIC CO-ORDINATES		UTM CO-ORDINATES	
		LATITUDE	LONGITUDE	EASTING	NORTHING
1	LBC-1	N15° 02' 34.56274"	E76° 32' 05.06362"	664980.222	1663648.290
2	LBC-2	N15° 02' 23.77176"	E76° 31' 53.59217"	664639.909	1663314.269
3	LBC-3	N15° 02' 56.30705"	E76° 31' 23.70140"	663740.260	1664308.000
4	LBC-4	N15° 03' 02.51540"	E76° 31' 31.88420"	663983.328	1664500.490
5	LBC-5	N15° 02' 58.78238"	E76° 31' 43.12497"	664319.833	1664388.087

DGPS CO-ORDINATES OF FOREST BOUNDARY					
DATUM :WGS-84 PROJECTION:UTM Zones 43N					
POINT NAME	LATITUDE	LONGITUDE	EASTING	NORTHING	
FB-1	N15°01'34.29267"	E76°30'49.64015"	662740.289	1661780.459	
FB-2	N15°01'36.44097"	E76°30'44.25779"	662579.073	1661845.381	
FB-3	N15°01'39.22686"	E76°30'40.05447"	662452.940	1661930.140	
FB-3A	N15°01'43.05448"	E76°30'36.17582"	662336.287	1662046.982	
FB-4	N15°01'43.99995"	E76°30'35.83705"	662325.970	1662075.970	
FB-5	N15°01'51.55088"	E76°30'37.64950"	662378.518	1662308.401	
FB-6	N15°01'54.76709"	E76°30'36.54509"	662344.856	1662407.019	
FB-7	N15°02'01.74821"	E76°30'38.78801"	662410.379	1662622.027	
FB-8	N15°02'09.16675"	E76°30'40.75609"	662467.600	1662850.422	
FB-9	N15°02'12.62122"	E76°30'42.78399"	662527.441	1662957.002	

DGPS CO-ORDINATES OF REFERENCE POINT					
DATUM :WGS-84 PROJECTION:UTM Zones 43N					
POINT NAME	LATITUDE	LONGITUDE	EASTING	NORTHING	
SANDUR FOREST OFFICE BLR-08 SO1	N15°04'34.09785"	E76°32'22.45997"	665474.135	1667325.614	

INDEX

NARASIMHA IRON ORE MINES OF M/S. MSPL LIMITED., (ERSTWHILE LESSEE SRI. H.G.RANGANGOUDA ML.NO.2148)

FOREST BOUNDARY

PLANT AREA OF MSPL LIMITED

VILLAGE BOUNDARY OF SOMALAPUR AND YASHWANTH NAGAR

DHC CORRIDOR INCULDES SERVICE ROAD (C2 TO C3) - NON FOREST

SMIORE LEASE AREA AS PER MMDR ACT (ML 2678)

SMIORE ML BLOCK (ML 2678)

FOREST LAND PROPOSED FOR DIVERSION - 19.170 Ha

PROPOSED FC AREA FALLS IN S.M.BLOCK FOREST - 10.81 Ha

DHC INFRASTRUCTURE 50Mx50M

DHC CORRIDOR INCULDES SERVICE ROAD (C1 TO A & B TO C2)

SERVICE ROADS

PROPOSED DHPC AREA OF MSPL FALLS IN S.M. BLOCK FOREST INSIDE MMDR AREA OF SMIORE - 8.36 Ha

DHC CORRIDOR INCULDES SERVICE ROAD (A TO B) - FOREST

SERVICE ROADS

PROPOSED DHPC AREA OF MSPL FALLS IN S.M. BLOCK FOREST AREA			
PARTICULARS	LENGTH(m)	WIDTH(m)	AREA(Ha)
DHPC INFRASTRUCTURES	50.00	30.00	0.250
SUB TOTAL			0.250
DHPC CORRIDOR, WHICH INCLUDES APPROACH ROAD (C1 TO A)	640.00	30.00	1.920
DHPC CORRIDOR, WHICH INCLUDES APPROACH ROAD (B TO C2)	1990.00	30.00	5.970
SUB TOTAL			7.890
SERVICE ROADS	AVERAGE LENGTH(m)	AVERAGE WIDTH (m)	AREA(Ha)
ROAD - S10	440.00	15.00	0.660
ROAD - S11	1060.00	15.00	1.590
ROAD - S12	200.00	15.00	0.300
ROAD - S13	20.00	15.00	0.030
ROAD - S14	60.00	15.00	0.090
SUB TOTAL			2.670
TOTAL			10.810

PROPOSED DHPC AREA OF MSPL FALLS IN S.M. BLOCK FOREST INSIDE MMDR AREA OF SMIORE			
PARTICULAR	LENGTH(m)	WIDTH(m)	AREA(Ha)
DHPC CORRIDOR, WHICH INCLUDES APPROACH ROAD (A TO B)	1310.00	30.00	3.930
SUB TOTAL			3.930
SERVICE ROADS	AVERAGE LENGTH(m)	AVERAGE WIDTH (m)	AREA(Ha)
ROAD - S1	353.33	15.00	0.530
ROAD - S2	380.00	15.00	0.570
ROAD - S3	546.67	15.00	0.820
ROAD - S4	386.67	15.00	0.580
ROAD - S5	660.00	15.00	0.990
ROAD - S6	373.33	15.00	0.560
ROAD - S7	180.00	15.00	0.270
ROAD - S8	62.00	15.00	0.093
ROAD - S9	11.00	15.00	0.017
SUB TOTAL			4.430
TOTAL			8.360

PROPOSED DHPC AREA OF MSPL FALLS IN NON FOREST AREA			
PARTICULARS	LENGTH(m)	WIDTH(m)	AREA(Ha)
DHPC CORRIDOR, WHICH INCLUDES APPROACH ROAD (C2 TO C3)	780.00	30.00	0.780
TOTAL			0.780

NON FOREST LAND DETAILS (SOMALAPUR VILLAGE, SANDUR TALUK)				
PARTICULARS	SY.No	LENGTH (m)	WIDTH (m)	AREA (Ha)
DHC CORRIDOR	110 /B, SOMALAPUR	720.00	10.00	0.72
	179, SOMALAPUR	40.00	10.00	0.04
	110 /A, SOMALAPUR	20.00	10.00	0.02
TOTAL		780.00	10.00	0.78

PROPOSED DETAILS OF DHPC AREA FALLS IN S.M.BLOCK FOREST			
PARTICULARS	S.M.BLOCK FOREST	SMIORE MMDR LEASE AREA	TOTAL
DHPC CORRIDOR, WHICH INCLUDES APPROACH ROAD	7.890	3.930	11.820
DHPC INFRASTRUCTURES	0.250	0.000	0.250
SERVICE ROADS	2.670	4.430	7.100
TOTAL		10.810	8.360
			19.170

for MSPL LIMITED

K.MADHUSUDHANA
VP Mines & CC