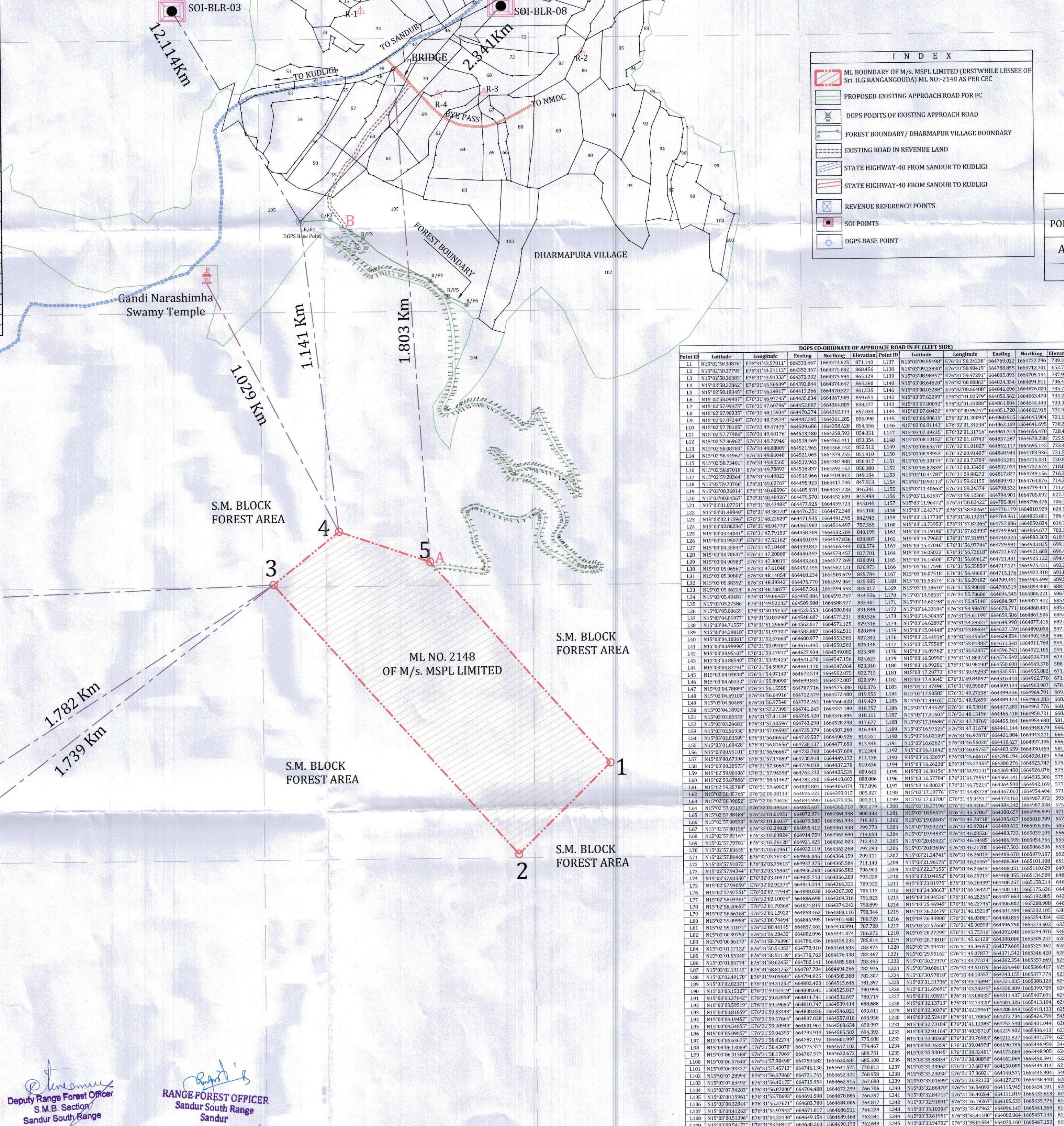


SKETCH SHOWING THE JOINT SURVEY AND DEMARCATION OF MINING LEASE AREA OF ML NO.2148 AND PROPOSED EXISTING APPROACH ROAD FOR ML AREA OF M/S.MSPL LIMITED (ERSTWHILE LESSEE OF SRI. H.G.RANGANGOUDA, ML NO 2148) OVER AN EXTENT OF 64.86 HA (60.66 HA FOR MINING + 4.20 HA FOR APPROACH ROAD) IN SM BLOCK FOREST, SANDUR SOUTH RANGE, SANDUR TALUK, BALLARI DIVISION, BALLARI DISTRICT KARNATAKA

DGPS CO-ORDINATES OF M/s. MSPL LIMITED (ERSTWHILE LESSEE OF Sri. H. G.RANGANGOUDA ML NO.2148) DATUM:WGS84									
SL. NO.	POINT ID	GEOGRAPHIC CO-ORDINATES		UTM CO-ORDINATES					
		LATITUDE	LONGITUDE	EASTING	NORTHING	ELEVATION			
1	BLR-08	N15° 04' 34.9800"	E76° 32' 22.4600"	665474.136	1667325.619	569.236			
2	LBC-1	N15° 02' 34.5627"	E76° 32' 05.0636"	664980.222	1663648.290	924.612			
3	LBC-2	N15° 02' 23.7717"	E76° 31' 53.5921"	664639.909	1663314.269	926.813			
4	LBC-3	N15° 02' 56.3075"	E76° 31' 23.7014"	663740.260	1664308.000	725.057			
5	LBC-4	N15° 03' 02.5154"	E76° 31' 31.8842"	663983.328	1664500.490	913.455			
6	LBC-5	N15° 02' 58.7823"	E76° 31' 43.1247"	66319.833	1664388.087	868.381			
DGPS CO-ORDINATES OF THE REFERENCE POINT									
Point Name	Latitude	Longitude	Easting	Northing	Elevation				
SOI-BLR-03 Siddapur	N15° 09' 18.4182"	E76° 28' 00.5837"	657595.760	1676010.121	666.145				
SOI-BLR-09 Nandihalli	N15° 01' 46.9513"	E76° 34' 38.5131"	669573.724	1662217.337	663.629				
BASE	N15° 03' 39.4485"	E76° 31' 27.6664"	663804.516	1665634.690	574.291				
Gandi Laxmi Temple	N15° 04' 00.0042"	E76° 31' 35.6001"	664082.075	1666268.070	580.343				
Gandi Laxminresha Swamy Temple	N15° 03' 32.2519"	E76° 31' 16.0135"	665053.043	1665411.113	597.031				
R/F-1	N15° 03' 39.4485"	E76° 31' 27.6664"	663804.516	1665634.690	574.291				
R/F-2	N15° 03' 37.2997"	E76° 31' 35.4213"	664081.565	1665705.253	589.411				
R/F-3	N15° 03' 39.5846"	E76° 31' 31.4416"	663962.231	1665639.653	670.510				
R/F-4	N15° 03' 32.0796"	E76° 31' 43.6534"	664328.519	1665411.535	621.092				
R/F-5	N15° 03' 30.2447"	E76° 31' 45.8166"	664939.964	1665355.584	626.221				
R/F-6	N15° 02' 59.4786"	E76° 31' 48.1201"	664462.701	1665322.550	623.402				
R/F-7	N15° 02' 52.5386"	E76° 30' 36.9630"	662351.532	1663260.149	690.043				
R/F-8	N15° 02' 22.0252"	E76° 30' 36.9397"	662350.915	1663244.821	718.802				
R/F-9	N15° 02' 25.6946"	E76° 30' 33.0632"	662234.380	1663354.182	711.013				
By Pass-Brig	N15° 03' 57.3844"	E76° 31' 39.4345"	664197.139	1666188.347	658.164				
R-1	N15° 04' 04.3650"	E76° 31' 35.5850"	664080.695	1666402.088	494.366				
R-2	N15° 03' 59.0767"	E76° 32' 02.7549"	664993.200	1666245.197	488.002				
R-3	N15° 03' 54.4098"	E76° 31' 50.6747"	664533.449	1666099.257	485.462				
R-4	N15° 03' 54.2744"	E76° 31' 44.9894"	664363.689	1666093.906	483.808				



Sl No	Description	Extent in Ha
1	ML BOUNDARY OF M/s. MSPL LIMITED (ERSTWHILE LESSEE OF Sri. H.G.RANGANGOUDA) ML NO.-2148 AS PER CEC	60.66
2	Approach Road for FC (A to B)	04.20
TOTAL AREA		64.86

PROPOSED EXISTING APPROACH ROAD DETAILS					
POINTS	LENGTH (mts)	Avg Width in (mts)	AREA in (Sq. mts)	AREA in (Ha)	REMARKS
A - B	4200.00	10.00	42000	4.20	FOREST
TOTAL AREA					4.20

DGPS CO-ORDINATE OF APPROACH ROAD IN FC (LEFT SIDE)											
Point Id	Latitude	Longitude	Easting	Northing	Elevation	Point Id	Latitude	Longitude	Easting	Northing	Elevation
L1	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R1	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L2	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R2	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L3	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R3	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L4	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R4	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L5	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R5	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L6	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R6	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L7	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R7	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L8	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R8	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L9	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R9	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L10	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R10	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L11	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R11	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L12	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R12	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L13	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R13	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L14	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R14	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L15	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R15	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L16	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R16	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L17	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R17	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L18	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R18	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L19	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R19	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L20	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R20	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L21	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R21	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L22	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R22	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L23	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R23	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L24	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R24	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L25	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R25	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L26	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R26	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L27	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R27	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L28	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R28	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L29	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R29	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L30	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R30	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L31	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R31	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L32	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R32	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L33	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R33	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L34	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R34	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L35	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R35	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L36	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R36	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L37	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R37	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L38	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R38	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L39	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R39	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L40	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R40	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L41	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R41	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L42	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R42	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L43	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R43	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L44	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R44	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L45	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R45	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L46	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R46	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L47	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R47	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L48	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R48	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L49	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R49	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L50	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R50	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L51	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R51	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L52	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R52	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L53	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R53	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L54	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R54	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L55	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R55	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L56	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R56	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L57	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R57	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L58	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R58	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L59	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R59	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L60	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R60	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L61	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R61	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L62	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R62	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L63	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R63	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L64	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R64	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L65	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R65	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L66	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R66	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181
L67	N15° 02' 36.3870"	E76° 31' 43.5211"	664332.467	1664772.791	791.181	R67	N15° 02' 36.3870"	E76° 31' 43.5211"	664332		