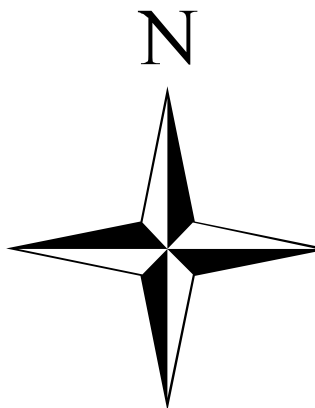
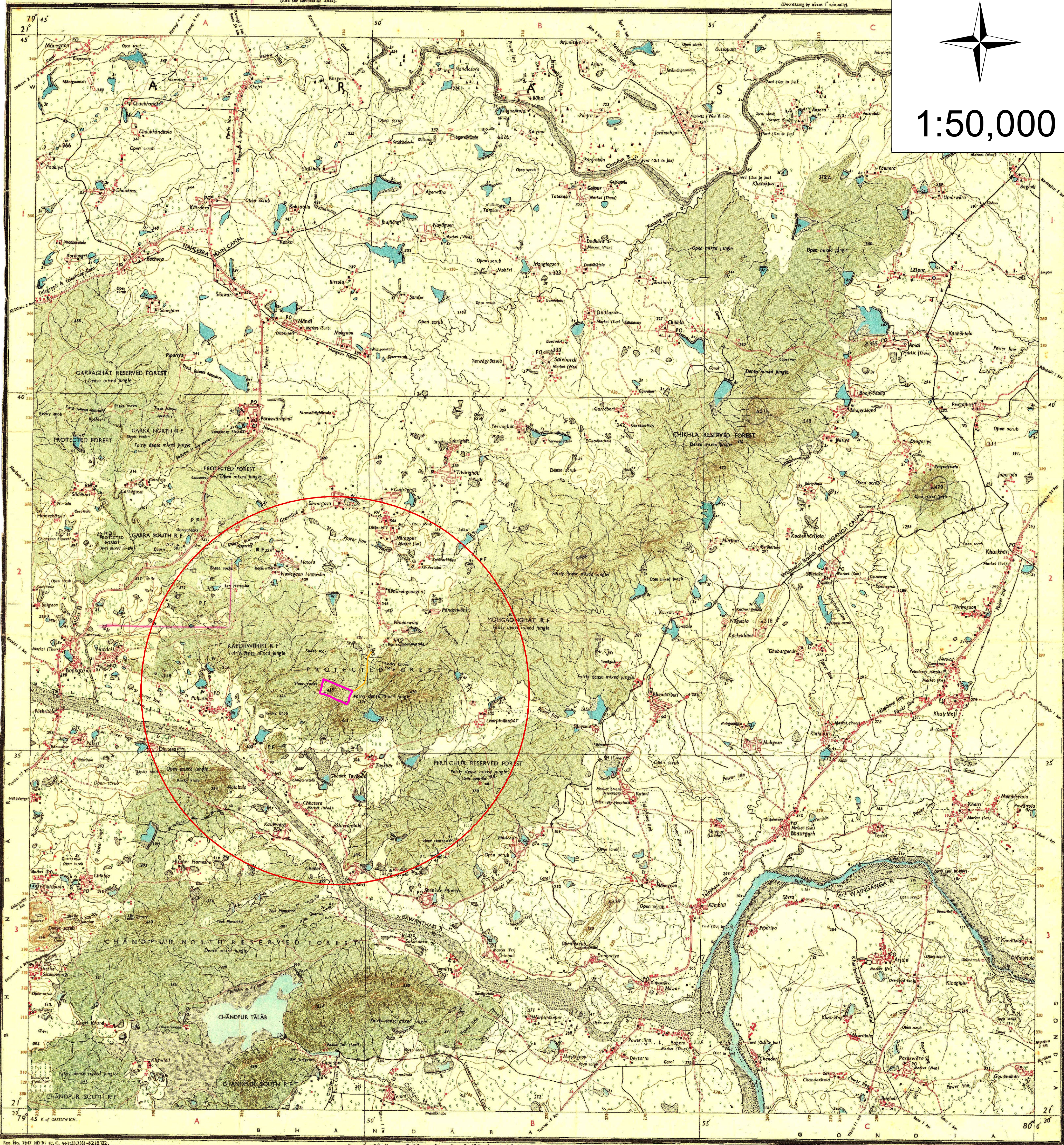


79°45'20"E 79°46'0"E 79°47'20"E 79°48'0"E 79°49'20"E 79°50'0"E 79°51'20"E 79°52'0"E 79°53'20"E 79°54'0"E 79°55'20"E 79°56'0"E 79°57'20"E 79°58'0"E 79°59'20"E 80°0'0"E 80°0'40"E

KEY PLAN OF ARPAN FERRO ALLOYS



1:50,000



Scale: 1:50,000

Index to Sheets

52° 50'	51° 15'	52° 15'
52° 15'	51° 45'	52° 45'
51° 45'	51° 15'	52° 15'

300 m to 1 cm

1:50,000

2 cm to 1 km

HEIGHTS & CONTOURS IN METRES

CONTOUR INTERVAL 10 METRES

Water features are shown in blue where they generally contain water.

Cultivated areas are coloured yellow.

The exterior boundaries of areas of Reserved or Protected Forests are shown by green ribbands.

* Not applicable.

The state boundary between Madhya Pradesh and Maharashtra States has been surveyed as pointed out by the local officials on the ground but has not been verified by the Governments concerned.

Unsurveyed roads are shown in red.

REFER TO THIS MAP AS: 1:50,000 SHEET 55 O/14 FIRST EDITION

INDIA भारत

COMPILATION INDEX

A Modern survey 1978-79.

B Compiled from 1:25,000 survey 1973-75. No rapid verification of details was done during 1978-79.

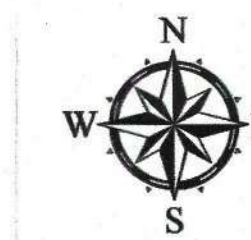
Legend

- 5KM Buffer Zone
- Lease Boundary
- Safety Zone
- Road

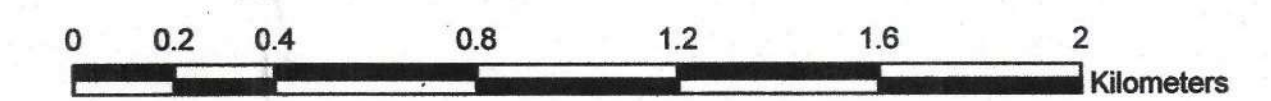
MADHYA PRADESH FOREST DEPARTMENT SOUTH BALAGHAT DIVISION

Range: Katangi and Khairlanji

Sheet No. 55-014-A2



Scale: 1:15,000



:: LEGEND ::

- Munara
- Munara Boundary
- RF 213 Compartment No.
- ... Compartment Boundary

FOREST MAP

ARPAN FERRO ALLOYS

MOHGAONGHAT BALAGHAT

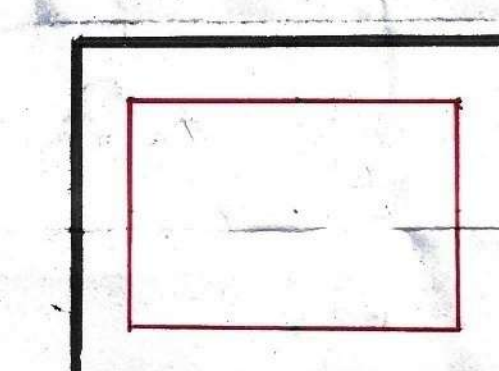
MANGANESE ORE MINES 28.02 ha.)

FOREST COMPARTMENT NO :P807 & P809

Road	Pillar	Latitude	Longitude
BP1	21°15'25.5"N	79°45'00.0"E	
BP2	21°15'25.5"N	79°45'00.0"E	
BP3	21°15'25.5"N	79°45'00.0"E	
BP4	21°15'25.5"N	79°45'00.0"E	
BP5	21°15'25.5"N	79°45'00.0"E	
BP6	21°15'25.5"N	79°45'00.0"E	
BP7	21°15'25.5"N	79°45'00.0"E	
BP8	21°15'25.5"N	79°45'00.0"E	
BP9	21°15'25.5"N	79°45'00.0"E	
BP10	21°15'25.5"N	79°45'00.0"E	
BP11	21°15'25.5"N	79°45'00.0"E	
BP12	21°15'25.5"N	79°45'00.0"E	

BP.NO.	EASTING	NORTHING	COORDINATE	COORDINATE
BP-1/45	378125.656	3380059.814	79°45'21.42611"E	21°39'01.46666"N
BP-2/45	378175.591	3380041.254	79°45'23.16041"E	21°39'00.87733"N
BP-3/45	378222.861	3380023.114	79°45'24.90180"E	21°39'00.28822"N
BP-4/45	378288.554	3380001.565	79°45'26.40384"E	21°39'00.82222"N
BP-5/45	378313.842	3380000.408	79°45'27.86731"E	21°39'00.82222"N
BP-6/45	378381.087	3380005.387	79°45'30.32831"E	21°39'00.16732"N
BP-7/45	378427.583	3380005.202	79°45'31.94990"E	21°39'00.49054"N
BP-8/45	378473.773	3380015.841	79°45'33.56187"E	21°39'00.87222"N
BP-9/45	378520.882	3380097.662	79°45'35.19092"E	21°39'00.29266"N
BP-10/45	378567.423	3380076.703	79°45'36.82890"E	21°39'00.82244"N
BP-11/45	378611.429	3380058.547	79°45'38.36354"E	21°39'00.04288"N
BP-12/45	378658.589	3380040.078	79°45'40.30759"E	21°39'00.43377"N
BP-13/45	378721.247	3380012.722	79°45'42.59498"E	21°39'00.87877"N
BP-14/45	378772.514	3380094.299	79°45'43.96163"E	21°39'00.89301"N
BP-15/45	378815.640	3380075.688	79°45'45.45002"E	21°39'00.39832"N
BP-16/45	378878.547	3380049.825	79°45'47.81074"E	21°39'01.57221"N
BP-17/45	378949.879	3380009.848	79°45'48.00387"E	21°39'00.26506"N
BP-18/45	378923.590	3380008.824	79°45'45.86430"E	21°39'00.82102"N
BP-19/45	378907.582	3380028.995	79°45'45.24446"E	21°39'00.60554"N
BP-20/45	378933.447	3380097.178	79°45'44.76377"E	21°39'00.36599"N
BP-21/45	378973.490	3380030.487	79°45'44.43179"E	21°39'00.48113"N
BP-22/45	378974.486	3380047.372	79°45'44.13502"E	21°39'00.01346"N
BP-23/45	378950.275	3380444.102	79°45'43.20068"E	21°39'01.66449"N
BP-24/45	378933.721	3380403.608	79°45'42.73493"E	21°39'00.23018"N
BP-25/45	378991.170	3380428.083	79°45'41.24953"E	21°39'00.99907"N
BP-26/45	378948.659	3380447.880	79°45'39.69189"E	21°39'01.65042"N
BP-27/45	378959.597	3380474.354	79°45'38.01799"E	21°39'02.54508"N
BP-28/45	378961.679	3380497.623	79°45'36.36217"E	21°39'02.67879"N
BP-29/45	378477.743	3380519.393	79°45'33.80403"E	21°39'01.07879"N
BP-30/45	378432.915	3380536.700	79°45'32.54064"E	21°39'00.63289"N
BP-31/45	378389.911	3380552.823	79°45'30.73844"E	21°39'00.37182"N
BP-32/45	378348.769	3380585.047	79°45'29.33662"E	21°39'00.08470"N
BP-33/45	378297.149	3380611.844	79°45'27.60048"E	21°39'00.03347"N
BP-34/45	378259.548	3380633.982	79°45'26.05114"E	21°39'00.88224"N
BP-35/45	378207.788	3380648.842	79°45'24.36372"E	21°39'00.88176"N
BP-36/45	378156.539	3380664.542	79°45'22.59964"E	21°39'00.81931"N
BP-37/45	378102.284	3380674.108	79°45'20.95165"E	21°39'00.82471"N
BP-38/45	378056.544	3380680.667	79°45'18.94372"E	21°39'00.45106"N
BP-39/45	378049.588	3380737.100	79°45'18.85997"E	21°39'00.95849"N
BP-40/45	378061.199	3380784.333	79°45'19.20300"E	21°39'00.49439"N
BP-41/45	378072.721	3380830.887	79°45'19.63569"E	21°39'00.01140"N
BP-42/45	378085.543	3380881.837	79°45'20.07470"E	21°39'00.86030"N
BP-43/45	378094.891	3380900.733	79°45'20.39199"E	21°39'00.28344"N
BP-44/45	378105.438	3380978.408	79°45'20.77272"E	21°39'00.84892"N
BP-45/45	378120.773	3380928.848	79°45'21.25749"E	21°39'00.46027"N
BP-46/45	378082.158	3380921.114	79°45'20.88001"E	21°39'00.22471"N
BP-47/45	378035.047	3380934.715	79°45'20.91716"E	21°39'00.13462"N

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(M.S. WADHWA KE)

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MADHYA PRADESH FOREST DEPARTMENT SOUTH BALAGHAT DIVISION

55/O/14



Scale: 1:50,000

0 0.4 0.8 1.6 2.4 3.2 4 4.8
Kilometers

:: LEGEND ::

RF 213 Compartment No.
--- Compartment Boundary

FOREST MAP

ARPAN FERRO ALLOYS

MOHGAONGHAT BALAGHAT

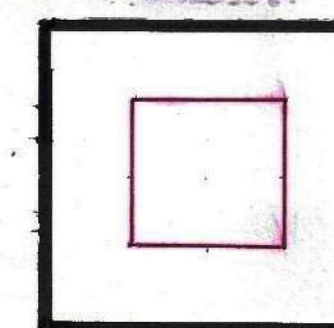
MANGANESE ORE MINES 28.02 ha.)

FOREST COMPARTMENT NO :P807 & P809

LIST OF DGPS BOUNDARY PILLARS CO-ORDINATE

BP NO.	UTM WGS-84		DMS WGS-84	
	EASTING	NORTHING	LONGITUDE	LATITUDE
BP-1/45	378125.850	2389059.814	79°49'21.4281"E	21°35'01.4585"N
BP-2/45	378175.591	2389041.254	79°49'23.1604"E	21°35'00.8733"N
BP-3/45	378222.591	2389023.114	79°49'24.8018"E	21°35'00.2892"N
BP-4/45	378268.554	2389001.958	79°49'26.4036"E	21°35'56.6232"N
BP-5/45	378313.942	2388980.408	79°49'27.9872"E	21°35'56.6326"N
BP-6/45	378381.087	2388956.367	79°49'30.3283"E	21°35'58.1873"N
BP-7/45	378427.563	2388936.202	79°49'31.8490"E	21°35'57.4005"N
BP-8/45	378473.773	2388916.841	79°49'33.9816"E	21°35'56.8722"N
BP-9/45	378520.552	2388897.652	79°49'35.1932"E	21°35'56.7025"N
BP-10/45	378567.423	2388876.703	79°49'36.8269"E	21°35'55.8249"N
BP-11/45	378611.420	2388856.547	79°49'38.3535"E	21°35'55.0428"N
BP-12/45	378658.559	2388840.076	79°49'40.0073"E	21°35'54.4537"N
BP-13/45	378721.247	2388812.722	79°49'42.1941"E	21°35'53.8787"N
BP-14/45	378772.514	2388794.299	79°49'43.8813"E	21°35'52.9830"N
BP-15/45	378815.640	2388775.688	79°49'45.4830"E	21°35'52.3838"N
BP-16/45	378876.547	2388749.825	79°49'47.8107"E	21°35'51.6722"N
BP-17/45	378949.879	2388709.848	79°49'49.0938"E	21°35'50.2656"N
BP-18/45	378985.860	2388685.824	79°49'50.8543"E	21°35'48.8216"N
BP-19/45	379007.582	2388662.385	79°49'52.4449"E	21°35'47.6054"N
BP-20/45	379063.447	2388637.176	79°49'54.7637"E	21°35'46.2626"N
BP-21/45	379133.490	2388612.487	79°49'57.4317"E	21°35'44.4811"N
BP-22/45	379214.688	2388587.372	79°49'59.1305"E	21°35'43.0124"N
BP-23/45	379302.275	2388564.102	79°50'01.2069"E	21°35'41.6994"N
BP-24/45	379393.721	2388543.658	79°50'03.7349"E	21°35'40.2801"N
BP-25/45	379491.170	2388526.083	79°50'06.2495"E	21°35'38.8990"N
BP-26/45	379596.659	2388510.890	79°50'08.8618"E	21°35'37.6902"N
BP-27/45	379709.587	2388494.354	79°50'11.5789"E	21°35'36.5400"N
BP-28/45	379831.079	2388478.823	79°50'14.3921"E	21°35'35.4770"N
BP-29/45	379961.745	2388464.303	79°50'17.3040"E	21°35'34.5784"N
BP-30/45	380102.915	2388450.700	79°50'20.2404"E	21°35'33.8389"N
BP-31/45	380255.811	2388437.823	79°50'23.2344"E	21°35'33.2712"N
BP-32/45	380420.789	2388425.047	79°50'26.2982"E	21°35'32.8647"N
BP-33/45	380597.149	2388413.644	79°50'29.4401"E	21°35'32.5942"N
BP-34/45	380785.848	2388403.982	79°50'32.6514"E	21°35'32.3624"N
BP-35/45	380986.788	2388395.842	79°50'35.9337"E	21°35'32.1676"N
BP-36/45	381199.538	2388389.342	79°50'39.2860"E	21°35'32.0081"N
BP-37/45	381423.284	2388384.189	79°50'42.7117"E	21°35'31.8827"N
BP-38/45	381658.544	2388379.893	79°50'46.2187"E	21°35'31.7909"N
BP-39/45	381905.598	2388377.190	79°50'49.8087"E	21°35'31.7340"N
BP-40/45	382164.199	2388374.333	79°50'53.4839"E	21°35'31.7045"N
BP-41/45	382434.721	2388369.897	79°50'57.2589"E	21°35'31.7045"N
BP-42/45	382716.643	2388367.857	79°51'01.1470"E	21°35'31.7045"N
BP-43/45	383010.851	2388368.753	79°51'05.1470"E	21°35'31.7045"N
BP-44/45	383317.458	2388370.408	79°51'09.2725"E	21°35'31.7045"N
BP-45/45	383636.773	2388372.846	79°51'13.5449"E	21°35'31.7045"N
BP-46/45	383968.158	2388376.114	79°51'17.9711"E	21°35'31.7045"N
BP-47/45	384312.047	2388380.715	79°51'22.5411"E	21°35'31.7045"N

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जनरल मैनेजर

Prepared By :- Voena Malviya

(M.S. WARMARE)

