

5.0 METHODOLOGY OF DGPS SURVEY:

5.1 Input data:

The Bypass road alignment of M/s Public Works Department is located Wadrafnagar, Balrampur District of Chhattisgarh State.

The plan and maps required for geo-referencing was provided by M/s Public Works Department for desk study.

The following maps and documents were supplied by M/s Public Works Department.

1. Proposed Road alignment boundary marked on Toposheet No. 64 M/1 and 64 M/2.
2. Forest Map.
3. Khasra Plan of village along and in between of the Bypass Road alignment.

5.2 Desk Study:

Based on the data and information provided by M/s Public Works Department, the Primary and Secondary Control Points (PCPs and SCPs) in the project area were planned. PCP, at a convenient location, was planned so that the Plan Layout is covered by 10 km radius of any of the PCPs. PCPs were established by triangulation method.

SCPs well distributed in the cadastral maps of the Road area covering Tri-junction, Bi-junction, undisturbed field bund junctions were planned.

5.3 Establishment of Base Station and Primary Control Point (PCP):

As per Guideline, the Base Stations were fixed by DGPS receiver through continuous observation for 4 days (from 12 September 2016 to 15 September 2016).

Three Base Station are established in this area because the road alignment is greater than of 10kms radius.

The Primary Control Points were established by triangulation method and open sky area.

Initially a Base Point was fixed in the area with following coordinates is given in **Table-2**.

TABLE-2			
DGPS Survey Co-ordinates of Two Base Point			
POINT	Longitude (E)	Latitude (N)	RL (m)
BASE-1	83° 11' 39.4292" E	23° 46' 02.9105" N	412.134



5.4 DGPS Control Survey:

DGPS survey was carried out using a pair of DGPS instrument. One operating from the fixed point PCPs or Base Stations and other was working as Rover, at points which were to be surveyed for ascertaining the co-ordinate values. Rover observations were made in Static mode on World Geodetic System 1984 (WGS-84), at least 15-30 minutes observations for its ground position (The details of the Ground control Points, Reference Points and Logged Points are given in Annexure-I & II).

5.5 RESULTS OF DGPS SURVEY:

The base and rover observations data were Post Processed using advanced GNSS Solution Software for obtaining the final SCP coordinates.

The area of Forest Land as per DGPS Survey is 4.931 hectare and Non-Forest area is 1.673 hectare (Annexure-I).

Details of all the Control points are given following **Table-3**.



Table-3 Land Survey Overview

GNSS Solutions

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Project Name : DGPS Survey of Forest Land for Bypass Road of Wadrafanagar,
M/s Public Work Department –Ramanujanj, Distt.-Balrampur (C.G.)

Spatial Reference System : WGS 84
Time Zone : (GMT+05:30) Chennai, Kolkata, Mumbai, New Delhi
Linear Units : Meters

Coordinate System Summary

Coordinate system

Name :	WGS 84
Type :	Geographic
Unit name :	Radians
Radians per unit :	1
Vertical datum :	Ellipsoid
Vertical unit :	Meters
Meters per unit :	1

Datum

Name :	WGS 84
Ellipsoid Name :	WGS 84
Semi-major Axis :	6378137.000 m
Inverse Flattening :	298.257223563
DX to WGS84 :	0.0000 m
DY to WGS84 :	0.0000 m
DZ to WGS84 :	0.0000 m
RX to WGS84 :	0.000000 "
RY to WGS84 :	0.000000 "
RZ to WGS84 :	0.000000 "
ppm to WGS84 :	0.000000000000

Control Points

Name		Components	Error	95%	Status	Control Error
BASE	Long	83° 11' 39.42916"E	0.000			FIXED
	Lat	23° 46' 02.91048"N	0.000			FIXED
	Ellips height	412.134	0.000			FIXED



Reference Points

Name	Components	95% Error	Status	Control
REF-1	Long 83° 11' 20.97231"E	0.002	Processed	(static)
	Lat 23° 45' 40.86193"N	0.001	Processed	(static)
	Ellips height 404.608	0.002	Processed	(static)
	Description REFERENCES-1			
REF-2	Long 83° 11' 35.77281"E	0.001	Processed	(static)
	Lat 23° 45' 50.46376"N	0.001	Processed	(static)
	Ellips height 414.342	0.001	Processed	(static)
	Description REFERENCES-2			
REF-3	Long 83° 11' 35.71364"E	0.001	Processed	(static)
	Lat 23° 45' 50.85832"N	0.001	Processed	(static)
	Ellips height 413.774	0.001	Processed	(static)
	Description REFERENCES-3			
REF-4	Long 83° 11' 41.09923"E	0.001	Processed	(static)
	Lat 23° 45' 48.49111"N	0.001	Processed	(static)
	Ellips height 414.976	0.001	Processed	(static)
	Description REFERENCES-4			
REF-5	Long 83° 12' 19.29974"E	0.009	Processed	(static)
	Lat 23° 45' 25.30064"N	0.006	Processed	(static)
	Ellips height 417.185	0.020	Processed	(static)
	Description REFERENCES-5			
REF-6	Long 83° 12' 19.68922"E	0.003	Processed	(static)
	Lat 23° 45' 25.09903"N	0.003	Processed	(static)
	Ellips height 417.093	0.004	Processed	(static)
	Description REFERENCES-6			

Logged Points

Name	Components	95% Error	Status
LR1	Long 83° 12' 36.29253"E	0.007	Processed (static)
	Lat 23° 44' 13.89424"N	0.005	Processed (static)
	Ellips height 401.291	0.009	Processed (static)
	Description SURVEY POINT		
RR1	Long 83° 12' 36.42962"E	0.007	Processed (static)
	Lat 23° 44' 14.29751"N	0.006	Processed (static)
	Ellips height 402.006	0.008	Processed (static)
	Description SURVEY POINT		
LR2	Long 83° 12' 34.72008"E	0.007	Processed (static)
	Lat 23° 44' 14.37272"N	0.004	Processed (static)
	Ellips height 401.291	0.009	Processed (static)
	Description SURVEY POINT		
RR2	Long 83° 12' 34.99081"E	0.007	Processed (static)
	Lat 23° 44' 14.71392"N	0.006	Processed (static)
	Ellips height 402.006	0.008	Processed (static)
	Description SURVEY POINT		
LR3	Long 83° 12' 33.15903"E	0.007	Processed (static)
	Lat 23° 44' 15.48302"N	0.005	Processed (static)
	Ellips height 400.880	0.010	Processed (static)
	Description SURVEY POINT		
RR3	Long 83° 12' 33.42503"E	0.007	Processed (static)
	Lat 23° 44' 15.82740"N	0.004	Processed (static)
	Ellips height 400.800	0.009	Processed (static)
	Description SURVEY POINT		
LR4	Long 83° 12' 31.63830"E	0.006	Processed (static)
	Lat 23° 44' 16.49912"N	0.004	Processed (static)
	Ellips height 400.397	0.010	Processed (static)
	Description SURVEY POINT		



RR4	Long	83° 12' 31.87351"E	0.007	Processed (static)
	Lat	23° 44' 16.86200"N	0.005	Processed (static)
	Ellips height	401.502	0.009	Processed (static)
	Description	SURVEY POINT		
LR5	Long	83° 12' 29.99531"E	0.007	Processed (static)
	Lat	23° 44' 17.11890"N	0.006	Processed (static)
	Ellips height	400.170	0.008	Processed (static)
	Description	SURVEY POINT		
RR5	Long	83° 12' 30.20000"E	0.006	Processed (static)
	Lat	23° 44' 17.49711"N	0.005	Processed (static)
	Ellips height	400.155	0.008	Processed (static)
	Description	SURVEY POINT		
LR6	Long	83° 12' 28.26014"E	0.007	Processed (static)
	Lat	23° 44' 17.68510"N	0.006	Processed (static)
	Ellips height	400.250	0.008	Processed (static)
	Description	SURVEY POINT		
RR6	Long	83° 12' 28.43511"E	0.007	Processed (static)
	Lat	23° 44' 18.07572"N	0.004	Processed (static)
	Ellips height	400.704	0.009	Processed (static)
	Description	SURVEY POINT		
LR7	Long	83° 12' 26.41280"E	0.007	Processed (static)
	Lat	23° 44' 17.95331"N	0.007	Processed (static)
	Ellips height	399.526	0.007	Processed (static)
	Description	SURVEY POINT		
RR7	Long	83° 12' 26.58641"E	0.007	Processed (static)
	Lat	23° 44' 18.34452"N	0.005	Processed (static)
	Ellips height	404.076	0.008	Processed (static)
	Description	SURVEY POINT		
LR8	Long	83° 12' 24.65930"E	0.007	Processed (static)
	Lat	23° 44' 18.28021"N	0.006	Processed (static)
	Ellips height	398.624	0.008	Processed (static)
	Description	SURVEY POINT		
RR8	Long	83° 12' 24.80080"E	0.007	Processed (static)
	Lat	23° 44' 18.68221"N	0.007	Processed (static)
	Ellips height	399.309	0.007	Processed (static)
	Description	SURVEY POINT		
LR9	Long	83° 12' 22.9068" E	0.007	Processed (static)
	Lat	23° 44' 18.3979" N	0.005	Processed (static)
	Ellips height	397.716	0.008	Processed (static)
	Description	SURVEY POINT		
RR9	Long	83° 12' 22.9833" E	0.075	Processed (static)
	Lat	23° 44' 18.7816" N	0.068	Processed (static)
	Ellips height	398.603	0.073	Processed (static)
	Description	SURVEY POINT		
LR10	Long	83° 12' 21.0488" E	0.013	Processed (static)
	Lat	23° 44' 18.7582" N	0.011	Processed (static)
	Ellips height	397.470	0.024	Processed (static)
	Description	SURVEY POINT		
RR10	Long	83° 12' 21.1583" E	0.007	Processed (static)
	Lat	23° 44' 19.1350" N	0.005	Processed (static)
	Ellips height	397.679	0.009	Processed (static)
	Description	SURVEY POINT		
LR11	Long	83° 12' 19.2552" E	0.007	Processed (static)
	Lat	23° 44' 19.2813" N	0.005	Processed (static)
	Ellips height	395.982	0.008	Processed (static)
	Description	SURVEY POINT		
RR11	Long	83° 12' 19.4440" E	0.065	Processed (static)
	Lat	23° 44' 19.6304" N	0.057	Processed (static)
	Ellips height	397.128	0.074	Processed (static)
	Description	SURVEY POINT		



LR12	Long	83° 12' 18.4402" E	0.007	Processed (static)
	Lat	23° 44' 19.6571" N	0.005	Processed (static)
	Ellips height	394.795	0.008	Processed (static)
	Description	SURVEY POINT		
RR12	Long	83° 12' 18.6402" E	0.007	Processed (static)
	Lat	23° 44' 20.0009" N	0.005	Processed (static)
	Ellips height	395.296	0.009	Processed (static)
	Description	SURVEY POINT		
LR13	Long	83° 12' 16.7605" E	0.007	Processed (static)
	Lat	23° 44' 20.5414" N	0.004	Processed (static)
	Ellips height	393.456	0.008	Processed (static)
	Description	SURVEY POINT		
RR13	Long	83° 12' 16.9550" E	0.007	Processed (static)
	Lat	23° 44' 20.8880" N	0.006	Processed (static)
	Ellips height	393.483	0.007	Processed (static)
	Description	SURVEY POINT		
LR14	Long	83° 12' 15.3537" E	0.006	Processed (static)
	Lat	23° 44' 21.4993" N	0.005	Processed (static)
	Ellips height	395.031	0.008	Processed (static)
	Description	SURVEY POINT		
RR14	Long	83° 12' 15.6024" E	0.006	Processed (static)
	Lat	23° 44' 21.8150" N	0.005	Processed (static)
	Ellips height	395.415	0.008	Processed (static)
	Description	SURVEY POINT		
LR15	Long	83° 12' 14.1297" E	0.007	Processed (static)
	Lat	23° 44' 22.3156" N	0.004	Processed (static)
	Ellips height	395.752	0.008	Processed (static)
	Description	SURVEY POINT		
RR15	Long	83° 12' 14.3488" E	0.070	Processed (static)
	Lat	23° 44' 22.6494" N	0.059	Processed (static)
	Ellips height	396.111	0.070	Processed (static)
	Description	SURVEY POINT		
LR16	Long	83° 12' 12.7405" E	0.007	Processed (static)
	Lat	23° 44' 23.3735" N	0.004	Processed (static)
	Ellips height	397.228	0.008	Processed (static)
	Description	SURVEY POINT		
RR16	Long	83° 12' 12.9709" E	0.007	Processed (static)
	Lat	23° 44' 23.7008" N	0.004	Processed (static)
	Ellips height	398.433	0.013	Processed (static)
	Description	SURVEY POINT		
LR17	Long	83° 12' 11.3953" E	0.070	Processed (static)
	Lat	23° 44' 24.5367" N	0.043	Processed (static)
	Ellips height	398.061	0.078	Processed (static)
	Description	SURVEY POINT		
RR17	Long	83° 12' 11.6409" E	0.018	Processed (static)
	Lat	23° 44' 24.8546" N	0.010	Processed (static)
	Ellips height	398.340	0.037	Processed (static)
	Description	SURVEY POINT		
LR18	Long	83° 12' 10.1042" E	0.070	Processed (static)
	Lat	23° 44' 25.8500" N	0.047	Processed (static)
	Ellips height	398.826	0.085	Processed (static)
	Description	SURVEY POINT		
RR18	Long	83° 12' 10.3669" E	0.006	Processed (static)
	Lat	23° 44' 26.1560" N	0.006	Processed (static)
	Ellips height	399.568	0.007	Processed (static)
	Description	SURVEY POINT		
LR19	Long	83° 12' 08.7301" E	0.006	Processed (static)
	Lat	23° 44' 26.8142" N	0.003	Processed (static)
	Ellips height	400.392	0.009	Processed (static)
	Description	SURVEY POINT		



RR19	Long	83° 12' 08.9435" E	0.061	Processed (static)
	Lat	23° 44' 27.1512" N	0.032	Processed (static)
	Ellips height	403.148	0.097	Processed (static)
	Description	SURVEY POINT		
LR20	Long	83° 12' 07.3080" E	0.006	Processed (static)
	Lat	23° 44' 27.8446" N	0.003	Processed (static)
	Ellips height	400.757	0.008	Processed (static)
	Description	SURVEY POINT		
RR20	Long	83° 12' 07.5264" E	0.005	Processed (static)
	Lat	23° 44' 28.1789" N	0.003	Processed (static)
	Ellips height	400.338	0.008	Processed (static)
	Description	SURVEY POINT		
LR21	Long	83° 12' 05.9661" E	0.006	Processed (static)
	Lat	23° 44' 28.9750" N	0.004	Processed (static)
	Ellips height	400.242	0.008	Processed (static)
	Description	SURVEY POINT		
RR21	Long	83° 12' 06.2200" E	0.006	Processed (static)
	Lat	23° 44' 29.2872" N	0.004	Processed (static)
	Ellips height	401.190	0.008	Processed (static)
	Description	SURVEY POINT		
LR22	Long	83° 12' 04.9397" E	0.085	Processed (static)
	Lat	23° 44' 30.4881" N	0.059	Processed (static)
	Ellips height	401.929	0.129	Processed (static)
	Description	SURVEY POINT		
RR22	Long	83° 12' 05.2254" E	0.093	Processed (static)
	Lat	23° 44' 30.7761" N	0.075	Processed (static)
	Ellips height	402.602	0.102	Processed (static)
	Description	SURVEY POINT		
LR23	Long	83° 12' 04.0537" E	0.067	Processed (static)
	Lat	23° 44' 31.9649" N	0.056	Processed (static)
	Ellips height	401.890	0.077	Processed (static)
	Description	SURVEY POINT		
RR23	Long	83° 12' 04.3398" E	0.006	Processed (static)
	Lat	23° 44' 32.2527" N	0.004	Processed (static)
	Ellips height	402.557	0.008	Processed (static)
	Description	SURVEY POINT		
LR24	Long	83° 12' 02.7763" E	0.005	Processed (static)
	Lat	23° 44' 33.2660" N	0.005	Processed (static)
	Ellips height	402.156	0.007	Processed (static)
	Description	SURVEY POINT		
RR24	Long	83° 12' 03.0950" E	0.006	Processed (static)
	Lat	23° 44' 33.5231" N	0.005	Processed (static)
	Ellips height	402.613	0.006	Processed (static)
	Description	SURVEY POINT		
LR25	Long	83° 12' 01.7754" E	0.066	Processed (static)
	Lat	23° 44' 34.6033" N	0.054	Processed (static)
	Ellips height	402.729	0.074	Processed (static)
	Description	SURVEY POINT		
RR25	Long	83° 12' 02.0996" E	0.005	Processed (static)
	Lat	23° 44' 34.8544" N	0.004	Processed (static)
	Ellips height	402.501	0.007	Processed (static)
	Description	SURVEY POINT		
LR26	Long	83° 12' 00.8662" E	0.005	Processed (static)
	Lat	23° 44' 36.1277" N	0.004	Processed (static)
	Ellips height	402.634	0.007	Processed (static)
	Description	SURVEY POINT		
RR26	Long	83° 12' 01.2149" E	0.005	Processed (static)
	Lat	23° 44' 36.3493" N	0.005	Processed (static)
	Ellips height	403.758	0.006	Processed (static)
	Description	SURVEY POINT		



LR27	Long	83° 11' 59.8167" E	0.006	Processed (static)
	Lat	23° 44' 37.4819" N	0.003	Processed (static)
	Ellips height	403.892	0.007	Processed (static)
	Description	SURVEY POINT		
RR27	Long	83° 12' 00.1762" E	0.006	Processed (static)
	Lat	23° 44' 37.6885" N	0.004	Processed (static)
	Ellips height	404.403	0.007	Processed (static)
	Description	SURVEY POINT		
LR28	Long	83° 11' 58.9063" E	0.005	Processed (static)
	Lat	23° 44' 38.9273" N	0.003	Processed (static)
	Ellips height	404.328	0.007	Processed (static)
	Description	SURVEY POINT		
RR28	Long	83° 11' 59.2218" E	0.005	Processed (static)
	Lat	23° 44' 39.1877" N	0.003	Processed (static)
	Ellips height	404.763	0.007	Processed (static)
	Description	SURVEY POINT		
LR29	Long	83° 11' 58.0959" E	0.005	Processed (static)
	Lat	23° 44' 40.2857" N	0.004	Processed (static)
	Ellips height	404.978	0.006	Processed (static)
	Description	SURVEY POINT		
RR29	Long	83° 11' 58.3873" E	0.068	Processed (static)
	Lat	23° 44' 40.5689" N	0.045	Processed (static)
	Ellips height	405.253	0.081	Processed (static)
	Description	SURVEY POINT		
LR30	Long	83° 11' 57.6762" E	0.067	Processed (static)
	Lat	23° 44' 40.6435" N	0.053	Processed (static)
	Ellips height	404.728	0.073	Processed (static)
	Description	SURVEY POINT		
RR30	Long	83° 11' 57.8847" E	0.005	Processed (static)
	Lat	23° 44' 40.9831" N	0.004	Processed (static)
	Ellips height	404.206	0.006	Processed (static)
	Description	SURVEY POINT		
LR31	Long	83° 11' 57.4086" E	0.005	Processed (static)
	Lat	23° 44' 40.6636" N	0.004	Processed (static)
	Ellips height	404.978	0.006	Processed (static)
	Description	SURVEY POINT		
RR31	Long	83° 11' 57.5636" E	0.068	Processed (static)
	Lat	23° 44' 41.0266" N	0.062	Processed (static)
	Ellips height	404.738	0.064	Processed (static)
	Description	SURVEY POINT		
LR32	Long	83° 11' 57.2219" E	0.060	Processed (static)
	Lat	23° 44' 40.8229" N	0.055	Processed (static)
	Ellips height	404.069	0.076	Processed (static)
	Description	SURVEY POINT		
RR32	Long	83° 11' 57.2462" E	0.005	Processed (static)
	Lat	23° 44' 41.2123" N	0.004	Processed (static)
	Ellips height	404.972	0.006	Processed (static)
	Description	SURVEY POINT		
LR33	Long	83° 11' 55.4875" E	0.005	Processed (static)
	Lat	23° 44' 41.6851" N	0.004	Processed (static)
	Ellips height	404.568	0.006	Processed (static)
	Description	SURVEY POINT		
RR33	Long	83° 11' 55.6777" E	0.005	Processed (static)
	Lat	23° 44' 42.0337" N	0.004	Processed (static)
	Ellips height	404.206	0.006	Processed (static)
	Description	SURVEY POINT		
LR34	Long	83° 11' 53.4253" E	0.066	Processed (static)
	Lat	23° 44' 42.8546" N	0.045	Processed (static)
	Ellips height	404.952	0.078	Processed (static)
	Description	SURVEY POINT		



RR34	Long	83° 11' 53.6616" E	0.005	Processed (static)
	Lat	23° 44' 43.1784" N	0.005	Processed (static)
	Ellips height	405.057	0.005	Processed (static)
	Description	SURVEY POINT		
LR35	Long	83° 11' 51.9121" E	0.071	Processed (static)
	Lat	23° 44' 43.7634" N	0.045	Processed (static)
	Ellips height	406.168	0.077	Processed (static)
	Description	SURVEY POINT		
RR35	Long	83° 11' 52.1200" E	0.004	Processed (static)
	Lat	23° 44' 44.1033" N	0.003	Processed (static)
	Ellips height	407.587	0.006	Processed (static)
	Description	SURVEY POINT		
LR36	Long	83° 11' 50.3768" E	0.004	Processed (static)
	Lat	23° 44' 44.7465" N	0.003	Processed (static)
	Ellips height	406.229	0.007	Processed (static)
	Description	SURVEY POINT		
RR36	Long	83° 11' 50.6414" E	0.071	Processed (static)
	Lat	23° 44' 45.0512" N	0.045	Processed (static)
	Ellips height	406.168	0.077	Processed (static)
	Description	SURVEY POINT		
LR37	Long	83° 11' 48.9555" E	0.066	Processed (static)
	Lat	23° 44' 45.7536" N	0.043	Processed (static)
	Ellips height	407.546	0.078	Processed (static)
	Description	SURVEY POINT		
RR37	Long	83° 11' 49.2325" E	0.004	Processed (static)
	Lat	23° 44' 46.0488" N	0.003	Processed (static)
	Ellips height	408.010	0.006	Processed (static)
	Description	SURVEY POINT		
LR38	Long	83° 11' 47.6356" E	0.065	Processed (static)
	Lat	23° 44' 46.9672" N	0.043	Processed (static)
	Ellips height	412.319	0.085	Processed (static)
	Description	SURVEY POINT		
RR38	Long	83° 11' 47.9361" E	0.067	Processed (static)
	Lat	23° 44' 47.2422" N	0.045	Processed (static)
	Ellips height	407.416	0.079	Processed (static)
	Description	SURVEY POINT		
LR39	Long	83° 11' 46.4040" E	0.063	Processed (static)
	Lat	23° 44' 48.2279" N	0.052	Processed (static)
	Ellips height	407.025	0.080	Processed (static)
	Description	SURVEY POINT		
RR39	Long	83° 11' 46.6853" E	0.005	Processed (static)
	Lat	23° 44' 48.5196" N	0.004	Processed (static)
	Ellips height	408.095	0.008	Processed (static)
	Description	SURVEY POINT		
LR40	Long	83° 11' 45.1214" E	0.066	Processed (static)
	Lat	23° 44' 49.3893" N	0.043	Processed (static)
	Ellips height	407.546	0.078	Processed (static)
	Description	SURVEY POINT		
RR40	Long	83° 11' 45.3555" E	0.004	Processed (static)
	Lat	23° 44' 49.7143" N	0.003	Processed (static)
	Ellips height	408.010	0.006	Processed (static)
	Description	SURVEY POINT		
LR41	Long	83° 11' 43.5613" E	0.004	Processed (static)
	Lat	23° 44' 50.3612" N	0.004	Processed (static)
	Ellips height	408.487	0.005	Processed (static)
	Description	SURVEY POINT		
RR41	Long	83° 11' 43.8337" E	0.004	Processed (static)
	Lat	23° 44' 50.6600" N	0.003	Processed (static)
	Ellips height	408.372	0.006	Processed (static)
	Description	SURVEY POINT		



LR42	Long	83° 11' 42.1549" E	0.004	Processed (static)
	Lat	23° 44' 51.3184" N	0.004	Processed (static)
	Ellips height	408.714	0.005	Processed (static)
	Description	SURVEY POINT		
RR42	Long	83° 11' 42.4440" E	0.004	Processed (static)
	Lat	23° 44' 51.6036" N	0.004	Processed (static)
	Ellips height	408.590	0.005	Processed (static)
	Description	SURVEY POINT		
LR43	Long	83° 11' 40.6846" E	0.076	Processed (static)
	Lat	23° 44' 52.3367" N	0.054	Processed (static)
	Ellips height	409.849	0.088	Processed (static)
	Description	SURVEY POINT		
RR43	Long	83° 11' 40.9621" E	0.004	Processed (static)
	Lat	23° 44' 52.6314" N	0.004	Processed (static)
	Ellips height	409.371	0.004	Processed (static)
	Description	SURVEY POINT		
LR44	Long	83° 11' 39.1356" E	0.004	Processed (static)
	Lat	23° 44' 53.1299" N	0.004	Processed (static)
	Ellips height	409.044	0.004	Processed (static)
	Description	SURVEY POINT		
RR44	Long	83° 11' 39.3829" E	0.004	Processed (static)
	Lat	23° 44' 53.4467" N	0.003	Processed (static)
	Ellips height	408.248	0.005	Processed (static)
	Description	SURVEY POINT		
LR45	Long	83° 11' 37.6332" E	0.004	Processed (static)
	Lat	23° 44' 54.1638" N	0.004	Processed (static)
	Ellips height	409.577	0.004	Processed (static)
	Description	SURVEY POINT		
RR45	Long	83° 11' 37.9104" E	0.004	Processed (static)
	Lat	23° 44' 54.4588" N	0.003	Processed (static)
	Ellips height	409.536	0.005	Processed (static)
	Description	SURVEY POINT		
LR46	Long	83° 11' 36.0339" E	0.004	Processed (static)
	Lat	23° 44' 54.9859" N	0.003	Processed (static)
	Ellips height	410.093	0.005	Processed (static)
	Description	SURVEY POINT		
RR46	Long	83° 11' 36.3020" E	0.066	Processed (static)
	Lat	23° 44' 55.2880" N	0.048	Processed (static)
	Ellips height	409.934	0.073	Processed (static)
	Description	SURVEY POINT		
LR47	Long	83° 11' 34.5044" E	0.004	Processed (static)
	Lat	23° 44' 55.8751" N	0.003	Processed (static)
	Ellips height	411.798	0.005	Processed (static)
	Description	SURVEY POINT		
RR47	Long	83° 11' 34.7361" E	0.004	Processed (static)
	Lat	23° 44' 56.2017" N	0.003	Processed (static)
	Ellips height	410.491	0.005	Processed (static)
	Description	SURVEY POINT		
LR48	Long	83° 11' 32.9327" E	0.004	Processed (static)
	Lat	23° 44' 56.6998" N	0.003	Processed (static)
	Ellips height	410.522	0.005	Processed (static)
	Description	SURVEY POINT		
RR48	Long	83° 11' 33.1911" E	0.004	Processed (static)
	Lat	23° 44' 57.0089" N	0.003	Processed (static)
	Ellips height	410.984	0.005	Processed (static)
	Description	SURVEY POINT		
LR49	Long	83° 11' 31.3365" E	0.068	Processed (static)
	Lat	23° 44' 57.5448" N	0.055	Processed (static)
	Ellips height	411.820	0.069	Processed (static)
	Description	SURVEY POINT		



RR49	Long	83° 11' 31.5958" E	0.004	Processed (static)
	Lat	23° 44' 57.8533" N	0.002	Processed (static)
	Ellips height	411.809	0.005	Processed (static)
	Description	SURVEY POINT		
LR50	Long	83° 11' 29.8368" E	0.063	Processed (static)
	Lat	23° 44' 58.3391" N	0.041	Processed (static)
	Ellips height	413.329	0.079	Processed (static)
	Description	SURVEY POINT		
RR50	Long	83° 11' 30.0104" E	0.004	Processed (static)
	Lat	23° 44' 58.6950" N	0.002	Processed (static)
	Ellips height	413.228	0.005	Processed (static)
	Description	SURVEY POINT		
LR51	Long	83° 11' 28.3006" E	0.072	Processed (static)
	Lat	23° 44' 59.3917" N	0.049	Processed (static)
	Ellips height	414.053	0.072	Processed (static)
	Description	SURVEY POINT		
RR51	Long	83° 11' 28.5060" E	0.068	Processed (static)
	Lat	23° 44' 59.7328" N	0.052	Processed (static)
	Ellips height	413.585	0.073	Processed (static)
	Description	SURVEY POINT		
LR52	Long	83° 11' 26.9715" E	0.004	Processed (static)
	Lat	23° 45' 00.5606" N	0.002	Processed (static)
	Ellips height	415.491	0.005	Processed (static)
	Description	SURVEY POINT		
RR52	Long	83° 11' 27.1934" E	0.618	Processed (static)
	Lat	23° 45' 00.8928" N	0.476	Processed (static)
	Ellips height	411.825	1.252	Processed (static)
	Description	SURVEY POINT		
LR53	Long	83° 11' 25.5787" E	0.004	Processed (static)
	Lat	23° 45' 01.4970" N	0.002	Processed (static)
	Ellips height	416.331	0.005	Processed (static)
	Description	SURVEY POINT		
RR53	Long	83° 11' 25.8188" E	0.005	Processed (static)
	Lat	23° 45' 01.8184" N	0.003	Processed (static)
	Ellips height	416.638	0.006	Processed (static)
	Description	SURVEY POINT		
LR54	Long	83° 11' 24.0364" E	0.061	Processed (static)
	Lat	23° 45' 02.4747" N	0.042	Processed (static)
	Ellips height	417.512	0.082	Processed (static)
	Description	SURVEY POINT		
RR54	Long	83° 11' 24.2666" E	0.061	Processed (static)
	Lat	23° 45' 02.8021" N	0.039	Processed (static)
	Ellips height	417.649	0.085	Processed (static)
	Description	SURVEY POINT		
LR55	Long	83° 11' 22.5408" E	0.004	Processed (static)
	Lat	23° 45' 03.6116" N	0.003	Processed (static)
	Ellips height	418.844	0.005	Processed (static)
	Description	SURVEY POINT		
RR55	Long	83° 11' 22.8229" E	0.004	Processed (static)
	Lat	23° 45' 03.9026" N	0.002	Processed (static)
	Ellips height	418.988	0.005	Processed (static)
	Description	SURVEY POINT		
LR56	Long	83° 11' 21.1907" E	0.056	Processed (static)
	Lat	23° 45' 04.8383" N	0.040	Processed (static)
	Ellips height	420.525	0.084	Processed (static)
	Description	SURVEY POINT		
RR56	Long	83° 11' 21.4500" E	0.062	Processed (static)
	Lat	23° 45' 05.1467" N	0.041	Processed (static)
	Ellips height	419.729	0.079	Processed (static)
	Description	SURVEY POINT		



LR57	Long	83° 11' 19.8981" E	0.060	Processed (static)
	Lat	23° 45' 05.9181" N	0.045	Processed (static)
	Ellips height	421.208	0.082	Processed (static)
	Description	SURVEY POINT		
RR57	Long	83° 11' 20.1755" E	0.003	Processed (static)
	Lat	23° 45' 06.2130" N	0.002	Processed (static)
	Ellips height	420.808	0.005	Processed (static)
	Description	SURVEY POINT		
LR58	Long	83° 11' 18.5802" E	0.003	Processed (static)
	Lat	23° 45' 07.1235" N	0.002	Processed (static)
	Ellips height	421.828	0.005	Processed (static)
	Description	SURVEY POINT		
RR58	Long	83° 11' 18.8853" E	0.062	Processed (static)
	Lat	23° 45' 07.3942" N	0.072	Processed (static)
	Ellips height	421.688	0.053	Processed (static)
	Description	SURVEY POINT		
LR59	Long	83° 11' 17.3377" E	0.066	Processed (static)
	Lat	23° 45' 08.3566" N	0.046	Processed (static)
	Ellips height	421.959	0.078	Processed (static)
	Description	SURVEY POINT		
RR59	Long	23° 45' 08.3566" N	0.057	Processed (static)
	Lat	23° 45' 08.5753" N	0.039	Processed (static)
	Ellips height	421.180	0.084	Processed (static)
	Description	SURVEY POINT		
LR60	Long	83° 11' 16.5587" E	0.005	Processed (static)
	Lat	23° 45' 09.8932" N	0.004	Processed (static)
	Ellips height	419.344	0.007	Processed (static)
	Description	SURVEY POINT		
RR60	Long	83° 11' 16.9377" E	0.003	Processed (static)
	Lat	23° 45' 10.0676" N	0.002	Processed (static)
	Ellips height	420.441	0.005	Processed (static)
	Description	SURVEY POINT		
LR61	Long	83° 11' 15.9044" E	0.004	Processed (static)
	Lat	23° 45' 10.7652" N	0.003	Processed (static)
	Ellips height	420.306	0.004	Processed (static)
	Description	SURVEY POINT		
RR61	Long	83° 11' 16.3256" E	0.003	Processed (static)
	Lat	23° 45' 10.8081" N	0.002	Processed (static)
	Ellips height	420.066	0.004	Processed (static)
	Description	SURVEY POINT		
LR62	Long	83° 11' 16.1523" E	0.003	Processed (static)
	Lat	23° 45' 12.4006" N	0.002	Processed (static)
	Ellips height	419.443	0.004	Processed (static)
	Description	SURVEY POINT		
RR62	Long	83° 11' 16.5634" E	0.003	Processed (static)
	Lat	23° 45' 12.3059" N	0.002	Processed (static)
	Ellips height	419.229	0.004	Processed (static)
	Description	SURVEY POINT		
LR63	Long	83° 11' 16.3703" E	0.003	Processed (static)
	Lat	23° 45' 13.9920" N	0.002	Processed (static)
	Ellips height	419.316	0.004	Processed (static)
	Description	SURVEY POINT		
RR63	Long	83° 11' 16.7876" E	0.003	Processed (static)
	Lat	23° 45' 13.9238" N	0.002	Processed (static)
	Ellips height	418.146	0.005	Processed (static)
	Description	SURVEY POINT		
LR64	Long	83° 11' 16.5878" E	0.003	Processed (static)
	Lat	23° 45' 15.6094" N	0.002	Processed (static)
	Ellips height	417.589	0.004	Processed (static)
	Description	SURVEY POINT		



RR64	Long	83° 11' 17.0103" E	0.003	Processed (static)
	Lat	23° 45' 15.5793" N	0.002	Processed (static)
	Ellips height	417.497	0.004	Processed (static)
	Description	SURVEY POINT		
LR65	Long	83° 11' 16.7410" E	0.009	Processed (static)
	Lat	23° 45' 17.2614" N	0.006	Processed (static)
	Ellips height	416.315	0.021	Processed (static)
	Description	SURVEY POINT		
RR65	Long	83° 11' 17.1616" E	0.003	Processed (static)
	Lat	23° 45' 17.2140" N	0.002	Processed (static)
	Ellips height	416.321	0.004	Processed (static)
	Description	SURVEY POINT		
LR66	Long	83° 11' 16.9522" E	0.063	Processed (static)
	Lat	23° 45' 19.1890" N	0.051	Processed (static)
	Ellips height	415.134	0.072	Processed (static)
	Description	SURVEY POINT		
RR66	Long	83° 11' 17.3731" E	0.003	Processed (static)
	Lat	23° 45' 19.1441" N	0.003	Processed (static)
	Ellips height	415.245	0.003	Processed (static)
	Description	SURVEY POINT		
LR67	Long	83° 11' 17.2187" E	0.003	Processed (static)
	Lat	23° 45' 20.0932" N	0.002	Processed (static)
	Ellips height	414.518	0.003	Processed (static)
	Description	SURVEY POINT		
RR67	Long	83° 11' 17.6353" E	0.058	Processed (static)
	Lat	23° 45' 20.0217" N	0.062	Processed (static)
	Ellips height	415.046	0.065	Processed (static)
	Description	SURVEY POINT		
LR68	Long	83° 11' 17.3658" E	0.003	Processed (static)
	Lat	23° 45' 21.7755" N	0.002	Processed (static)
	Ellips height	413.713	0.004	Processed (static)
	Description	SURVEY POINT		
RR68	Long	83° 11' 17.7792" E	0.010	Processed (static)
	Lat	23° 45' 21.6897" N	0.011	Processed (static)
	Ellips height	415.060	0.027	Processed (static)
	Description	SURVEY POINT		
LR69	Long	83° 11' 17.5600" E	0.065	Processed (static)
	Lat	23° 45' 23.3844" N	0.041	Processed (static)
	Ellips height	414.542	0.077	Processed (static)
	Description	SURVEY POINT		
RR69	Long	83° 11' 17.9813" E	0.066	Processed (static)
	Lat	23° 45' 23.3418" N	0.040	Processed (static)
	Ellips height	415.221	0.079	Processed (static)
	Description	SURVEY POINT		
LR70	Long	83° 11' 17.7242" E	0.063	Processed (static)
	Lat	23° 45' 25.0912" N	0.056	Processed (static)
	Ellips height	413.665	0.070	Processed (static)
	Description	SURVEY POINT		
RR70	Long	83° 11' 18.1449" E	0.063	Processed (static)
	Lat	23° 45' 25.0441" N	0.058	Processed (static)
	Ellips height	414.334	0.063	Processed (static)
	Description	SURVEY POINT		
LR71	Long	83° 11' 17.8894" E	0.059	Processed (static)
	Lat	23° 45' 26.7190" N	0.039	Processed (static)
	Ellips height	414.569	0.079	Processed (static)
	Description	SURVEY POINT		
RR71	Long	83° 11' 18.3064" E	0.002	Processed (static)
	Lat	23° 45' 26.6495" N	0.002	Processed (static)
	Ellips height	414.476	0.003	Processed (static)
	Description	SURVEY POINT		



LR72	Long	83° 11' 17.9701" E	0.003	Processed (static)
	Lat	23° 45' 28.3538" N	0.002	Processed (static)
	Ellips height	414.213	0.005	Processed (static)
	Description	SURVEY POINT		
RR72	Long	83° 11' 18.3873" E	0.059	Processed (static)
	Lat	23° 45' 28.2857" N	0.041	Processed (static)
	Ellips height	414.852	0.080	Processed (static)
	Description	SURVEY POINT		
LR73	Long	83° 11' 18.1086" E	0.002	Processed (static)
	Lat	23° 45' 30.0529" N	0.002	Processed (static)
	Ellips height	413.063	0.003	Processed (static)
	Description	SURVEY POINT		
RR73	Long	83° 11' 18.5157" E	0.061	Processed (static)
	Lat	23° 45' 29.9445" N	0.046	Processed (static)
	Ellips height	412.845	0.076	Processed (static)
	Description	SURVEY POINT		
LR74	Long	83° 11' 18.4217" E	0.002	Processed (static)
	Lat	23° 45' 31.6556" N	0.002	Processed (static)
	Ellips height	412.177	0.003	Processed (static)
	Description	SURVEY POINT		
RR74	Long	83° 11' 18.8360" E	0.002	Processed (static)
	Lat	23° 45' 31.5735" N	0.001	Processed (static)
	Ellips height	410.455	0.003	Processed (static)
	Description	SURVEY POINT		
LR75	Long	83° 11' 18.6252" E	0.002	Processed (static)
	Lat	23° 45' 33.2722" N	0.002	Processed (static)
	Ellips height	410.900	0.003	Processed (static)
	Description	SURVEY POINT		
RR75	Long	83° 11' 19.0402" E	0.058	Processed (static)
	Lat	23° 45' 33.1934" N	0.037	Processed (static)
	Ellips height	410.982	0.081	Processed (static)
	Description	SURVEY POINT		
LR76	Long	83° 11' 18.8839" E	0.002	Processed (static)
	Lat	23° 45' 34.8838" N	0.002	Processed (static)
	Ellips height	409.819	0.002	Processed (static)
	Description	SURVEY POINT		
RR76	Long	83° 11' 19.3032" E	0.062	Processed (static)
	Lat	23° 45' 34.8272" N	0.043	Processed (static)
	Ellips height	410.113	0.079	Processed (static)
	Description	SURVEY POINT		
LR77	Long	83° 11' 19.1001" E	0.002	Processed (static)
	Lat	23° 45' 36.6136" N	0.001	Processed (static)
	Ellips height	407.982	0.003	Processed (static)
	Description	SURVEY POINT		
RR77	Long	83° 11' 19.5222" E	0.002	Processed (static)
	Lat	23° 45' 36.5779" N	0.001	Processed (static)
	Ellips height	408.524	0.003	Processed (static)
	Description	SURVEY POINT		
LR78	Long	83° 11' 19.0559" E	0.002	Processed (static)
	Lat	23° 45' 38.1027" N	0.001	Processed (static)
	Ellips height	407.009	0.003	Processed (static)
	Description	SURVEY POINT		
RR78	Long	83° 11' 19.4797" E	0.002	Processed (static)
	Lat	23° 45' 38.1049" N	0.001	Processed (static)
	Ellips height	407.463	0.004	Processed (static)
	Description	SURVEY POINT		
LR79	Long	83° 11' 18.5975" E	0.002	Processed (static)
	Lat	23° 45' 39.4807" N	0.001	Processed (static)
	Ellips height	405.221	0.002	Processed (static)
	Description	SURVEY POINT		



RR79	Long	83° 11' 19.0118" E	0.002	Processed (static)
	Lat	23° 45' 39.5630" N	0.001	Processed (static)
	Ellips height	404.459	0.003	Processed (static)
	Description	SURVEY POINT		
LR80	Long	83° 11' 18.3963" E	0.064	Processed (static)
	Lat	23° 45' 40.2692" N	0.051	Processed (static)
	Ellips height	404.593	0.068	Processed (static)
	Description	SURVEY POINT		
RR80	Long	83° 11' 18.8177" E	0.002	Processed (static)
	Lat	23° 45' 40.3107" N	0.001	Processed (static)
	Ellips height	404.035	0.002	Processed (static)
	Description	SURVEY POINT		
LR81	Long	83° 11' 18.2410" E	0.064	Processed (static)
	Lat	23° 45' 40.8143" N	0.042	Processed (static)
	Ellips height	404.538	0.072	Processed (static)
	Description	SURVEY POINT		
RR81	Long	83° 11' 18.6630" E	0.059	Processed (static)
	Lat	23° 45' 40.8495" N	0.045	Processed (static)
	Ellips height	404.666	0.076	Processed (static)
	Description	SURVEY POINT		
LR82	Long	83° 11' 18.5827" E	0.002	Processed (static)
	Lat	23° 45' 42.5990" N	0.001	Processed (static)
	Ellips height	405.221	0.002	Processed (static)
	Description	SURVEY POINT		
RR82	Long	83° 11' 18.9135" E	0.002	Processed (static)
	Lat	23° 45' 42.3552" N	0.001	Processed (static)
	Ellips height	404.459	0.003	Processed (static)
	Description	SURVEY POINT		
LR83	Long	83° 11' 19.0970" E	0.057	Processed (static)
	Lat	23° 45' 42.9962" N	0.036	Processed (static)
	Ellips height	401.922	0.083	Processed (static)
	Description	SURVEY POINT		
RR83	Long	83° 11' 19.4329" E	0.002	Processed (static)
	Lat	23° 45' 42.7583" N	0.001	Processed (static)
	Ellips height	402.050	0.002	Processed (static)
	Description	SURVEY POINT		
LR84	Long	83° 11' 20.0986" E	0.067	Processed (static)
	Lat	23° 45' 44.3817" N	0.055	Processed (static)
	Ellips height	405.546	0.065	Processed (static)
	Description	SURVEY POINT		
RR84	Long	83° 11' 20.4413" E	0.060	Processed (static)
	Lat	23° 45' 44.1522" N	0.052	Processed (static)
	Ellips height	405.844	0.070	Processed (static)
	Description	SURVEY POINT		
LR85	Long	83° 11' 21.2577" E	0.068	Processed (static)
	Lat	23° 45' 45.7703" N	0.042	Processed (static)
	Ellips height	406.954	0.075	Processed (static)
	Description	SURVEY POINT		
RR85	Long	83° 11' 21.5448" E	0.056	Processed (static)
	Lat	23° 45' 45.4833" N	0.044	Processed (static)
	Ellips height	408.149	0.078	Processed (static)
	Description	SURVEY POINT		
LR86	Long	83° 11' 22.6495" E	0.001	Processed (static)
	Lat	23° 45' 46.8101" N	0.001	Processed (static)
	Ellips height	408.356	0.002	Processed (static)
	Description	SURVEY POINT		
RR86	Long	83° 11' 22.9725" E	0.063	Processed (static)
	Lat	23° 45' 46.5575" N	0.045	Processed (static)
	Ellips height	408.860	0.073	Processed (static)
	Description	SURVEY POINT		



LR87	Long	83° 11' 23.8095" E	0.063	Processed (static)
	Lat	23° 45' 48.0942" N	0.049	Processed (static)
	Ellips height	409.124	0.072	Processed (static)
	Description	SURVEY POINT		
RR87	Long	83° 11' 24.1189" E	0.067	Processed (static)
	Lat	23° 45' 47.8277" N	0.048	Processed (static)
	Ellips height	409.131	0.072	Processed (static)
	Description	SURVEY POINT		
LR88	Long	83° 11' 24.8132" E	0.064	Processed (static)
	Lat	23° 45' 49.5149" N	0.048	Processed (static)
	Ellips height	411.565	0.066	Processed (static)
	Description	SURVEY POINT		
RR88	Long	83° 11' 25.1387" E	0.001	Processed (static)
	Lat	23° 45' 49.2651" N	0.001	Processed (static)
	Ellips height	411.063	0.001	Processed (static)
	Description	SURVEY POINT		
LR89	Long	83° 11' 25.4850" E	0.064	Processed (static)
	Lat	23° 45' 50.9688" N	0.045	Processed (static)
	Ellips height	411.262	0.070	Processed (static)
	Description	SURVEY POINT		
RR89	Long	83° 11' 25.8641" E	0.001	Processed (static)
	Lat	23° 45' 50.7945" N	0.001	Processed (static)
	Ellips height	413.595	0.002	Processed (static)
	Description	SURVEY POINT		
LR90	Long	83° 11' 26.0230" E	0.001	Processed (static)
	Lat	23° 45' 52.6063" N	0.001	Processed (static)
	Ellips height	411.210	0.001	Processed (static)
	Description	SURVEY POINT		
RR90	Long	83° 11' 26.3887" E	0.001	Processed (static)
	Lat	23° 45' 52.4092" N	0.001	Processed (static)
	Ellips height	411.400	0.002	Processed (static)
	Description	SURVEY POINT		
LR91	Long	83° 11' 26.5240" E	0.001	Processed (static)
	Lat	23° 45' 54.1839" N	0.001	Processed (static)
	Ellips height	409.935	0.001	Processed (static)
	Description	SURVEY POINT		
RR91	Long	83° 11' 26.9086" E	0.060	Processed (static)
	Lat	23° 45' 54.0199" N	0.042	Processed (static)
	Ellips height	409.700	0.075	Processed (static)
	Description	SURVEY POINT		
LR92	Long	83° 11' 27.1357" E	0.001	Processed (static)
	Lat	23° 45' 55.7506" N	0.001	Processed (static)
	Ellips height	409.920	0.001	Processed (static)
	Description	SURVEY POINT		
RR92	Long	83° 11' 27.5014" E	0.001	Processed (static)
	Lat	23° 45' 55.5534" N	0.001	Processed (static)
	Ellips height	409.803	0.001	Processed (static)
	Description	SURVEY POINT		
LR93	Long	83° 11' 27.6943" E	0.063	Processed (static)
	Lat	23° 45' 57.3727" N	0.043	Processed (static)
	Ellips height	409.027	0.072	Processed (static)
	Description	SURVEY POINT		
RR93	Long	83° 11' 28.0862" E	0.001	Processed (static)
	Lat	23° 45' 57.2241" N	0.000	Processed (static)
	Ellips height	409.528	0.001	Processed (static)
	Description	SURVEY POINT		
LR94	Long	83° 11' 28.2575" E	0.001	Processed (static)
	Lat	23° 45' 58.8151" N	0.000	Processed (static)
	Ellips height	409.586	0.001	Processed (static)
	Description	SURVEY POINT		



RR94	Long	83° 11' 28.6602" E	0.001	Processed (static)
	Lat	23° 45' 58.6935" N	0.001	Processed (static)
	Ellips height	409.159	0.002	Processed (static)
	Description	SURVEY POINT		
LR95	Long	83° 11' 28.7460" E	0.063	Processed (static)
	Lat	23° 46' 00.5069" N	0.048	Processed (static)
	Ellips height	409.662	0.070	Processed (static)
	Description	SURVEY POINT		
RR95	Long	83° 11' 29.1594" E	0.067	Processed (static)
	Lat	23° 46' 00.4211" N	0.054	Processed (static)
	Ellips height	409.072	0.066	Processed (static)
	Description	SURVEY POINT		
LR96	Long	83° 11' 28.9342" E	0.001	Processed (static)
	Lat	23° 46' 02.1287" N	0.000	Processed (static)
	Ellips height	410.433	0.001	Processed (static)
	Description	SURVEY POINT		
RR96	Long	83° 11' 29.3363" E	0.001	Processed (static)
	Lat	23° 46' 02.0056" N	0.000	Processed (static)
	Ellips height	410.436	0.001	Processed (static)
	Description	SURVEY POINT		
LR97	Long	83° 11' 29.3877" E	0.001	Processed (static)
	Lat	23° 46' 03.8083" N	0.000	Processed (static)
	Ellips height	411.106	0.001	Processed (static)
	Description	SURVEY POINT		
RR97	Long	83° 11' 29.8018" E	0.059	Processed (static)
	Lat	23° 46' 03.7252" N	0.034	Processed (static)
	Ellips height	411.166	0.081	Processed (static)
	Description	SURVEY POINT		
LR98	Long	83° 11' 29.6657" E	0.063	Processed (static)
	Lat	23° 46' 05.4258" N	0.039	Processed (static)
	Ellips height	411.688	0.080	Processed (static)
	Description	SURVEY POINT		
RR98	Long	83° 11' 30.0886" E	0.064	Processed (static)
	Lat	23° 46' 05.4011" N	0.039	Processed (static)
	Ellips height	409.702	0.076	Processed (static)
	Description	SURVEY POINT		
LR99	Long	83° 11' 29.8710" E	0.001	Processed (static)
	Lat	23° 46' 07.0453" N	0.000	Processed (static)
	Ellips height	409.514	0.001	Processed (static)
	Description	SURVEY POINT		
RR99	Long	83° 11' 30.2898" E	0.001	Processed (static)
	Lat	23° 46' 06.9855" N	0.001	Processed (static)
	Ellips height	410.730	0.001	Processed (static)
	Description	SURVEY POINT		
LR100	Long	83° 11' 30.0492" E	0.001	Processed (static)
	Lat	23° 46' 08.7160" N	0.000	Processed (static)
	Ellips height	410.360	0.001	Processed (static)
	Description	SURVEY POINT		
RR100	Long	83° 11' 30.4588" E	0.062	Processed (static)
	Lat	23° 46' 08.6157" N	0.045	Processed (static)
	Ellips height	410.094	0.074	Processed (static)
	Description	SURVEY POINT		
LR101	Long	83° 11' 30.1595" E	0.001	Processed (static)
	Lat	23° 46' 10.4737" N	0.001	Processed (static)
	Ellips height	409.215	0.001	Processed (static)
	Description	SURVEY POINT		
RR101	Long	83° 11' 30.5806" E	0.001	Processed (static)
	Lat	23° 46' 10.4296" N	0.001	Processed (static)
	Ellips height	409.427	0.002	Processed (static)
	Description	SURVEY POINT		



LR102	Long	83° 11' 30.6138" E	0.001	Processed (static)
	Lat	23° 46' 11.9936" N	0.001	Processed (static)
	Ellips height	408.981	0.001	Processed (static)
	Description	SURVEY POINT		
RR102	Long	83° 11' 31.0126" E	0.008	Processed (static)
	Lat	23° 46' 11.8615" N	0.007	Processed (static)
	Ellips height	408.762	0.015	Processed (static)
	Description	SURVEY POINT		
LR103	Long	83° 11' 31.6038" E	0.001	Processed (static)
	Lat	23° 46' 13.5109" N	0.001	Processed (static)
	Ellips height	408.132	0.001	Processed (static)
	Description	SURVEY POINT		
RR103	Long	83° 11' 31.9639" E	0.001	Processed (static)
	Lat	23° 46' 13.3053" N	0.001	Processed (static)
	Ellips height	408.202	0.002	Processed (static)
	Description	SURVEY POINT		
LR104	Long	83° 11' 32.5588" E	0.001	Processed (static)
	Lat	23° 46' 14.9623" N	0.001	Processed (static)
	Ellips height	407.755	0.001	Processed (static)
	Description	SURVEY POINT		
RR104	Long	83° 11' 32.9079" E	0.001	Processed (static)
	Lat	23° 46' 14.7411" N	0.001	Processed (static)
	Ellips height	407.965	0.001	Processed (static)
	Description	SURVEY POINT		
LR105	Long	83° 11' 33.7765" E	0.001	Processed (static)
	Lat	23° 46' 16.2331" N	0.001	Processed (static)
	Ellips height	407.033	0.001	Processed (static)
	Description	SURVEY POINT		
RR105	Long	83° 11' 34.0855" E	0.001	Processed (static)
	Lat	23° 46' 15.9662" N	0.001	Processed (static)
	Ellips height	406.804	0.002	Processed (static)
	Description	SURVEY POINT		
LR106	Long	83° 11' 35.0826" E	0.001	Processed (static)
	Lat	23° 46' 17.3696" N	0.001	Processed (static)
	Ellips height	406.606	0.001	Processed (static)
	Description	SURVEY POINT		
RR106	Long	83° 11' 35.4158" E	0.061	Processed (static)
	Lat	23° 46' 17.1285" N	0.054	Processed (static)
	Ellips height	406.265	0.068	Processed (static)
	Description	SURVEY POINT		
LR107	Long	83° 11' 36.3454" E	0.061	Processed (static)
	Lat	23° 46' 18.5796" N	0.038	Processed (static)
	Ellips height	404.957	0.077	Processed (static)
	Description	SURVEY POINT		
RR107	Long	83° 11' 36.6845" E	0.071	Processed (static)
	Lat	23° 46' 18.3457" N	0.043	Processed (static)
	Ellips height	404.640	0.104	Processed (static)
	Description	SURVEY POINT		
LR108	Long	83° 11' 37.7652" E	0.001	Processed (static)
	Lat	23° 46' 19.7676" N	0.001	Processed (static)
	Ellips height	402.830	0.002	Processed (static)
	Description	SURVEY POINT		
RR108	Long	83° 11' 37.7675" E	0.001	Processed (static)
	Lat	23° 46' 19.3776" N	0.001	Processed (static)
	Ellips height	403.226	0.001	Processed (static)
	Description	SURVEY POINT		
LR109	Long	83° 11' 39.1067" E	0.001	Processed (static)
	Lat	23° 46' 20.9772" N	0.001	Processed (static)
	Ellips height	402.060	0.001	Processed (static)
	Description	SURVEY POINT		



RR109	Long	83° 11' 39.3938" E	0.001	Processed (static)
	Lat	23° 46' 20.6902" N	0.001	Processed (static)
	Ellips height	401.939	0.001	Processed (static)
	Description	SURVEY POINT		
LR110	Long	83° 11' 40.3890" E	0.001	Processed (static)
	Lat	23° 46' 22.0471" N	0.001	Processed (static)
	Ellips height	399.971	0.001	Processed (static)
	Description	SURVEY POINT		
RR110	Long	83° 11' 40.7169" E	0.001	Processed (static)
	Lat	23° 46' 21.8000" N	0.001	Processed (static)
	Ellips height	400.509	0.001	Processed (static)
	Description	SURVEY POINT		
LR111	Long	83° 11' 41.0020" E	0.001	Processed (static)
	Lat	23° 46' 22.5743" N	0.001	Processed (static)
	Ellips height	399.167	0.001	Processed (static)
	Description	SURVEY POINT		
RR111	Long	83° 11' 41.3795" E	0.001	Processed (static)
	Lat	23° 46' 22.3971" N	0.001	Processed (static)
	Ellips height	400.300	0.001	Processed (static)
	Description	SURVEY POINT		
LR112	Long	83° 11' 42.04900"E	0.062	Processed (static)
	Lat	23° 46' 23.29758"N	0.044	Processed (static)
	Ellips height	401.249	0.077	Processed (static)
	Description	SURVEY POINT		
RR112	Long	83° 11' 42.44521"E	0.001	Processed (static)
	Lat	23° 46' 23.08420"N	0.001	Processed (static)
	Ellips height	401.030	0.001	Processed (static)
	Description	SURVEY POINT		
LR113	Long	83° 11' 43.47560"E	0.056	Processed (static)
	Lat	23° 46' 24.26946"N	0.051	Processed (static)
	Ellips height	404.170	0.073	Processed (static)
	Description	SURVEY POINT		
RR113	Long	83° 11' 43.55421"E	0.001	Processed (static)
	Lat	23° 46' 23.85323"N	0.001	Processed (static)
	Ellips height	403.326	0.001	Processed (static)
	Description	SURVEY POINT		
LR114	Long	83° 11' 44.13557"E	0.064	Processed (static)
	Lat	23° 46' 24.56608"N	0.044	Processed (static)
	Ellips height	404.188	0.076	Processed (static)
	Description	SURVEY POINT		
RR114	Long	83° 11' 44.09412"E	0.001	Processed (static)
	Lat	23° 46' 24.14520"N	0.001	Processed (static)
	Ellips height	403.456	0.002	Processed (static)
	Description	SURVEY POINT		



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वन परिक्षाधिकारी
वाडूफ नगर