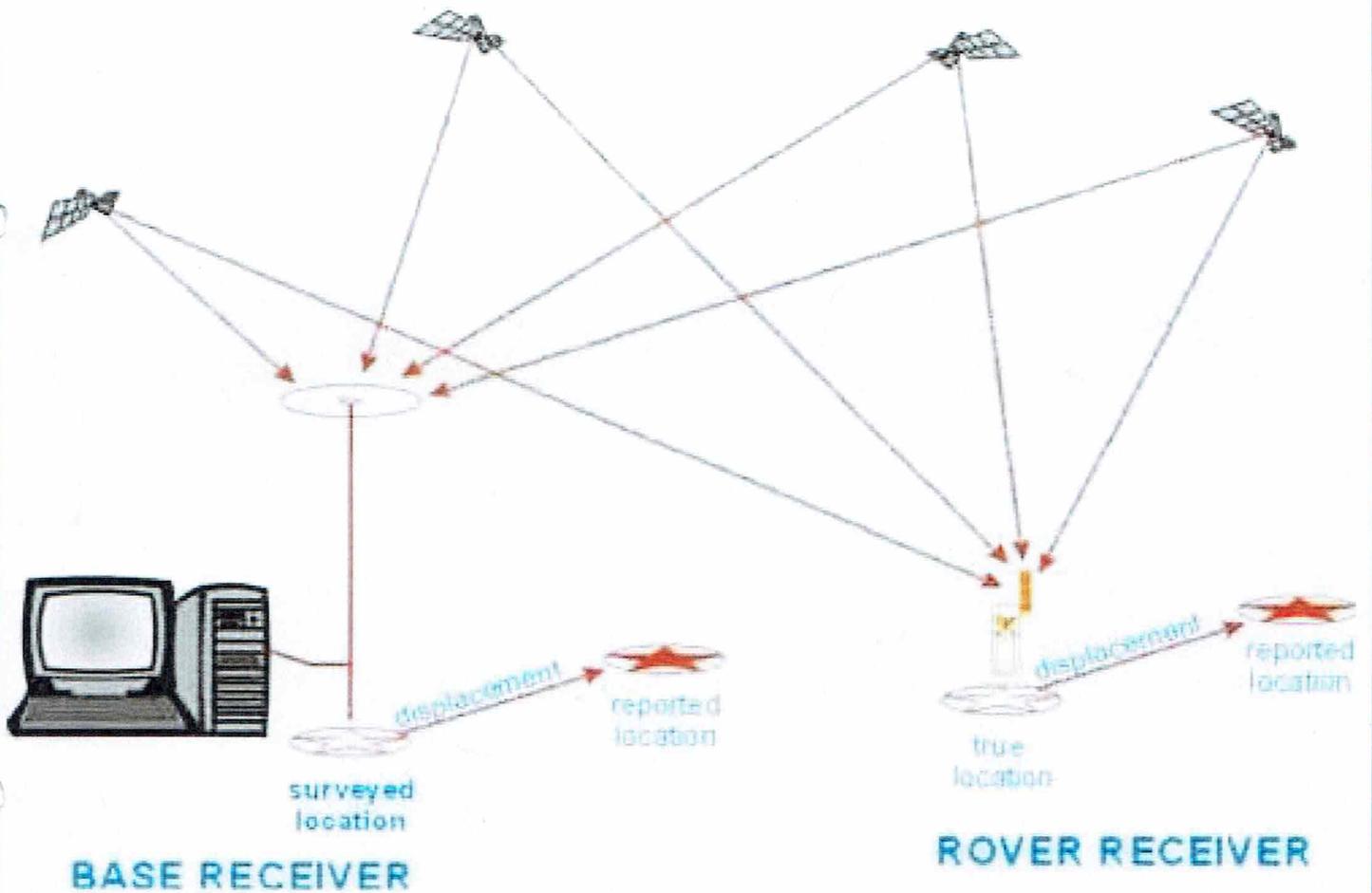


**D.G.P.S. SURVEY REPORT FOR  
MOHAD JALASHAY  
FOREST DIVISION RAJNANDGAON  
DISTRICT RAJNANDGAON  
CHHATTISGARH**



**Name of the Applicant:**

Executive Engineer,  
Water Resources Department,  
Division-Balod,  
District-Balod, Chhattisgarh.

*BNK*  
वनमंडल अधिकारी  
राजनंदगांव वनमंडल (छ. ग.)



*Sub-Eng*  
Sub-Eng

*Sub-Eng*  
Sub Divisional Officer  
Mogra Project Water Resources  
Sub Division No.2 Dongorgaon  
Distt.-Rajnandgaon (C.G.)

*Sub-Eng*  
Executive Engineer  
Water Resources ~~Project~~ Division, Balod  
Distt.-Balod (C.G.)

# INDEX

---

<b>S. No.</b>	<b>PARTICULAR</b>
---------------	-------------------

1	ABOUT US
2	INTRODUCTION TO DGPS
3	INTRODUCTION TO SURVEY SITE
4	SURVEY DATE & PHOTOGRAPHS

---

## MAPS ON A3 SIZE PRINTOUT

---

<b>S. No.</b>	<b>PARTICULARS</b>
---------------	--------------------

1	LOCATION MAP
2	GEO REFERENCE SURVEY SITE ON SOI TOPOSHEET IN A0 SIZE
3	SURVEY SITE SUPERIMPOSE ON GOOGLE IMAGE
4	SURVEY SITE SUPERIMPOSE ON SATELLITE IMAGE
5	SURVEY POINTS ON SOI TOPOSHEET IN A0 SIZE

---

## DATA ENCLOSED IN SOFT COPY

---

<b>S. NO.</b>	<b>PARTICULARS</b>
---------------	--------------------

1	SURVEY REPORT
2	KML FILE
3	SHP FILE
4	MAPS IN JPEG & PDF FORMAT

---



## 1. ABOUT US

---

**Computer Plus** an **ISO 9001:2008 certified** organization working in the field of I.T. Consulting & Software Services. We are registered organization under **Directorate of Geology and Mining, Chhattisgarh**. We are serving since 1998 & head office in Raipur, (C.G.), with core competence in the areas of Integrated Business Solutions with Implementation and Support.

### Our Team:

We're justifiably proud of the team we've assembled. Initially numbering just two programmers, **Computer Plus** has grown steadily and now has over 250 staff members. The **Computer Plus** team is made up of highly-qualified, talented and innovative IT and GIS professionals each with their own area of expertise. Their experience spans the full range of custom software development, from small entrepreneurial projects to complex systems for major corporations.

### Our Mission:

**Computer Plus's** mission is to solve challenging technical problems in partnership with our clients.

How we achieve it:

- We understand the business needs of our clients, and how technology can be a tool to make modern businesses more profitable for both private and government sector.
- **Computer Plus** combines technical excellence with great customer service and value for money.
- We value creativity and collaboration; ideas are shared and everybody contributes on an individual basis toward the common goal.

We create new teams for each project, ensuring the best possible combination of skills and experience to meet the client's needs and deliver high quality solutions.

---

## 2. INTRODUCTION TO DGPS

---

### WHAT IS DGPS AND WHY USE IT?

- **Differential Global Positioning System (DGPS)** is an enhancement to Global Positioning System that provides improved location accuracy, from the 15-meter nominal GPS accuracy to about 10 cm in case of the best implementations.

- DGPS refers to using a combination of receivers and satellites to reduce/eliminate common receiver based and satellite based errors reduce orbit errors reduce ionospheric and tropospheric errors reduce effects of SA eliminate satellite and receiver clock errors

- improve accuracy significantly 100's of metres to metres to centimetres to millimetres

1. DGPS uses one or several (network) fixed ground based reference stations (in known locations).

2. The base station compares its own known location, to that computed from a GPS receiver.

3. Any difference is then broadcast as a correction to the user.

Correction signals can be broadcast either from ground stations, or via additional satellites. These services are privately owned and usually require a user subscription.



## Examples:

- Satellite Based Augmentation System (SBAS),
- Wide Area Augmentation System (WAAS),
- Local Area Augmentation System (LAAS),
- European Geostationary Navigation Overlay Service (EGNOS),
- Omni STAR
- Coast guard beacon service.

## Why do we Need Differential GPS?

By using DGPS we can improve our positional accuracy from around 1.5m with standard GPS to around 40cm with DGPS, without the need for post processing.

In the case of the road survey van (top right), users can measure the amount of road wear and judge whether the road should be resurfaced just by driving over it. Just one day's driving can replace a month's manual work using traditional methods.

There are many other applications like this. The labour saving is immense but at the same time, previously impossible tasks are made possible such as the prediction of earthquakes before they occur.

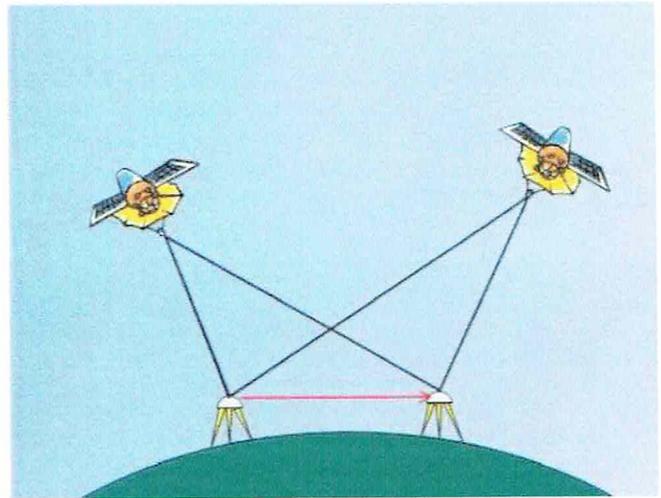


## DGPS Summary

- Term refers to simple C/A code differential
- Available on GPS receivers from low cost to high cost
- Produces accuracies from sub-metre to metres
- Many real-time DGPS correction providers - Coast guard, EGNOS, OmniSTAR
- Used for many different applications including marine navigation, precision farming and vehicle testing applications.

## What is RTK?

Real Time Kinematic is an advanced form of DGPS which uses the satellites carrier wave to compare 2 observations from different receivers within the system, to fine tune the satellite and receiver clock errors, thus improving positional accuracy.



## Real Time Kinematic (RTK)

The GPS signal is made up of 3 distinct components:

- Carrier wave
- GPS Code
- Navigation message

Typical GPS receivers will use the GPS navigation message to calculate its position.

RTK uses the carrier wave of the GPS signal, which is 19.02cm long. By counting the number of cycles (and phase of the carrier), the travel time and distance can be measured more accurately.

## RTK Summary

- Similar technique as DGPS that uses the carrier phase to provide more accurate positioning
- Cost is higher compared to DGPS receivers
- Produces accuracies from 20 cm to sub-centimetres
- RTK corrections provided via a local base station or by a private correction provider - OmniSTAR, Leica, Trimble
- Used for many different applications including machine control (construction, container ports, farming), vehicle testing applications, surveying (land, marine, hydrographic, aerial)

## RINEX FILE

The first proposal for the **Receiver Independent Exchange Format** **RINEX** was developed by the Astronomical Institute of the University of Berne for the easy exchange of the Global.

Positioning System (GPS) data to be collected during the first large European GPS campaign

EUREF 89, which involved more than 60 GPS receivers of 4 different manufacturers. The governing aspect during the development was the following fact:

Most geodetic processing software for GPS data use a well-defined set of observables:

- The carrier-phase measurement at one or both carriers (actually being a measurement on the beat frequency between the received carrier of the satellite signal and a receiver-generated reference frequency).
  - The pseudorange (code) measurement, equivalent to the difference of the time of reception (expressed in the time frame of the receiver) and the time of transmission (expressed in the time frame of the satellite) of a distinct satellite signal.
-

- The observation time being the reading of the receiver clock at the instant of validity of the carrier-phase and/or the code measurements.

Usually the software assumes that the observation time is valid for both the phase **and** the code measurements, **and** for all satellites observed. Consequently all these programs do not need most of the information that is usually stored by the receivers: They need phase, code, and time in the above mentioned definitions, and some station-related information like station name, antenna height, etc. Up till now two major format versions have been developed and published:

- The original RINEX Version 1 presented at and accepted by the 5<sup>th</sup> International Geodetic Symposium on Satellite Positioning in Las Cruces, 1989. [Gurtner et al. 1989],[Evans 1989]
- RINEX Version 2 presented at and accepted by the Second International Symposium of Precise Positioning with the Global Positioning system in Ottawa, 1990, mainly adding the possibility to include tracking data from different satellite systems (GLONASS, SBAS). [Gurtner and Mader 1990a, 1990b], [Gurtner 1994]. Several subversions of RINEX Version 2 have been defined:
  - Version 2.10: Among other minor changes allowing for sampling rates other than integer seconds and including raw signal strengths as new observables. [Gurtner 2002]
  - Version 2.11: Includes the definition of a two-character observation code for L2C pseudoranges and some modifications in the GEO NAV MESS files [Gurtner and Estey 2005]
  - Version 2.20: Unofficial version used for the exchange of tracking data from spaceborne receivers within the IGS LEO pilot project [Gurtner and Estey 2002]. As spin-offs of this idea of a receiver-independent GPS exchange format other RINEX-like exchange file formats have been defined, mainly used by the International GNSS Service IGS:
    - Exchange format for **satellite and receiver clock offsets** determined by processing data of a GNSS tracking network [Ray and Gurtner 1999]

- Exchange format for the complete **broadcast data of spacebased augmentation systems** SBAS. [Suard et al. 2004]
- IONEX: Exchange format for **ionosphere models** determined by processing data of a GNSS tracking network [Schaer et al. 1998]
- ANTEX: Exchange format for **phase center variations** of geodetic GNSS antennae [Rothacher and Schmid 2005].

The upcoming European Navigation Satellite System Galileo and the enhanced GPS with new frequencies and observation types, especially the possibility to track frequencies on different channels, ask for a more flexible and more detailed definition of the observation codes. To improve the handling of the data files in case of "mixed" files, i.e. files containing tracking data of more than one satellite system, each one with different observation types, the record structure of the data record has been modified significantly and, following several requests, the limitation to 80 characters length has been removed. As the changes are quite significant, they lead to a new RINEX Version 3. The new version also includes the unofficial Version 2.20 definitions for space-borne receivers. The major change asking for a version 3.01 was the requirement to generate consistent phase observations across different tracking modes or channels, i.e. to apply  $\frac{1}{4}$ -cycle shifts prior to RINEX file generation, if necessary, to facilitate the processing of such data.

The RINEX version 3.00 format consists of three ASCII file types:

1. Observation data File
2. Navigation message File
3. Meteorological data File

Each file type consists of a header section and a data section. The header section contains global information for the entire file and is placed at the beginning of the file. The header section contains **header labels in columns 61-80** for each line contained in the header section. These labels are mandatory and must appear exactly as given in these descriptions and examples. The format has been optimized for minimum space requirements independent from the number of different observation

---

types of a specific receiver or satellite system by indicating in the header the types of observations to be stored for this receiver and the satellite systems having been observed. In computer systems allowing variable record lengths the observation records may be kept as short as possible. Trailing blanks can be removed from the records. There is no maximum record length limitation for the observation records.

Each Observation file and each Meteorological Data file basically contain the data from one site and one session. Starting with Version 2 RINEX also allows including observation data from more than one site subsequently occupied by a roving receiver in rapid static or kinematic applications. Although Version 2 and higher allow to insert header records into the data section it is not recommended to concatenate data of more than one receiver (or antenna) into the same file, even if the data do not overlap in time. If data from more than one receiver have to be exchanged, it would not be economical to include the identical satellite navigation messages collected by the different receivers several times. Therefore the navigation message file from one receiver may be exchanged or a composite navigation message file created containing non-redundant information from several receivers in order to make the most complete file. The format of the data records of the RINEX Version 1 navigation message file was identical to the former NGS exchange format. RINEX version 3 navigation message files may contain navigation messages of more than one satellite system (GPS, GLONASS, Galileo, Quasi Zenith Satellite System (QZSS), BeiDou System (BDS) and SBAS). The actual format descriptions as well as examples are given in the Appendix Tables at the end of the document.

---

## BASIC DEFINITIONS

### Time:

The time of the measurement is the receiver time of the received signals. It is identical for the phase and range measurements and is identical for all satellites observed at that epoch. For single-system data files it is by default expressed in the time system of the respective satellite system. Otherwise the actual time can (for mixed files must) be indicated in the Start Time header record.

### Pseudo-Range:

The pseudo-range (PR) is the distance from the receiver antenna to the satellite antenna including receiver and satellite clock offsets (and other biases, such as atmospheric delays):  $PR = \text{distance} + c * (\text{receiver clock offset} - \text{satellite clock offset} + \text{other biases})$

so that the pseudo-range reflects the actual behaviour of the receiver and satellite clocks. The pseudo-range is stored in units of meters.

### Phase:

The phase is the carrier-phase measured in whole cycles. The half-cycles measured by squaring type receivers must be converted to whole cycles and flagged by the respective observation code.

The phase changes in the same sense as the range (negative doppler). The phase observations between epochs must be connected by including the integer number of cycles. The observables are not corrected for external effects like atmospheric refraction, satellite clock offsets, etc. If necessary phase observations are corrected for phase shifts needed to guarantee consistency between phases of the same frequency and satellite system based on different signal channels.



If the receiver or the converter software adjusts the measurements using the real-time-derived receiver clock offsets  $dT(r)$ , the consistency of the 3 quantities phase / pseudo-range / epoch must be maintained, i.e. the receiver clock correction should be applied to all 3 observables:

$$1 \text{ Time (corr) = Time}(r) - dT(r)$$

$$2 \text{ PR (corr) = PR}(r) - dT(r)*c$$

$$3 \text{ phase (corr) = phase}(r) - dT(r)*\text{freq}$$

#### Doppler:

The sign of the doppler shift as additional observable is defined as usual: Positive for approaching satellites.

#### Satellite numbers:

Starting with RINEX Version 2 the former two-digit satellite numbers **nn** are preceded by a one-character system identifier **s**. The same satellite system identifiers are also used in all header records when appropriate.

#### THE EXCHANGE OF RINEX FILES:

The original RINEX file naming convention was implemented in the MS-DOS era when file names were restricted to 8.3 characters. Modern operating systems typically support 255 character file names. The goal of the new file naming convention is to be more: descriptive, flexible and extensible than the RINEX 2.11 file naming convention. All elements are fixed length and are separated by an underscore “\_” except for the: file type and compression fields that uses a period “.” separator. Fields must be padded with zeros to fill the field width. The file compression field is optional. In order to further reduce the size of observation files Yuki Hatanaka developed a compression scheme that takes advantage of the structure of the RINEX observation data by forming higher order differences in time between observations of the same type and satellite. This compressed file is also an ASCII file that is subsequently compressed again using the above mentioned standard compression programs.

### 3. INTRODUCTION TO SURVEY SITE

The surveyed area is located on Various **Villages Badgaon, Masulkasa, Butakasa, Aatargaon, Parewadeeh, Bahoranbhedi, Mohad and Siralgarh**, which comes under **Block Ambagarh Chauki and Chhuriya Kalan, Tehsil Ambagarh Chauki and Rajnandgaon, District Rajnandgaon, Chhattisgarh**. Rajnandgaon longitude latitude is **81° 1'50.14"E 21° 5'47.62"N**. Survey site is located 58.1 km from **Rajnandgaon**. Survey site comes under **Forest Division Rajnandgaon, Forest Range Chhuriya and Ambagarh Chauki, Forest circle Durg**.

#### AREA DETAILS & LAND CLASSIFICATION (LEFT BANK CANAL)

S.No.	District Name	Division Name	Village Name	Khasra No.	Land Type	Area (In Hectare)
1	Rajnandgaon	Rajnandgaon	Aatargaon	311	Revenue Forest	0.315
2				320		0.010
3				315/1		0.056
4				318/1		0.007
5			Bahoranbhedi	405/1		0.272
6			Mohad	408		0.162
7				356		0.030
8				355		0.022
9				374		0.044
10				370/1		0.063
11				409		0.036
12				354		0.004
TOTAL						1.021

#### AREA DETAILS & LAND CLASSIFICATION (RIGHT BANK CANAL)

S.No.	District & Division Name	Village Name	Compartment No.	Khasra No.	Land Type	Area (In Hectare)
1	Rajnandgaon	-	693	-	Forest Land	10.969
2		-	694	-		8.028
3		Badgaon	-	586	Revenue Forest	7.558
4		Masulkasa	-	455H		3.619
5			-	457		0.196
6		Parewadeeh	-	35		2.019
7			-	35		0.005
8			-	66/2		1.391
9			-	38		0.060
10			-	36		0.169
11			-	37		0.052
TOTAL						34.066

*[Signature]*  
Sub-Divisional Officer

Mongra Project Water Resources  
Sub-Division Rajnandgaon

*[Signature]*  
Executive Engineer

Water Resources Barrage Division, Balog  
District Rajnandgaon (C.G.)



*[Signature]*  
वनमंडल अधिकारी  
राजनांदगांव वनमंडल (उ. व.)

**AREA DETAILS & LAND CLASSIFICATION**  
**(DUMPING AREA FOR WASTE MATERIAL OF CANAL)**

S.No.	District & Division Name	Village Name	Compartment No.	Khasra No.	Land Type	Area (In Hectare)
1	Rajnandgaon	-	693	-	Forest Land	3.450
2		-	693	-		1.210
3		Aatargaon	-	318/1	Revenue Forest	0.141
4		Badgaon	-	525		2.875
5		Bahoranbhedi	-	405/1		0.801
6		Masulkasa	-	115		0.081
7			-	119		0.040
8			-	311		0.425
9			-	321		0.162
10			-	316		0.688
11			-	345		0.129
12			-	456		0.971
13			-	292		4.706
14			-	455		2.073
15			-	35		0.405
16		-	120	0.020		
17		-	347	0.190		
18		Mohad	-	355		0.014
19			-	409		0.074
20			-	370/1	0.005	
21		Parewadeeh	-	5	0.016	
22			-	9	0.887	
23			-	73	0.049	
24			-	254	0.101	
25			-	265	0.089	
26			-	35	2.519	
27			-	30	6.564	
28			-	2	2.675	
<b>TOTAL</b>						<b>31.360</b>

**AREA DETAILS & LAND CLASSIFICATION**  
**(SUBMERGENCE)**

S.No.	District & Division Name	Village Name	Compartment No.	Khasra No.	Land Type	Area (In Hectare)
1	Rajnandgaon	-	1086	-	Forest Land	14.201
2		Butaksa	-	205	Revenue Forest	0.073
3			-	215		0.053
4			-	217		0.174
5		Mohad	-	567		0.316
6			-	621		0.162

Sub Divisional Officer  
Mongra Project Water Resources  
Sub Division No. 2, District, Balour

Executive Engineer  
Water Resources Raurage Division, Balour  
Distt. Balour (C.S.)



वनमंडल अधिकारी  
सुभाषचंद्र बनसाल (अ. अ.)

S.No.	District & Division Name	Village Name	Compartment No.	Khasra No.	Land Type	Area (In Hectare)			
7	Rajnandgaon	Mohad	-	635	Revenue Forest	0.121			
8			-	685		0.057			
9			-	702		0.150			
10			-	705		0.016			
11			-	709		2.626			
12			-	689		1.025			
13			-	703		0.178			
14			-	707		0.040			
15			-	681/3		0.806			
16			-	682		2.488			
17			-	609/1		1.011			
18			Siralgarh	-		62	0.934		
<b>TOTAL</b>						<b>24.431</b>			

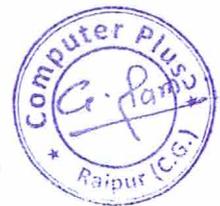
### LAND CLASSIFICATION

S.No.	LAND DESCRIPTION	LAND TYPE	AREA IN HECTARE
1	Left Bank Canal	Revenue Forest	<b>1.021</b>
2	Right Bank Canal	Forest Land	18.997
		Revenue Forest	15.069
3	Dumping Area For Waste Material Of Canal	Forest Land	4.660
		Revenue Forest	26.700
4	Submergence	Forest Land	14.201
		Revenue Forest	10.230
<b>TOTAL AREA</b>			<b>90.878</b>

*Sub-Div*  
*Sub-Div*

**Sub Divisional Officer**  
Mongra Project Water Resources  
Sub Division No.2 Dongargaon  
Distt.-Rajnandgaon (C.G.)

**Executive Engineer**  
Water Resources Barrage Division, Balod  
Disstt.-Balod (C.G.)



**वनसंरक्षक अधिकारी**  
राजनंदगांव वनसंरक्षक (छ. ग.)

## SURVEYED GROUND CONTROL POINTS

S.No.	PILLAR ID	LONGITUDE	LATITUDE
1	469	80°49' 54.152" E	20°44' 22.823" N
2	470	80°49' 53.159" E	20°44' 20.141" N
3	471	80°49' 51.730" E	20°44' 17.203" N
3A	3A	80°49' 51.566" E	20°44' 17.622" N
3B	3B	80°49' 51.652" E	20°44' 18.249" N
4	475	80°49' 52.385" E	20°44' 20.126" N
5	476	80°49' 36.498" E	20°44' 3.682" N
6	477	80°49' 36.246" E	20°44' 3.656" N
6A	6A	80°49' 36.160" E	20°44' 4.255" N
7	478	80°49' 36.145" E	20°44' 4.970" N
7A	7A	80°49' 36.154" E	20°44' 5.178" N
8	479	80°49' 36.242" E	20°44' 5.316" N
9	480	80°49' 36.444" E	20°44' 4.603" N
9A	9A	80°49' 36.556" E	20°44' 4.143" N
10	481	80°49' 35.627" E	20°44' 3.895" N
11	482	80°49' 35.771" E	20°44' 5.507" N
12	483	80°49' 36.001" E	20°44' 6.497" N
12A	12A	80°49' 35.829" E	20°44' 7.123" N
13	484	80°49' 35.857" E	20°44' 7.325" N
14	485	80°49' 35.465" E	20°44' 8.012" N
15	486	80°49' 35.490" E	20°44' 8.668" N
15A	15A	80°49' 35.461" E	20°44' 9.090" N
16	487	80°49' 35.918" E	20°44' 10.518" N
17	488	80°49' 35.872" E	20°44' 11.191" N
18	494	80°49' 34.244" E	20°44' 9.701" N
19	495	80°49' 35.065" E	20°44' 5.467" N
19A	19A	80°49' 35.334" E	20°44' 5.058" N
20	496	80°49' 36.116" E	20°44' 11.400" N
21	497	80°49' 36.062" E	20°44' 12.559" N
22	498	80°49' 36.746" E	20°44' 12.556" N
23	499	80°49' 36.962" E	20°44' 13.294" N
24	500	80°49' 38.294" E	20°44' 14.568" N
25	501	80°49' 36.898" E	20°44' 14.770" N
26	502	80°49' 37.286" E	20°44' 15.504" N
27	503	80°49' 39.587" E	20°44' 17.246" N
28	504	80°49' 40.987" E	20°44' 18.341" N
29	505	80°49' 41.934" E	20°44' 18.485" N
30	506	80°49' 42.221" E	20°44' 18.385" N
31	507	80°49' 41.894" E	20°44' 17.386" N
32	508	80°49' 40.372" E	20°44' 17.084" N
33	509	80°49' 37.888" E	20°44' 13.034" N
34	510	80°49' 38.870" E	20°44' 22.063" N
35	511	80°49' 39.522" E	20°44' 21.779" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
36	512	80°49' 39.601" E	20°44' 21.239" N
37	513	80°49' 38.851" E	20°44' 20.247" N
38	514	80°49' 38.693" E	20°44' 19.299" N
39	515	80°49' 37.891" E	20°44' 18.380" N
40	516	80°49' 37.081" E	20°44' 18.910" N
41	517	80°49' 36.569" E	20°44' 17.951" N
42	518	80°49' 36.041" E	20°44' 17.981" N
43	519	80°49' 35.170" E	20°44' 18.099" N
44	520	80°49' 34.308" E	20°44' 18.172" N
45	521	80°49' 34.467" E	20°44' 18.667" N
46	522	80°49' 35.687" E	20°44' 18.689" N
47	523	80°49' 35.185" E	20°44' 18.658" N
48	524	80°49' 36.216" E	20°44' 19.179" N
49	525	80°49' 36.775" E	20°44' 19.000" N
50	526	80°49' 37.762" E	20°44' 20.134" N
51	527	80°49' 38.766" E	20°44' 22.304" N
52	528	80°49' 38.276" E	20°44' 22.189" N
53	529	80°49' 38.014" E	20°44' 21.941" N
53A	53A	80°49' 37.978" E	20°44' 21.364" N
54	530	80°49' 38.006" E	20°44' 21.260" N
54A	54A	80°49' 38.353" E	20°44' 21.558" N
55	531	80°49' 37.984" E	20°44' 21.192" N
55A	55A	80°49' 37.808" E	20°44' 20.917" N
56	532	80°49' 36.710" E	20°44' 19.687" N
56A	56A	80°49' 36.531" E	20°44' 19.731" N
56B	56B	80°49' 36.294" E	20°44' 20.010" N
57	533	80°49' 36.091" E	20°44' 20.555" N
58	534	80°49' 36.430" E	20°44' 20.958" N
58A	58A	80°49' 36.793" E	20°44' 20.959" N
59	535	80°49' 36.977" E	20°44' 20.872" N
60	536	80°49' 36.991" E	20°44' 20.702" N
61	537	80°49' 37.322" E	20°44' 20.609" N
62	538	80°49' 37.614" E	20°44' 20.929" N
63	539	80°49' 37.610" E	20°44' 21.080" N
64	545	80°49' 38.243" E	20°44' 25.997" N
65	546	80°49' 38.401" E	20°44' 25.958" N
66	547	80°49' 38.636" E	20°44' 25.901" N
67	548	80°49' 38.597" E	20°44' 25.627" N
68	549	80°49' 38.536" E	20°44' 25.498" N
69	550	80°49' 38.651" E	20°44' 25.498" N
70	551	80°49' 39.585" E	20°44' 25.140" N
71	552	80°49' 39.716" E	20°44' 24.688" N
72	553	80°49' 39.425" E	20°44' 24.396" N
73	554	80°49' 39.011" E	20°44' 24.727" N
74	555	80°49' 38.215" E	20°44' 24.738" N
75	556	80°49' 38.273" E	20°44' 24.900" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
76	557	80°49' 38.054" E	20°44' 24.939" N
77	558	80°49' 37.955" E	20°44' 25.245" N
78	559	80°49' 38.032" E	20°44' 25.588" N
79	560	80°49' 33.326" E	20°44' 21.790" N
80	561	80°49' 32.167" E	20°44' 21.469" N
81	562	80°49' 31.840" E	20°44' 21.959" N
82	563	80°49' 31.555" E	20°44' 22.470" N
83	564	80°49' 30.894" E	20°44' 23.762" N
84	565	80°49' 30.461" E	20°44' 24.378" N
85	566	80°49' 30.194" E	20°44' 24.774" N
86	567	80°49' 29.986" E	20°44' 25.231" N
87	568	80°49' 30.000" E	20°44' 25.721" N
88	569	80°49' 30.594" E	20°44' 25.652" N
89	570	80°49' 30.734" E	20°44' 26.527" N
90	571	80°49' 30.565" E	20°44' 27.064" N
91	572	80°49' 31.628" E	20°44' 27.148" N
92	573	80°49' 32.452" E	20°44' 26.200" N
92A	92A	80°49' 32.750" E	20°44' 25.751" N
93	574	80°49' 33.632" E	20°44' 24.803" N
94	575	80°49' 33.661" E	20°44' 25.534" N
95	576	80°49' 34.295" E	20°44' 25.955" N
96	577	80°49' 33.517" E	20°44' 26.711" N
97	578	80°49' 33.848" E	20°44' 28.550" N
98	579	80°49' 32.880" E	20°44' 28.403" N
99	580	80°49' 32.866" E	20°44' 28.374" N
99A	99A	80°49' 31.966" E	20°44' 28.394" N
100	581	80°49' 31.138" E	20°44' 28.302" N
100A	100A	80°49' 31.170" E	20°44' 28.654" N
100B	100B	80°49' 31.128" E	20°44' 29.549" N
101	582	80°49' 31.048" E	20°44' 29.807" N
101A	101A	80°49' 31.319" E	20°44' 30.232" N
102	583	80°49' 31.573" E	20°44' 30.520" N
103	584	80°49' 32.117" E	20°44' 30.491" N
104	585	80°49' 32.380" E	20°44' 30.829" N
105	586	80°49' 32.326" E	20°44' 31.099" N
106	587	80°49' 32.488" E	20°44' 31.355" N
106A	106A	80°49' 32.042" E	20°44' 31.633" N
107	588	80°49' 31.930" E	20°44' 31.657" N
108	589	80°49' 31.894" E	20°44' 32.219" N
109	590	80°49' 32.250" E	20°44' 32.935" N
110	591	80°49' 34.151" E	20°44' 32.636" N
110A	110A	80°49' 33.963" E	20°44' 32.200" N
111	592	80°49' 34.072" E	20°44' 32.057" N
111A	111A	80°49' 33.995" E	20°44' 31.968" N
111B	111B	80°49' 33.975" E	20°44' 31.392" N
112	593	80°49' 33.917" E	20°44' 31.351" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
112A	112A	80°49' 33.780" E	20°44' 30.926" N
113	594	80°49' 33.856" E	20°44' 30.268" N
114	595	80°49' 34.154" E	20°44' 30.221" N
114A	114A	80°49' 34.253" E	20°44' 30.124" N
115	596	80°49' 34.439" E	20°44' 29.843" N
116	597	80°49' 34.655" E	20°44' 29.904" N
117	598	80°49' 34.741" E	20°44' 29.360" N
118	599	80°49' 35.166" E	20°44' 29.350" N
119	600	80°49' 35.227" E	20°44' 28.846" N
120	601	80°49' 36.247" E	20°44' 28.733" N
121	602	80°49' 36.322" E	20°44' 28.363" N
122	592A	80°49' 37.091" E	20°44' 27.768" N
123	592B	80°49' 37.147" E	20°44' 27.660" N
123A	123A	80°49' 37.064" E	20°44' 27.634" N
124	592C	80°49' 36.946" E	20°44' 27.617" N
125	603/1	80°49' 36.156" E	20°44' 27.316" N
126	603/2	80°49' 36.149" E	20°44' 27.474" N
126A	126A	80°49' 35.709" E	20°44' 27.293" N
126B	126B	80°49' 35.500" E	20°44' 27.050" N
126C	126C	80°49' 35.376" E	20°44' 26.817" N
127	594A	80°49' 35.365" E	20°44' 26.637" N
127A	127A	80°49' 35.310" E	20°44' 26.524" N
127B	127B	80°49' 35.301" E	20°44' 26.326" N
128	604	80°49' 35.389" E	20°44' 26.131" N
129	605	80°49' 35.456" E	20°44' 25.960" N
130	606	80°49' 35.173" E	20°44' 25.814" N
131	607	80°49' 35.220" E	20°44' 25.645" N
131A	131A	80°49' 35.183" E	20°44' 25.243" N
132	608	80°49' 35.198" E	20°44' 24.965" N
133	609	80°49' 34.792" E	20°44' 24.864" N
134	610	80°49' 34.853" E	20°44' 24.184" N
135	611	80°49' 34.252" E	20°44' 24.166" N
136	612	80°49' 34.039" E	20°44' 23.557" N
137	613	80°49' 33.809" E	20°44' 23.286" N
138	614	80°49' 33.510" E	20°44' 23.554" N
138A	138A	80°49' 33.120" E	20°44' 23.517" N
138B	138B	80°49' 32.893" E	20°44' 23.459" N
139	615	80°49' 32.642" E	20°44' 23.356" N
139A	139A	80°49' 32.618" E	20°44' 23.130" N
140	616	80°49' 32.786" E	20°44' 22.726" N
141	617	80°49' 33.060" E	20°44' 22.567" N
142	653	80°49' 17.692" E	20°44' 21.865" N
143	654	80°49' 17.702" E	20°44' 21.480" N
143A	143A	80°49' 17.546" E	20°44' 21.458" N
144	645A	80°49' 17.371" E	20°44' 21.372" N
144A	144A	80°49' 17.113" E	20°44' 21.430" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
145	645B	80°49' 16.867" E	20°44' 21.430" N
146	655	80°49' 16.781" E	20°44' 21.826" N
146A	146A	80°49' 16.712" E	20°44' 22.227" N
146B	146B	80°49' 17.018" E	20°44' 22.374" N
147	662	80°49' 15.877" E	20°44' 20.314" N
148	663	80°49' 15.644" E	20°44' 20.504" N
148A	148A	80°49' 15.279" E	20°44' 21.246" N
148B	148B	80°49' 15.187" E	20°44' 21.701" N
149	664	80°49' 15.067" E	20°44' 21.844" N
149A	149A	80°49' 15.244" E	20°44' 21.838" N
149B	149B	80°49' 15.293" E	20°44' 21.365" N
149C	149C	80°49' 15.694" E	20°44' 20.585" N
150	665	80°49' 14.326" E	20°44' 22.211" N
150A	150A	80°49' 14.272" E	20°44' 21.714" N
150B	150B	80°49' 13.924" E	20°44' 20.985" N
150C	150C	80°49' 13.939" E	20°44' 20.839" N
150D	150D	80°49' 13.871" E	20°44' 20.598" N
151	666	80°49' 13.728" E	20°44' 20.328" N
152	667	80°49' 14.102" E	20°44' 20.342" N
153	668	80°49' 14.178" E	20°44' 19.968" N
154	669	80°49' 14.481" E	20°44' 20.013" N
155	670	80°49' 14.531" E	20°44' 19.558" N
156	671	80°49' 14.304" E	20°44' 19.561" N
157	672	80°49' 13.787" E	20°44' 20.070" N
158	673	80°49' 13.638" E	20°44' 20.904" N
158A	158A	80°49' 13.854" E	20°44' 22.245" N
158B	158B	80°49' 13.755" E	20°44' 23.052" N
158C	158C	80°49' 13.245" E	20°44' 23.094" N
158D	158D	80°49' 13.030" E	20°44' 23.636" N
158E	158E	80°49' 13.153" E	20°44' 23.984" N
158F	158F	80°49' 12.918" E	20°44' 24.072" N
158G	158G	80°49' 12.979" E	20°44' 24.275" N
158H	158H	80°49' 12.654" E	20°44' 24.799" N
158I	158I	80°49' 12.621" E	20°44' 25.072" N
159	684	80°49' 13.015" E	20°44' 25.030" N
159A	159A	80°49' 13.216" E	20°44' 24.360" N
159B	159B	80°49' 13.473" E	20°44' 24.347" N
159C	159C	80°49' 13.767" E	20°44' 24.754" N
159D	159D	80°49' 13.664" E	20°44' 23.695" N
159E	159E	80°49' 13.953" E	20°44' 23.682" N
160	738	80°49' 3.106" E	20°44' 18.668" N
161	739	80°49' 3.983" E	20°44' 18.409" N
162	740	80°49' 4.181" E	20°44' 18.935" N
163	741	80°49' 3.530" E	20°44' 19.169" N
164	742	80°49' 3.004" E	20°44' 19.021" N
165	766	80°49' 9.476" E	20°44' 29.818" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
166	767	80°49' 9.368" E	20°44' 29.760" N
166A	166A	80°49' 9.134" E	20°44' 29.745" N
167	768	80°49' 8.184" E	20°44' 29.980" N
167A	167A	80°49' 8.174" E	20°44' 30.296" N
167B	167B	80°49' 8.396" E	20°44' 30.686" N
168	769	80°49' 8.641" E	20°44' 30.811" N
169	760A	80°49' 6.668" E	20°44' 30.700" N
170	760B	80°49' 6.884" E	20°44' 30.700" N
171	760C	80°49' 7.154" E	20°44' 29.951" N
171A	171A	80°49' 7.299" E	20°44' 29.842" N
172	760D	80°49' 8.018" E	20°44' 29.544" N
172A	172A	80°49' 8.026" E	20°44' 28.926" N
173	760E	80°49' 8.299" E	20°44' 28.050" N
174	760F	80°49' 8.505" E	20°44' 27.943" N
175	760G	80°49' 8.331" E	20°44' 27.646" N
176	760H	80°49' 7.975" E	20°44' 27.942" N
177	760I	80°49' 7.253" E	20°44' 28.682" N
178	760J	80°49' 7.226" E	20°44' 28.842" N
179	760K	80°49' 6.971" E	20°44' 28.817" N
179A	179A	80°49' 6.884" E	20°44' 29.808" N
180	791	80°48' 55.145" E	20°44' 22.895" N
181	792	80°48' 57.856" E	20°44' 22.153" N
181A	181A	80°48' 57.900" E	20°44' 21.896" N
182	793	80°48' 58.043" E	20°44' 21.638" N
183	794	80°48' 58.036" E	20°44' 20.828" N
184	795	80°48' 57.902" E	20°44' 20.832" N
185	796	80°48' 57.398" E	20°44' 20.069" N
186	786A	80°48' 57.852" E	20°44' 20.144" N
186A	186A	80°48' 57.250" E	20°44' 21.887" N
186B	186B	80°48' 55.330" E	20°44' 21.873" N
187	803	80°48' 57.528" E	20°44' 19.946" N
187A	187A	80°48' 57.654" E	20°44' 19.580" N
188	804	80°48' 57.762" E	20°44' 19.036" N
189	805	80°48' 57.892" E	20°44' 19.043" N
189A	189A	80°48' 58.145" E	20°44' 18.552" N
190	806	80°48' 58.504" E	20°44' 18.186" N
191	807	80°48' 58.079" E	20°44' 17.902" N
192	808	80°48' 58.010" E	20°44' 17.556" N
192A	192A	80°48' 57.858" E	20°44' 17.619" N
192B	192B	80°48' 57.541" E	20°44' 17.825" N
192C	192C	80°48' 57.713" E	20°44' 18.123" N
192D	192D	80°48' 57.489" E	20°44' 19.545" N
193	868	80°48' 47.268" E	20°44' 5.201" N
194	869	80°48' 48.160" E	20°44' 4.371" N
195	858B	80°48' 49.557" E	20°44' 3.480" N
196	858C	80°48' 49.907" E	20°44' 2.706" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
197	858A	80°48' 50.061" E	20°44' 3.334" N
198	870	80°48' 50.296" E	20°44' 2.645" N
199	871	80°48' 51.127" E	20°44' 2.231" N
199A	199A	80°48' 51.284" E	20°44' 1.037" N
199B	199B	80°48' 51.526" E	20°44' 0.055" N
200	872	80°48' 51.934" E	20°43' 58.624" N
201	873	80°48' 51.210" E	20°43' 58.710" N
202	874	80°48' 51.062" E	20°43' 58.573" N
203	875	80°48' 50.850" E	20°43' 58.526" N
203A	203A	80°48' 50.919" E	20°43' 58.179" N
204	876	80°48' 50.882" E	20°43' 57.580" N
205	877	80°48' 51.300" E	20°43' 57.176" N
205A	205A	80°48' 51.693" E	20°43' 56.539" N
205B	205B	80°48' 51.927" E	20°43' 55.876" N
206	878	80°48' 51.944" E	20°43' 55.632" N
207	879	80°48' 52.823" E	20°43' 55.736" N
208	880	80°48' 53.201" E	20°43' 55.596" N
209	881	80°48' 53.687" E	20°43' 55.412" N
210	882	80°48' 53.658" E	20°43' 55.301" N
210A	210A	80°48' 53.364" E	20°43' 55.127" N
211	883	80°48' 53.219" E	20°43' 54.991" N
211A	211A	80°48' 53.488" E	20°43' 54.715" N
212	884	80°48' 53.698" E	20°43' 54.289" N
212A	212A	80°48' 53.516" E	20°43' 54.324" N
212B	212B	80°48' 52.990" E	20°43' 54.255" N
213	885	80°48' 52.528" E	20°43' 54.041" N
213A	213A	80°48' 51.968" E	20°43' 54.170" N
214	886	80°48' 51.030" E	20°43' 54.278" N
215	875A	80°48' 50.684" E	20°43' 54.581" N
216	875B	80°48' 50.263" E	20°43' 54.678" N
216A	216A	80°48' 49.349" E	20°43' 55.327" N
217	887	80°48' 48.985" E	20°43' 55.708" N
218	888	80°48' 48.395" E	20°43' 55.758" N
219	889	80°48' 48.092" E	20°43' 56.471" N
219A	219A	80°48' 48.344" E	20°43' 56.760" N
219B	219B	80°48' 48.943" E	20°43' 57.117" N
220	890	80°48' 49.356" E	20°43' 57.263" N
221	879A	80°48' 49.352" E	20°43' 57.670" N
222	879B	80°48' 48.910" E	20°43' 57.803" N
223	891	80°48' 47.549" E	20°43' 59.074" N
224	892	80°48' 46.357" E	20°44' 0.564" N
225	893	80°48' 45.318" E	20°44' 1.944" N
226	894	80°48' 45.256" E	20°44' 2.905" N
227	895	80°48' 44.788" E	20°44' 2.966" N
228	896	80°48' 44.150" E	20°44' 4.068" N
229	897	80°48' 43.747" E	20°44' 6.617" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
229A	229A	80°48' 45.704" E	20°44' 6.906" N
230	434	80°51' 25.754" E	20°44' 59.370" N
231	435	80°51' 25.517" E	20°44' 59.316" N
232	436	80°51' 25.085" E	20°44' 59.723" N
233	437	80°51' 25.186" E	20°44' 59.777" N
234	438	80°51' 25.150" E	20°44' 59.881" N
235	439	80°51' 25.672" E	20°45' 0.022" N
236	440	80°51' 25.704" E	20°44' 59.888" N
237	441	80°51' 25.909" E	20°44' 59.446" N
238	442	80°51' 26.752" E	20°44' 59.500" N
239	443	80°51' 26.957" E	20°44' 59.442" N
240	444	80°51' 27.011" E	20°44' 59.060" N
241	445	80°51' 27.425" E	20°44' 59.136" N
242	446	80°51' 27.364" E	20°44' 59.446" N
243	447	80°51' 27.752" E	20°44' 59.482" N
244	448	80°51' 27.738" E	20°44' 59.194" N
245	449	80°51' 27.486" E	20°44' 58.974" N
246	450	80°51' 27.446" E	20°44' 58.787" N
246A	246A	80°51' 28.087" E	20°44' 56.420" N
247	451	80°51' 28.591" E	20°44' 56.227" N
248	452	80°51' 28.433" E	20°44' 56.159" N
249	453	80°51' 28.415" E	20°44' 56.152" N
250	454	80°51' 28.430" E	20°44' 55.068" N
251	455	80°51' 27.889" E	20°44' 54.812" N
252	456	80°51' 27.288" E	20°44' 54.470" N
253	457	80°51' 26.960" E	20°44' 54.701" N
254	458	80°51' 26.899" E	20°44' 54.953" N
255	459	80°51' 27.090" E	20°44' 55.496" N
256	460	80°51' 27.626" E	20°44' 56.155" N
256A	256A	80°51' 27.512" E	20°44' 56.528" N
257	461	80°51' 26.924" E	20°44' 58.805" N
258	462	80°49' 48.515" E	20°44' 46.079" N
259	463	80°49' 48.598" E	20°44' 46.421" N
260	464	80°49' 48.076" E	20°44' 47.119" N
261	465	80°49' 47.449" E	20°44' 47.828" N
262	466	80°49' 47.604" E	20°44' 47.074" N
263	467	80°49' 48.000" E	20°44' 46.471" N
264	468	80°49' 47.756" E	20°44' 46.718" N
265	618	80°49' 33.924" E	20°44' 34.238" N
266	619	80°49' 34.262" E	20°44' 34.170" N
267	620	80°49' 33.967" E	20°44' 33.612" N
268	621	80°49' 33.614" E	20°44' 33.310" N
269	622	80°49' 33.920" E	20°44' 33.281" N
270	623	80°49' 34.360" E	20°44' 33.450" N
270A	270A	80°49' 34.269" E	20°44' 33.846" N
271	775	80°49' 3.029" E	20°44' 30.804" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
272	776	80°49' 3.238" E	20°44' 31.070" N
273	777	80°49' 3.230" E	20°44' 31.744" N
274	778	80°49' 3.968" E	20°44' 31.830" N
275	779	80°49' 3.990" E	20°44' 32.305" N
276	780	80°49' 3.554" E	20°44' 32.482" N
277	781	80°49' 4.033" E	20°44' 33.166" N
278	782	80°49' 5.012" E	20°44' 34.213" N
279	783	80°49' 6.852" E	20°44' 34.271" N
280	784	80°49' 6.172" E	20°44' 35.405" N
281	775A	80°49' 5.430" E	20°44' 35.747" N
282	785	80°49' 4.688" E	20°44' 34.876" N
283	786	80°49' 1.693" E	20°44' 31.661" N
284	641	80°49' 22.089" E	20°44' 29.845" N
285	642	80°49' 22.086" E	20°44' 29.729" N
286	643	80°49' 21.698" E	20°44' 29.753" N
287	644	80°49' 21.663" E	20°44' 29.879" N
288	645	80°49' 21.695" E	20°44' 27.935" N
289	646	80°49' 21.565" E	20°44' 27.928" N
290	647	80°49' 21.504" E	20°44' 28.187" N
291	648	80°49' 21.446" E	20°44' 28.248" N
292	649	80°49' 21.482" E	20°44' 28.457" N
293	650	80°49' 21.508" E	20°44' 29.162" N
294	651	80°49' 21.598" E	20°44' 29.166" N
295	652	80°49' 21.565" E	20°44' 28.655" N
296	772	80°49' 1.776" E	20°44' 30.282" N
297	773	80°49' 1.884" E	20°44' 30.181" N
298	774	80°49' 2.535" E	20°44' 30.742" N
299	765A	80°49' 2.938" E	20°44' 30.625" N
300	775	80°49' 1.702" E	20°44' 30.348" N
301	770	80°49' 0.828" E	20°44' 29.980" N
302	771	80°49' 1.384" E	20°44' 30.451" N
303	777A	80°49' 0.155" E	20°44' 30.111" N
303A	303A	80°49' 0.549" E	20°44' 30.054" N
304	788	80°48' 59.522" E	20°44' 29.807" N
304A	304A	80°48' 58.892" E	20°44' 29.198" N
304B	304B	80°48' 58.061" E	20°44' 27.880" N
305	789	80°48' 57.802" E	20°44' 27.524" N
305A	305A	80°48' 58.162" E	20°44' 27.285" N
306	790	80°48' 58.684" E	20°44' 26.923" N
306A	306A	80°48' 58.741" E	20°44' 27.269" N
306B	306B	80°48' 59.273" E	20°44' 28.736" N
306C	306C	80°48' 59.685" E	20°44' 29.722" N
307	540	80°49' 31.303" E	20°44' 17.848" N
307A	307A	80°49' 31.440" E	20°44' 17.819" N
308	541	80°49' 31.586" E	20°44' 15.754" N
309	542	80°49' 30.727" E	20°44' 15.666" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
310	543	80°49' 29.842" E	20°44' 17.394" N
310A	310A	80°49' 30.143" E	20°44' 17.539" N
311	544	80°49' 31.192" E	20°44' 17.869" N
312	624	80°49' 30.018" E	20°44' 29.771" N
313	625	80°49' 28.874" E	20°44' 29.892" N
313A	313A	80°49' 27.763" E	20°44' 29.623" N
313B	313B	80°49' 26.119" E	20°44' 29.211" N
313C	313C	80°49' 25.434" E	20°44' 29.038" N
314	626	80°49' 24.989" E	20°44' 28.817" N
315	627	80°49' 25.041" E	20°44' 28.144" N
316	628	80°49' 25.105" E	20°44' 27.764" N
316A	316A	80°49' 25.364" E	20°44' 27.122" N
317	629	80°49' 25.475" E	20°44' 27.010" N
318	630	80°49' 25.954" E	20°44' 26.803" N
319	631	80°49' 27.430" E	20°44' 26.390" N
320	632	80°49' 26.544" E	20°44' 26.538" N
321	633	80°49' 28.422" E	20°44' 26.323" N
322	634	80°49' 29.309" E	20°44' 26.423" N
323	635	80°49' 29.309" E	20°44' 26.524" N
324	636	80°49' 27.437" E	20°44' 26.635" N
325	637	80°49' 26.324" E	20°44' 26.945" N
326	638	80°49' 25.547" E	20°44' 27.384" N
326A	326A	80°49' 25.438" E	20°44' 27.640" N
327	639	80°49' 25.241" E	20°44' 28.633" N
327A	327A	80°49' 25.920" E	20°44' 28.882" N
328	640	80°49' 27.635" E	20°44' 29.321" N
328A	328A	80°49' 29.996" E	20°44' 29.733" N
329	488	80°49' 35.947" E	20°44' 11.987" N
330	489	80°49' 35.746" E	20°44' 12.966" N
330A	330A	80°49' 35.074" E	20°44' 12.942" N
331	490	80°49' 34.337" E	20°44' 12.713" N
332	491	80°49' 34.579" E	20°44' 12.127" N
332A	332A	80°49' 34.431" E	20°44' 11.562" N
333	492	80°49' 34.403" E	20°44' 11.234" N
334	493	80°49' 34.442" E	20°44' 10.291" N
335	902	80°49' 3.853" E	20°44' 13.088" N
335A	335A	80°49' 4.021" E	20°44' 13.155" N
335B	335B	80°49' 4.843" E	20°44' 13.133" N
336	903	80°49' 5.585" E	20°44' 13.355" N
336A	336A	80°49' 5.608" E	20°44' 13.233" N
337	904	80°49' 5.786" E	20°44' 13.031" N
338	905	80°49' 5.513" E	20°44' 11.522" N
339	906	80°49' 3.482" E	20°44' 11.533" N
339A	339A	80°49' 3.815" E	20°44' 11.922" N
340	907	80°49' 3.958" E	20°44' 12.332" N
340A	340A	80°49' 3.863" E	20°44' 12.769" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
341	893	80°48' 46.120" E	20°44' 0.132" N
341A	341A	80°48' 45.719" E	20°43' 59.988" N
342	894	80°48' 45.198" E	20°43' 59.923" N
342A	342A	80°48' 45.034" E	20°44' 0.375" N
342B	342B	80°48' 44.936" E	20°44' 1.156" N
342C	342C	80°48' 43.817" E	20°44' 4.019" N
343	895	80°48' 43.427" E	20°44' 5.406" N
344	896	80°48' 42.419" E	20°44' 5.852" N
345	897	80°48' 42.998" E	20°44' 6.475" N
346	908	80°48' 46.631" E	20°43' 51.701" N
347	909	80°48' 47.963" E	20°43' 51.629" N
348	910	80°48' 47.617" E	20°43' 51.114" N
348A	348A	80°48' 47.169" E	20°43' 51.250" N
349	911	80°48' 46.516" E	20°43' 51.262" N
350	912	80°48' 39.618" E	20°43' 37.524" N
351	913	80°48' 39.607" E	20°43' 36.700" N
352	914	80°48' 39.208" E	20°43' 36.646" N
353	915	80°48' 38.545" E	20°43' 37.596" N
353A	353A	80°48' 38.726" E	20°43' 37.717" N
354	916	80°48' 38.934" E	20°43' 37.751" N
354A	354A	80°48' 39.288" E	20°43' 37.724" N
355	917	80°48' 36.572" E	20°43' 37.438" N
356	906A	80°48' 36.587" E	20°43' 37.150" N
356A	356A	80°48' 36.528" E	20°43' 36.825" N
357	918	80°48' 36.482" E	20°43' 36.368" N
358	907A	80°48' 36.130" E	20°43' 36.401" N
359	907B	80°48' 35.762" E	20°43' 36.347" N
360	919	80°48' 35.186" E	20°43' 36.386" N
361	908A	80°48' 34.783" E	20°43' 36.415" N
362	920	80°48' 34.736" E	20°43' 37.337" N
363	921	80°48' 35.478" E	20°43' 37.668" N
364	922	80°48' 35.669" E	20°43' 37.362" N
365	900A	80°48' 52.722" E	20°43' 48.569" N
365A	365A	80°48' 52.663" E	20°43' 48.337" N
365B	365B	80°48' 52.626" E	20°43' 48.279" N
365C	365C	80°48' 52.611" E	20°43' 48.218" N
366	900B	80°48' 52.582" E	20°43' 48.227" N
366A	366A	80°48' 52.601" E	20°43' 48.176" N
367	900C	80°48' 52.567" E	20°43' 48.094" N
368	900D	80°48' 53.010" E	20°43' 48.054" N
369	900E	80°48' 52.992" E	20°43' 48.180" N
370	226	80°51' 7.078" E	20°44' 48.097" N
371	227	80°51' 7.003" E	20°44' 48.153" N
372	228	80°51' 6.977" E	20°44' 48.418" N
373	229	80°51' 7.644" E	20°44' 48.428" N
374	230	80°51' 7.721" E	20°44' 48.358" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
375	231	80°51' 7.717" E	20°44' 48.172" N
376	232	80°51' 7.657" E	20°44' 48.113" N
377	239	80°50' 37.397" E	20°44' 37.008" N
377A	377A	80°50' 37.251" E	20°44' 36.227" N
378	240	80°50' 37.112" E	20°44' 36.019" N
379	132	80°50' 24.014" E	20°44' 17.462" N
380	133	80°50' 25.170" E	20°44' 17.300" N
381	134	80°50' 25.476" E	20°44' 18.802" N
382	135	80°50' 27.334" E	20°44' 19.158" N
383	136	80°50' 27.355" E	20°44' 21.214" N
384	137	80°50' 27.193" E	20°44' 21.055" N
384A	384A	80°50' 26.427" E	20°44' 20.607" N
384B	384B	80°50' 25.569" E	20°44' 19.947" N
384C	384C	80°50' 24.815" E	20°44' 19.413" N
384D	384D	80°50' 24.212" E	20°44' 18.889" N
385	100	80°50' 37.370" E	20°44' 1.831" N
386	101	80°50' 37.421" E	20°44' 1.957" N
387	102	80°50' 37.194" E	20°44' 2.713" N
388	103	80°50' 37.255" E	20°44' 2.753" N
389	104	80°50' 36.859" E	20°44' 2.879" N
390	105	80°50' 36.895" E	20°44' 3.422" N
391	106	80°50' 36.298" E	20°44' 3.574" N
392	107	80°50' 36.110" E	20°44' 3.088" N
393	108	80°50' 35.671" E	20°44' 3.152" N
394	109	80°50' 35.542" E	20°44' 2.429" N
394A	394A	80°50' 35.508" E	20°44' 2.285" N
394B	394B	80°50' 35.864" E	20°44' 2.215" N
395	110	80°50' 36.254" E	20°44' 2.029" N
395A	395A	80°50' 36.905" E	20°44' 1.886" N
396	199	80°50' 44.790" E	20°44' 38.616" N
397	200	80°50' 45.143" E	20°44' 38.609" N
398	201	80°50' 45.226" E	20°44' 38.576" N
399	202	80°50' 46.210" E	20°44' 38.360" N
400	203	80°50' 45.737" E	20°44' 37.885" N
401	204	80°50' 45.064" E	20°44' 37.900" N
402	205	80°50' 44.740" E	20°44' 37.968" N
402A	402A	80°50' 44.727" E	20°44' 38.296" N
403	187	80°51' 0.680" E	20°44' 33.335" N
404	188	80°51' 2.498" E	20°44' 33.529" N
405	189	80°51' 2.516" E	20°44' 34.501" N
406	190	80°51' 2.405" E	20°44' 34.516" N
407	191	80°51' 2.153" E	20°44' 34.814" N
408	192	80°51' 1.213" E	20°44' 35.344" N
409	193	80°51' 0.376" E	20°44' 35.207" N
409A	409A	80°51' 0.247" E	20°44' 34.975" N
410	194	80°51' 0.306" E	20°44' 34.771" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
410A	410A	80°51' 0.493" E	20°44' 34.398" N
411	195	80°51' 0.662" E	20°44' 34.264" N
411A	411A	80°51' 0.707" E	20°44' 33.861" N
412	196	80°50' 53.110" E	20°44' 38.360" N
413	197	80°50' 54.677" E	20°44' 36.801" N
414	198	80°50' 53.214" E	20°44' 36.583" N
415	158	80°50' 48.232" E	20°44' 27.829" N
416	159	80°50' 49.398" E	20°44' 27.817" N
417	160	80°50' 49.402" E	20°44' 27.280" N
418	161	80°50' 48.631" E	20°44' 27.038" N
418A	418A	80°50' 46.296" E	20°44' 30.337" N
419	162	80°50' 44.478" E	20°44' 33.699" N
420	163	80°50' 44.829" E	20°44' 34.307" N
420A	420A	80°50' 45.164" E	20°44' 34.372" N
420B	420B	80°50' 46.224" E	20°44' 34.705" N
420C	420C	80°50' 46.849" E	20°44' 34.918" N
421	164	80°50' 46.395" E	20°44' 34.769" N
421A	421A	80°50' 46.182" E	20°44' 35.618" N
422	165	80°50' 46.010" E	20°44' 36.352" N
423	166	80°50' 45.829" E	20°44' 36.518" N
424	167	80°50' 45.829" E	20°44' 36.688" N
425	168	80°50' 45.728" E	20°44' 36.833" N
426	169	80°50' 46.277" E	20°44' 36.922" N
426A	426A	80°50' 46.337" E	20°44' 36.689" N
427	170	80°50' 47.295" E	20°44' 36.652" N
427A	427A	80°50' 47.436" E	20°44' 36.407" N
428	171	80°50' 47.436" E	20°44' 36.306" N
429	172	80°50' 46.646" E	20°44' 36.305" N
429A	429A	80°50' 46.835" E	20°44' 34.998" N
430	173	80°50' 46.831" E	20°44' 34.935" N
430A	430A	80°50' 46.853" E	20°44' 34.981" N
430B	430B	80°50' 48.932" E	20°44' 35.025" N
430C	430C	80°50' 50.325" E	20°44' 33.808" N
431	174	80°50' 51.230" E	20°44' 32.834" N
432	175	80°50' 51.766" E	20°44' 32.924" N
433	176	80°50' 52.148" E	20°44' 32.644" N
434	177	80°50' 53.004" E	20°44' 32.546" N
434A	434A	80°50' 53.139" E	20°44' 30.792" N
435	178	80°50' 53.135" E	20°44' 30.496" N
436	179	80°50' 53.020" E	20°44' 30.457" N
437	180	80°50' 51.366" E	20°44' 30.546" N
438	181	80°50' 51.315" E	20°44' 30.581" N
439	182	80°50' 50.272" E	20°44' 30.363" N
439A	439A	80°50' 50.218" E	20°44' 29.925" N
440	183	80°50' 50.246" E	20°44' 29.542" N
440A	440A	80°50' 49.977" E	20°44' 29.357" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
441	184	80°50' 49.870" E	20°44' 29.192" N
442	185	80°50' 49.862" E	20°44' 28.607" N
443	186	80°50' 48.272" E	20°44' 28.624" N
444	127	80°50' 41.802" E	20°44' 13.459" N
445	128	80°50' 41.777" E	20°44' 12.628" N
446	129	80°50' 41.705" E	20°44' 12.260" N
447	130	80°50' 41.021" E	20°44' 12.415" N
448	131	80°50' 41.176" E	20°44' 13.495" N
449	112	80°50' 44.881" E	20°43' 57.270" N
450	113	80°50' 44.969" E	20°43' 57.066" N
451	114	80°50' 46.605" E	20°43' 58.473" N
451A	451A	80°50' 46.885" E	20°43' 58.651" N
452	115	80°50' 47.058" E	20°43' 58.814" N
452A	452A	80°50' 47.044" E	20°43' 58.849" N
452A	452A	80°50' 46.159" E	20°43' 59.323" N
453	116	80°50' 46.608" E	20°44' 0.209" N
454	117	80°50' 47.785" E	20°44' 0.506" N
454A	454A	80°50' 48.501" E	20°44' 0.643" N
455	118	80°50' 48.966" E	20°44' 0.780" N
455A	455A	80°50' 49.810" E	20°44' 0.804" N
455B	455B	80°50' 50.774" E	20°44' 0.720" N
456	119	80°50' 51.101" E	20°44' 0.722" N
457	120	80°50' 51.270" E	20°44' 1.205" N
457A	457A	80°50' 51.029" E	20°44' 1.721" N
458	121	80°50' 50.559" E	20°44' 2.137" N
458A	458A	80°50' 50.065" E	20°44' 1.767" N
459	122	80°50' 49.654" E	20°44' 1.302" N
460	123	80°50' 48.718" E	20°44' 1.072" N
460A	460A	80°50' 48.245" E	20°44' 1.065" N
461	124	80°50' 47.281" E	20°44' 0.924" N
462	125	80°50' 46.849" E	20°44' 0.755" N
463	126	80°50' 45.997" E	20°43' 59.247" N
463A	463A	80°50' 45.813" E	20°43' 59.003" N
463B	463B	80°50' 45.167" E	20°43' 57.931" N
464	47	80°50' 45.528" E	20°43' 54.269" N
464A	464A	80°50' 45.568" E	20°43' 54.561" N
464B	464B	80°50' 45.850" E	20°43' 55.198" N
465	48	80°50' 46.245" E	20°43' 55.767" N
466	49	80°50' 45.704" E	20°43' 56.119" N
467	50	80°50' 45.340" E	20°43' 55.829" N
468	417	80°50' 10.385" E	20°44' 42.115" N
469	409A	80°50' 10.482" E	20°44' 41.842" N
470	409B	80°50' 10.356" E	20°44' 41.755" N
470A	470A	80°50' 10.496" E	20°44' 41.638" N
470B	470B	80°50' 11.190" E	20°44' 40.312" N
471	418	80°50' 11.470" E	20°44' 39.564" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
471A	471A	80°50' 9.617" E	20°44' 42.065" N
472	472	80°50' 38.453" E	20°44' 1.785" N
473	473	80°50' 38.817" E	20°44' 1.037" N
474	474	80°50' 39.008" E	20°44' 0.445" N
475	475	80°50' 39.356" E	20°43' 59.837" N
476	476	80°50' 39.537" E	20°43' 59.206" N
477	477	80°50' 39.553" E	20°43' 59.153" N
478	478	80°50' 39.652" E	20°43' 58.950" N
479	479	80°50' 39.668" E	20°43' 58.932" N
480	480	80°50' 40.088" E	20°43' 58.463" N
481	481	80°50' 40.604" E	20°43' 57.941" N
482	482	80°50' 40.665" E	20°43' 57.800" N
483	483	80°50' 41.007" E	20°43' 57.671" N
484	484	80°50' 41.459" E	20°43' 57.499" N
485	485	80°50' 42.165" E	20°43' 57.226" N
486	486	80°50' 42.051" E	20°43' 57.185" N
487	487	80°50' 41.575" E	20°43' 57.187" N
488	488	80°50' 41.099" E	20°43' 57.222" N
489	489	80°50' 40.697" E	20°43' 57.257" N
490	490	80°50' 40.258" E	20°43' 57.394" N
491	491	80°50' 40.076" E	20°43' 57.533" N
492	492	80°50' 39.601" E	20°43' 57.842" N
493	493	80°50' 39.200" E	20°43' 58.185" N
494	494	80°50' 38.690" E	20°43' 58.734" N
495	495	80°50' 38.398" E	20°43' 59.042" N
496	496	80°50' 38.069" E	20°43' 59.590" N
497	497	80°50' 37.779" E	20°44' 0.070" N
498	498	80°50' 37.233" E	20°44' 1.065" N
499	499	80°50' 36.966" E	20°44' 1.393" N
500	500	80°50' 37.547" E	20°44' 1.356" N
501	501	80°50' 37.734" E	20°44' 1.344" N
502	502	80°50' 37.842" E	20°44' 1.664" N
503	503	80°50' 37.895" E	20°44' 1.952" N
504	504	80°50' 37.826" E	20°44' 2.243" N
505	505	80°50' 37.802" E	20°44' 2.343" N
506	506	80°50' 37.799" E	20°44' 2.460" N
507	507	80°50' 37.793" E	20°44' 2.663" N
508	508	80°50' 38.006" E	20°44' 2.657" N
509	509	80°50' 38.371" E	20°44' 1.953" N
510	510	80°50' 38.396" E	20°44' 1.902" N
511	511	80°50' 32.294" E	20°44' 1.077" N
512	512	80°50' 31.636" E	20°44' 1.010" N
513	513	80°50' 31.123" E	20°44' 1.114" N
514	514	80°50' 30.685" E	20°44' 1.321" N
515	515	80°50' 30.100" E	20°44' 1.629" N
516	516	80°50' 29.810" E	20°44' 1.973" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
517	517	80°50' 29.740" E	20°44' 2.144" N
518	518	80°50' 29.628" E	20°44' 2.418" N
519	519	80°50' 29.520" E	20°44' 2.795" N
520	520	80°50' 29.521" E	20°44' 3.308" N
521	521	80°50' 29.451" E	20°44' 4.267" N
522	522	80°50' 29.307" E	20°44' 5.055" N
523	523	80°50' 29.227" E	20°44' 5.714" N
524	524	80°50' 29.493" E	20°44' 5.782" N
525	525	80°50' 30.230" E	20°44' 5.391" N
526	526	80°50' 30.797" E	20°44' 4.835" N
527	527	80°50' 31.209" E	20°44' 4.493" N
528	528	80°50' 31.296" E	20°44' 4.421" N
529	529	80°50' 31.728" E	20°44' 4.082" N
530	530	80°50' 31.752" E	20°44' 4.063" N
531	531	80°50' 31.888" E	20°44' 3.588" N
532	532	80°50' 32.014" E	20°44' 3.148" N
533	533	80°50' 32.026" E	20°44' 3.103" N
534	534	80°50' 32.308" E	20°44' 2.499" N
535	535	80°50' 32.612" E	20°44' 2.154" N
536	536	80°50' 33.115" E	20°44' 2.071" N
537	537	80°50' 33.505" E	20°44' 2.006" N
538	538	80°50' 34.395" E	20°44' 1.887" N
539	539	80°50' 33.870" E	20°44' 1.723" N
540	540	80°50' 33.392" E	20°44' 1.485" N
541	541	80°50' 32.880" E	20°44' 1.281" N
542	542	80°50' 21.236" E	20°44' 12.917" N
543	543	80°50' 21.284" E	20°44' 12.881" N
544	544	80°50' 21.583" E	20°44' 12.663" N
545	545	80°50' 21.594" E	20°44' 12.654" N
546	546	80°50' 22.012" E	20°44' 12.189" N
547	547	80°50' 22.270" E	20°44' 11.882" N
548	548	80°50' 22.593" E	20°44' 11.498" N
549	549	80°50' 22.906" E	20°44' 11.223" N
550	550	80°50' 23.237" E	20°44' 10.730" N
551	551	80°50' 23.971" E	20°44' 10.073" N
552	552	80°50' 24.003" E	20°44' 10.039" N
553	553	80°50' 23.212" E	20°44' 10.103" N
554	554	80°50' 21.895" E	20°44' 10.140" N
555	555	80°50' 21.064" E	20°44' 10.457" N
556	556	80°50' 20.676" E	20°44' 10.651" N
557	557	80°50' 20.444" E	20°44' 11.068" N
558	558	80°50' 20.191" E	20°44' 11.451" N
559	559	80°50' 20.201" E	20°44' 12.018" N
560	560	80°50' 20.236" E	20°44' 12.547" N
561	561	80°50' 20.251" E	20°44' 12.816" N
562	562	80°50' 20.421" E	20°44' 12.925" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
563	563	80°50' 20.779" E	20°44' 12.910" N
564	564	80°50' 20.979" E	20°44' 14.033" N
565	565	80°50' 21.103" E	20°44' 14.149" N
566	566	80°50' 21.417" E	20°44' 14.401" N
567	567	80°50' 21.427" E	20°44' 14.398" N
568	568	80°50' 21.534" E	20°44' 14.357" N
569	569	80°50' 21.550" E	20°44' 14.295" N
570	570	80°50' 21.576" E	20°44' 14.190" N
571	571	80°50' 21.484" E	20°44' 13.736" N
572	572	80°50' 21.457" E	20°44' 13.648" N
573	573	80°50' 1.468" E	20°44' 30.593" N
574	574	80°50' 1.284" E	20°44' 29.771" N
575	575	80°50' 1.246" E	20°44' 29.361" N
576	576	80°50' 1.354" E	20°44' 28.607" N
577	577	80°50' 1.716" E	20°44' 27.614" N
578	578	80°50' 1.933" E	20°44' 26.792" N
579	579	80°50' 2.224" E	20°44' 25.831" N
580	580	80°50' 2.586" E	20°44' 24.975" N
581	581	80°50' 2.767" E	20°44' 24.153" N
582	582	80°50' 2.984" E	20°44' 23.331" N
583	583	80°50' 3.239" E	20°44' 22.919" N
584	584	80°50' 3.382" E	20°44' 22.440" N
585	585	80°50' 3.528" E	20°44' 21.583" N
586	586	80°50' 3.635" E	20°44' 20.932" N
587	587	80°50' 3.669" E	20°44' 19.906" N
588	588	80°50' 3.490" E	20°44' 19.532" N
589	589	80°50' 3.047" E	20°44' 18.913" N
590	590	80°50' 2.455" E	20°44' 18.258" N
591	591	80°50' 1.753" E	20°44' 17.432" N
592	592	80°50' 1.346" E	20°44' 16.951" N
593	593	80°50' 1.310" E	20°44' 16.913" N
594	594	80°50' 0.775" E	20°44' 18.847" N
595	595	80°50' 1.437" E	20°44' 19.702" N
596	596	80°50' 1.466" E	20°44' 20.869" N
597	597	80°50' 0.874" E	20°44' 22.263" N
598	598	80°49' 59.877" E	20°44' 23.194" N
599	599	80°49' 59.949" E	20°44' 24.373" N
600	600	80°49' 59.225" E	20°44' 24.747" N
601	601	80°49' 58.012" E	20°44' 25.382" N
602	602	80°49' 56.864" E	20°44' 24.325" N
603	603	80°49' 54.949" E	20°44' 25.065" N
604	604	80°49' 55.169" E	20°44' 25.363" N
605	605	80°49' 55.333" E	20°44' 25.646" N
606	606	80°49' 55.385" E	20°44' 25.847" N
607	607	80°49' 55.423" E	20°44' 26.063" N
608	608	80°49' 55.589" E	20°44' 26.803" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
609	609	80°49' 55.581" E	20°44' 27.132" N
610	610	80°49' 55.510" E	20°44' 28.043" N
611	611	80°49' 55.261" E	20°44' 29.453" N
612	612	80°49' 55.140" E	20°44' 30.461" N
613	613	80°49' 55.054" E	20°44' 30.981" N
614	614	80°49' 54.869" E	20°44' 31.440" N
615	615	80°49' 54.406" E	20°44' 32.615" N
616	616	80°49' 53.967" E	20°44' 34.029" N
617	617	80°49' 53.758" E	20°44' 34.495" N
618	618	80°49' 53.822" E	20°44' 34.589" N
619	619	80°49' 54.244" E	20°44' 34.658" N
620	620	80°49' 54.417" E	20°44' 34.660" N
621	621	80°49' 54.691" E	20°44' 34.654" N
622	622	80°49' 54.702" E	20°44' 34.643" N
623	623	80°49' 55.101" E	20°44' 34.250" N
624	624	80°49' 55.613" E	20°44' 33.842" N
625	625	80°49' 55.695" E	20°44' 33.496" N
626	626	80°49' 55.939" E	20°44' 32.473" N
627	627	80°49' 56.126" E	20°44' 31.348" N
628	628	80°49' 56.464" E	20°44' 31.111" N
629	629	80°49' 57.189" E	20°44' 30.600" N
630	630	80°49' 57.881" E	20°44' 30.123" N
631	631	80°49' 58.386" E	20°44' 30.033" N
632	632	80°49' 58.841" E	20°44' 30.244" N
633	633	80°49' 59.120" E	20°44' 30.513" N
634	634	80°49' 59.214" E	20°44' 30.643" N
635	635	80°49' 59.405" E	20°44' 30.904" N
636	636	80°49' 59.732" E	20°44' 31.523" N
637	637	80°49' 59.832" E	20°44' 31.899" N
638	638	80°50' 0.072" E	20°44' 32.809" N
639	639	80°50' 0.164" E	20°44' 33.345" N
640	640	80°50' 0.212" E	20°44' 33.627" N
641	641	80°50' 0.489" E	20°44' 34.178" N
642	642	80°50' 0.862" E	20°44' 34.754" N
643	643	80°50' 1.288" E	20°44' 34.728" N
644	644	80°50' 1.523" E	20°44' 34.600" N
645	645	80°50' 2.052" E	20°44' 34.312" N
646	646	80°50' 2.621" E	20°44' 33.953" N
647	647	80°50' 3.256" E	20°44' 33.352" N
648	648	80°50' 3.049" E	20°44' 33.090" N
649	649	80°50' 2.644" E	20°44' 32.268" N
650	650	80°50' 1.947" E	20°44' 31.345" N
651	651	80°50' 34.024" E	20°44' 36.631" N
652	652	80°50' 33.985" E	20°44' 36.256" N
653	653	80°50' 33.647" E	20°44' 36.274" N
654	654	80°50' 32.806" E	20°44' 36.310" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
655	655	80°50' 32.074" E	20°44' 36.345" N
656	656	80°50' 31.085" E	20°44' 36.451" N
657	657	80°50' 30.208" E	20°44' 36.452" N
658	658	80°50' 29.550" E	20°44' 36.419" N
659	659	80°50' 29.001" E	20°44' 36.318" N
660	660	80°50' 28.635" E	20°44' 36.182" N
661	661	80°50' 28.423" E	20°44' 36.078" N
662	662	80°50' 28.212" E	20°44' 36.226" N
663	663	80°50' 26.674" E	20°44' 37.374" N
664	664	80°50' 26.089" E	20°44' 37.827" N
665	665	80°50' 29.069" E	20°44' 37.802" N
666	666	80°50' 29.899" E	20°44' 37.733" N
667	667	80°50' 31.761" E	20°44' 37.525" N
668	668	80°50' 33.410" E	20°44' 37.376" N
669	669	80°50' 34.082" E	20°44' 37.312" N
670	670	80°50' 18.088" E	20°44' 34.359" N
671	671	80°50' 18.771" E	20°44' 32.079" N
672	672	80°50' 21.374" E	20°44' 32.435" N
673	673	80°50' 21.857" E	20°44' 32.663" N
674	674	80°50' 21.693" E	20°44' 35.769" N
675	675	80°50' 22.847" E	20°44' 36.149" N
676	676	80°50' 26.499" E	20°44' 35.167" N
677	677	80°50' 29.559" E	20°44' 36.180" N
678	678	80°50' 30.686" E	20°44' 36.232" N
679	679	80°50' 40.296" E	20°44' 35.440" N
680	680	80°50' 40.941" E	20°44' 33.819" N
681	681	80°50' 41.275" E	20°44' 32.889" N
682	682	80°50' 41.450" E	20°44' 31.618" N
683	683	80°50' 41.189" E	20°44' 30.370" N
684	684	80°50' 40.487" E	20°44' 28.526" N
685	685	80°50' 38.657" E	20°44' 26.195" N
686	686	80°50' 37.706" E	20°44' 25.296" N
687	687	80°50' 36.507" E	20°44' 24.723" N
688	688	80°50' 34.830" E	20°44' 24.223" N
689	689	80°50' 33.206" E	20°44' 23.879" N
690	690	80°50' 32.060" E	20°44' 23.857" N
691	691	80°50' 30.998" E	20°44' 23.704" N
692	692	80°50' 30.000" E	20°44' 23.340" N
693	693	80°50' 28.873" E	20°44' 22.521" N
694	694	80°50' 25.590" E	20°44' 20.033" N
695	695	80°50' 24.641" E	20°44' 19.410" N
696	696	80°50' 23.852" E	20°44' 18.638" N
697	697	80°50' 23.249" E	20°44' 17.280" N
698	698	80°50' 23.159" E	20°44' 16.403" N
699	699	80°50' 20.230" E	20°44' 13.382" N
700	700	80°50' 20.105" E	20°44' 11.480" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
701	701	80°50' 20.680" E	20°44' 10.578" N
702	702	80°50' 21.780" E	20°44' 10.012" N
703	703	80°50' 22.502" E	20°44' 7.227" N
704	704	80°50' 25.888" E	20°44' 2.646" N
705	705	80°50' 28.151" E	20°43' 59.194" N
706	706	80°50' 29.554" E	20°43' 56.947" N
707	707	80°50' 31.070" E	20°43' 55.615" N
708	708	80°50' 32.827" E	20°43' 54.245" N
709	709	80°50' 34.238" E	20°43' 53.685" N
710	710	80°50' 35.791" E	20°43' 53.184" N
711	711	80°50' 37.377" E	20°43' 53.243" N
712	712	80°50' 38.568" E	20°43' 53.407" N
713	713	80°50' 40.223" E	20°43' 53.704" N
714	714	80°50' 41.029" E	20°43' 53.988" N
715	715	80°50' 41.773" E	20°43' 54.368" N
716	716	80°50' 43.009" E	20°43' 54.693" N
717	717	80°50' 43.473" E	20°43' 54.790" N
718	718	80°50' 44.085" E	20°43' 54.961" N
719	719	80°50' 44.684" E	20°43' 55.409" N
720	720	80°50' 44.982" E	20°43' 56.001" N
721	721	80°50' 45.231" E	20°43' 56.474" N
722	722	80°50' 45.284" E	20°43' 56.017" N
723	723	80°50' 45.547" E	20°43' 53.705" N
724	724	80°50' 47.107" E	20°43' 51.686" N
725	725	80°50' 48.715" E	20°43' 49.305" N
726	726	80°50' 49.223" E	20°43' 48.386" N
727	727	80°50' 49.451" E	20°43' 47.662" N
728	728	80°50' 49.527" E	20°43' 46.796" N
729	729	80°50' 49.377" E	20°43' 46.057" N
730	730	80°50' 49.286" E	20°43' 45.631" N
731	731	80°50' 48.924" E	20°43' 45.644" N
732	732	80°50' 48.622" E	20°43' 46.070" N
733	733	80°50' 48.107" E	20°43' 47.533" N
734	734	80°50' 47.916" E	20°43' 48.249" N
735	735	80°50' 46.744" E	20°43' 49.246" N
736	736	80°50' 45.929" E	20°43' 49.613" N
737	737	80°50' 44.854" E	20°43' 49.704" N
738	738	80°50' 43.877" E	20°43' 49.672" N
739	739	80°50' 42.477" E	20°43' 49.395" N
740	740	80°50' 41.761" E	20°43' 49.272" N
741	741	80°50' 41.342" E	20°43' 49.547" N
742	742	80°50' 41.047" E	20°43' 50.052" N
743	743	80°50' 40.831" E	20°43' 50.582" N
744	744	80°50' 40.374" E	20°43' 51.289" N
745	745	80°50' 39.436" E	20°43' 51.764" N
746	746	80°50' 38.651" E	20°43' 52.010" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
747	747	80°50' 38.006" E	20°43' 52.104" N
748	748	80°50' 37.543" E	20°43' 52.217" N
749	749	80°50' 36.943" E	20°43' 52.282" N
750	750	80°50' 36.577" E	20°43' 52.237" N
751	751	80°50' 35.389" E	20°43' 52.181" N
752	752	80°50' 34.437" E	20°43' 52.038" N
753	753	80°50' 33.441" E	20°43' 51.757" N
754	754	80°50' 32.691" E	20°43' 50.826" N
755	755	80°50' 32.435" E	20°43' 49.706" N
756	756	80°50' 32.126" E	20°43' 48.068" N
757	757	80°50' 31.852" E	20°43' 47.000" N
758	758	80°50' 31.887" E	20°43' 46.225" N
759	759	80°50' 31.839" E	20°43' 45.924" N
760	760	80°50' 31.725" E	20°43' 45.767" N
761	761	80°50' 31.524" E	20°43' 45.677" N
762	762	80°50' 31.285" E	20°43' 45.640" N
763	763	80°50' 30.947" E	20°43' 45.675" N
764	764	80°50' 30.334" E	20°43' 46.106" N
765	765	80°50' 29.780" E	20°43' 46.290" N
766	766	80°50' 29.194" E	20°43' 46.381" N
767	767	80°50' 28.510" E	20°43' 46.288" N
768	768	80°50' 27.111" E	20°43' 45.337" N
769	769	80°50' 25.613" E	20°43' 45.397" N
770	770	80°50' 24.961" E	20°43' 45.887" N
771	771	80°50' 24.765" E	20°43' 46.653" N
772	772	80°50' 24.787" E	20°43' 47.204" N
773	773	80°50' 25.080" E	20°43' 47.773" N
774	774	80°50' 25.390" E	20°43' 48.394" N
775	775	80°50' 25.792" E	20°43' 49.531" N
776	776	80°50' 26.358" E	20°43' 51.203" N
777	777	80°50' 26.815" E	20°43' 52.393" N
778	778	80°50' 26.814" E	20°43' 53.496" N
779	779	80°50' 26.299" E	20°43' 55.546" N
780	780	80°50' 25.572" E	20°43' 56.726" N
781	781	80°50' 25.209" E	20°43' 57.180" N
782	782	80°50' 24.746" E	20°43' 57.539" N
783	783	80°50' 24.504" E	20°43' 57.785" N
784	784	80°50' 24.343" E	20°43' 58.050" N
785	785	80°50' 24.282" E	20°43' 58.410" N
786	786	80°50' 24.342" E	20°43' 58.751" N
787	787	80°50' 24.402" E	20°43' 59.187" N
788	788	80°50' 24.462" E	20°43' 59.812" N
789	789	80°50' 24.481" E	20°44' 0.229" N
790	790	80°50' 24.443" E	20°44' 0.387" N
791	791	80°50' 24.367" E	20°44' 0.526" N
792	792	80°50' 24.244" E	20°44' 0.694" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
793	793	80°50' 24.091" E	20°44' 0.855" N
794	794	80°50' 23.893" E	20°44' 0.987" N
795	795	80°50' 23.651" E	20°44' 1.167" N
796	796	80°50' 22.083" E	20°44' 1.791" N
797	797	80°50' 21.609" E	20°44' 2.228" N
798	798	80°50' 15.829" E	20°44' 5.481" N
799	799	80°50' 9.286" E	20°44' 10.134" N
800	800	80°50' 7.064" E	20°44' 11.965" N
801	801	80°50' 5.794" E	20°44' 13.512" N
802	802	80°50' 5.640" E	20°44' 16.324" N
803	803	80°50' 5.653" E	20°44' 17.972" N
804	804	80°50' 5.109" E	20°44' 18.796" N
805	805	80°50' 3.749" E	20°44' 19.334" N
806	806	80°50' 3.846" E	20°44' 22.437" N
807	807	80°50' 1.431" E	20°44' 29.714" N
808	808	80°50' 3.119" E	20°44' 32.620" N
809	809	80°50' 4.808" E	20°44' 34.869" N
810	810	80°50' 9.340" E	20°44' 38.838" N
811	811	80°50' 13.770" E	20°44' 39.196" N
812	812	80°50' 22.756" E	20°44' 40.485" N
813	813	80°50' 23.308" E	20°44' 40.450" N
814	814	80°50' 23.362" E	20°44' 40.453" N
815	815	80°50' 23.363" E	20°44' 39.568" N
816	816	80°50' 23.800" E	20°44' 38.348" N
817	817	80°50' 24.194" E	20°44' 38.168" N
818	818	80°50' 24.630" E	20°44' 38.028" N
819	819	80°50' 25.324" E	20°44' 37.908" N
820	820	80°50' 25.790" E	20°44' 37.432" N
821	821	80°50' 27.047" E	20°44' 36.391" N
822	822	80°50' 27.882" E	20°44' 35.760" N
823	823	80°50' 27.634" E	20°44' 35.605" N
824	824	80°50' 27.066" E	20°44' 35.399" N
825	825	80°50' 26.736" E	20°44' 35.399" N
826	826	80°50' 26.443" E	20°44' 35.399" N
827	827	80°50' 25.932" E	20°44' 35.503" N
828	828	80°50' 25.529" E	20°44' 35.641" N
829	829	80°50' 25.017" E	20°44' 35.814" N
830	830	80°50' 24.359" E	20°44' 35.986" N
831	831	80°50' 23.702" E	20°44' 36.192" N
832	832	80°50' 23.218" E	20°44' 36.295" N
833	833	80°50' 23.115" E	20°44' 37.540" N
834	834	80°50' 20.903" E	20°44' 37.470" N
835	835	80°50' 20.949" E	20°44' 36.344" N
836	836	80°50' 20.895" E	20°44' 35.971" N
837	837	80°50' 21.777" E	20°44' 36.105" N
838	838	80°50' 21.623" E	20°44' 35.597" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
839	839	80°50' 21.614" E	20°44' 35.069" N
840	840	80°50' 21.648" E	20°44' 34.418" N
841	841	80°50' 21.683" E	20°44' 33.767" N
842	842	80°50' 21.716" E	20°44' 33.048" N
843	843	80°50' 21.533" E	20°44' 32.671" N
844	844	80°50' 21.130" E	20°44' 32.501" N
845	845	80°50' 20.731" E	20°44' 32.422" N
846	846	80°50' 20.080" E	20°44' 32.301" N
847	847	80°50' 19.723" E	20°44' 32.265" N
848	848	80°50' 19.271" E	20°44' 32.225" N
849	849	80°50' 19.079" E	20°44' 32.163" N
850	850	80°50' 18.823" E	20°44' 32.266" N
851	851	80°50' 18.725" E	20°44' 32.592" N
852	852	80°50' 18.611" E	20°44' 32.826" N
853	853	80°50' 18.461" E	20°44' 33.329" N
854	854	80°50' 18.426" E	20°44' 33.808" N
855	855	80°50' 18.354" E	20°44' 34.323" N
856	856	80°50' 18.246" E	20°44' 34.699" N
857	857	80°50' 17.991" E	20°44' 35.076" N
858	858	80°50' 17.771" E	20°44' 35.385" N
859	859	80°50' 17.589" E	20°44' 35.693" N
860	860	80°50' 17.262" E	20°44' 35.933" N
861	861	80°50' 16.751" E	20°44' 36.415" N
862	862	80°50' 16.385" E	20°44' 36.620" N
863	863	80°50' 16.093" E	20°44' 36.930" N
864	864	80°50' 15.838" E	20°44' 37.102" N
865	865	80°50' 15.619" E	20°44' 37.307" N
866	866	80°50' 15.473" E	20°44' 37.445" N
867	867	80°50' 15.365" E	20°44' 37.651" N
868	868	80°50' 15.293" E	20°44' 37.855" N
869	869	80°50' 15.147" E	20°44' 38.130" N
870	870	80°50' 14.964" E	20°44' 38.404" N
871	871	80°50' 14.746" E	20°44' 38.850" N
872	872	80°50' 14.676" E	20°44' 38.984" N
873	873	80°50' 14.764" E	20°44' 39.265" N
874	874	80°50' 14.860" E	20°44' 39.476" N
875	875	80°50' 15.122" E	20°44' 40.052" N
876	876	80°50' 15.159" E	20°44' 40.377" N
877	877	80°50' 15.219" E	20°44' 40.669" N
878	878	80°50' 15.835" E	20°44' 42.238" N
879	879	80°50' 16.300" E	20°44' 42.132" N
880	880	80°50' 17.061" E	20°44' 41.854" N
881	881	80°50' 17.483" E	20°44' 41.700" N
882	882	80°50' 18.011" E	20°44' 41.559" N
883	883	80°50' 18.627" E	20°44' 41.419" N
884	884	80°50' 19.224" E	20°44' 41.222" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
885	885	80°50' 19.777" E	20°44' 41.140" N
886	886	80°50' 20.192" E	20°44' 40.999" N
887	887	80°50' 21.524" E	20°44' 40.730" N
888	888	80°50' 22.115" E	20°44' 40.578" N
889	889	80°50' 9.521" E	20°44' 41.267" N
890	890	80°50' 9.789" E	20°44' 40.788" N
891	891	80°50' 10.134" E	20°44' 40.301" N
892	892	80°50' 10.352" E	20°44' 40.051" N
893	893	80°50' 10.770" E	20°44' 39.480" N
894	894	80°50' 10.173" E	20°44' 39.374" N
895	895	80°50' 9.332" E	20°44' 39.136" N
896	896	80°50' 8.784" E	20°44' 39.000" N
897	897	80°50' 8.233" E	20°44' 38.659" N
898	898	80°50' 7.682" E	20°44' 38.112" N
899	899	80°50' 7.059" E	20°44' 37.395" N
900	900	80°50' 6.397" E	20°44' 36.745" N
901	901	80°50' 5.701" E	20°44' 36.062" N
902	902	80°50' 4.967" E	20°44' 35.378" N
903	903	80°50' 4.233" E	20°44' 34.559" N
904	904	80°50' 3.755" E	20°44' 33.978" N
905	905	80°50' 3.702" E	20°44' 33.910" N
906	906	80°50' 3.683" E	20°44' 33.927" N
907	907	80°50' 3.339" E	20°44' 34.261" N
908	908	80°50' 2.684" E	20°44' 35.041" N
909	909	80°50' 2.295" E	20°44' 35.228" N
910	910	80°50' 2.014" E	20°44' 35.363" N
911	911	80°50' 1.422" E	20°44' 35.560" N
912	912	80°50' 0.658" E	20°44' 35.495" N
913	913	80°49' 59.927" E	20°44' 34.991" N
914	914	80°49' 59.214" E	20°44' 34.353" N
915	915	80°49' 59.210" E	20°44' 33.833" N
916	916	80°49' 59.157" E	20°44' 32.755" N
917	917	80°49' 58.879" E	20°44' 31.613" N
918	918	80°49' 58.543" E	20°44' 31.369" N
919	919	80°49' 57.809" E	20°44' 31.227" N
920	920	80°49' 57.648" E	20°44' 31.338" N
921	921	80°49' 57.301" E	20°44' 31.676" N
922	922	80°49' 56.932" E	20°44' 32.035" N
923	923	80°49' 56.901" E	20°44' 32.847" N
924	924	80°49' 56.897" E	20°44' 33.349" N
925	925	80°49' 56.897" E	20°44' 33.421" N
926	926	80°49' 56.572" E	20°44' 33.862" N
927	927	80°49' 56.067" E	20°44' 34.569" N
928	928	80°49' 55.624" E	20°44' 35.018" N
929	929	80°49' 55.215" E	20°44' 35.538" N
930	930	80°49' 55.154" E	20°44' 35.996" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
931	931	80°49' 55.208" E	20°44' 36.282" N
932	932	80°49' 55.281" E	20°44' 36.549" N
933	933	80°49' 55.428" E	20°44' 36.950" N
934	934	80°49' 55.509" E	20°44' 37.343" N
935	935	80°49' 55.627" E	20°44' 37.896" N
936	936	80°49' 55.754" E	20°44' 38.759" N
937	937	80°49' 55.999" E	20°44' 39.920" N
938	938	80°49' 56.016" E	20°44' 40.073" N
939	939	80°49' 56.025" E	20°44' 40.207" N
940	940	80°49' 56.089" E	20°44' 40.439" N
941	941	80°49' 56.227" E	20°44' 40.705" N
942	942	80°49' 56.319" E	20°44' 41.025" N
943	943	80°49' 56.494" E	20°44' 41.802" N
944	944	80°49' 56.941" E	20°44' 41.755" N
945	945	80°49' 57.100" E	20°44' 41.726" N
946	946	80°49' 57.974" E	20°44' 41.706" N
947	947	80°49' 58.839" E	20°44' 41.716" N
948	948	80°49' 59.510" E	20°44' 41.716" N
949	949	80°49' 59.938" E	20°44' 41.726" N
950	950	80°50' 0.173" E	20°44' 40.886" N
951	951	80°50' 0.866" E	20°44' 40.816" N
952	952	80°50' 1.783" E	20°44' 40.917" N
953	953	80°50' 2.661" E	20°44' 41.188" N
954	954	80°50' 3.284" E	20°44' 41.358" N
955	955	80°50' 4.126" E	20°44' 41.493" N
956	956	80°50' 4.968" E	20°44' 41.628" N
957	957	80°50' 5.773" E	20°44' 41.798" N
958	958	80°50' 6.262" E	20°44' 41.851" N
959	959	80°50' 6.797" E	20°44' 42.001" N
960	960	80°50' 7.531" E	20°44' 42.307" N
961	961	80°50' 8.264" E	20°44' 42.546" N
962	962	80°50' 8.457" E	20°44' 42.660" N
963	963	80°50' 8.564" E	20°44' 42.536" N
964	964	80°50' 8.771" E	20°44' 42.358" N
965	965	80°50' 8.864" E	20°44' 42.146" N
966	966	80°50' 9.233" E	20°44' 41.614" N
967	967	80°50' 21.843" E	20°44' 1.146" N
968	968	80°50' 21.404" E	20°44' 0.529" N
969	969	80°50' 18.669" E	20°44' 1.472" N
970	970	80°50' 17.741" E	20°44' 1.126" N
971	971	80°50' 17.054" E	20°44' 0.002" N
972	972	80°50' 16.752" E	20°43' 58.734" N
973	973	80°50' 16.467" E	20°43' 57.373" N
974	974	80°50' 14.719" E	20°43' 51.367" N
975	975	80°50' 13.371" E	20°43' 49.247" N
976	976	80°50' 11.517" E	20°43' 46.611" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
977	977	80°50' 10.530" E	20°43' 44.460" N
978	978	80°50' 10.250" E	20°43' 43.730" N
979	979	80°50' 9.887" E	20°43' 42.417" N
980	980	80°50' 9.840" E	20°43' 40.361" N
981	981	80°50' 10.183" E	20°43' 39.833" N
982	982	80°50' 11.130" E	20°43' 38.791" N
983	983	80°50' 12.749" E	20°43' 37.475" N
984	984	80°50' 13.282" E	20°43' 36.878" N
985	985	80°50' 14.775" E	20°43' 34.093" N
986	986	80°50' 11.572" E	20°43' 32.883" N
987	987	80°50' 8.096" E	20°43' 31.708" N
988	988	80°50' 5.264" E	20°43' 30.826" N
989	989	80°50' 1.975" E	20°43' 29.502" N
990	990	80°50' 0.664" E	20°43' 28.956" N
991	991	80°50' 0.171" E	20°43' 28.482" N
992	992	80°49' 59.754" E	20°43' 29.318" N
993	993	80°49' 59.729" E	20°43' 30.031" N
994	994	80°49' 59.599" E	20°43' 32.817" N
995	995	80°49' 59.012" E	20°43' 38.325" N
996	996	80°49' 58.640" E	20°43' 40.232" N
997	997	80°49' 58.613" E	20°43' 41.604" N
998	998	80°49' 58.737" E	20°43' 42.091" N
999	999	80°49' 59.004" E	20°43' 42.530" N
1000	1000	80°49' 59.691" E	20°43' 42.929" N
1001	1001	80°50' 1.075" E	20°43' 43.688" N
1002	1002	80°50' 2.446" E	20°43' 44.404" N
1003	1003	80°50' 3.563" E	20°43' 44.905" N
1004	1004	80°50' 4.551" E	20°43' 45.423" N
1005	1005	80°50' 6.748" E	20°43' 46.993" N
1006	1006	80°50' 9.345" E	20°43' 50.097" N
1007	1007	80°50' 10.076" E	20°43' 53.550" N
1008	1008	80°50' 10.581" E	20°43' 55.935" N
1009	1009	80°50' 10.790" E	20°43' 58.757" N
1010	1010	80°50' 7.708" E	20°44' 1.967" N
1011	1011	80°50' 4.674" E	20°44' 3.998" N
1012	1012	80°50' 1.583" E	20°44' 6.194" N
1013	1013	80°49' 59.727" E	20°44' 6.309" N
1014	1014	80°49' 58.576" E	20°44' 6.226" N
1015	1015	80°49' 57.192" E	20°44' 6.108" N
1016	1016	80°49' 56.834" E	20°44' 5.902" N
1017	1017	80°49' 56.272" E	20°44' 5.761" N
1018	1018	80°49' 56.031" E	20°44' 5.420" N
1019	1019	80°49' 55.292" E	20°44' 5.094" N
1020	1020	80°49' 54.004" E	20°44' 4.860" N
1021	1021	80°49' 57.688" E	20°44' 13.528" N
1022	1022	80°50' 0.381" E	20°44' 15.574" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
1023	1023	80°50' 3.749" E	20°44' 19.334" N
1024	1024	80°50' 5.109" E	20°44' 18.796" N
1025	1025	80°50' 5.653" E	20°44' 17.972" N
1026	1026	80°50' 5.640" E	20°44' 16.324" N
1027	1027	80°50' 5.794" E	20°44' 13.512" N
1028	1028	80°50' 7.064" E	20°44' 11.965" N
1029	1029	80°50' 9.286" E	20°44' 10.134" N
1030	1030	80°50' 15.829" E	20°44' 5.481" N
1031	1031	80°50' 21.609" E	20°44' 2.228" N
1032	1032	80°50' 22.083" E	20°44' 1.791" N
1033	1033	80°50' 18.257" E	20°44' 54.889" N
1034	1034	80°50' 15.896" E	20°44' 51.857" N
1035	1035	80°50' 12.989" E	20°44' 48.108" N
1036	1036	80°50' 9.900" E	20°44' 43.697" N
1037	1037	80°50' 9.096" E	20°44' 43.104" N
1038	1038	80°50' 6.309" E	20°44' 41.909" N
1039	1039	80°50' 2.921" E	20°44' 41.393" N
1040	1040	80°50' 1.118" E	20°44' 42.110" N
1041	1041	80°50' 1.653" E	20°44' 42.897" N
1042	1042	80°50' 4.385" E	20°44' 46.588" N
1043	1043	80°50' 5.671" E	20°44' 48.517" N
1044	1044	80°50' 7.191" E	20°44' 50.373" N
1045	1045	80°50' 8.090" E	20°44' 51.484" N
1046	1046	80°50' 9.900" E	20°44' 53.399" N
1047	1047	80°50' 10.821" E	20°44' 54.639" N
1048	1048	80°50' 11.695" E	20°44' 55.935" N
1049	1049	80°50' 11.911" E	20°44' 56.834" N
1050	1050	80°50' 12.240" E	20°44' 58.204" N
1051	1051	80°50' 12.659" E	20°44' 59.819" N
1052	1052	80°50' 12.760" E	20°44' 59.889" N
1053	1053	80°50' 13.217" E	20°45' 0.805" N
1054	1054	80°50' 13.272" E	20°45' 2.960" N
1055	1055	80°50' 13.557" E	20°45' 4.253" N
1056	1056	80°50' 14.358" E	20°45' 4.792" N
1057	1057	80°50' 14.988" E	20°45' 4.470" N
1058	1058	80°50' 15.333" E	20°45' 3.177" N
1059	1059	80°50' 15.506" E	20°45' 1.831" N
1060	1060	80°50' 15.966" E	20°45' 0.484" N
1061	1061	80°50' 17.974" E	20°44' 57.039" N
1062	1062	80°50' 18.482" E	20°44' 55.170" N
1063	1063	80°49' 59.536" E	20°45' 7.028" N
1064	1064	80°49' 59.990" E	20°45' 4.638" N
1065	1065	80°50' 0.251" E	20°45' 3.845" N
1066	1066	80°50' 1.085" E	20°45' 2.352" N
1067	1067	80°50' 2.376" E	20°45' 0.961" N
1068	1068	80°50' 3.071" E	20°45' 0.383" N

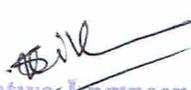
S.No.	PILLAR ID	LONGITUDE	LATITUDE
1069	1069	80°50' 4.109" E	20°44' 59.892" N
1070	1070	80°50' 5.348" E	20°44' 59.514" N
1071	1071	80°50' 7.503" E	20°44' 59.478" N
1072	1072	80°50' 9.407" E	20°44' 59.660" N
1073	1073	80°50' 11.008" E	20°44' 59.813" N
1074	1074	80°50' 11.793" E	20°44' 59.823" N
1075	1075	80°50' 12.664" E	20°44' 59.815" N
1076	1076	80°50' 12.245" E	20°44' 58.200" N
1077	1077	80°50' 11.916" E	20°44' 56.830" N
1078	1078	80°50' 11.699" E	20°44' 55.930" N
1079	1079	80°50' 10.825" E	20°44' 54.634" N
1080	1080	80°50' 9.905" E	20°44' 53.394" N
1081	1081	80°50' 8.094" E	20°44' 51.480" N
1082	1082	80°50' 7.196" E	20°44' 50.369" N
1083	1083	80°50' 5.675" E	20°44' 48.513" N
1084	1084	80°50' 4.389" E	20°44' 46.584" N
1085	1085	80°50' 1.657" E	20°44' 42.893" N
1086	1086	80°50' 1.109" E	20°44' 42.102" N
1087	1087	80°50' 0.015" E	20°44' 41.755" N
1088	1088	80°49' 59.063" E	20°44' 41.771" N
1089	1089	80°49' 57.909" E	20°44' 41.753" N
1090	1090	80°49' 57.121" E	20°44' 41.769" N
1091	1091	80°49' 56.186" E	20°44' 41.872" N
1092	1092	80°49' 55.380" E	20°44' 42.026" N
1093	1093	80°49' 54.169" E	20°44' 42.698" N
1094	1094	80°49' 53.220" E	20°44' 44.025" N
1095	1095	80°49' 52.838" E	20°44' 44.694" N
1096	1096	80°49' 52.538" E	20°44' 45.256" N
1097	1097	80°49' 52.125" E	20°44' 45.972" N
1098	1098	80°49' 51.805" E	20°44' 46.563" N
1099	1099	80°49' 51.372" E	20°44' 47.319" N
1100	1100	80°49' 50.990" E	20°44' 47.900" N
1101	1101	80°49' 49.816" E	20°44' 48.405" N
1102	1102	80°49' 48.792" E	20°44' 48.749" N
1103	1103	80°49' 47.586" E	20°44' 49.156" N
1104	1104	80°49' 46.697" E	20°44' 49.900" N
1105	1105	80°49' 46.050" E	20°44' 50.616" N
1106	1106	80°49' 44.977" E	20°44' 51.668" N
1107	1107	80°49' 44.273" E	20°44' 52.067" N
1108	1108	80°49' 43.174" E	20°44' 52.828" N
1109	1109	80°49' 39.327" E	20°44' 53.243" N
1110	1110	80°49' 38.237" E	20°44' 53.346" N
1111	1111	80°49' 37.347" E	20°44' 53.450" N
1112	1112	80°49' 36.814" E	20°44' 53.658" N
1113	1113	80°49' 36.124" E	20°44' 53.971" N
1114	1114	80°49' 35.545" E	20°44' 54.515" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
1115	1115	80°49' 34.944" E	20°44' 55.288" N
1116	1116	80°49' 34.676" E	20°44' 56.417" N
1117	1117	80°49' 34.162" E	20°44' 58.362" N
1118	1118	80°49' 32.851" E	20°44' 58.191" N
1119	1119	80°49' 27.937" E	20°44' 57.226" N
1120	1120	80°49' 26.581" E	20°44' 57.301" N
1121	1121	80°49' 21.757" E	20°44' 59.898" N
1122	1122	80°49' 22.282" E	20°45' 1.934" N
1123	1123	80°49' 28.029" E	20°45' 3.244" N
1124	1124	80°49' 33.380" E	20°45' 4.052" N
1125	1125	80°49' 57.688" E	20°44' 13.522" N
1126	1126	80°49' 54.004" E	20°44' 4.854" N
1127	1127	80°49' 51.672" E	20°44' 5.099" N
1128	1128	80°49' 50.289" E	20°44' 6.097" N
1129	1129	80°49' 49.538" E	20°44' 7.161" N
1130	1130	80°49' 49.157" E	20°44' 7.473" N
1131	1131	80°49' 47.418" E	20°44' 8.018" N
1132	1132	80°49' 45.508" E	20°44' 8.595" N
1133	1133	80°49' 45.255" E	20°44' 8.967" N
1134	1134	80°49' 45.209" E	20°44' 9.210" N
1135	1135	80°49' 45.365" E	20°44' 10.139" N
1136	1136	80°49' 44.792" E	20°44' 11.575" N
1137	1137	80°49' 48.677" E	20°44' 15.099" N
1138	1138	80°49' 50.928" E	20°44' 12.609" N
1139	1139	80°49' 53.741" E	20°44' 17.018" N
1140	1140	80°49' 54.893" E	20°44' 16.052" N
1141	1141	80°49' 49.867" E	20°44' 20.726" N
1142	1142	80°49' 50.185" E	20°44' 20.245" N
1143	1143	80°49' 50.004" E	20°44' 20.255" N
1144	1144	80°49' 49.302" E	20°44' 20.327" N
1145	1145	80°49' 49.399" E	20°44' 20.701" N
1146	1146	80°49' 49.435" E	20°44' 20.989" N
1147	1147	80°49' 49.571" E	20°44' 21.210" N
1148	1148	80°50' 9.641" E	20°46' 4.606" N
1149	1149	80°50' 12.900" E	20°46' 4.206" N
1150	1150	80°50' 19.621" E	20°46' 2.739" N
1151	1151	80°50' 30.516" E	20°46' 0.187" N
1152	1152	80°50' 35.502" E	20°46' 5.840" N
1153	1153	80°50' 36.424" E	20°46' 5.121" N
1154	1154	80°50' 30.883" E	20°45' 59.012" N
1155	1155	80°50' 19.344" E	20°46' 1.643" N
1156	1156	80°50' 12.690" E	20°46' 3.097" N
1157	1157	80°50' 9.487" E	20°46' 3.489" N
1158	1158	80°49' 59.172" E	20°45' 9.493" N
1159	1159	80°49' 56.634" E	20°45' 9.163" N
1160	1160	80°49' 55.261" E	20°45' 12.343" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
1161	1161	80°49' 52.376" E	20°45' 23.820" N
1162	1162	80°49' 53.902" E	20°45' 30.925" N
1163	1163	80°49' 59.717" E	20°45' 39.296" N
1164	1164	80°50' 1.524" E	20°45' 43.032" N
1165	1165	80°50' 3.279" E	20°45' 49.634" N
1166	1166	80°50' 6.764" E	20°45' 53.430" N
1167	1167	80°50' 12.120" E	20°45' 54.395" N
1168	1168	80°50' 6.408" E	20°45' 48.075" N
1169	1169	80°50' 4.805" E	20°45' 41.959" N
1170	1170	80°50' 2.756" E	20°45' 37.723" N
1171	1171	80°49' 57.121" E	20°45' 29.612" N
1172	1172	80°49' 55.343" E	20°45' 23.872" N
1173	1173	80°49' 58.265" E	20°45' 13.186" N
1174	1174	80°49' 28.029" E	20°45' 3.244" N
1175	1175	80°49' 22.282" E	20°45' 1.934" N
1176	1176	80°49' 21.120" E	20°45' 3.734" N
1177	1177	80°49' 27.271" E	20°45' 5.490" N
1178	1178	80°49' 56.636" E	20°45' 9.163" N
1179	1179	80°49' 47.276" E	20°45' 7.960" N
1180	1180	80°49' 45.584" E	20°45' 16.563" N
1181	1181	80°49' 41.834" E	20°45' 29.016" N
1182	1182	80°49' 34.086" E	20°45' 41.251" N
1183	1183	80°49' 34.521" E	20°45' 43.665" N
1184	1184	80°49' 32.626" E	20°45' 49.806" N
1185	1185	80°49' 34.700" E	20°45' 50.255" N
1186	1186	80°49' 48.302" E	20°45' 33.253" N
1187	1187	80°49' 52.376" E	20°45' 23.820" N
1188	1188	80°49' 55.261" E	20°45' 12.343" N
1189	1189	80°49' 32.989" E	20°45' 6.537" N
1190	1190	80°49' 47.232" E	20°45' 7.956" N
1191	1191	80°49' 47.451" E	20°45' 7.977" N
1192	1192	80°49' 57.185" E	20°45' 9.234" N
1193	1193	80°49' 58.889" E	20°45' 9.456" N
1194	1194	80°49' 59.910" E	20°45' 7.028" N
1195	814	80°48' 55.177" E	20°44' 15.212" N
1196	815	80°48' 55.372" E	20°44' 14.413" N
1197	816	80°48' 56.624" E	20°44' 14.446" N
1198	817	80°48' 56.628" E	20°44' 14.280" N
1199	818	80°48' 57.352" E	20°44' 13.830" N
1200	819	80°48' 57.348" E	20°44' 12.883" N
1201	820	80°48' 56.891" E	20°44' 12.901" N
1202	821	80°48' 57.053" E	20°44' 11.447" N
1203	822	80°48' 58.018" E	20°44' 11.029" N
1204	823	80°48' 58.075" E	20°44' 10.619" N
1205	824	80°48' 58.385" E	20°44' 10.457" N
1206	825	80°48' 58.306" E	20°44' 10.057" N

S.No.	PILLAR ID	LONGITUDE	LATITUDE
1207	826	80°48' 57.370" E	20°44' 10.072" N
1208	827	80°48' 57.431" E	20°44' 9.226" N
1209	828	80°48' 58.216" E	20°44' 9.402" N
1210	829	80°48' 58.716" E	20°44' 8.750" N
1211	830	80°48' 59.209" E	20°44' 8.736" N
1212	864	80°48' 52.646" E	20°44' 5.928" N
1213	865	80°48' 52.664" E	20°44' 6.659" N
1213A	1213A	80°48' 52.372" E	20°44' 6.664" N
1214	866	80°48' 51.808" E	20°44' 6.778" N
1215	867	80°48' 50.141" E	20°44' 5.928" N
1216	868	80°48' 50.126" E	20°44' 4.193" N
1217	869	80°48' 50.558" E	20°44' 4.002" N
1218	858B	80°48' 50.087" E	20°44' 3.476" N
1219	858A	80°48' 50.468" E	20°44' 3.480" N
1219A	1219A	80°48' 47.293" E	20°44' 7.013" N
1220	898	80°48' 48.827" E	20°44' 6.976" N
1220A	1220A	80°48' 50.194" E	20°44' 7.454" N
1221	899	80°48' 53.251" E	20°44' 9.809" N
1221A	1221A	80°48' 53.751" E	20°44' 10.755" N
1222	900	80°48' 54.281" E	20°44' 12.224" N
1223	901	80°48' 54.497" E	20°44' 12.318" N
1224	890B	80°48' 54.695" E	20°44' 14.896" N
1225	890A	80°48' 54.756" E	20°44' 14.356" N
1226	1226	80°48' 57.105" E	20°44' 18.024" N
1227	1227	80°48' 56.956" E	20°44' 17.502" N
1228	1228	80°48' 56.132" E	20°44' 18.173" N
1229	1229	80°48' 55.826" E	20°44' 19.843" N
1230	1230	80°48' 55.583" E	20°44' 20.993" N
1231	1231	80°48' 55.330" E	20°44' 21.873" N
1232	1232	80°48' 57.250" E	20°44' 21.887" N
1233	1233	80°48' 57.328" E	20°44' 20.419" N

  
 Sub-divisional Officer  
 Mongra Project Water Resources  
 Sub Division No.2 Dongargaon  
 Distt.-Rajnandgaon (C.G.)

  
 Executive Engineer  
 Water Resources Barrage Division, Balod  
 Disstt.-Balod (C.G.)



  
 राजनंदगांव बन्मंडल (उ. ग.)

## 4. SURVEY DATE

---

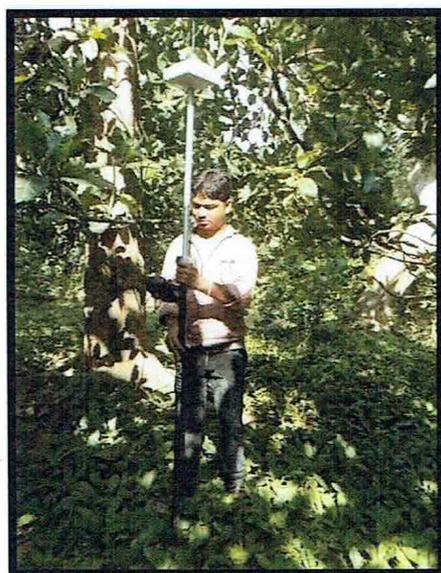
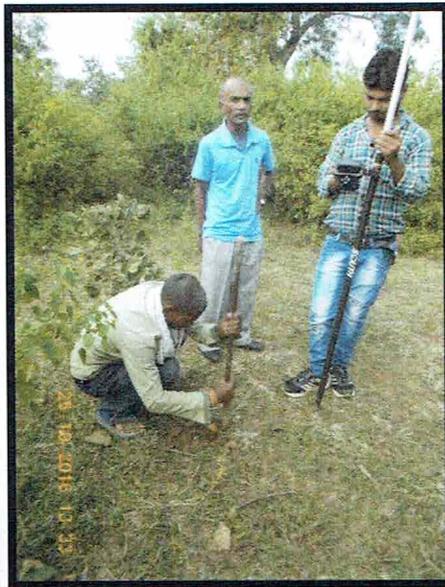
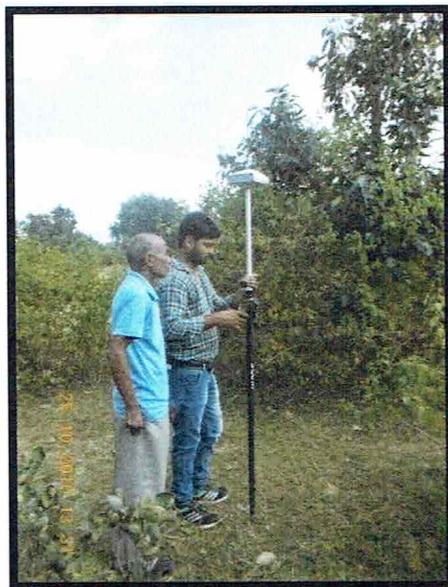
Survey Date	Survey Time
05-08-2016 To 30-11-2016	11.00AM – 05.00PM

Weather was nice with clear sun light. Survey pillar marking has been done before itself so it was easy to get the location point. Survey has been done by the survey team members **Mr. Sanjay Gardiya, Mr. Surendra Koshle & Mr. Santosh Sahu**. The team was led by **Mr. Sanjay Gardiya**.

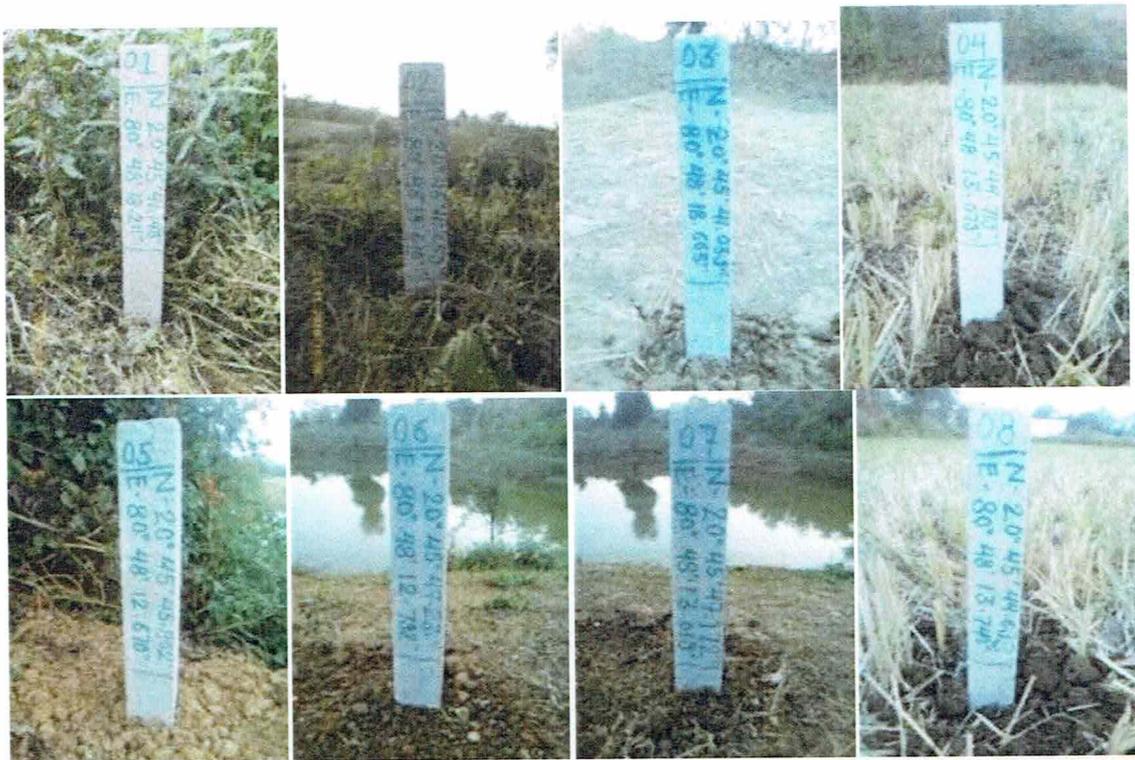
### Base Station Photographs



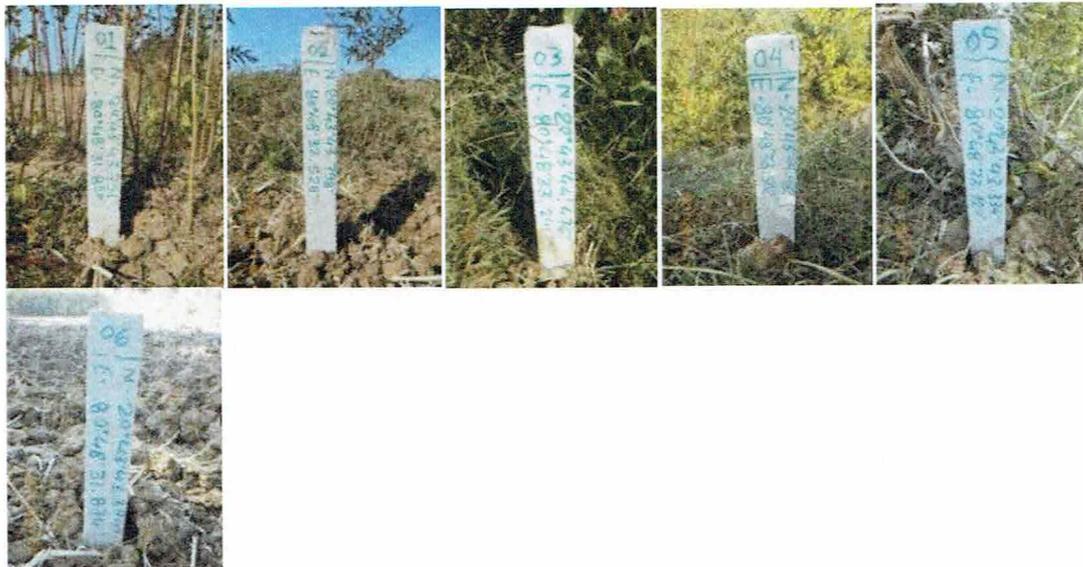
## Survey photographs with staff



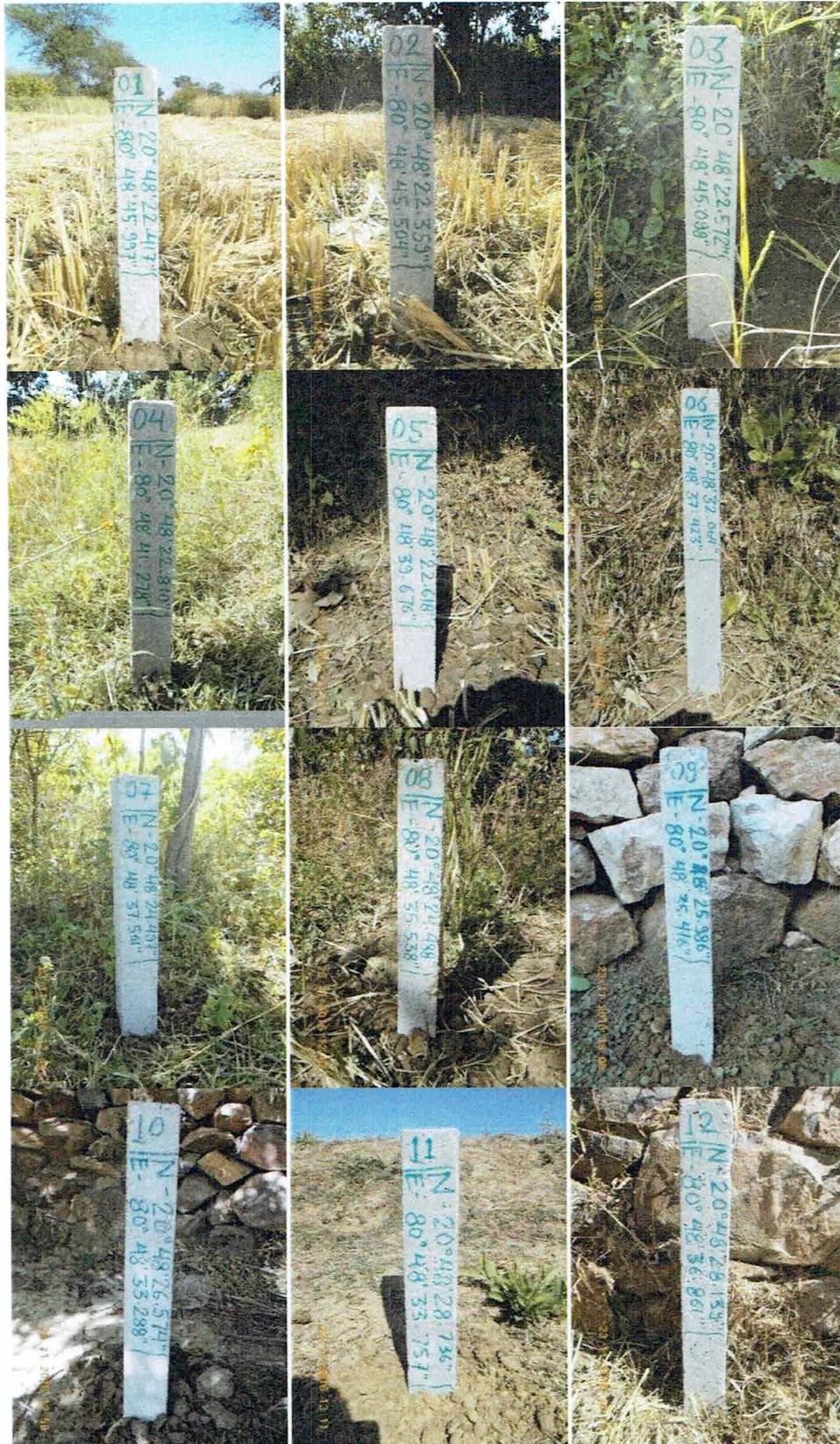
## Survey Pillar photographs Aatargaon

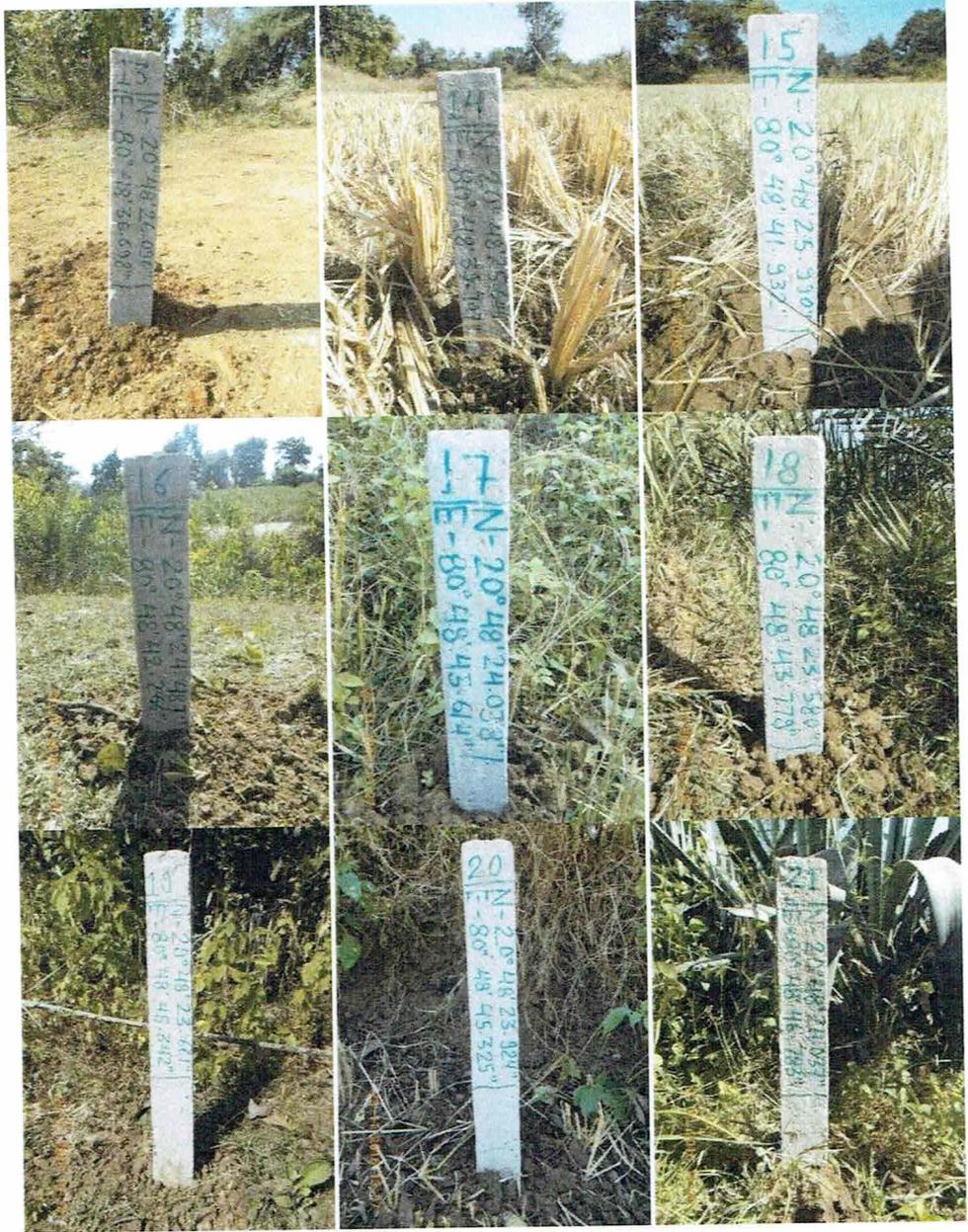


## Survey Pillar photographs Butakasa

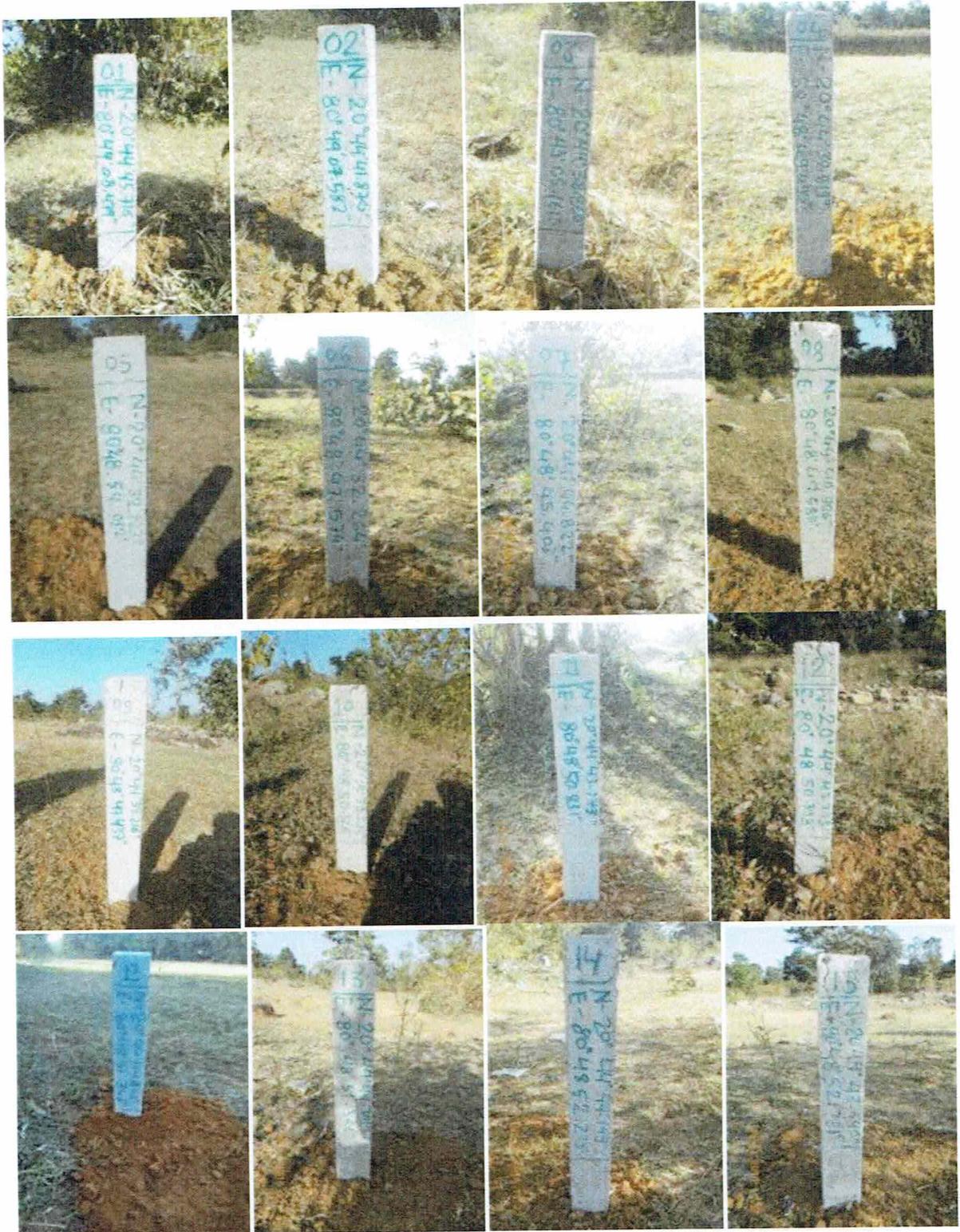


# Survey Pillar photographs Bahoranbhedhi



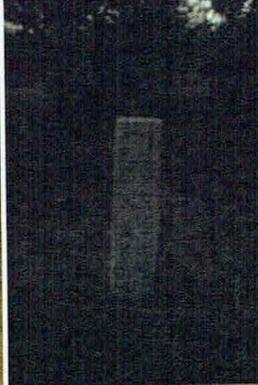


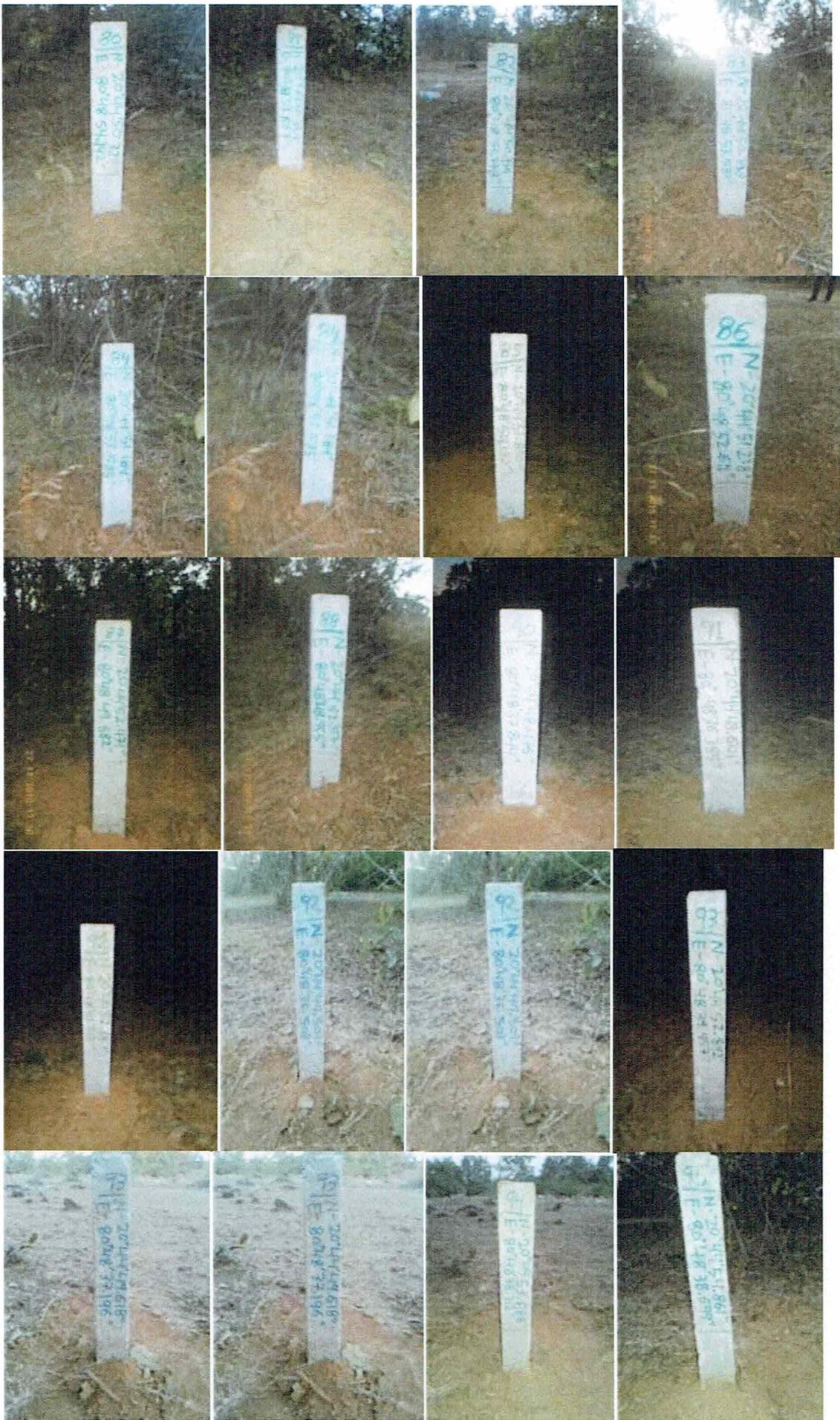
# Survey Pillar photographs Mohad

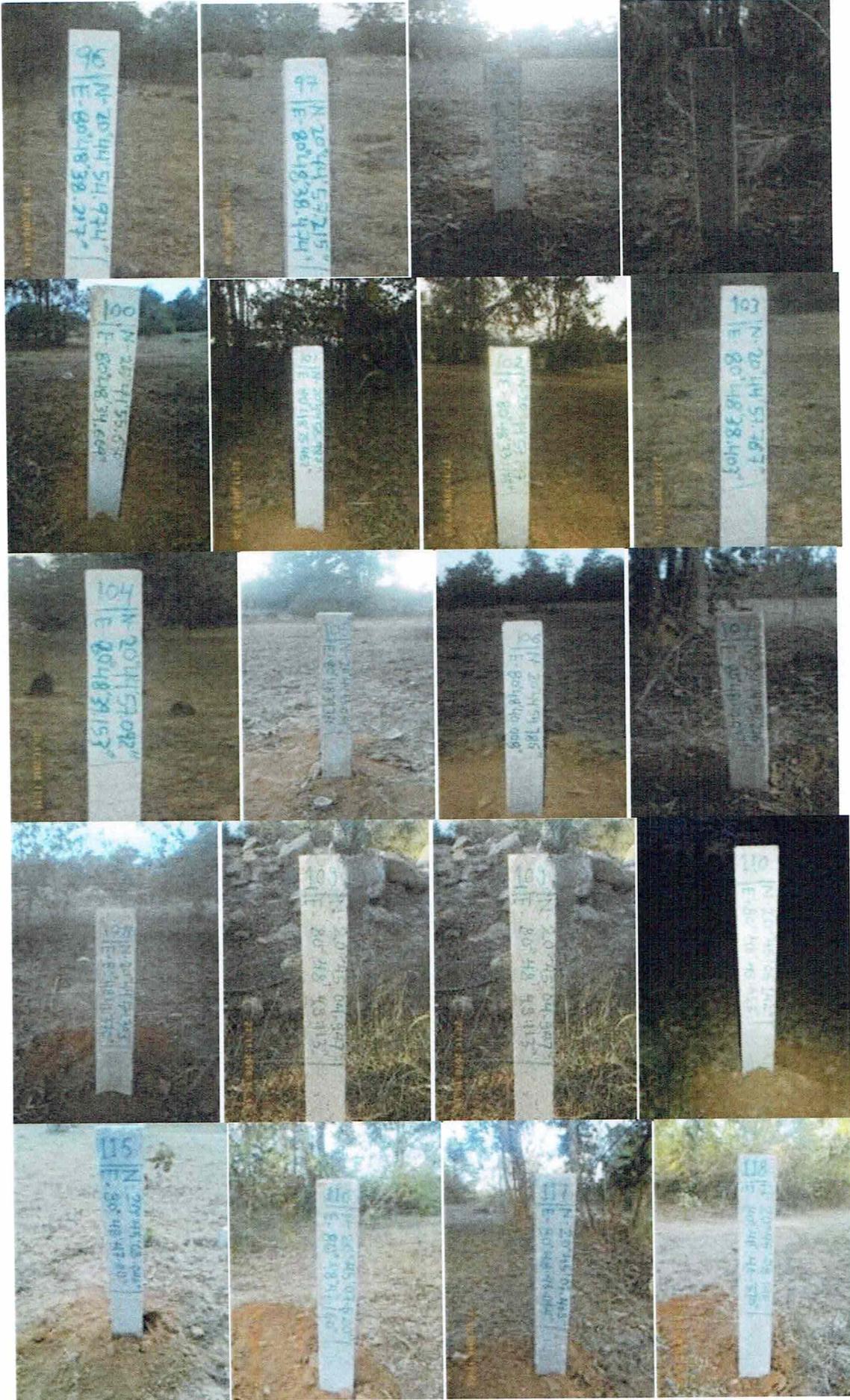


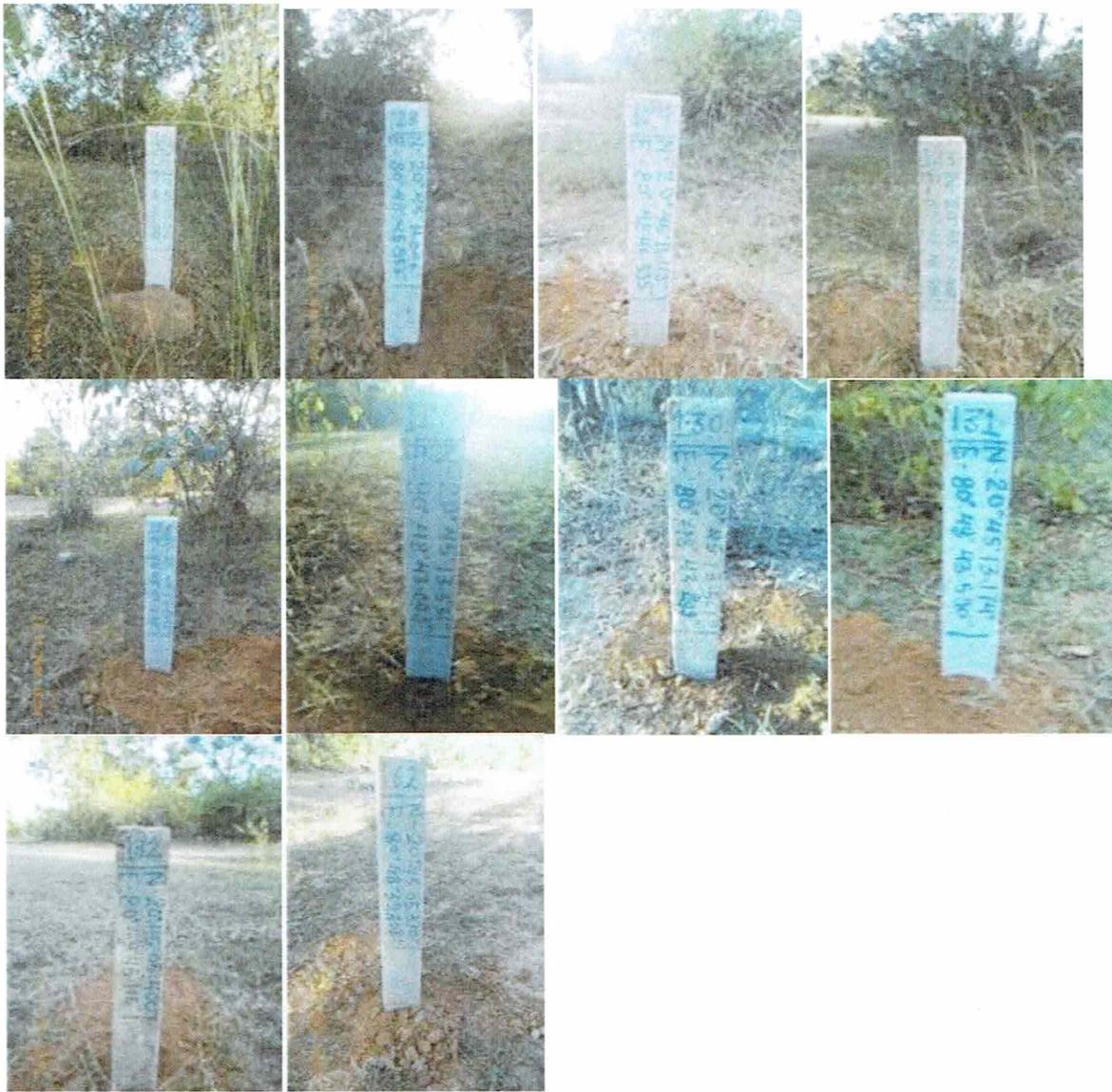








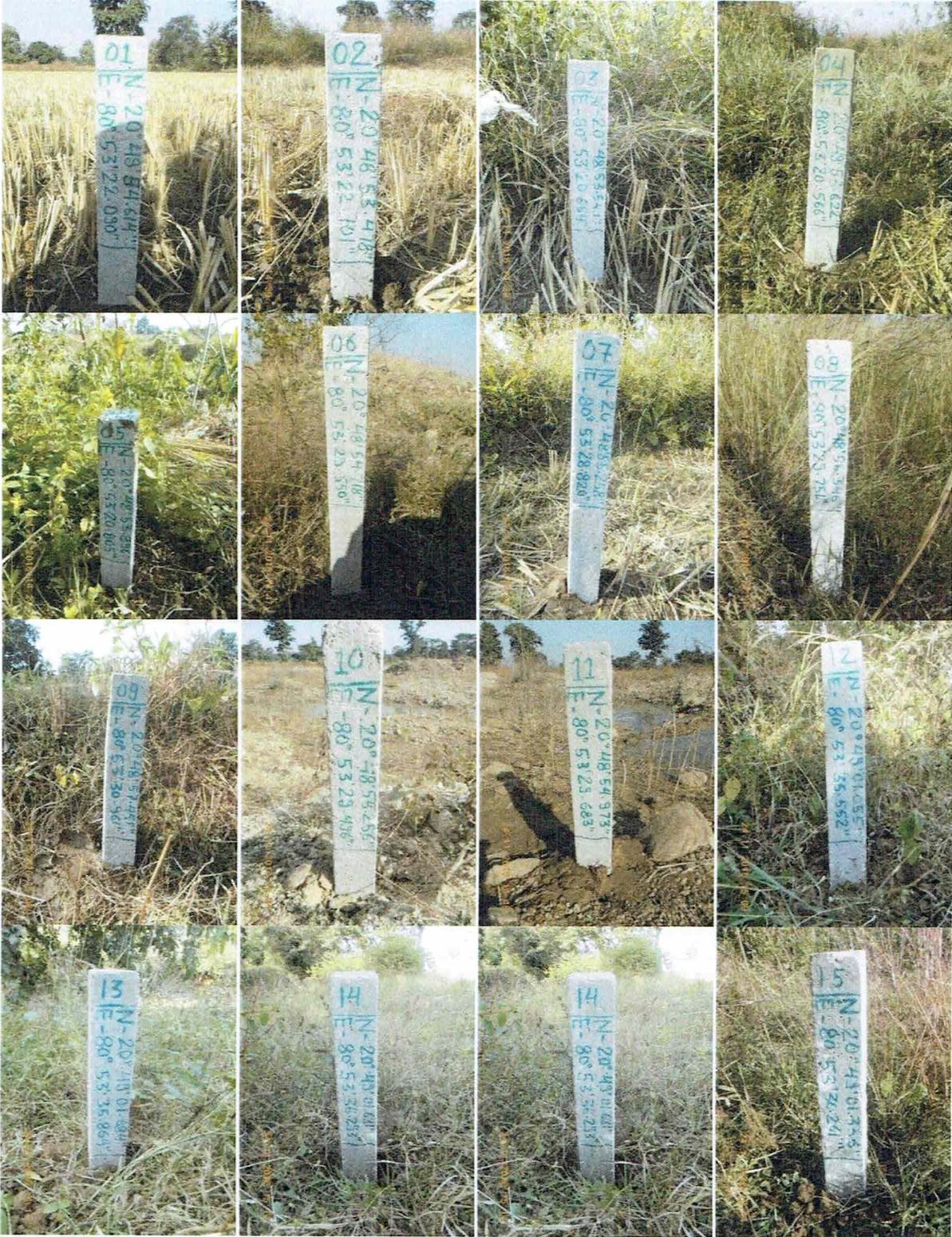


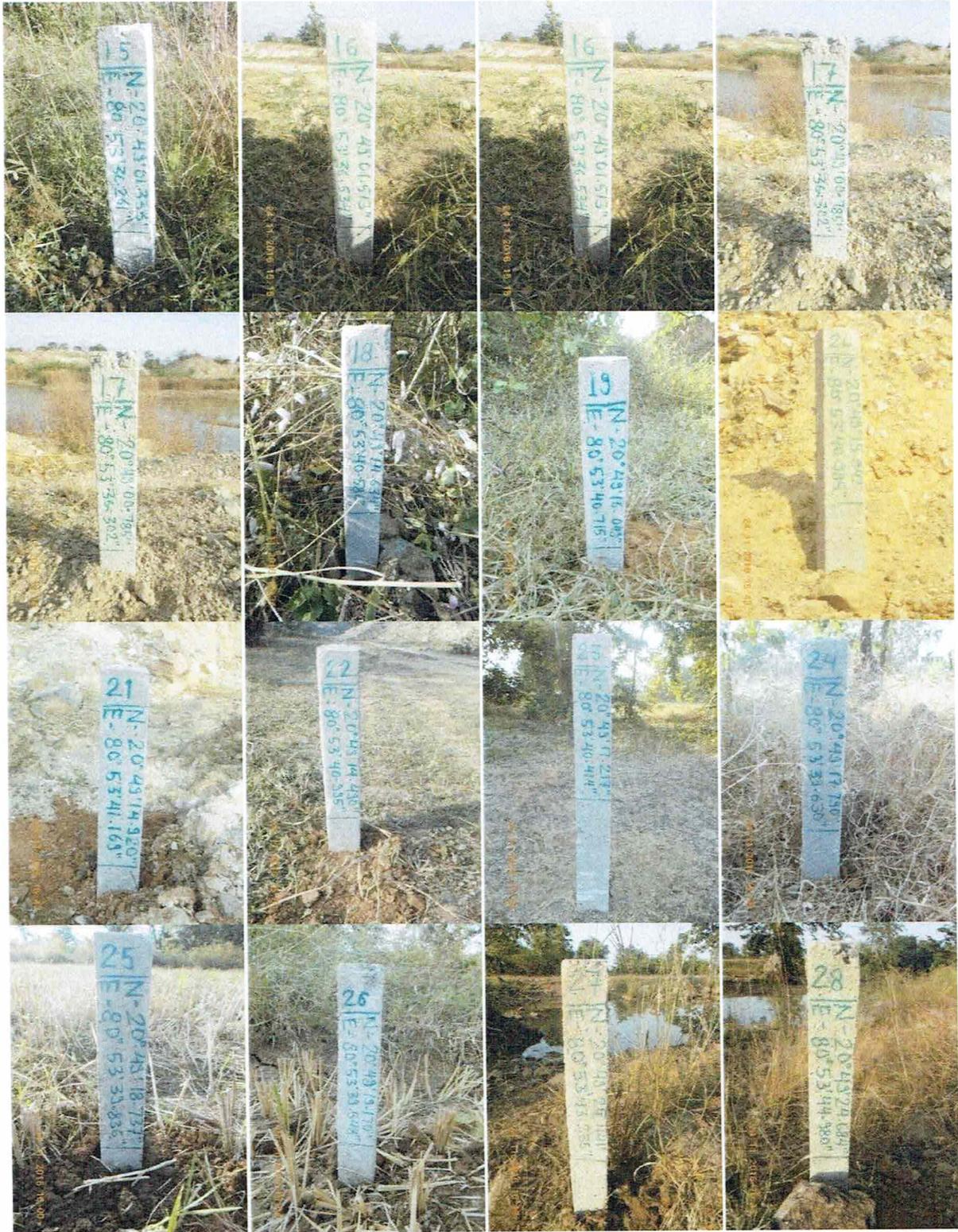


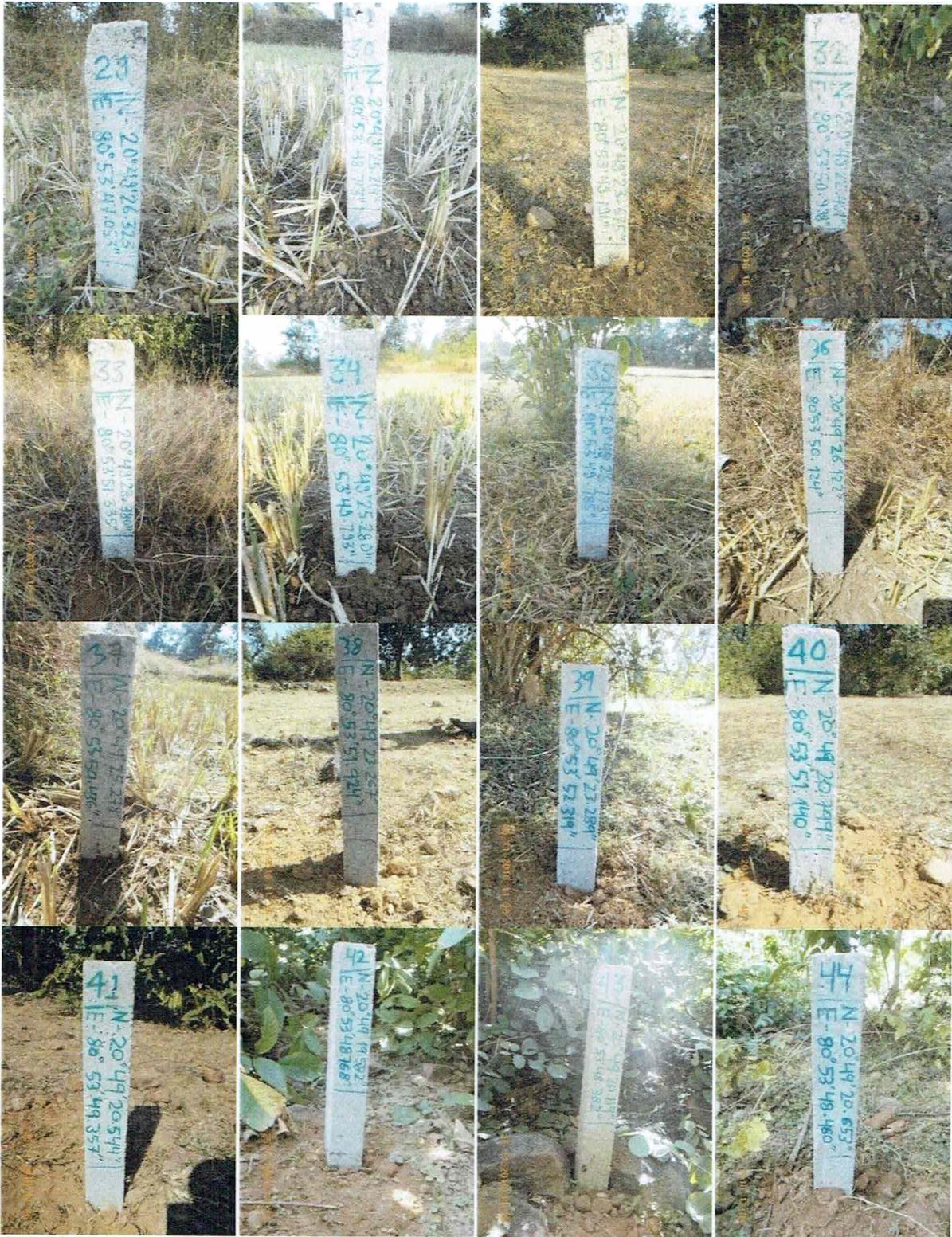
Survey Pillar photographs Siralgarh



# Survey Pillar Photographs Of Parewadeeh





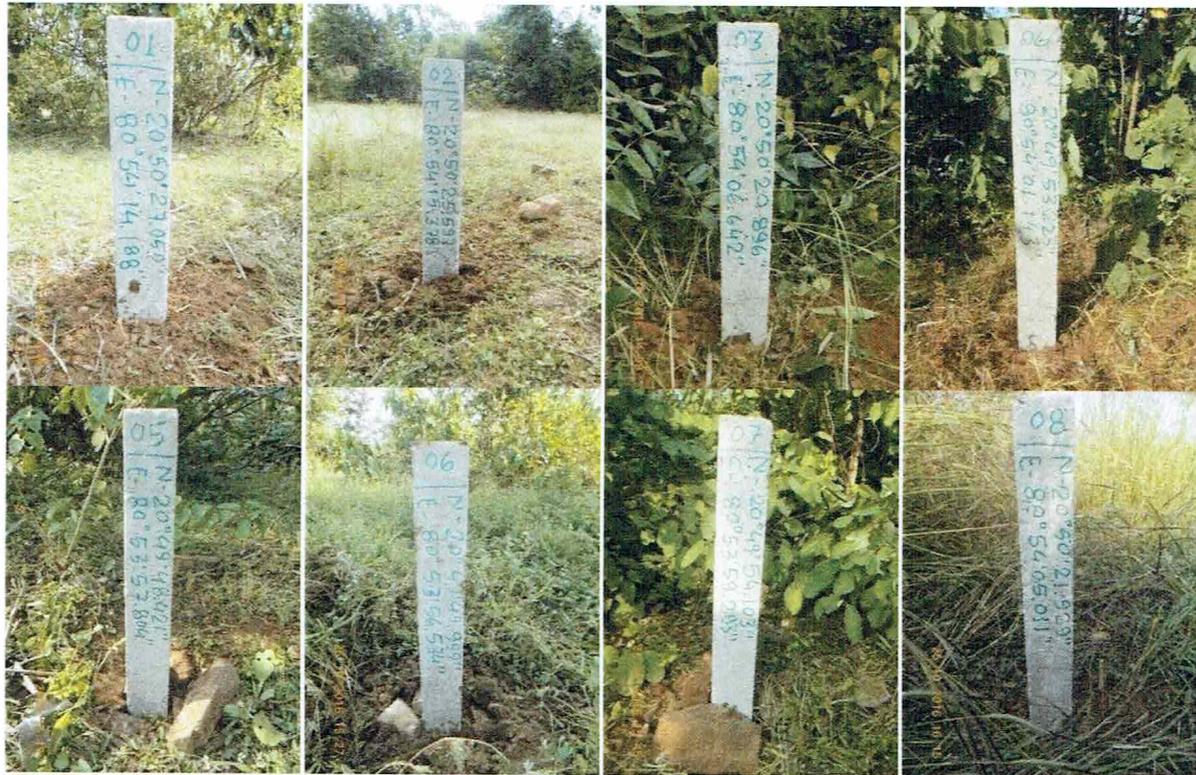




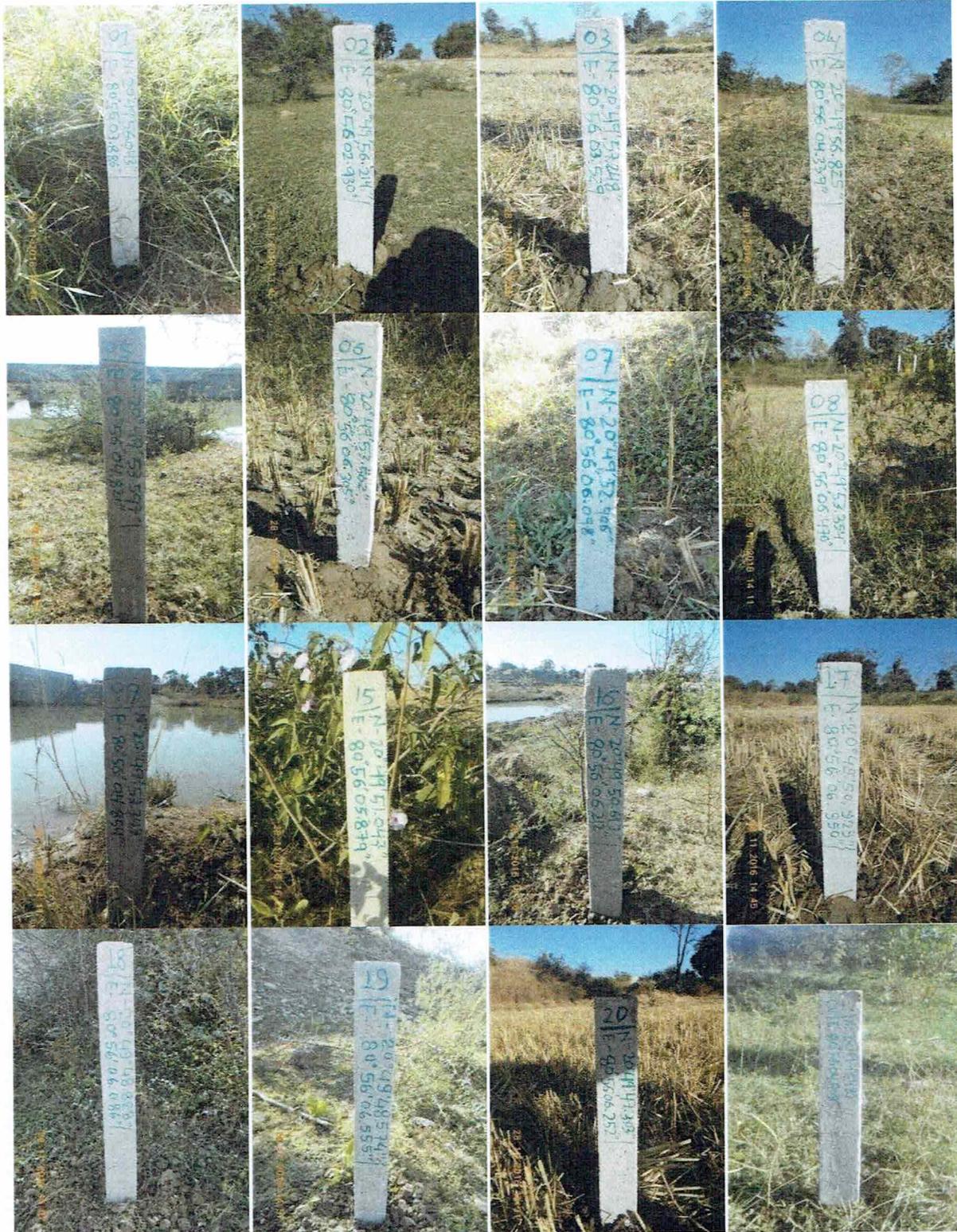




Survey Pillar Photographs Of Badgaon



# Survey Pillar Photographs Of Masulkasa









**DGPS SURVEY & REPORT PREPARED BY:**



**COMPUTER PLUS**

**Software Development & Consultancy**

Plot No. 4 Sector-1, Devendra Nagar  
Raipur (C.G.) 492001  
Phone No: 0771 4031077 M : 7587113793  
E-mail: info@cplus.in Website: www.cplus.in

**Service providing**

- GPS & DGPS Land Survey
- GIS ANALYSIS WORKS
- GIS MAPPING & TOPOLOGICAL SURVEY
- MAP DIGITIZATION
- SOFTWARE DEVELOPMENT
- MOBILE & WEB APP'S
- DATA ANALYSIS WORK