

GOVERNMENT OF ODISHA
FOREST, ENVIRONMENT & CLIMATE CHANGE DEPARTMENT

NOTIFICATION

No.FE-DIV-MISC-0011-2016- 6152 /FE&CC, Date. 05.04.23
(10F-(Cons)-34/2020)

Whereas Forest Block Arang Reserve Forest under Section-20 of the Indian Forest Act 1927, has been notified by Government of Odisha, Revenue Department Notification No.2962 dtd.03/11/1903 indicating an area of 6629.00 Ac. in Balugaon Forest Range of Khordha Forest Division as per *Annexure-I*.

And whereas, the Government of Odisha in the Forest & Environment Department have notified a "Standard Operating Procedure (SOP) for Geo-referencing of Forest Block boundary through DGPS Survey" in the Odisha Gazette vide Notification No. 22572400112016-10F(Cons)77/2016/14097/F&E dtd.04.07.2017, for preparation of such geo-referenced forest maps in pursuance of the directives of Hon'ble Supreme Court in their Order dtd.6.7.2011 (in IA Nos. 1868, 2091, 2225-2227, 2380, 2568 and 2937 in Writ Petition (C) No. 202 of 1995 - Lafarge matter).

And whereas, the Government of Odisha have appointed all Tehsildars in their respective Tehsil jurisdiction in the respective Districts as Forest Settlement Officer (FSO) vide Notification No.10F(TR)38/2020/7767/F&E Dated 21/05/2020.

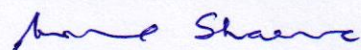
And whereas, the Forest Revenue Joint Verification Committee (FRJVC) has jointly verified and confirmed the boundary pillar positions as per report in *Annexure-II*.

And whereas, the Forest Settlement Officer has certified 'No Change' in the boundary extent of Arang RF post 25th October 1980. The DGPS survey boundary coordinates have been verified by ORSAC and certified by the Forest Settlement Officer. The computed area (UTM Zone 45N projection and WGS 84 datum) of the Arang RF is 2639.876 Ha or 6523.275 Ac. The change in area is due to method of Survey & Area Computation.

Therefore, it has been decided to supplement the existing notification of the Arang RF with the above mentioned FSO certified DGPS surveyed Forest Block Map as per *Annexure-III*, and the statement of geo-coordinates of the Forest Block Boundary pillar positions as per *Annexure-IV*, which shall be treated as the precise boundary description of the Arang RF and shall form an integral part of the original notification in place of any other form of boundary description notified earlier.

There shall be no change to the admitted rights in the original notification.

By Order of the Governor



(DR. MONA SHARMA)

Additional Chief Secretary to Government

By e-mail: deputydirectorpp@rediffmail.com

Memo No. 6153 /FE&CC, Date 05.04.23

Copy with soft copy (CD form) forwarded to the Director of Printing, Stationary & Publication, Odisha Cuttack for publication in an extra-ordinary issue of the Odisha Gazette & supply 50 copies of printed notification each to FE&CC Deptt./ Director Land Records & Surveys, Odisha, Cuttack/ Collector, Khordha/ DFO, Khordha Forest Division/ Tahasildar-Banapur, Dist-Khordha.

The Notification is statutory & may be assigned SRO Number.

OSD-cum-Special Secretary to Government
Memo No. 6154 /FE&CC, Date 05.04.23

Copy forwarded to the PS to Hon'ble Chief Minister, Odisha for favour of kind information of Hon'ble Chief Minister/ PS to Hon'ble Minister, FE&CC, PR&DW, I&PR for favour of kind information of Hon'ble Minister.

OSD-cum-Special Secretary to Government
Memo No. 6155 /FE&CC, Date 05.04.23

Copy forwarded to the Assistant Inspector General of Forest, Govt. of India, Ministry of Environment & Forest & Climate Change (FC Division), Indira Paryavaran Bhawan, Jor Bagh Road, Aliganj, New Delhi-110003/ Deputy Director General of Forests (Central), Govt. of India, MoEF&CC, Integrated Regional Office, A/3, Chandrasekharapur, Bhubaneswar-23 for information & necessary action.

OSD-cum-Special Secretary to Government
Memo No. 6156 /FE&CC, Date 05.04.23

Copy forwarded to the Revenue & Disaster Management Deptt./ ST & SC Development, Minorities & Backward Classes Welfare Department/ Member, Board of Revenue, Odisha, Cuttack/ Director Land Records & Surveys, Odisha, Cuttack/ RDC (CD), Cuttack/ Collector, Khordha/ Tahasildar-Banapur, Dist.-Khordha for information & necessary action.

OSD-cum-Special Secretary to Government
Memo No. 6157 /FE&CC, Date 05.04.23

Copy forwarded to the Principal Chief Conservator of Forest & HoFF, Odisha/ Principal Chief Conservator of Forests (WL) & Chief Wildlife Warden, Odisha/ Regional Chief Conservator of Forests, Bhubaneswar Circle/ DFO, Khordha Forest Division for information & necessary action.

OSD-cum-Special Secretary to Government
Memo No. 6158 /FE&CC, Date 05.04.23

Copy forwarded to the Head, State Portal, I.T. Centre, Odisha Secretariat, Bhubaneswar/ Under Secretary to Government, Office Establishment Section, FE&CC Department w.r.t. their letter No.21646/F&E dtd.22.11.2016 for information and necessary action.

OSD-cum-Special Secretary to Government

FOREST DEPARTMENT, ORISSA.

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PURI FOREST DIVISION

REGISTER OF RESERVED FORESTS

Name of Reserve—

ARANG

CIVIL DISTRICT OR TERRITORY AND REVENUE SUBDIVISION IN WHICH SITUATED

Puri District - Khurda Sub-Division

Number and date of Gazette Notification or Government Order sanctioning the Reserve.

Notified as a Reserved Forest, under Section 20 of the Indian Forest Act (XVI of 1927), by a Notification No. 2962 of 3rd November 1903, published in the ^{BENGAL} State Government Gazette of 1st July 1885, Part I, Page 633.

AREA STATEMENT.

Particulars	Area in acres	REMARKS
Forest burdened with rights -		
Ditto free of rights - - -	6629	
Roads and paths - - -	-	
Streams - - - - -	-	
Total area under Forest Department - - -	6629	
Public roads not under Forest Department -	-	
Private lands included in Reserve - - -	-	
Total area within boundary pillars - - -	6629	
By recalculation vide Bihar and Orissa Letter to Deputy Director of Survey's letter No. 1702 dated the 9th August 1934 and approved by Conservator of Forests' letter No. 6024 dated the 25-9-34. - - -	6456	

Sd _____
31-5-36
D.F.O.

Mush
Divisional Forest Officer
Puri Division

Notification

No. 2962 - The 3rd. November 1903. With reference to the notification dated the 23rd. June and 3rd. July 1885 and 13th. November 1891, published under Section 19 of the Indian Forest Act (VII of 1878) at Pages 633-634 Part I of the Calcutta Gazette of the 1st. July 1885, at pages 655-658 of that of 8th July 1885, and at Page 974 of that of November 1891, declaring certain Forest in the Puri district to be reserved Forest, the Lieutenant-Governor is pleased to direct that the following amended and more accurate descriptions of the boundaries of such of those Forests as are noted below be substituted for the descriptions contained in the said notifications:-

Forest notified under section 19 of the Indian Forest Act (VII of 1878) Pages 655, 658 Part I of the "Calcutta Gazette" of the 8th July 1885 (Notification dated 3rd. July 1885).

FOREST DEPARTMENT, ORISSA

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FOREST DIVISION

REGISTER OF RESERVED FORESTS—continued

No of entry	Description of boundaries
	<u>Under Notification No. 2962 of 3rd November 1903.</u> <u>Exterior boundary.</u>
<u>North:</u>	From the Salia river at the boundary between Khurda and Killa Raupur est eastward, following the demarcated and surveyed boundary on Raupur and mauzas Kunda Khai and Shuanali to the triple junction of Shuanali and Sandhamal in Khurda with Killa Raupur.
<u>East:</u>	Thence along the eastern Survey boundary of Shuanali to the triple junction of the mauzas Sandhamal, Baramal and Shuanali.
<u>South:</u>	Thence along the South-eastern demarcated and surveyed boundary of mauzas Shuanali to the triple junction of mauzas Shuanali, Baramal and Patrapur; thence along a line demarcated by Forest pillars No. 333 to 303 and running south of, and almost parallel to, the South-eastern Survey boundary of mauza Shuanali to a point on the said Survey boundary (Forest pillar no. 300) about five chains to the north of the Andhari Nala; thence along the said Survey boundary and the east and south Survey boundary of mauzas Araug or mauzas Patrapur, Barsinchipur, and Beruambari of Sima Champajhar to the triple junction of mauzas Juali-amba, Araug and Beruambari.
<u>West:</u>	From the triple junction pillar of Juali-amba, Araug and Beruambari, following the white line and surveyed and mapped boundary between Araug, Juali-amba, and Kiagorava to the foot of the hills east of the Kiagorava village; thence in an easterly direction skirting the Araug and Shuanali Valley along the base of the hills; thence along the northern limits of the Valley and the base of the hills to the road from Shuanali to Kunda Khai, about half a mile north of the Shuanali village; thence northward along the said road for about 16 or 17 chains to Forest pillar No. 20. Thence along a demarcated line northward from one to three chains to the east of and running parallel to, the road to Forest pillar No. 13; thence along a demarcated line eastward to Forest pillar No. 8; thence along a demarcated line northward to Forest pillar no. 1. on the left bank of the Salia river; thence along the left bank of the Salia river to the starting point.
	Sd/- Divisional Forest Officer. Puri Division.

.....*Pwai*.....FOREST DIVISION
 . REGISTER OF RESERVED FORESTS—*concluded*

At the settlement made in 195 , and declared in Notification already
 cited of 195 , the following rights were allowed:—

Expend by me.
Should be
PRD. 28/8/80

FOREST REVENUE JOINT VERIFICATION COMMITTEE REPORT

Forest Division: Khordha**Forest Range:** Balugaon**Minutes of Joint Verification:**

List of participation of the Forest-Revenue joint verification committee is given at Table 1.

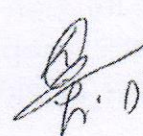
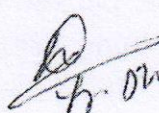
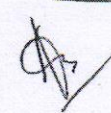
Joint Verification of the boundary of **Arang RF** Forest Block was carried out during 05-11-2019 to 21-11-2019. Existing pillar position recorded through GPS were plotted and compared against geo-referenced cadastral maps of adjoining villages. The verified forest boundary map is enclosed at Plate-1. Findings of the verification w.r.t. revenue cadastral is given below:

- Name of notified forest block: Arang RF
- Notification no. & date: 2962 Dt. 03-11-1903
- Area as per notification: 6629.00 Ac.
- Existing no. of boundary demarcations in conformity with adjoining village boundary: 48 nos. (Annexure -1)
- New boundary demarcations in conformity with adjoining village boundary: 151 nos. (Annexure -2)
- GPS area of verified boundary: 2639.866 ha
- GPS perimeter of verified boundary: 27.159 km

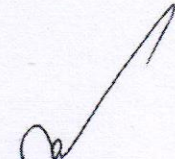
Observations:

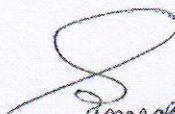
Notification with detailed boundary description and Sketch map is enclosed at Appendix-1 & Appendix-2. The verified boundary shape & area matches with the Sketch map (Diff is -11.734 ha, i.e. -0.44%). Forest boundary demarcation Pillars are in Conformity with Cadastral Map, existing pillars & HRSI. Change of area is due to old method of Survey and Area computation.

TABLE - 1

Forest and Revenue department officials(RO/FR/FG/RI/Amin) and TP involved in Joint verification of Forest Boundary		
Name	Designation	Signature
Pratap Chandra Mohanty	FRO Balugaon	 Forest Range Officer Balugaon Range
 Pr. Dhuli Dusheson Nayak Chetrasen Sena	Forester Dhuli Padmapur, Forester	 Cera Padmapur
Bajaj Ku. Mahanta	EDLTP, SPARC	
Upendra Kumar Sathu	R.I. Padmapur	
Sudhir Kumar Jena	R.I. Hridiprasad	
Amarendra Maharathi	R.I. Narayana	

Counter Signed by:


Tahsildar
Tahsildar, Banpur


Divisional Forest Officer
Divisional Forest Officer
Khordha Division, Khordha

Annexure-II

Geo-referencing of Notified Forests in Khordha Forest Division

Reference Forest Block Boundary Map
w.r.t Adjacent Revenue Village (Cadastral) Boundary
(Based on Forest Revenue Jt. Verification)

Aranga R.F., Balugaon Range

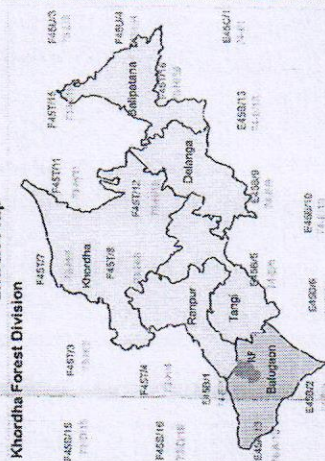


Scale: 1:50,000

Legend

- Existing Pillar (48 nos) X Rejected Pillar (3 nos)
- New Pillar (151 nos) □ RF Boundary
- Virtual Pillar (50 nos) - - - Village Boundary

Index Map



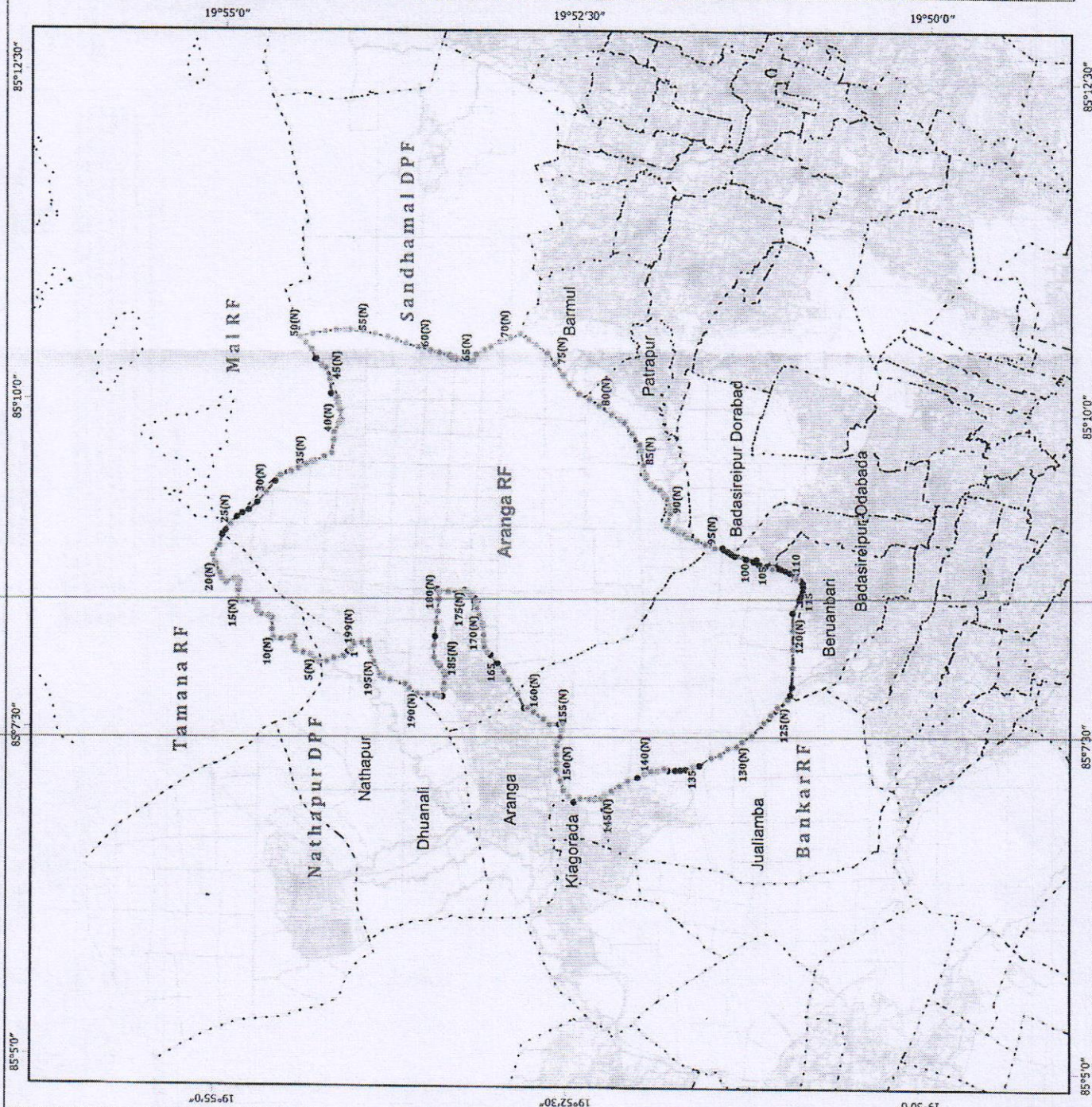
Notified Area

= 2651.6 ha.

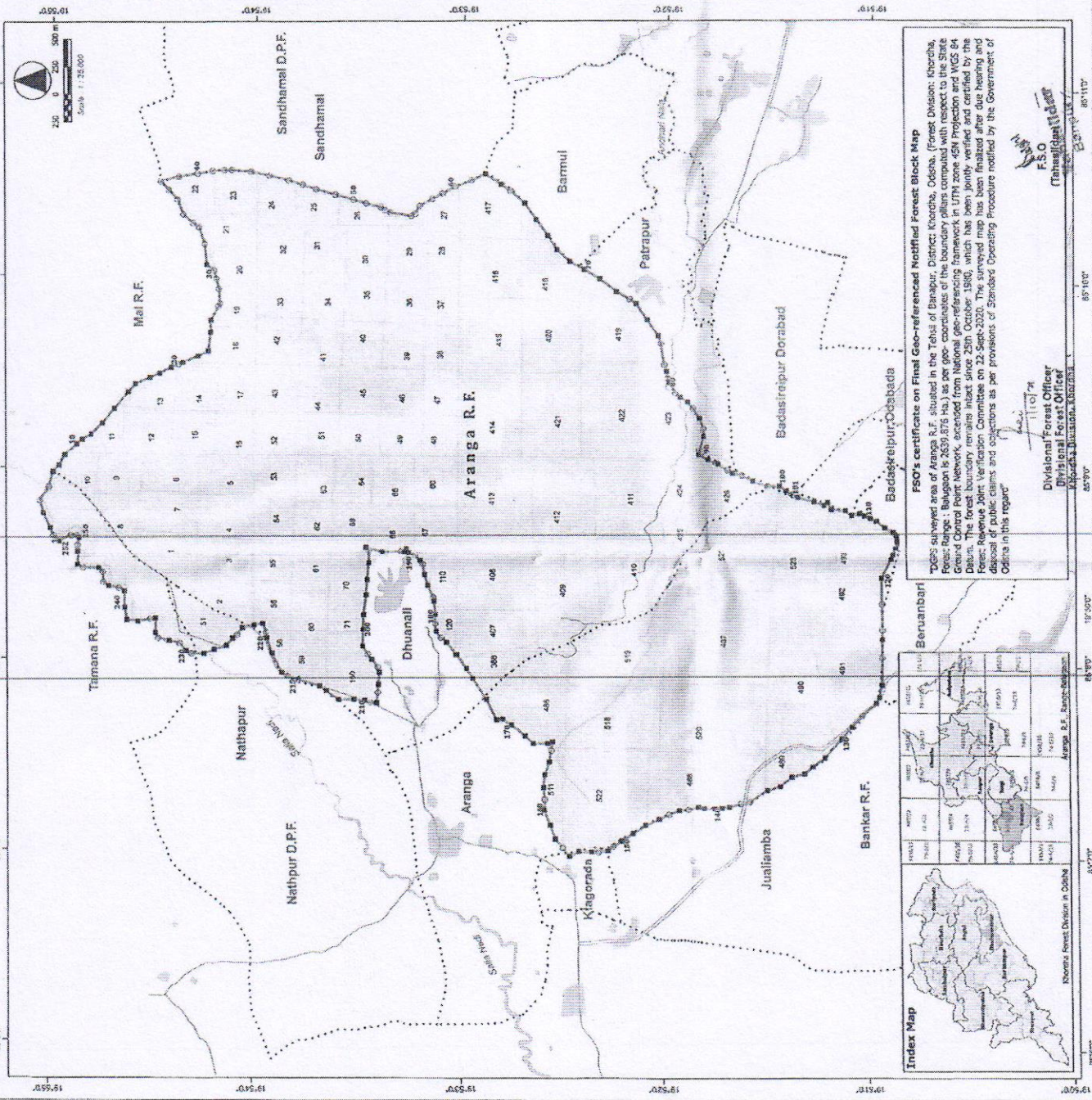
GPS area* as per joint verification = 2639.866 ha.
(*Projected area in UTM Proj. Zone 45N & WGS 84 Datum)

[Signature]
Surveyor (COLT) Forester Revenue Inspector Range officer
Balugaon Range

Prepared by: SPARC Pvt. Ltd. (COLT) Bhubaneswar Circle
Forest Range Officer



FSO Certified DGPS Surveyed Forest Block Map



ARANGA R.F.
Forest Division : KHORDHA, Forest Range : BALLUGAON
Geo-referenced Forest Block Map based on DGPS Survey

Legend :-

- Forest Boundary Pillar / Virtual Pillar
- Range Boundary
- Forest Block Boundary
- Revenue Village Boundary
- Settlement
- Railway
- Major Road
- Other Road
- River / Stream / WB

Statement of Geo-coordinates of Pillar Position (UTM Zone-45N, WGS 84 Datum)

Pillar No.	Latitude	Longitude	Pillar No.	Latitude	Longitude
1	19° 45' 30.000"	85° 50' 00.000"	101	19° 45' 30.000"	85° 50' 00.000"
2	19° 45' 30.000"	85° 50' 00.000"	102	19° 45' 30.000"	85° 50' 00.000"
3	19° 45' 30.000"	85° 50' 00.000"	103	19° 45' 30.000"	85° 50' 00.000"
4	19° 45' 30.000"	85° 50' 00.000"	104	19° 45' 30.000"	85° 50' 00.000"
5	19° 45' 30.000"	85° 50' 00.000"	105	19° 45' 30.000"	85° 50' 00.000"
6	19° 45' 30.000"	85° 50' 00.000"	106	19° 45' 30.000"	85° 50' 00.000"
7	19° 45' 30.000"	85° 50' 00.000"	107	19° 45' 30.000"	85° 50' 00.000"
8	19° 45' 30.000"	85° 50' 00.000"	108	19° 45' 30.000"	85° 50' 00.000"
9	19° 45' 30.000"	85° 50' 00.000"	109	19° 45' 30.000"	85° 50' 00.000"
10	19° 45' 30.000"	85° 50' 00.000"	110	19° 45' 30.000"	85° 50' 00.000"
11	19° 45' 30.000"	85° 50' 00.000"	111	19° 45' 30.000"	85° 50' 00.000"
12	19° 45' 30.000"	85° 50' 00.000"	112	19° 45' 30.000"	85° 50' 00.000"
13	19° 45' 30.000"	85° 50' 00.000"	113	19° 45' 30.000"	85° 50' 00.000"
14	19° 45' 30.000"	85° 50' 00.000"	114	19° 45' 30.000"	85° 50' 00.000"
15	19° 45' 30.000"	85° 50' 00.000"	115	19° 45' 30.000"	85° 50' 00.000"
16	19° 45' 30.000"	85° 50' 00.000"	116	19° 45' 30.000"	85° 50' 00.000"
17	19° 45' 30.000"	85° 50' 00.000"	117	19° 45' 30.000"	85° 50' 00.000"
18	19° 45' 30.000"	85° 50' 00.000"	118	19° 45' 30.000"	85° 50' 00.000"
19	19° 45' 30.000"	85° 50' 00.000"	119	19° 45' 30.000"	85° 50' 00.000"
20	19° 45' 30.000"	85° 50' 00.000"	120	19° 45' 30.000"	85° 50' 00.000"
21	19° 45' 30.000"	85° 50' 00.000"	121	19° 45' 30.000"	85° 50' 00.000"
22	19° 45' 30.000"	85° 50' 00.000"	122	19° 45' 30.000"	85° 50' 00.000"
23	19° 45' 30.000"	85° 50' 00.000"	123	19° 45' 30.000"	85° 50' 00.000"
24	19° 45' 30.000"	85° 50' 00.000"	124	19° 45' 30.000"	85° 50' 00.000"
25	19° 45' 30.000"	85° 50' 00.000"	125	19° 45' 30.000"	85° 50' 00.000"
26	19° 45' 30.000"	85° 50' 00.000"	126	19° 45' 30.000"	85° 50' 00.000"
27	19° 45' 30.000"	85° 50' 00.000"	127	19° 45' 30.000"	85° 50' 00.000"
28	19° 45' 30.000"	85° 50' 00.000"	128	19° 45' 30.000"	85° 50' 00.000"
29	19° 45' 30.000"	85° 50' 00.000"	129	19° 45' 30.000"	85° 50' 00.000"
30	19° 45' 30.000"	85° 50' 00.000"	130	19° 45' 30.000"	85° 50' 00.000"
31	19° 45' 30.000"	85° 50' 00.000"	131	19° 45' 30.000"	85° 50' 00.000"
32	19° 45' 30.000"	85° 50' 00.000"	132	19° 45' 30.000"	85° 50' 00.000"
33	19° 45' 30.000"	85° 50' 00.000"	133	19° 45' 30.000"	85° 50' 00.000"
34	19° 45' 30.000"	85° 50' 00.000"	134	19° 45' 30.000"	85° 50' 00.000"
35	19° 45' 30.000"	85° 50' 00.000"	135	19° 45' 30.000"	85° 50' 00.000"
36	19° 45' 30.000"	85° 50' 00.000"	136	19° 45' 30.000"	85° 50' 00.000"
37	19° 45' 30.000"	85° 50' 00.000"	137	19° 45' 30.000"	85° 50' 00.000"
38	19° 45' 30.000"	85° 50' 00.000"	138	19° 45' 30.000"	85° 50' 00.000"
39	19° 45' 30.000"	85° 50' 00.000"	139	19° 45' 30.000"	85° 50' 00.000"
40	19° 45' 30.000"	85° 50' 00.000"	140	19° 45' 30.000"	85° 50' 00.000"
41	19° 45' 30.000"	85° 50' 00.000"	141	19° 45' 30.000"	85° 50' 00.000"
42	19° 45' 30.000"	85° 50' 00.000"	142	19° 45' 30.000"	85° 50' 00.000"
43	19° 45' 30.000"	85° 50' 00.000"	143	19° 45' 30.000"	85° 50' 00.000"
44	19° 45' 30.000"	85° 50' 00.000"	144	19° 45' 30.000"	85° 50' 00.000"
45	19° 45' 30.000"	85° 50' 00.000"	145	19° 45' 30.000"	85° 50' 00.000"
46	19° 45' 30.000"	85° 50' 00.000"	146	19° 45' 30.000"	85° 50' 00.000"
47	19° 45' 30.000"	85° 50' 00.000"	147	19° 45' 30.000"	85° 50' 00.000"
48	19° 45' 30.000"	85° 50' 00.000"	148	19° 45' 30.000"	85° 50' 00.000"
49	19° 45' 30.000"	85° 50' 00.000"	149	19° 45' 30.000"	85° 50' 00.000"
50	19° 45' 30.000"	85° 50' 00.000"	150	19° 45' 30.000"	85° 50' 00.000"
51	19° 45' 30.000"	85° 50' 00.000"	151	19° 45' 30.000"	85° 50' 00.000"
52	19° 45' 30.000"	85° 50' 00.000"	152	19° 45' 30.000"	85° 50' 00.000"
53	19° 45' 30.000"	85° 50' 00.000"	153	19° 45' 30.000"	85° 50' 00.000"
54	19° 45' 30.000"	85° 50' 00.000"	154	19° 45' 30.000"	85° 50' 00.000"
55	19° 45' 30.000"	85° 50' 00.000"	155	19° 45' 30.000"	85° 50' 00.000"
56	19° 45' 30.000"	85° 50' 00.000"	156	19° 45' 30.000"	85° 50' 00.000"
57	19° 45' 30.000"	85° 50' 00.000"	157	19° 45' 30.000"	85° 50' 00.000"
58	19° 45' 30.000"	85° 50' 00.000"	158	19° 45' 30.000"	85° 50' 00.000"
59	19° 45' 30.000"	85° 50' 00.000"	159	19° 45' 30.000"	85° 50' 00.000"
60	19° 45' 30.000"	85° 50' 00.000"	160	19° 45' 30.000"	85° 50' 00.000"
61	19° 45' 30.000"	85° 50' 00.000"	161	19° 45' 30.000"	85° 50' 00.000"
62	19° 45' 30.000"	85° 50' 00.000"	162	19° 45' 30.000"	85° 50' 00.000"
63	19° 45' 30.000"	85° 50' 00.000"	163	19° 45' 30.000"	85° 50' 00.000"
64	19° 45' 30.000"	85° 50' 00.000"	164	19° 45' 30.000"	85° 50' 00.000"
65	19° 45' 30.000"	85° 50' 00.000"	165	19° 45' 30.000"	85° 50' 00.000"
66	19° 45' 30.000"	85° 50' 00.000"	166	19° 45' 30.000"	85° 50' 00.000"
67	19° 45' 30.000"	85° 50' 00.000"	167	19° 45' 30.000"	85° 50' 00.000"
68	19° 45' 30.000"	85° 50' 00.000"	168	19° 45' 30.000"	85° 50' 00.000"
69	19° 45' 30.000"	85° 50' 00.000"	169	19° 45' 30.000"	85° 50' 00.000"
70	19° 45' 30.000"	85° 50' 00.000"	170	19° 45' 30.000"	85° 50' 00.000"
71	19° 45' 30.000"	85° 50' 00.000"	171	19° 45' 30.000"	85° 50' 00.000"
72	19° 45' 30.000"	85° 50' 00.000"	172	19° 45' 30.000"	85° 50' 00.000"
73	19° 45' 30.000"	85° 50' 00.000"	173	19° 45' 30.000"	85° 50' 00.000"
74	19° 45' 30.000"	85° 50' 00.000"	174	19° 45' 30.000"	85° 50' 00.000"
75	19° 45' 30.000"	85° 50' 00.000"	175	19° 45' 30.000"	85° 50' 00.000"
76	19° 45' 30.000"	85° 50' 00.000"	176	19° 45' 30.000"	85° 50' 00.000"
77	19° 45' 30.000"	85° 50' 00.000"	177	19° 45' 30.000"	85° 50' 00.000"
78	19° 45' 30.000"	85° 50' 00.000"	178	19° 45' 30.000"	85° 50' 00.000"
79	19° 45' 30.000"	85° 50' 00.000"	179	19° 45' 30.000"	85° 50' 00.000"
80	19° 45' 30.000"	85° 50' 00.000"	180	19° 45' 30.000"	85° 50' 00.000"
81	19° 45' 30.000"	85° 50' 00.000"	181	19° 45' 30.000"	85° 50' 00.000"
82	19° 45' 30.000"	85° 50' 00.000"	182	19° 45' 30.000"	85° 50' 00.000"
83	19° 45' 30.000"	85° 50' 00.000"	183	19° 45' 30.000"	85° 50' 00.000"
84	19° 45' 30.000"	85° 50' 00.000"	184	19° 45' 30.000"	85° 50' 00.000"
85	19° 45' 30.000"	85° 50' 00.000"	185	19° 45' 30.000"	85° 50' 00.000"
86	19° 45' 30.000"	85° 50' 00.000"	186	19° 45' 30.000"	85° 50' 00.000"
87	19° 45' 30.000"	85° 50' 00.000"	187	19° 45' 30.000"	85° 50' 00.000"
88	19° 45' 30.000"	85° 50' 00.000"	188	19° 45' 30.000"	85° 50' 00.000"
89	19° 45' 30.000"	85° 50' 00.000"	189	19° 45' 30.000"	85° 50' 00.000"
90	19° 45' 30.000"	85° 50' 00.000"	190	19° 45' 30.000"	85° 50' 00.000"
91	19° 45' 30.000"	85° 50' 00.000"	191	19° 45' 30.000"	85° 50' 00.000"
92	19° 45' 30.000"	85° 50' 00.000"	192	19° 45' 30.000"	85° 50' 00.000"
93	19° 45' 30.000"	85° 50' 00.000"	193	19° 45' 30.000"	85° 50' 00.000"
94	19° 45' 30.000"	85° 50' 00.000"	194	19° 45' 30.000"	85° 50' 00.000"
95	19° 45' 30.000"	85° 50' 00.000"	195	19° 45' 30.000"	85° 50' 00.000"
96	19° 45' 30.000"	85° 50' 00.000"	196	19° 45' 30.000"	85° 50' 00.000"
97	19° 45' 30.000"	85° 50' 00.000"	197	19° 45' 30.000"	85° 50' 00.000"
98	19° 45' 30.000"	85° 50' 00.000"	198	19° 45' 30.000"	85° 50' 00.000"
99	19° 45' 30.000"	85° 50' 00.000"	199	19° 45' 30.000"	85° 50' 00.000"
100	19° 45' 30.000"	85° 50' 00.000"	200	19° 45' 30.000"	85° 50' 00.000"

Differential GPS Surveyed Area - 2639.876 Ha.

Note:-

- The pillar locations area as per joint field verification and certification by the Forest Revenue Joint Verification Committee (FRVC) on 22-Sept-2020.
- Above DGPS Coordinates are with respect to Forest Primary Control Point (FPCP) located at Ranpur Range office (FPCP Code:KH005-005)

Index Map

FSO's certificate on Final Geo-referenced Notified Forest Block Map

DGPS surveyed area of Aranga R.F. situated in the Tahsil of Banapur, District: Khordha, Odisha, (Forest Division: Khordha, Forest Range: Ballugan & 2639.876 Ha.) as per geo-coordinates of the boundary pillars computed with respect to the State Geodetic Control Point Network, extended from National Geo-referencing framework in UTM zone 45N Projection and WGS 84 Datum. The forest boundary remains intact since 23rd October 1980, which has been jointly verified and certified by the Forest Revenue Joint Verification Committee on 22-Sept-2020. The surveyed map has been finalised after due hearing and disposal of public claims and objections as per provisions of Standard Operating Procedure notified by the Government of Odisha in this regard.

Divisional Forest Officer
Khordha Forest Division, Khordha

Aranga R.F. Surveyed Area

STATEMENT OF GEO-COORDINATES OF PILLAR POSITIONS

Forest Division: **Khordha** Forest Range : **Balugaon** Forest Block Name: **Aranga RF**

Ground Control Point (GCP) References. (All coordinates in WGS84 datum & UTM Zone 45N projection)

GCP Type	GCP Location	Latitude(DMS)	Longitude(DMS)	Latitude(DD)	Longitude(DD)
FPCP	Balugaon Range Office	19°45'06.30505"	85°12'06.67303"	19.75175140	85.20185362
FSCP1	Aranga RF , Pillar No- 101	19°51'23.223060"	85°08'54.094920"	19.85645085	85.14835970
FSCP2	Aranga RF , Pillar No- 215	19°53'47.421636"	85°07'54.093828"	19.89650601	85.13169273

Geo-coordinates of Boundary Pillar Position (Total: 252 nos.)

Pillar No	Latitude(DMS)	Longitude(DMS)	Latitude(DD)	Longitude(DD)
1	19°54'57.576204"	85°08'36.883824"	19.91599339	85.14357884
2	19°54'59.198256"	85°08'38.763060"	19.91644396	85.14410085
3	19°55'0.093684"	85°08'41.034084"	19.91669269	85.14473169
4	19°55'2.196588"	85°08'45.701628"	19.91727683	85.14602823
5	19°55'3.198000"	85°08'49.688016"	19.91755500	85.14713556
6	19°55'0.582312"	85°08'54.043440"	19.91682842	85.14834540
7	19°54'59.380272"	85°08'58.688952"	19.91649452	85.14963582
8	19°54'57.667140"	85°09'0.808668"	19.91601865	85.15022463
9	19°54'56.064240"	85°09'4.111704"	19.91557340	85.15114214
10	19°54'52.798896"	85°09'7.449480"	19.91466636	85.15206930
11	19°54'51.174252"	85°09'8.955900"	19.91421507	85.15248775
12	19°54'48.434184"	85°09'10.512864"	19.91345394	85.15292024
13	19°54'45.041220"	85°09'14.014980"	19.91251145	85.15389305
14	19°54'41.475636"	85°09'18.698472"	19.91152101	85.15519402
15	19°54'37.430352"	85°09'23.824764"	19.91039732	85.15661799
16	19°54'35.360640"	85°09'26.412372"	19.90982240	85.15733677
17	19°54'31.024800"	85°09'28.446300"	19.90861800	85.15790175
18	19°54'28.047744"	85°09'29.820672"	19.90779104	85.15828352
19	19°54'24.658704"	85°09'31.651776"	19.90684964	85.15879216
20	19°54'22.465080"	85°09'32.682600"	19.90624030	85.15907850
21	19°54'21.251556"	85°09'33.256872"	19.90590321	85.15923802
22	19°54'17.018964"	85°09'35.310060"	19.90472749	85.15980835
23	19°54'13.779612"	85°09'36.973620"	19.90382767	85.16027045
24	19°54'13.147020"	85°09'42.848388"	19.90365195	85.16190233
25	19°54'13.029696"	85°09'46.516752"	19.90361936	85.16292132
26	19°54'10.906236"	85°09'50.863140"	19.90302951	85.16412865
27	19°54'10.338876"	85°09'51.913080"	19.90287191	85.16442030
28	19°54'10.718496"	85°09'56.367900"	19.90297736	85.16565775
29	19°54'11.493072"	85°09'59.493456"	19.90319252	85.16652596
30	19°54'12.218076"	85°10'2.075448"	19.90339391	85.16724318
31	19°54'14.438376"	85°10'4.000764"	19.90401066	85.16777799
32	19°54'15.112836"	85°10'10.424712"	19.90419801	85.16956242
33	19°54'16.858548"	85°10'15.590748"	19.90468293	85.17099743

Pillar No	Latitude(DMS)	Longitude(DMS)	Latitude(DD)	Longitude(DD)
34	19°54'18.640260"	85°10'16.973688"	19.90517785	85.17138158
35	19°54'21.394800"	85°10'19.621200"	19.90594300	85.17211700
36	19°54'23.083380"	85°10'24.150720"	19.90641205	85.17337520
37	19°54'25.709292"	85°10'27.161148"	19.90714147	85.17421143
38	19°54'28.020420"	85°10'29.771868"	19.90778345	85.17493663
39	19°54'22.701420"	85°10'31.329120"	19.90630595	85.17536920
40	19°54'17.394084"	85°10'32.347812"	19.90483169	85.17565217
41	19°54'12.805668"	85°10'33.171780"	19.90355713	85.17588105
42	19°54'9.209700"	85°10'33.453948"	19.90255825	85.17595943
43	19°54'7.048332"	85°10'33.492720"	19.90195787	85.17597020
44	19°54'1.490220"	85°10'33.006288"	19.90041395	85.17583508
45	19°53'56.012316"	85°10'31.831788"	19.89889231	85.17550883
46	19°53'50.467200"	85°10'30.435600"	19.89735200	85.17512100
47	19°53'46.636512"	85°10'29.122176"	19.89628792	85.17475616
48	19°53'42.688968"	85°10'27.814224"	19.89519138	85.17439284
49	19°53'37.114800"	85°10'26.112000"	19.89364300	85.17392000
50	19°53'32.015544"	85°10'24.630420"	19.89222654	85.17350845
51	19°53'28.198824"	85°10'23.553156"	19.89116634	85.17320921
52	19°53'23.976132"	85°10'22.412028"	19.88999337	85.17289223
53	19°53'22.749576"	85°10'21.425016"	19.88965266	85.17261806
54	19°53'21.256188"	85°10'20.727156"	19.88923783	85.17242421
55	19°53'15.079308"	85°10'19.786368"	19.88752203	85.17216288
56	19°53'14.023572"	85°10'20.378928"	19.88722877	85.17232748
57	19°53'12.710112"	85°10'22.998000"	19.88686392	85.17305500
58	19°53'9.035304"	85°10'25.149828"	19.88584314	85.17365273
59	19°53'6.182232"	85°10'26.807664"	19.88505062	85.17411324
60	19°53'2.525676"	85°10'28.979400"	19.88403491	85.17471650
61	19°52'57.989424"	85°10'30.963036"	19.88277484	85.17526751
62	19°52'53.673600"	85°10'32.963448"	19.88157600	85.17582318
63	19°52'49.189332"	85°10'29.812296"	19.88033037	85.17494786
64	19°52'46.476912"	85°10'27.836940"	19.87957692	85.17439915
65	19°52'42.060036"	85°10'24.142800"	19.87835001	85.17337300
66	19°52'38.559540"	85°10'19.063776"	19.87737765	85.17196216
67	19°52'35.147460"	85°10'14.130336"	19.87642985	85.17059176
68	19°52'32.534508"	85°10'9.777792"	19.87570403	85.16938272
69	19°52'28.705260"	85°10'6.106944"	19.87464035	85.16836304
70	19°52'24.359952"	85°10'3.506628"	19.87343332	85.16764073
71	19°52'19.643556"	85°10'0.721704"	19.87212321	85.16686714
72	19°52'14.957400"	85°09'56.759904"	19.87082150	85.16576664
73	19°52'11.072460"	85°09'54.463176"	19.86974235	85.16512866
74	19°52'9.125292"	85°09'53.119476"	19.86920147	85.16475541
75	19°52'5.781288"	85°09'48.071772"	19.86827258	85.16335327
76	19°52'2.620380"	85°09'43.165836"	19.86739455	85.16199051
77	19°52'1.827300"	85°09'40.724172"	19.86717425	85.16131227
78	19°52'0.841296"	85°09'34.173756"	19.86690036	85.15949271

Pillar No	Latitude(DMS)	Longitude(DMS)	Latitude(DD)	Longitude(DD)
79	19°52'0.187104"	85°09'32.095368"	19.86671864	85.15891538
80	19°51'59.783004"	85°09'29.811024"	19.86660639	85.15828084
81	19°51'59.436612"	85°09'28.644948"	19.86651017	85.15795693
82	19°51'57.559572"	85°09'25.351596"	19.86598877	85.15704211
83	19°51'56.172852"	85°09'24.087348"	19.86560357	85.15669093
84	19°51'53.806212"	85°09'22.626792"	19.86494617	85.15628522
85	19°51'52.205184"	85°09'20.721780"	19.86450144	85.15575605
86	19°51'50.389776"	85°09'17.643384"	19.86399716	85.15490094
87	19°51'49.197384"	85°09'14.345460"	19.86366594	85.15398485
88	19°51'49.109904"	85°09'12.021264"	19.86364164	85.15333924
89	19°51'50.332572"	85°09'7.722180"	19.86398127	85.15214505
90	19°51'50.565780"	85°09'6.254316"	19.86404605	85.15173731
91	19°51'47.748348"	85°09'4.708872"	19.86326343	85.15130802
92	19°51'45.550080"	85°09'3.758040"	19.86265280	85.15104390
93	19°51'44.796852"	85°09'3.410928"	19.86244357	85.15094748
94	19°51'42.093720"	85°09'1.462068"	19.86169270	85.15040613
95	19°51'40.556628"	85°09'0.533592"	19.86126573	85.15014822
96	19°51'37.891692"	85°08'59.892540"	19.86052547	85.14997015
97	19°51'34.612272"	85°08'58.191900"	19.85961452	85.14949775
98	19°51'30.295476"	85°08'56.669172"	19.85841541	85.14907477
99	19°51'26.898084"	85°08'56.770764"	19.85747169	85.14910299
100	19°51'24.932736"	85°08'55.290660"	19.85692576	85.14869185
101	19°51'23.223060"	85°08'54.094920"	19.85645085	85.14835970
102	19°51'21.552624"	85°08'53.167416"	19.85598684	85.14810206
103	19°51'16.652592"	85°08'51.847980"	19.85462572	85.14773555
104	19°51'13.726800"	85°08'50.818524"	19.85381300	85.14744959
105	19°51'12.536532"	85°08'51.706428"	19.85348237	85.14769623
106	19°51'11.530440"	85°08'49.523820"	19.85320290	85.14708995
107	19°51'7.322976"	85°08'49.154604"	19.85203416	85.14698739
108	19°51'5.525136"	85°08'47.695128"	19.85153476	85.14658198
109	19°51'3.144600"	85°08'48.353568"	19.85087350	85.14676488
110	19°51'1.781676"	85°08'47.717232"	19.85049491	85.14658812
111	19°50'59.958384"	85°08'46.848264"	19.84998844	85.14634674
112	19°50'58.178472"	85°08'46.096980"	19.84949402	85.14613805
113	19°50'55.687164"	85°08'43.902636"	19.84880199	85.14552851
114	19°50'53.318112"	85°08'42.550980"	19.84814392	85.14515305
115	19°50'52.473120"	85°08'41.528904"	19.84790920	85.14486914
116	19°50'52.223532"	85°08'39.742080"	19.84783987	85.14437280
117	19°50'52.530108"	85°08'37.489992"	19.84792503	85.14374722
118	19°50'53.278548"	85°08'35.316276"	19.84813293	85.14314341
119	19°50'53.846160"	85°08'33.810180"	19.84829060	85.14272505
120	19°50'56.620428"	85°08'27.709548"	19.84906123	85.14103043
121	19°50'56.512068"	85°08'19.571100"	19.84903113	85.13876975
122	19°50'56.364000"	85°08'11.414400"	19.84899000	85.13650400
123	19°50'56.412168"	85°08'8.441844"	19.84900338	85.13567829

Pillar No	Latitude(DMS)	Longitude(DMS)	Latitude(DD)	Longitude(DD)
124	19°50'56.376708"	85°08'2.737536"	19.84899353	85.13409376
125	19°50'56.385024"	85°07'54.079572"	19.84899584	85.13168877
126	19°50'57.190164"	85°07'50.271888"	19.84921949	85.13063108
127	19°50'58.089336"	85°07'48.386424"	19.84946926	85.13010734
128	19°51'2.322000"	85°07'44.446800"	19.85064500	85.12901300
129	19°51'5.329188"	85°07'40.946772"	19.85148033	85.12804077
130	19°51'8.445744"	85°07'37.370856"	19.85234604	85.12704746
131	19°51'13.347180"	85°07'31.393236"	19.85370755	85.12538701
132	19°51'17.070300"	85°07'28.601688"	19.85474175	85.12461158
133	19°51'19.571832"	85°07'26.357160"	19.85543662	85.12398810
134	19°51'23.340996"	85°07'25.424256"	19.85648361	85.12372896
135	19°51'26.686692"	85°07'22.439496"	19.85741297	85.12289986
136	19°51'30.443328"	85°07'21.154296"	19.85845648	85.12254286
137	19°51'35.488800"	85°07'17.504400"	19.85985800	85.12152900
138	19°51'38.129040"	85°07'16.888224"	19.86059140	85.12135784
139	19°51'41.265072"	85°07'15.779748"	19.86146252	85.12104993
140	19°51'43.463700"	85°07'15.397932"	19.86207325	85.12094387
141	19°51'45.435060"	85°07'15.218940"	19.86262085	85.12089415
142	19°51'48.605760"	85°07'15.274200"	19.86350160	85.12090950
143	19°51'50.305896"	85°07'15.735576"	19.86397386	85.12103766
144	19°51'53.163648"	85°07'14.901312"	19.86476768	85.12080592
145	19°51'55.896372"	85°07'14.544912"	19.86552677	85.12070692
146	19°51'58.654152"	85°07'13.252548"	19.86629282	85.12034793
147	19°52'1.418664"	85°07'11.764056"	19.86706074	85.11993446
148	19°52'5.326644"	85°07'9.876540"	19.86814629	85.11941015
149	19°52'9.108408"	85°07'7.249260"	19.86919678	85.11868035
150	19°52'12.415296"	85°07'4.984104"	19.87011536	85.11805114
151	19°52'15.178800"	85°07'3.097200"	19.87088300	85.11752700
152	19°52'16.689972"	85°07'1.649028"	19.87130277	85.11712473
153	19°52'19.440372"	85°07'1.154028"	19.87206677	85.11698723
154	19°52'21.502236"	85°07'1.215984"	19.87263951	85.11700444
155	19°52'25.459932"	85°07'1.350120"	19.87373887	85.11704170
156	19°52'28.141824"	85°06'59.787900"	19.87448384	85.11660775
157	19°52'30.274320"	85°07'2.478324"	19.87507620	85.11735509
158	19°52'32.430900"	85°07'5.208924"	19.87567525	85.11811359
159	19°52'33.819564"	85°07'9.502932"	19.87606099	85.11930637
160	19°52'35.636304"	85°07'14.313000"	19.87656564	85.12064250
161	19°52'35.440680"	85°07'17.647644"	19.87651130	85.12156879
162	19°52'35.796576"	85°07'21.421596"	19.87661016	85.12261711
163	19°52'35.419584"	85°07'25.376592"	19.87650544	85.12371572
164	19°52'34.118004"	85°07'29.314632"	19.87614389	85.12480962
165	19°52'33.578400"	85°07'32.892420"	19.87599400	85.12580345
166	19°52'33.336516"	85°07'35.623740"	19.87592681	85.12656215
167	19°52'34.652388"	85°07'35.169024"	19.87629233	85.12643584
168	19°52'38.899776"	85°07'35.012676"	19.87747216	85.12639241

Pillar No	Latitude(DMS)	Longitude(DMS)	Latitude(DD)	Longitude(DD)
169	19°52'41.330424"	85°07'37.310844"	19.87814734	85.12703079
170	19°52'45.590484"	85°07'40.635660"	19.87933069	85.12795435
171	19°52'48.080064"	85°07'42.466116"	19.88002224	85.12846281
172	19°52'49.747260"	85°07'42.197916"	19.88048535	85.12838831
173	19°52'52.816764"	85°07'48.589536"	19.88133799	85.13016376
174	19°52'56.990280"	85°07'54.994404"	19.88249730	85.13194289
175	19°52'58.890288"	85°07'58.142568"	19.88302508	85.13281738
176	19°53'1.690296"	85°08'2.532300"	19.88380286	85.13403675
177	19°53'4.434360"	85°08'6.361188"	19.88456510	85.13510033
178	19°53'5.958492"	85°08'7.731060"	19.88498847	85.13548085
179	19°53'7.313856"	85°08'9.652344"	19.88536496	85.13601454
180	19°53'7.668780"	85°08'12.202620"	19.88546355	85.13672295
181	19°53'7.626984"	85°08'15.015084"	19.88545194	85.13750419
182	19°53'8.008800"	85°08'19.184172"	19.88555800	85.13866227
183	19°53'8.294784"	85°08'20.389956"	19.88563744	85.13899721
184	19°53'9.867984"	85°08'24.101556"	19.88607444	85.14002821
185	19°53'10.784076"	85°08'27.357216"	19.88632891	85.14093256
186	19°53'11.347080"	85°08'30.737976"	19.88648530	85.14187166
187	19°53'12.050124"	85°08'31.940628"	19.88668059	85.14220573
188	19°53'13.463484"	85°08'33.581184"	19.88707319	85.14266144
189	19°53'15.435384"	85°08'34.509912"	19.88762094	85.14291942
190	19°53'16.119384"	85°08'35.632860"	19.88781094	85.14323135
191	19°53'16.752624"	85°08'34.620720"	19.88798684	85.14295020
192	19°53'17.672532"	85°08'34.799460"	19.88824237	85.14299985
193	19°53'23.017848"	85°08'34.565352"	19.88972718	85.14293482
194	19°53'27.718440"	85°08'35.921832"	19.89103290	85.14331162
195	19°53'26.863584"	85°08'34.890576"	19.89079544	85.14302516
196	19°53'26.847600"	85°08'30.969564"	19.89079100	85.14193599
197	19°53'27.305268"	85°08'25.631160"	19.89091813	85.14045310
198	19°53'27.603600"	85°08'20.852340"	19.89100100	85.13912565
199	19°53'28.394520"	85°08'14.585640"	19.89122070	85.13738490
200	19°53'28.543164"	85°08'10.034340"	19.89126199	85.13612065
201	19°53'28.573764"	85°08'4.725564"	19.89127049	85.13464599
202	19°53'27.152484"	85°08'2.314140"	19.89087569	85.13397615
203	19°53'25.957860"	85°08'0.674160"	19.89054385	85.13352060
204	19°53'24.162828"	85°07'58.270512"	19.89004523	85.13285292
205	19°53'23.743572"	85°07'56.537796"	19.88992877	85.13237161
206	19°53'23.995464"	85°07'52.869108"	19.88999874	85.13135253
207	19°53'24.166068"	85°07'50.352492"	19.89004613	85.13065347
208	19°53'24.448740"	85°07'47.034804"	19.89012465	85.12973189
209	19°53'26.261304"	85°07'47.204796"	19.89062814	85.12977911
210	19°53'27.866904"	85°07'47.821440"	19.89107414	85.12995040
211	19°53'31.180992"	85°07'48.108468"	19.89199472	85.13003013
212	19°53'35.477160"	85°07'47.942652"	19.89318810	85.12998407
213	19°53'39.067944"	85°07'50.647584"	19.89418554	85.13073544

Pillar No	Latitude(DMS)	Longitude(DMS)	Latitude(DD)	Longitude(DD)
214	19°53'40.948836"	85°07'52.156380"	19.89470801	85.13115455
215	19°53'47.421636"	85°07'54.093828"	19.89650601	85.13169273
216	19°53'50.133336"	85°07'55.190064"	19.89725926	85.13199724
217	19°53'51.737748"	85°07'56.252424"	19.89770493	85.13229234
218	19°53'54.529656"	85°08'2.316624"	19.89848046	85.13397684
219	19°53'56.077188"	85°08'6.944964"	19.89891033	85.13526249
220	19°53'56.371848"	85°08'8.826504"	19.89899218	85.13578514
221	19°53'57.260832"	85°08'11.500008"	19.89923912	85.13652778
222	19°53'59.879328"	85°08'11.025492"	19.89996648	85.13639597
223	19°54'3.283668"	85°08'10.050828"	19.90091213	85.13612523
224	19°54'4.804560"	85°08'7.934532"	19.90133460	85.13553737
225	19°54'6.043068"	85°08'6.812196"	19.90167863	85.13522561
226	19°54'7.866864"	85°08'4.553808"	19.90218524	85.13459828
227	19°54'11.556792"	85°08'3.195348"	19.90321022	85.13422093
228	19°54'14.739228"	85°08'1.918320"	19.90409423	85.13386620
229	19°54'18.305784"	85°08'1.890168"	19.90508494	85.13385838
230	19°54'19.823220"	85°08'2.665032"	19.90550645	85.13407362
231	19°54'21.667140"	85°08'5.104500"	19.90601865	85.13475125
232	19°54'24.775776"	85°08'5.877312"	19.90688216	85.13496592
233	19°54'28.028952"	85°08'6.628128"	19.90778582	85.13517448
234	19°54'28.892880"	85°08'8.285136"	19.90802580	85.13563476
235	19°54'28.842912"	85°08'12.970212"	19.90801192	85.13693617
236	19°54'30.571452"	85°08'12.605460"	19.90849207	85.13683485
237	19°54'34.166628"	85°08'11.801400"	19.90949073	85.13661150
238	19°54'37.451196"	85°08'12.286932"	19.91040311	85.13674637
239	19°54'38.061360"	85°08'16.100880"	19.91057260	85.13780580
240	19°54'38.217240"	85°08'21.216120"	19.91061590	85.13922670
241	19°54'39.783636"	85°08'22.245360"	19.91105101	85.13951260
242	19°54'42.868440"	85°08'22.902648"	19.91190790	85.13969518
243	19°54'44.494884"	85°08'24.116496"	19.91235969	85.14003236
244	19°54'44.620164"	85°08'27.222216"	19.91239449	85.14089506
245	19°54'45.853092"	85°08'28.492620"	19.91273697	85.14124795
246	19°54'50.714712"	85°08'28.588812"	19.91408742	85.14127467
247	19°54'52.334784"	85°08'29.449752"	19.91453744	85.14151382
248	19°54'52.337952"	85°08'33.692784"	19.91453832	85.14269244
249	19°54'52.428780"	85°08'35.685744"	19.91456355	85.14324604
250	19°54'51.955992"	85°08'38.002344"	19.91443222	85.14388954
251	19°54'52.709436"	85°08'38.766408"	19.91464151	85.14410178
252	19°54'54.273168"	85°08'38.736348"	19.91507588	85.14409343

*** END of Statement***