

**Kosar Dongergaon Coal Block Summary  
PART A**

| Sr. No                            | Features                        | Details  |
|-----------------------------------|---------------------------------|--|
| <b>1. Location</b>                |                                 |  |
|                                   | Coal Block                      | Kosar Dongergaon Coal Block  |
|                                   | Latitude                        | 19° 51' 29" N - 19° 52' 35" N (Provisional)  |
|                                   | Longitude                       | 78° 49' 27" E - 78° 51' 41" E (Provisional)  |
|                                   | Topo Sheet No.                  | SOI Toposheet No. 56 I/13  |
|                                   | Coalfield                       | Wardha Valley Coalfield  |
|                                   | Villages                        | Kosara, Dongargaon   |
|                                   | Tehsil/Taluka                   | Zhari-Jamni Tahshil  |
|                                   | District                        | Yavatmal   |
|                                   | State                           | Maharashtra  |
| <b>2. Connectivity with Block</b> |                                 |  |
|                                   | Nearest Rail Head               |  |
|                                   | Road                            | The road connectivity is somewhat poor in the block. The Area can be reached by four wheelers mainly during fair seasons.                                  |
|                                   | Airport                         | Nagpur airport   |
| <b>3. Area</b>                    |                                 |  |
|                                   | Geological Block Area           | As per GR: 4.5 sq.km. approx...<br>As per Shapefile: 4.98 sq.km. (In WGS84 Datum) approx...  |
|                                   | Forest Area                     | 1% (As per FSI Map)  |
|                                   | Non-Forest Area                 | 99% (As per FSI Map)   |
| <b>4. Climate and Topography</b>  |                                 |  |
|                                   | Average Annual Rainfall         | Average rainfall is 1200mm.  |
|                                   | Temperature (Min. — Max.)       | Average temperature during winter is 28°C. Maximum temperature during summer is 47°C.  |
|                                   | Local Surface Drainage Channels | The block is not drained by any perennial streams. However, the area is crossed by number of small seasonal nallahs originating from southern high grounds |
|                                   | Rivers                          | Number of small seasonal nallahs   |
| <b>5. Exploration</b>             |                                 |  |
|                                   | Status                          | Explored   |
|                                   | Exploration Agency              | DGM Maharashtra  |

|            |   |   |                 |                           |           |       |       |
|------------|---|---|-----------------|---------------------------|-----------|-------|-------|
|            | Total Number of Boreholes with meterage       | 62 boreholes and 10544.76m  |                 |                           |           |       |       |
|            | Borehole Density                              | Approx. 12 boreholes per sq. km.  |                 |                           |           |       |       |
|            | General Dip of Seams                          | Pengangas: Southerly dip of 6° - 12°<br>Barakars: Northerly dips of 10° - 20°<br>Kamthis: Northerly dips of 15° - 20° |                 |                           |           |       |       |
|            | General Strike Direction                      | Pengangas: NW - SE<br>Barakars: WNW – ESE to E -W<br>Kamthis: E -W  |                 |                           |           |       |       |
| <b>6.</b>  | <b>Coal Seams &amp; Reserve</b>               |   |                 |                           |           |       |       |
|            | Coal Seams                                    | Thickness Range (m)   | Depth Range (m) | Geological Resources (Mt) |           |       | Grade |
|            |   |   |                 | Proved                    | Indicated | Total |       |
|            | Top Seam                                      | 1.07 – 4.44   | 44.29 – 250.28  |                           |           |       | C – G |
|            | Middle Seam                                   | 1.11 – 3.51   | 47.31 – 261.18  |                           |           |       | C – G |
|            | Bottom Seam                                   | 0.20 – 0.58   |                 |                           |           |       |       |
|            | TOTAL   |   |                 | 11.02                     | 11.59     | 22.61 |       |
| <b>7.</b>  | <b>Surface Constraints</b>                    | NA  |                 |                           |           |       |       |
| <b>8.</b>  | <b>Grade of coal</b>                          | G10 (Provisional) based on weighted average grade as per grade-wise data available in GR.                             |                 |                           |           |       |       |
| <b>9.</b>  | <b>Decision Support System (DSS) Analysis</b> | Wildlife Info: Great Indian Bustard   |                 |                           |           |       |       |
| <b>10.</b> | <b>Eco Sensitive Zone (ESZ) Analysis</b>      | Approx. 23 Km from Tipeswar WLS ESZ.  |                 |                           |           |       |       |

## PART B

| Sr. No.   | Features   | Details                         |
|-----------|--|---------------------------------|
| <b>1.</b> | <b>Previous Allocation</b>   |                                 |
|           | Name and Address of Allocatee  | <b>M/s Chaman Metaliks Ltd.</b> |
| <b>2.</b> | <b>Target Capacity as per Mining Plan</b>  | <b>0.3 MTY</b>                  |
| <b>3.</b> | <b>Status of Clearances/Approvals (As per information submitted by prior allottee)</b> |                                 |
|           | Mining Plan/ Mine Closure Plan   | <i>Approved</i>                 |
|           | Forest Clearance   | --                              |
|           | Environmental Clearance  | <i>Avaulable</i>                |
|           | Mining Lease   | <i>No</i>                       |
|           | Land Acquisition   | <i>No</i>                       |
|           | No. of PAFs  | --                              |
| <b>4.</b> | Surface Infrastructure already built, if any.  | <i>Nil</i>                      |

**Note:**

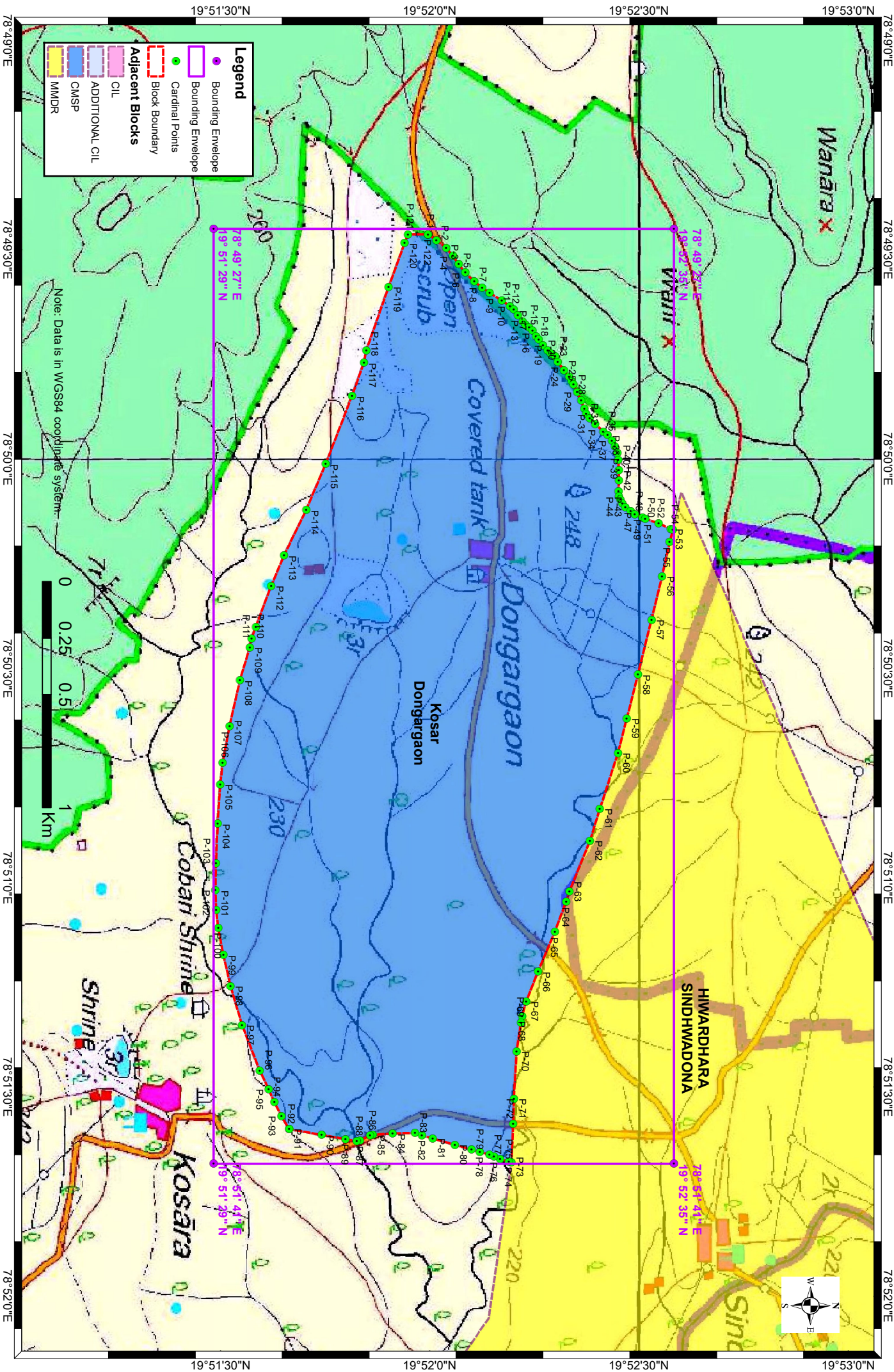
1. The above data is compiled from Geological Report, Mining Plan and the data furnished by the prior allottee in Annexure-I/II, as available. For clarifications with regard to above data, please refer aforesaid source documents.
2. The boundary of the block has been taken from GR after conversion to WGS84 system by feature matching. The block boundary is provisional and the cardinal points, bounding co-ordinates are approximate.
3. There is a difference in area in the shape file and GR. Area in the shape file is based on feature mapped plan of the block as given in the GR. So, the area is tentative and field DGPS survey is required to ascertain the exact area.

**Disclaimer:**

1. The analysis is done on Beta-version (Trial Version) of Decision Support System (DSS) of FSI/MOEF.
2. The Decision Rules for various parameters of this DSS System are controlled by FSI.
3. CMPDI only runs this DSS to obtain the status of any block based on these Decision Rules.
4. The database of the Decision Rules is updated by FSI from time to time.
5. CMPDI does not own any responsibility for variation in the results which are based on the decision Rules of the FSI DSS in case of any updation of the database at FSI end.
6. ESZ analysis and tiger habitat/ corridor given here is based on the information available in public domain. Bidders are encouraged to verify this information and any other information additionally available.

**Kosar Dongargaon Block, Wardha Valley Coalfield**

**FOR INTERNAL/RESTRICTED USE ONLY**



**Legend**

- Bounding Envelope
- Bounding Envelope
- Cardinal Points
- Block Boundary
- Adjacent Blocks
- CIL
- ADDITIONAL CIL
- CMSP
- MMDR

Note: Data is in WGS84 coordinate system.



**Provisional Cardinal Points for Kosar Dongargaon Block**

| POINT NO | Longitude (WGS84) | Latitude (WGS84)  |
|----------|-------------------|-------------------|
| P-1      | 78° 49' 27.788" E | 19° 51' 59.759" N |
| P-2      | 78° 49' 28.633" E | 19° 52' 0.959" N  |
| P-3      | 78° 49' 29.761" E | 19° 52' 2.350" N  |
| P-4      | 78° 49' 30.866" E | 19° 52' 3.313" N  |
| P-5      | 78° 49' 32.061" E | 19° 52' 4.146" N  |
| P-6      | 78° 49' 33.295" E | 19° 52' 5.089" N  |
| P-7      | 78° 49' 34.554" E | 19° 52' 6.382" N  |
| P-8      | 78° 49' 35.452" E | 19° 52' 7.533" N  |
| P-9      | 78° 49' 36.213" E | 19° 52' 8.616" N  |
| P-10     | 78° 49' 37.302" E | 19° 52' 10.325" N |
| P-11     | 78° 49' 38.097" E | 19° 52' 11.504" N |
| P-12     | 78° 49' 38.525" E | 19° 52' 12.027" N |
| P-13     | 78° 49' 39.403" E | 19° 52' 12.637" N |
| P-14     | 78° 49' 40.313" E | 19° 52' 13.322" N |
| P-15     | 78° 49' 40.742" E | 19° 52' 13.761" N |
| P-16     | 78° 49' 41.126" E | 19° 52' 14.231" N |
| P-17     | 78° 49' 41.619" E | 19° 52' 14.724" N |
| P-18     | 78° 49' 42.405" E | 19° 52' 15.249" N |
| P-19     | 78° 49' 42.856" E | 19° 52' 15.605" N |
| P-20     | 78° 49' 43.653" E | 19° 52' 16.257" N |
| P-21     | 78° 49' 44.461" E | 19° 52' 16.896" N |
| P-22     | 78° 49' 44.872" E | 19° 52' 17.367" N |
| P-23     | 78° 49' 45.301" E | 19° 52' 17.975" N |
| P-24     | 78° 49' 46.087" E | 19° 52' 18.376" N |
| P-25     | 78° 49' 47.273" E | 19° 52' 19.240" N |
| P-26     | 78° 49' 48.170" E | 19° 52' 19.980" N |
| P-27     | 78° 49' 48.814" E | 19° 52' 20.350" N |
| P-28     | 78° 49' 49.315" E | 19° 52' 20.617" N |
| P-29     | 78° 49' 50.403" E | 19° 52' 21.146" N |
| P-30     | 78° 49' 51.547" E | 19° 52' 21.699" N |
| P-31     | 78° 49' 52.819" E | 19° 52' 22.191" N |
| P-32     | 78° 49' 53.508" E | 19° 52' 22.434" N |
| P-33     | 78° 49' 54.166" E | 19° 52' 22.907" N |
| P-34     | 78° 49' 55.004" E | 19° 52' 23.709" N |
| P-35     | 78° 49' 56.049" E | 19° 52' 24.893" N |
| P-36     | 78° 49' 56.597" E | 19° 52' 25.509" N |
| P-37     | 78° 49' 57.376" E | 19° 52' 26.113" N |
| P-38     | 78° 49' 58.164" E | 19° 52' 26.545" N |
| P-39     | 78° 49' 59.178" E | 19° 52' 26.895" N |
| P-40     | 78° 50' 0.151" E  | 19° 52' 27.045" N |
| P-41     | 78° 50' 1.618" E  | 19° 52' 27.114" N |
| P-42     | 78° 50' 3.091" E  | 19° 52' 27.121" N |
| P-43     | 78° 50' 4.660" E  | 19° 52' 27.066" N |
| P-44     | 78° 50' 5.381" E  | 19° 52' 27.136" N |
| P-45     | 78° 50' 5.807" E  | 19° 52' 27.347" N |
| P-46     | 78° 50' 6.342" E  | 19° 52' 27.614" N |
| P-47     | 78° 50' 6.897" E  | 19° 52' 28.051" N |

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| POINT NO | Longitude (WGS84) | Latitude (WGS84)  |
|----------|-------------------|-------------------|
| P-48     | 78° 50' 7.503" E  | 19° 52' 28.817" N |
| P-49     | 78° 50' 7.926" E  | 19° 52' 29.408" N |
| P-50     | 78° 50' 8.432" E  | 19° 52' 30.505" N |
| P-51     | 78° 50' 8.577" E  | 19° 52' 30.882" N |
| P-52     | 78° 50' 9.202" E  | 19° 52' 32.815" N |
| P-53     | 78° 50' 10.024" E | 19° 52' 34.563" N |
| P-54     | 78° 50' 10.161" E | 19° 52' 34.862" N |
| P-55     | 78° 50' 11.927" E | 19° 52' 34.407" N |
| P-56     | 78° 50' 16.796" E | 19° 52' 33.302" N |
| P-57     | 78° 50' 23.028" E | 19° 52' 31.799" N |
| P-58     | 78° 50' 30.904" E | 19° 52' 29.852" N |
| P-59     | 78° 50' 37.157" E | 19° 52' 28.259" N |
| P-60     | 78° 50' 42.109" E | 19° 52' 26.991" N |
| P-61     | 78° 50' 50.127" E | 19° 52' 24.398" N |
| P-62     | 78° 50' 54.701" E | 19° 52' 22.985" N |
| P-63     | 78° 51' 1.999" E  | 19° 52' 20.004" N |
| P-64     | 78° 51' 3.438" E  | 19° 52' 19.541" N |
| P-65     | 78° 51' 7.755" E  | 19° 52' 17.922" N |
| P-66     | 78° 51' 13.459" E | 19° 52' 15.519" N |
| P-67     | 78° 51' 17.725" E | 19° 52' 13.823" N |
| P-68     | 78° 51' 19.815" E | 19° 52' 13.240" N |
| P-69     | 78° 51' 20.740" E | 19° 52' 13.086" N |
| P-70     | 78° 51' 24.887" E | 19° 52' 12.476" N |
| P-71     | 78° 51' 31.654" E | 19° 52' 12.065" N |
| P-72     | 78° 51' 35.303" E | 19° 52' 11.979" N |
| P-73     | 78° 51' 40.750" E | 19° 52' 11.722" N |
| P-74     | 78° 51' 40.681" E | 19° 52' 11.332" N |
| P-75     | 78° 51' 40.342" E | 19° 52' 10.108" N |
| P-76     | 78° 51' 39.972" E | 19° 52' 9.219" N  |
| P-77     | 78° 51' 39.680" E | 19° 52' 8.540" N  |
| P-78     | 78° 51' 39.279" E | 19° 52' 7.168" N  |
| P-79     | 78° 51' 38.935" E | 19° 52' 5.991" N  |
| P-80     | 78° 51' 38.251" E | 19° 52' 3.608" N  |
| P-81     | 78° 51' 37.363" E | 19° 52' 0.428" N  |
| P-82     | 78° 51' 36.895" E | 19° 51' 58.862" N |
| P-83     | 78° 51' 36.548" E | 19° 51' 57.886" N |
| P-84     | 78° 51' 36.663" E | 19° 51' 54.699" N |
| P-85     | 78° 51' 36.835" E | 19° 51' 51.809" N |
| P-86     | 78° 51' 36.946" E | 19° 51' 51.445" N |
| P-87     | 78° 51' 37.657" E | 19° 51' 49.981" N |
| P-88     | 78° 51' 37.751" E | 19° 51' 49.535" N |
| P-89     | 78° 51' 37.452" E | 19° 51' 47.899" N |
| P-90     | 78° 51' 36.862" E | 19° 51' 44.498" N |
| P-91     | 78° 51' 36.007" E | 19° 51' 39.846" N |
| P-92     | 78° 51' 36.006" E | 19° 51' 39.837" N |
| P-93     | 78° 51' 34.153" E | 19° 51' 38.720" N |
| P-94     | 78° 51' 32.193" E | 19° 51' 37.735" N |

**Provisional Cardinal Points for Kosar Dongargaon Block**

| POINT NO | Longitude (WGS84) | Latitude (WGS84)  |
|----------|-------------------|-------------------|
| P-95     | 78° 51' 30.341" E | 19° 51' 36.921" N |
| P-96     | 78° 51' 27.632" E | 19° 51' 35.636" N |
| P-97     | 78° 51' 21.089" E | 19° 51' 33.081" N |
| P-98     | 78° 51' 15.528" E | 19° 51' 31.441" N |
| P-99     | 78° 51' 11.073" E | 19° 51' 30.413" N |
| P-100    | 78° 51' 7.176" E  | 19° 51' 29.664" N |
| P-101    | 78° 51' 4.627" E  | 19° 51' 29.385" N |
| P-102    | 78° 51' 1.736" E  | 19° 51' 29.278" N |
| P-103    | 78° 50' 57.967" E | 19° 51' 29.364" N |
| P-104    | 78° 50' 52.271" E | 19° 51' 29.599" N |
| P-105    | 78° 50' 46.628" E | 19° 51' 29.976" N |
| P-106    | 78° 50' 43.501" E | 19° 51' 30.319" N |
| P-107    | 78° 50' 38.340" E | 19° 51' 31.283" N |
| P-108    | 78° 50' 31.723" E | 19° 51' 32.782" N |
| P-109    | 78° 50' 26.969" E | 19° 51' 34.195" N |
| P-110    | 78° 50' 25.735" E | 19° 51' 34.470" N |
| P-111    | 78° 50' 24.022" E | 19° 51' 35.070" N |
| P-112    | 78° 50' 18.176" E | 19° 51' 37.265" N |
| P-113    | 78° 50' 13.824" E | 19° 51' 39.112" N |
| P-114    | 78° 50' 7.282" E  | 19° 51' 42.292" N |
| P-115    | 78° 50' 0.708" E  | 19° 51' 45.076" N |
| P-116    | 78° 49' 50.970" E | 19° 51' 48.852" N |
| P-117    | 78° 49' 46.195" E | 19° 51' 50.565" N |
| P-118    | 78° 49' 44.439" E | 19° 51' 50.907" N |
| P-119    | 78° 49' 35.359" E | 19° 51' 54.098" N |
| P-120    | 78° 49' 29.060" E | 19° 51' 56.400" N |
| P-121    | 78° 49' 27.814" E | 19° 51' 56.867" N |