



| Table-I (Tinpatli)                                                     |                  |                   |       | Table-II (Tinpatli)                                |                   |               |          |
|------------------------------------------------------------------------|------------------|-------------------|-------|----------------------------------------------------|-------------------|---------------|----------|
| List of Geographical Co-ordinates (in WGS 84) of Pillars Along CA Land |                  |                   |       | Distance and Bearing Between Pillars Along CA Land |                   |               |          |
| Name                                                                   | WGS84 Latitude   | WGS84 Longitude   | Name  | WGS84 Latitude                                     | WGS84 Longitude   | Traverse Line | Distance |
| TP1                                                                    | 24° 8' 2.179" N  | 86° 24' 59.328" E | TP62  | 24° 7' 54.415" N                                   | 86° 25' 10.659" E | TP1-TP2       | 76.46    |
| TP2                                                                    | 24° 8' 3.423" N  | 86° 25' 1.674" E  | TP63  | 24° 7' 56.273" N                                   | 86° 25' 10.472" E | TP2-TP3       | 42.27    |
| TP3                                                                    | 24° 8' 3.382" N  | 86° 25' 3.171" E  | TP64  | 24° 7' 59.260" N                                   | 86° 25' 10.985" E | TP3-TP4       | 104.22   |
| TP4                                                                    | 24° 8' 0.147" N  | 86° 25' 4.268" E  | TP65  | 24° 8' 0.073" N                                    | 86° 25' 12.143" E | TP4-TP5       | 99.01    |
| TP5                                                                    | 24° 7' 58.993" N | 86° 25' 0.994" E  | TP66  | 24° 8' 2.571" N                                    | 86° 25' 19.914" E | TP5-TP6       | 99.03    |
| TP6                                                                    | 24° 7' 59.937" N | 86° 25' 4.348" E  | TP67  | 24° 8' 2.983" N                                    | 86° 25' 22.006" E | TP6-TP7       | 8.39     |
| TP7                                                                    | 24° 7' 59.683" N | 86° 25' 4.450" E  | TP68  | 24° 8' 2.612" N                                    | 86° 25' 23.559" E | TP7-TP8       | 101.09   |
| TP8                                                                    | 24° 8' 0.107" N  | 86° 25' 8.002" E  | TP69  | 24° 8' 1.535" N                                    | 86° 25' 23.132" E | TP8-TP9       | 92.95    |
| TP9                                                                    | 24° 7' 57.101" N | 86° 25' 7.668" E  | TP70  | 24° 7' 57.258" N                                   | 86° 25' 23.586" E | TP9-TP10      | 65.67    |
| TP10                                                                   | 24° 7' 55.336" N | 86° 25' 8.979" E  | TP71  | 24° 7' 55.253" N                                   | 86° 25' 22.358" E | TP10-TP11     | 88.76    |
| TP11                                                                   | 24° 7' 52.516" N | 86° 25' 9.648" E  | TP72  | 24° 7' 56.871" N                                   | 86° 25' 19.713" E | TP11-TP12     | 57.77    |
| TP12                                                                   | 24° 7' 52.979" N | 86° 25' 7.664" E  | TP73  | 24° 7' 58.832" N                                   | 86° 25' 19.188" E | TP12-TP13     | 64.63    |
| TP13                                                                   | 24° 7' 51.891" N | 86° 25' 5.705" E  | TP74  | 24° 7' 59.006" N                                   | 86° 25' 16.981" E | TP13-TP14     | 34.81    |
| TP14                                                                   | 24° 7' 52.394" N | 86° 25' 4.501" E  | TP75  | 24° 7' 57.564" N                                   | 86° 25' 31.953" E | TP14-TP15     | 43.52    |
| TP15                                                                   | 24° 7' 53.785" N | 86° 25' 4.882" E  | TP76  | 24° 7' 56.210" N                                   | 86° 25' 34.540" E | TP15-TP16     | 35.25    |
| TP16                                                                   | 24° 7' 54.297" N | 86° 25' 3.765" E  | TP77  | 24° 7' 55.058" N                                   | 86° 25' 34.973" E | TP16-TP17     | 102.46   |
| TP17                                                                   | 24° 7' 57.340" N | 86° 25' 2.286" E  | TP78  | 24° 7' 53.873" N                                   | 86° 25' 37.769" E | TP17-TP18     | 49.23    |
| TP18                                                                   | 24° 7' 55.827" N | 86° 25' 1.716" E  | TP79  | 24° 7' 52.150" N                                   | 86° 25' 36.788" E | TP18-TP19     | 91.25    |
| TP19                                                                   | 24° 7' 53.170" N | 86° 25' 3.154" E  | TP80  | 24° 7' 45.902" N                                   | 86° 25' 37.283" E | TP19-TP20     | 62.17    |
| TP20                                                                   | 24° 7' 51.507" N | 86° 25' 5.887" E  | TP81  | 24° 7' 45.283" N                                   | 86° 25' 43.224" E | TP20-TP21     | 112.66   |
| TP21                                                                   | 24° 7' 47.715" N | 86° 25' 1.850" E  | TP82  | 24° 7' 48.391" N                                   | 86° 25' 33.838" E | TP21-TP22     | 52.13    |
| TP22                                                                   | 24° 7' 46.082" N | 86° 25' 2.345" E  | TP83  | 24° 7' 51.892" N                                   | 86° 25' 33.288" E | TP22-TP23     | 91.33    |
| TP23                                                                   | 24° 7' 43.302" N | 86° 25' 1.208" E  | TP84  | 24° 7' 55.819" N                                   | 86° 25' 33.330" E | TP23-TP24     | 58.76    |
| TP24                                                                   | 24° 7' 45.059" N | 86° 25' 0.389" E  | TP85  | 24° 7' 56.291" N                                   | 86° 25' 31.617" E | TP24-TP25     | 104.18   |
| TP25                                                                   | 24° 7' 48.444" N | 86° 25' 0.513" E  | TP86  | 24° 7' 42.653" N                                   | 86° 25' 33.873" E | TP25-TP26     | 80.67    |
| TP26                                                                   | 24° 7' 50.160" N | 86° 24' 58.352" E | TP87  | 24° 7' 54.571" N                                   | 86° 25' 42.256" E | TP26-TP27     | 100.43   |
| TP27                                                                   | 24° 7' 53.401" N | 86° 25' 6.887" E  | TP88  | 24° 7' 41.585" N                                   | 86° 25' 37.286" E | TP27-TP28     | 67.96    |
| TP28                                                                   | 24° 7' 55.552" N | 86° 25' 0.354" E  | TP89  | 24° 7' 48.774" N                                   | 86° 25' 42.598" E | TP28-TP29     | 81.71    |
| TP29                                                                   | 24° 7' 58.170" N | 86° 25' 0.848" E  | TP90  | 24° 7' 49.218" N                                   | 86° 25' 39.675" E | TP29-TP30     | 20.81    |
| TP30                                                                   | 24° 7' 58.818" N | 86° 25' 1.059" E  | TP91  | 24° 7' 53.038" N                                   | 86° 25' 39.322" E | TP30-TP31     | 596.50   |
| TP31                                                                   | 24° 7' 39.971" N | 86° 25' 6.045" E  | TP92  | 24° 7' 41.397" N                                   | 86° 25' 28.827" E | TP31-TP32     | 44.53    |
| TP32                                                                   | 24° 7' 39.777" N | 86° 25' 7.608" E  | TP93  | 24° 7' 42.653" N                                   | 86° 25' 31.816" E | TP32-TP33     | 37.63    |
| TP33                                                                   | 24° 7' 38.612" N | 86° 25' 7.203" E  | TP94  | 24° 7' 42.602" N                                   | 86° 25' 35.120" E | TP33-TP34     | 77.39    |
| TP34                                                                   | 24° 7' 36.116" N | 86° 25' 6.887" E  | TP95  | 24° 7' 41.585" N                                   | 86° 25' 37.286" E | TP34-TP35     | 58.76    |
| TP35                                                                   | 24° 7' 34.746" N | 86° 25' 5.594" E  | TP96  | 24° 7' 40.283" N                                   | 86° 25' 38.226" E | TP35-TP36     | 63.58    |
| TP36                                                                   | 24° 7' 34.761" N | 86° 25' 3.342" E  | TP97  | 24° 7' 39.265" N                                   | 86° 25' 40.693" E | TP36-TP37     | 109.93   |
| TP37                                                                   | 24° 7' 38.265" N | 86° 25' 4.109" E  | TP98  | 24° 7' 36.265" N                                   | 86° 25' 38.856" E | TP37-TP38     | 38.93    |
| TP38                                                                   | 24° 7' 39.159" N | 86° 25' 3.132" E  | TP99  | 24° 7' 37.801" N                                   | 86° 25' 37.320" E | TP38-TP39     | 82.06    |
| TP39                                                                   | 24° 7' 38.709" N | 86° 25' 5.997" E  | TP100 | 24° 7' 36.452" N                                   | 86° 25' 33.873" E | TP39-TP40     | 714.11   |
| TP40                                                                   | 24° 8' 1.148" N  | 86° 25' 12.498" E | TP101 | 24° 7' 38.235" N                                   | 86° 25' 29.733" E | TP40-TP41     | 38.10    |
| TP41                                                                   | 24° 8' 1.153" N  | 86° 25' 17.026" E | TP102 | 24° 7' 34.484" N                                   | 86° 25' 35.829" E | TP41-TP42     | 67.96    |
| TP42                                                                   | 24° 7' 59.047" N | 86° 25' 13.119" E | TP103 | 24° 7' 33.320" N                                   | 86° 25' 40.898" E | TP42-TP43     | 78.55    |
| TP43                                                                   | 24° 7' 57.912" N | 86° 25' 15.612" E | TP104 | 24° 7' 32.877" N                                   | 86° 25' 41.306" E | TP43-TP44     | 7.97     |
| TP44                                                                   | 24° 7' 57.821" N | 86° 25' 15.877" E | TP105 | 24° 7' 32.413" N                                   | 86° 25' 41.667" E | TP44-TP45     | 50.58    |
| TP45                                                                   | 24° 7' 57.083" N | 86° 25' 17.478" E | TP106 | 24° 7' 32.763" N                                   | 86° 25' 41.891" E | TP45-TP46     | 105.77   |
| TP46                                                                   | 24° 7' 56.601" N | 86° 25' 20.071" E | TP107 | 24° 7' 30.540" N                                   | 86° 25' 40.705" E | TP46-TP47     | 64.77    |
| TP47                                                                   | 24° 7' 53.815" N | 86° 25' 22.200" E | TP108 | 24° 7' 30.271" N                                   | 86° 25' 37.138" E | TP47-TP48     | 53.67    |
| TP48                                                                   | 24° 7' 49.588" N | 86° 25' 17.026" E | TP109 | 24° 7' 26.209" N                                   | 86° 25' 31.804" E | TP48-TP49     | 68.57    |
| TP49                                                                   | 24° 7' 52.015" N | 86° 25' 15.577" E | TP110 | 24° 7' 30.649" N                                   | 86° 25' 33.508" E | TP49-TP50     | 72.91    |
| TP50                                                                   | 24° 7' 49.892" N | 86° 25' 18.429" E | TP111 | 24° 7' 29.596" N                                   | 86° 25' 28.161" E | TP50-TP51     | 39.98    |
| TP51                                                                   | 24° 7' 48.676" N | 86° 25' 18.930" E | TP112 | 24° 7' 30.595" N                                   | 86° 25' 26.707" E | TP51-TP52     | 12.45    |
| TP52                                                                   | 24° 7' 48.410" N | 86° 25' 18.596" E | TP113 | 24° 7' 33.011" N                                   | 86° 25' 27.474" E | TP52-TP53     | 29.37    |
| TP53                                                                   | 24° 7' 49.016" N | 86° 25' 17.791" E | TP114 | 24° 7' 32.015" N                                   | 86° 25' 37.795" E | TP53-TP54     | 5.37     |
| TP54                                                                   | 24° 7' 49.122" N | 86° 25' 17.641" E | TP115 | 24° 7' 33.819" N                                   | 86° 25' 34.346" E | TP54-TP55     | 22.51    |
| TP55                                                                   | 24° 7' 49.588" N | 86° 25' 17.026" E | TP116 | 24° 7' 33.484" N                                   | 86° 25' 35.829" E | TP55-TP56     | 106.24   |
| TP56                                                                   | 24° 7' 47.032" N | 86° 25' 14.495" E | TP117 | 24° 7' 32.061" N                                   | 86° 25' 34.822" E | TP56-TP57     | 105.77   |
| TP57                                                                   | 24° 7' 50.281" N | 86° 25' 13.267" E | TP118 | 24° 7' 31.526" N                                   | 86° 25' 35.622" E | TP57-TP58     | 104.49   |
| TP58                                                                   | 24° 7' 53.337" N | 86° 25' 14.885" E | TP119 | 24° 7' 32.766" N                                   | 86° 25' 37.005" E | TP58-TP59     | 44.11    |
| TP59                                                                   | 24° 7' 52.877" N | 86° 25' 13.404" E | TP120 | 24° 7' 31.787" N                                   | 86° 25' 38.882" E | TP59-TP60     | 55.66    |
| TP60                                                                   | 24° 7' 54.016" N | 86° 25' 11.872" E | TP121 | 24° 7' 32.996" N                                   | 86° 25' 40.140" E | TP60-TP61     | 27.37    |
| TP61                                                                   | 24° 7' 53.652" N | 86° 25' 10.987" E | TP122 | 24° 7' 34.483" N                                   | 86° 25' 38.337" E | TP61-TP62     | 25.21    |

| Table: III (Tinpatli)                  |                                          |          |              |       |                  |                   |                      |
|----------------------------------------|------------------------------------------|----------|--------------|-------|------------------|-------------------|----------------------|
| Plot-wise location and area of CA Land |                                          |          |              |       |                  |                   |                      |
| Sl.No.                                 | Plot No.                                 | Village  | Forest range | Thana | District         | Net Area (in Ha.) | Perimeter (in Metre) |
| 1                                      | 2, 16, 104, 111, 144, 146, 233, 235, 252 | Tinpatli | Khurchuta    | 485   | Giridih (Gandey) | 30.58             | 9392.00              |
| Total                                  |                                          |          |              |       |                  | 30.58             | 9392.00              |

Customer

Central Coalfields Limited

Project

Preparation of Georeferenced Boundary Map of Proposed CA Land (2012.34 Ha) against Forest Land of (1006.17 Ha.) in Kotre Basantpur OCP, CCL

Job No.

064319138

Subject

Plan Showing CA Land at Village- Tinpatli Thana:Giridih(Gndey)-485 Forest Range: Khurchuta District: Giridih

Activity

Surveyed / Processed by

Name

S.Dutta

Designation

Sr.Surveyor(C)

Signature

Date

Checked by

S.Prasad

Ch. Manager(M)

Approved by

S.K.Dixit

GM (Geomatics)

Scale -

1:4000

Sheet No. 1 of 1

Drg No.

H|Q|S|&|D|N|2|0|0|1|5W

REV.

0

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