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**GEO-REFERENCED BOUNDARY MAP
(IN SHAPE FILE)
COMPENSATORY AFFORESTATION (CA) FOREST LAND (114.245 HA)
FOR CHHAL OC MINE (6MTY), RAIGARH AREA,
SOUTH EASTERN COALFIELDS LIMITED**



AUGUST-2020



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**GEO-REFERENCED BOUNDARY MAP (IN SHAPE FILE) OF COMPENSATORY
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FOR CHHAL OC MINE (6MTY), RAIGARH AREA,
SOUTH EASTERN COALFIELDS LIMITED**

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CD	CD	
I	Soft copy of shape files, KML files, PDF files in CD	



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**GEO-REFERENCED BOUNDARY MAP (IN SHAPE FILE) OF COMPENSATORY
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FOR CHHAL OC MINE (6MTY), RAIGARH AREA,
SOUTH EASTERN COALFIELDS LIMITED**

1.0 Introduction

Sub Area Manager, Chhal Sub Area, Raigarh Area, South Eastern Coalfields Limited (SECL) through letter number SECL/GM/RGH/2020/ 1264/3544 dated 21-08-2020, initiated a proposal to urgently conduct DGPS survey on 114.245 hectare compensatory afforestation (CA) forest land under Dharamjaigarh forest division allotted against 55.850 hectare deemed forest land diversion of Chhal OC Seam-III Project (6MTY). As per annual action plan for the year 2020-2021 (SECL/BSP/P&P/2020/NS-66 dated 27-03-2020) DGPS survey of forest land shall be done by CMPDI.

DGPS survey had been conducted in these forest lands at salient points shown by project officials. This report is being submitted along with shape files in geographical co-ordinate system in order to facilitate SECL to apply online. Soft copies of maps and shape files are given in CD for further necessary action by SECL. Copies of relevant documents such as original proposal and annual action plan are given as annexures.

The details of CA forest lands allotted by local forest officials as provided by Chhal OC mine authorities is tabulated below.

Table Showing Details of CA Forest Land Allotted to Chhal OC Mine							
SL	Division	Village	Range	COMP	Partition of Comp.	TYPE	AREA (Ha)
1	Dharamjaigarh	Saskoba	Bakaruma	99	99	PF	7.515
2	Dharamjaigarh	Rairuma	Bakaruma	101	101/1	PF	2.295
3	Dharamjaigarh	Rairuma	Bakaruma	101	101/2	PF	8.907
4	Dharamjaigarh	Rairuma	Bakaruma	101	101/3	PF	2.374
5	Dharamjaigarh	Rairuma	Bakaruma	101	101/4	PF	1.303
6	Dharamjaigarh	Potra	Lailunga	221	221/1	PF	3.455
7	Dharamjaigarh	Potra	Lailunga	221	221/2	PF	2.248
8	Dharamjaigarh	Kendatikra	Lailunga	222	222/1	PF	5.992
9	Dharamjaigarh	Kendatikra	Lailunga	222	222/2	PF	22.151
10	Dharamjaigarh	Sonajori	Lailunga	254	254/1	PF	12.965
11	Dharamjaigarh	Singhijhap	Chhal	498	498/1	PF	9.166
12	Dharamjaigarh	Singhijhap	Chhal	498	498/2	PF	3.218
13	Dharamjaigarh	Singhijhap	Chhal	498	498/3	PF	8.133
14	Dharamjaigarh	Singhijhap	Chhal	498	498/4	PF	6.522
Total							114.245

2.0 Background

In India thermal power stations play a vital role in production of electricity for energy security of the nation. Coal is the main input for these thermal power stations. With the growing concern for increasing power production, thrust is on increasing coal production on producing companies, such as SECL. Coal demand for other industrial and domestic consumption has also increased over the years.

In order to increase coal production, either existing mines are to be expanded or new mines are to be opened. Some portion of coal bearing area is falling in forest areas, for which forest clearance is required so that mining can be done in those areas.



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To check irrational exploitation of forest and to maintain ecological balance, Forest Conservation Act (FCA), 1980 was enacted. Under this act, no forest land can be used for non-forestry purpose without prior approval of central government.

Therefore, all proposals of diversion of such areas to any non-forest purpose can only be permitted by Government of India. The procedure for forest clearance envisaged under FCA act mandates a two stage approval process.

Stage I: Stage-I clearance is basically an in-principle forestry clearance is based on prima facie review of the application by the proposal is either accepted or rejected. If approved, the project authority is required to deposit an amount for compensation of opportunity cost of forest (NPV, compensatory afforestation, additional expenses towards mitigating probable environmental damage etc.)

Stage II: Following the deposit of above mentioned costs, forest land is handed over to project authorities provided they have obtained all other requisite clearances.

Revenue forest boundaries, in general, are marked on cadastral maps while the boundary of reserved forest land is demarcated with large forest pillars and shown on topo sheets. In most cases, the boundaries are demarcated on ground by allottee or project proponent, in collaboration with forest officials. At salient points along the boundary, pillaring / pegging is also done.

As per circular of MOEF, one of the pre-requisite for getting clearance of forest land to be diverted is a geo-referenced boundary map in shape file format of the desired forest land. The same procedure is applicable for CA land as well.

About 114.245 Ha deteriorated forest land falling in three ranges of Dharamjaigarh forest division have been allotted to Chhal OCM for afforestation purpose. The details of these forest patches are given the table above.

3.0 Location

Chhal OC mine is located in Raigarh Area of SECL. Nearest township is Raigarh. The compensatory afforestation forest lands identified for this project are located at Chhal, Lailunga & Bakaruma ranges of Dhramjaigarh forest division.

4.0 Scope of Services

The scope of services of CMPDI is limited to providing converted geographical co-ordinates of compensatory afforestation forest boundary after making DGPS & GPS observation at salient points located on the ground by SECL and forest officials.

5.0 Methodology

Execution of the work was planned on the basis of location provided by project officials. Differential global positioning system (DGPS) has been used for determining geographical co-ordinates of forest compartment boundary. A brief description of the DGPS system is given below.

The Global Positioning System (GPS) is a satellite-based location, timing and navigation system in all weather conditions, anywhere on or near the Earth where there is an unobstructed line of sight to four or more GPS satellites. Presently, 30 orbiting satellites of GPS constellation of USA and 24 GLONASS (*Globalnayanavigatsionnyasputnikovayasistema* or Global Navigation Satellite System) satellites of Russia are operational for the purpose of GPS survey. In addition to these primary GPS constellation, European space agency and Chinese have their own constellation such as Galileo and BeiDou respectively. India's prestigious GAGAN [GPS Aided Geo

Augmented Navigation (GAGAN) system] navigation system is also presently operational providing vital positional information to civil aviation and other industries.

The Global Positioning System is made up of three parts such as satellites orbiting Earth, control and monitoring stations on Earth and GPS receivers owned by users. GPS satellites transmit three types of information: the satellite's number, its position in space and time.

These signals are picked up by GPS receivers on ground. With signals from three or more satellites, a GPS receiver can triangulate its location on the ground (i.e., longitude and latitude) from known position of the satellites. With four or more satellites, a GPS receiver can determine a 3D position (i.e., latitude, longitude, and elevation). Differential global positioning system (DGPS) refers to using two or more GPS receivers to achieve greater positional accuracy. Basic methods of DGPS survey are Static, Rapid-Static, and Real-Time Kinematic (RTK).

Post-processed static survey is found to be most suitable for this work where one GPS receiver is used as base station and other GPS receivers are used as rover stations. Base receiver is stationed at a point of known co-ordinates for longer duration and rover stations are kept at unknown stations for comparatively shorter duration. Data from base and rovers are then post-processed in GPS data processing software, LeicaGeoOffice 8.2 version, to achieve sub-centimeter level accuracies. Dual-frequency GPS receivers provide most accurate results owing to their versatility.

This DGPS report is based on DGPS & GPS observations at salient points located in the boundary of this patch. ArcGIS 10.2 version software has been used for preparation of shape file of the forest patches in WGS84 co-ordinates.

6.0 Survey Instrument

For providing geographical (spherical) co-ordinates of the stations along the boundary, differential global positioning system (DGPS) consisting of one base receiver and a rover receiver were used. Brief specification of DGPS is tabulated below.

Table Showing Details of Survey Instrument Used in DGPS Survey		
A	DGPS Instrument:	
	Make	Leica
	Model	Viva
	Signal	GPS: L1,L2&L5 carrier, CA, L1P, L2P, L2C GLONASS: L1,L2&L5 carrier, L1CA,L2CA,L1P,L2P GALILEO: E2-L1-E1, E5, E6
	Channels	72
	Accuracy:	
	Post Processed Static DGPS	3mm +0.5ppm horizontal, 5mm + 0.5ppm vertical
	Real Time RTK	10mm + 1 ppm horizontal, 15mm + 1 ppm vertical
	Power:	
	Internal Battery	2 Li-Ion, 3900mAh, 7.2V
	Communication:	
	Bluetooth	Bluetooth standard 1.2
	USB	1.1 Version
B	DGPS Software	Inbuilt Leica software for data recording LeicaGeoOffice Version 8.3 for data processing
C	GPS Instrument	Stonex GPS Model S4H
D	GPS Software	Inbuilt Stonex Software for data recording GeoGIS Office Version 14.41 PLUS



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7.0 Details of Field Activity

DGPS observations were done at the following Survey Stations whose locations on ground were shown by Chhal OC mine & forest officials as given in the table below. All the three forest ranges fall under Dharamjaigarh forest division, CG Forest.

Point Id	Comp	Village	Range	Co-ordinates(WGS-84)	
				Latitude(DMS)	Longitude(DMS)
99/A	99	Saskoba	Bakaruma	22° 31' 43.33800" N	83° 22' 38.06600" E
99/B	99	Saskoba	Bakaruma	22° 31' 50.89200" N	83° 22' 40.75300" E
99/C	99	Saskoba	Bakaruma	22° 31' 44.81500" N	83° 22' 53.59300" E
101/A	101	Rairuma	Bakaruma	22° 30' 39.44500" N	83° 23' 55.15500" E
101/B	101	Rairuma	Bakaruma	22° 30' 27.80800" N	83° 24' 06.78000" E
101/C	101	Rairuma	Bakaruma	22° 30' 44.97100" N	83° 24' 12.09900" E
221/A	221	Potra	Lailunga	22° 25' 42.25300" N	83° 36' 39.31300" E
221/C	221	Potra	Lailunga	22° 25' 33.71200" N	83° 36' 47.53800" E
221/D	221	Potra	Lailunga	22° 25' 41.18800" N	83° 36' 45.64100" E
222/A	222	Kendatikra	Lailunga	22° 24' 50.80000" N	83° 37' 24.17800" E
222/B	222	Kendatikra	Lailunga	22° 25' 01.22300" N	83° 37' 06.23300" E
222/C	222	Kendatikra	Lailunga	22° 24' 52.77800" N	83° 37' 01.27800" E
222/D	222	Kendatikra	Lailunga	22° 24' 47.97600" N	83° 37' 08.95900" E
222/E	222	Kendatikra	Lailunga	22° 24' 19.64700" N	83° 36' 16.41900" E
222/F	222	Kendatikra	Lailunga	22° 24' 12.22000" N	83° 36' 59.02700" E
254/1	254	Sonajori	Lailunga	22° 20' 41.54730" N	83° 42' 21.22592" E
254/2	254	Sonajori	Lailunga	22° 20' 41.06000" N	83° 42' 21.48100" E
254/3	254	Sonajori	Lailunga	22° 20' 33.61347" N	83° 42' 19.79328" E
254/4	254	Sonajori	Lailunga	22° 20' 35.53339" N	83° 42' 23.50738" E
254/5	254	Sonajori	Lailunga	22° 20' 35.07099" N	83° 42' 36.39980" E
254/6	254	Sonajori	Lailunga	22° 20' 40.79400" N	83° 42' 38.07400" E
254/7	254	Sonajori	Lailunga	22° 20' 46.79718" N	83° 42' 17.68294" E
254/8	254	Sonajori	Lailunga	22° 20' 45.38931" N	83° 42' 16.54087" E
498/1	498	Singhijhap	Chhal	22° 08' 10.71100" N	83° 12' 06.19600" E
498/1	498	Singhijhap	Chhal	22° 08' 10.71100" N	83° 12' 06.19600" E
498/10	498	Singhijhap	Chhal	22° 08' 43.39100" N	83° 12' 08.71600" E
498/11	498	Singhijhap	Chhal	22° 08' 33.34400" N	83° 12' 09.03500" E
498/12	498	Singhijhap	Chhal	22° 08' 27.83900" N	83° 12' 09.43000" E
498/13	498	Singhijhap	Chhal	22° 08' 14.64200" N	83° 12' 09.59700" E
498/14	498	Singhijhap	Chhal	22° 08' 08.31400" N	83° 12' 13.75700" E
498/15	498	Singhijhap	Chhal	22° 08' 06.47900" N	83° 12' 32.79900" E
498/16	498	Singhijhap	Chhal	22° 08' 04.21600" N	83° 12' 32.99200" E
498/17	498	Singhijhap	Chhal	22° 08' 00.36900" N	83° 12' 28.91800" E
498/18	498	Singhijhap	Chhal	22° 07' 57.56400" N	83° 12' 23.40100" E
498/19	498	Singhijhap	Chhal	22° 07' 56.04800" N	83° 12' 17.55100" E
498/2	498	Singhijhap	Chhal	22° 08' 14.37700" N	83° 12' 02.04000" E
498/20	498	Singhijhap	Chhal	22° 07' 59.19800" N	83° 12' 14.06200" E
498/21	498	Singhijhap	Chhal	22° 08' 02.60600" N	83° 12' 13.47700" E
498/22	498	Singhijhap	Chhal	22° 08' 08.18500" N	83° 12' 10.18700" E
498/3	498	Singhijhap	Chhal	22° 08' 16.74200" N	83° 12' 03.93900" E
498/4	498	Singhijhap	Chhal	22° 08' 18.23000" N	83° 12' 04.68600" E
498/4	498	Singhijhap	Chhal	22° 08' 18.23000" N	83° 12' 04.68500" E
498/5	498	Singhijhap	Chhal	22° 08' 24.50100" N	83° 12' 03.75400" E
498/6	498	Singhijhap	Chhal	22° 08' 29.80900" N	83° 12' 05.77000" E
498/7	498	Singhijhap	Chhal	22° 08' 37.21400" N	83° 12' 07.00200" E
498/8	498	Singhijhap	Chhal	22° 08' 38.69700" N	83° 12' 04.32600" E
498/8	498	Singhijhap	Chhal	22° 08' 38.69700" N	83° 12' 04.32600" E
498/9	498	Singhijhap	Chhal	22° 08' 46.66200" N	83° 12' 07.95300" E
498/9	498	Singhijhap	Chhal	22° 08' 42.75800" N	83° 12' 03.60100" E
500/1	500	Singhijhap	Chhal	22° 08' 40.62200" N	83° 13' 09.15500" E



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Point Id	Comp	Village	Range	Co-ordinates(WGS-84)	
				Latitude(DMS)	Longitude(DMS)
500/1	500	Singhijhap	Chhal	22° 08' 40.62200" N	83° 13' 09.15500" E
500/2	500	Singhijhap	Chhal	22° 08' 39.60900" N	83° 13' 16.77000" E
500/3	500	Singhijhap	Chhal	22° 08' 36.84400" N	83° 13' 16.21200" E
500/4	500	Singhijhap	Chhal	22° 08' 43.89700" N	83° 13' 28.16400" E
500/4	500	Singhijhap	Chhal	22° 08' 37.46600" N	83° 13' 31.79800" E
500/5	500	Singhijhap	Chhal	22° 08' 43.71900" N	83° 13' 30.71200" E
500/6	500	Singhijhap	Chhal	22° 08' 43.89700" N	83° 13' 28.16400" E
500/7	500	Singhijhap	Chhal	22° 08' 44.78000" N	83° 13' 21.09700" E
500/8	500	Singhijhap	Chhal	22° 08' 45.36400" N	83° 13' 07.42900" E
500/9	500	Singhijhap	Chhal	22° 08' 17.24700" N	83° 13' 24.13000" E

8.0 Computation

Data from Leica DGPS is downloaded and processed in Leica Geo-office software. Data from Stonex GPS is downloaded and processed in GeoGisOffice software. The co-ordinates of other boundary pillars/ pegs are then transformed in ArcGIS to generate final boundary coordinates of all the points in WGS84. The geodetic / geographical co-ordinates along forest boundary of the forest patches in all the three ranges of Dharamjaigarh forest division is given in Table-I. Individual boundary points of the three ranges are also given in the corresponding maps

9.0 Documents Submitted

Following documents are submitted along with this report:

1. Dwg No: CMPDI/RI5/BSP/GEOM/2020/DGPS/75 (In four sheets namely 1,2,3,4)
2. Soft copy of shape files & kml files in CD.



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TABLE-I

**LIST OF GEOGRAPHICAL COORDINATES IN WGS84
CA FOREST LAND (114.245HA)
CHHAL OC MINE, RAIGARH AREA**

FID	COMP NO	VILLAGE	RANGE	AREA (HA)	LATITUDE (DMS)	LONGITUDE (DMS)
0	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 43.261" N	83° 22' 38.039" E
1	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 42.961" N	83° 22' 37.239" E
2	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 43.561" N	83° 22' 35.639" E
3	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 46.361" N	83° 22' 36.836" E
4	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 50.761" N	83° 22' 40.133" E
5	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 48.761" N	83° 22' 42.335" E
6	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 45.260" N	83° 22' 47.039" E
7	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 44.860" N	83° 22' 50.540" E
8	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 44.660" N	83° 22' 53.540" E
9	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 43.193" N	83° 22' 56.976" E
10	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 41.726" N	83° 23' 0.411" E
11	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 40.259" N	83° 23' 3.846" E
12	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 38.959" N	83° 23' 3.847" E
13	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 38.259" N	83° 23' 3.447" E
14	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 37.759" N	83° 23' 3.248" E
15	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 37.159" N	83° 23' 4.249" E
16	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 36.559" N	83° 23' 3.649" E
17	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 37.159" N	83° 23' 2.048" E
18	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 37.559" N	83° 23' 1.248" E
19	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 37.059" N	83° 23' 0.948" E
20	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 36.559" N	83° 23' 0.249" E
21	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 33.359" N	83° 22' 58.951" E
22	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 34.160" N	83° 22' 56.750" E
23	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 35.260" N	83° 22' 56.649" E
24	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 35.159" N	83° 22' 57.649" E
25	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 37.359" N	83° 22' 58.448" E
26	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 38.059" N	83° 22' 57.847" E
27	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 38.959" N	83° 22' 58.646" E
28	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 39.759" N	83° 22' 58.245" E
29	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 42.659" N	83° 22' 55.042" E
30	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 43.620" N	83° 22' 53.241" E
31	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 43.260" N	83° 22' 52.441" E
32	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 43.660" N	83° 22' 48.441" E
33	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 43.660" N	83° 22' 46.640" E
34	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 43.460" N	83° 22' 45.140" E
35	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 45.260" N	83° 22' 43.838" E
36	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 46.261" N	83° 22' 43.237" E
37	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 46.361" N	83° 22' 41.137" E
38	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 46.161" N	83° 22' 39.537" E
39	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 45.461" N	83° 22' 39.838" E
40	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 44.561" N	83° 22' 39.738" E
41	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 44.161" N	83° 22' 38.039" E
42	Comp-99	Saskoba	Bakaruma	7.515	22° 31' 43.261" N	83° 22' 38.039" E
43	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 35.920" N	83° 24' 4.130" E
44	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 35.565" N	83° 24' 5.819" E
45	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 34.909" N	83° 24' 5.625" E
46	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 34.772" N	83° 24' 6.270" E
47	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 34.533" N	83° 24' 6.196" E
48	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 33.966" N	83° 24' 6.032" E
49	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 33.400" N	83° 24' 5.907" E



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FID	COMP NO	VILLAGE	RANGE	AREA (HA)	LATITUDE (DMS)	LONGITUDE (DMS)
50	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 32.652" N	83° 24' 5.827" E
51	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 31.815" N	83° 24' 5.655" E
52	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 31.040" N	83° 24' 5.425" E
53	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 30.057" N	83° 24' 5.019" E
54	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 29.062" N	83° 24' 4.706" E
55	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 28.168" N	83° 24' 4.457" E
56	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 27.108" N	83° 24' 4.204" E
57	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 27.169" N	83° 24' 3.801" E
58	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 27.456" N	83° 24' 2.118" E
59	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 29.155" N	83° 24' 3.017" E
60	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 32.456" N	83° 24' 0.914" E
61	Comp-101/1	Rairuma	Bakaruma	2.295	22° 30' 35.920" N	83° 24' 4.130" E
62	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 46.760" N	83° 24' 12.085" E
63	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 46.357" N	83° 24' 11.744" E
64	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 45.803" N	83° 24' 11.364" E
65	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 45.070" N	83° 24' 10.953" E
66	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 44.347" N	83° 24' 10.547" E
67	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 43.171" N	83° 24' 10.057" E
68	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 42.051" N	83° 24' 9.609" E
69	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 40.854" N	83° 24' 9.196" E
70	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 39.783" N	83° 24' 8.813" E
71	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 38.822" N	83° 24' 8.441" E
72	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 37.182" N	83° 24' 7.677" E
73	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 37.290" N	83° 24' 7.229" E
74	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 36.679" N	83° 24' 6.836" E
75	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 35.978" N	83° 24' 6.356" E
76	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 36.034" N	83° 24' 6.133" E
77	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 36.187" N	83° 24' 5.523" E
78	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 36.284" N	83° 24' 4.759" E
79	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 36.438" N	83° 24' 4.062" E
80	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 36.584" N	83° 24' 3.189" E
81	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 36.731" N	83° 24' 2.476" E
82	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 36.868" N	83° 24' 1.675" E
83	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 36.909" N	83° 24' 0.957" E
84	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 36.972" N	83° 24' 0.212" E
85	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 36.978" N	83° 23' 59.016" E
86	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 36.879" N	83° 23' 58.042" E
87	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 36.762" N	83° 23' 57.204" E
88	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 40.256" N	83° 23' 55.106" E
89	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 40.956" N	83° 23' 57.606" E
90	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 42.755" N	83° 24' 0.538" E
91	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 44.555" N	83° 24' 3.470" E
92	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 46.354" N	83° 24' 6.402" E
93	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 47.954" N	83° 24' 12.202" E
94	Comp-101/2	Rairuma	Bakaruma	8.907	22° 30' 46.760" N	83° 24' 12.085" E
95	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 41.254" N	83° 24' 15.108" E
96	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 39.754" N	83° 24' 14.909" E
97	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 38.054" N	83° 24' 16.711" E
98	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 37.454" N	83° 24' 14.811" E
99	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 37.954" N	83° 24' 12.811" E
100	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 37.452" N	83° 24' 8.510" E
101	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 37.707" N	83° 24' 8.645" E
102	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 38.277" N	83° 24' 8.945" E
103	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 39.196" N	83° 24' 9.233" E
104	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 39.860" N	83° 24' 9.452" E
105	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 40.768" N	83° 24' 9.783" E
106	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 41.594" N	83° 24' 10.108" E



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FID	COMP NO	VILLAGE	RANGE	AREA (HA)	LATITUDE (DMS)	LONGITUDE (DMS)
107	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 42.828" N	83° 24' 10.582" E
108	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 43.731" N	83° 24' 11.035" E
109	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 44.586" N	83° 24' 11.459" E
110	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 45.422" N	83° 24' 11.844" E
111	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 46.048" N	83° 24' 12.269" E
112	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 45.054" N	83° 24' 12.304" E
113	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 41.554" N	83° 24' 11.507" E
114	Comp-101/3	Rairuma	Bakaruma	2.374	22° 30' 41.254" N	83° 24' 15.108" E
115	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 32.655" N	83° 24' 8.014" E
116	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 30.555" N	83° 24' 8.316" E
117	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 27.255" N	83° 24' 7.519" E
118	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 27.107" N	83° 24' 4.779" E
119	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 27.573" N	83° 24' 4.927" E
120	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 28.239" N	83° 24' 5.043" E
121	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 28.877" N	83° 24' 5.234" E
122	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 29.654" N	83° 24' 5.481" E
123	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 30.208" N	83° 24' 5.701" E
124	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 30.722" N	83° 24' 5.972" E
125	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 31.257" N	83° 24' 6.139" E
126	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 31.826" N	83° 24' 6.197" E
127	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 32.333" N	83° 24' 6.297" E
128	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 32.899" N	83° 24' 6.439" E
129	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 33.922" N	83° 24' 6.541" E
130	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 33.685" N	83° 24' 7.546" E
131	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 33.531" N	83° 24' 8.105" E
132	Comp-101/4	Rairuma	Bakaruma	1.303	22° 30' 32.655" N	83° 24' 8.014" E
0	Comp-221/1	Potra	Lailunga	3.455	22° 25' 40.889" N	83° 36' 49.283" E
1	Comp-221/1	Potra	Lailunga	3.455	22° 25' 40.089" N	83° 36' 52.985" E
2	Comp-221/1	Potra	Lailunga	3.455	22° 25' 37.389" N	83° 36' 51.587" E
3	Comp-221/1	Potra	Lailunga	3.455	22° 25' 36.790" N	83° 36' 50.787" E
4	Comp-221/1	Potra	Lailunga	3.455	22° 25' 37.590" N	83° 36' 49.086" E
5	Comp-221/1	Potra	Lailunga	3.455	22° 25' 33.787" N	83° 36' 47.334" E
6	Comp-221/1	Potra	Lailunga	3.455	22° 25' 34.101" N	83° 36' 47.328" E
7	Comp-221/1	Potra	Lailunga	3.455	22° 25' 34.768" N	83° 36' 47.346" E
8	Comp-221/1	Potra	Lailunga	3.455	22° 25' 35.637" N	83° 36' 47.393" E
9	Comp-221/1	Potra	Lailunga	3.455	22° 25' 36.969" N	83° 36' 47.247" E
10	Comp-221/1	Potra	Lailunga	3.455	22° 25' 37.827" N	83° 36' 46.931" E
11	Comp-221/1	Potra	Lailunga	3.455	22° 25' 38.543" N	83° 36' 46.479" E
12	Comp-221/1	Potra	Lailunga	3.455	22° 25' 38.836" N	83° 36' 46.154" E
13	Comp-221/1	Potra	Lailunga	3.455	22° 25' 38.993" N	83° 36' 45.910" E
14	Comp-221/1	Potra	Lailunga	3.455	22° 25' 39.254" N	83° 36' 45.291" E
15	Comp-221/1	Potra	Lailunga	3.455	22° 25' 39.540" N	83° 36' 44.777" E
16	Comp-221/1	Potra	Lailunga	3.455	22° 25' 39.737" N	83° 36' 44.380" E
17	Comp-221/1	Potra	Lailunga	3.455	22° 25' 39.961" N	83° 36' 43.823" E
18	Comp-221/1	Potra	Lailunga	3.455	22° 25' 40.305" N	83° 36' 43.314" E
19	Comp-221/1	Potra	Lailunga	3.455	22° 25' 40.522" N	83° 36' 42.964" E
20	Comp-221/1	Potra	Lailunga	3.455	22° 25' 41.019" N	83° 36' 42.411" E
21	Comp-221/1	Potra	Lailunga	3.455	22° 25' 41.467" N	83° 36' 42.089" E
22	Comp-221/1	Potra	Lailunga	3.455	22° 25' 41.813" N	83° 36' 41.887" E
23	Comp-221/1	Potra	Lailunga	3.455	22° 25' 42.549" N	83° 36' 41.639" E
24	Comp-221/1	Potra	Lailunga	3.455	22° 25' 43.099" N	83° 36' 41.406" E
25	Comp-221/1	Potra	Lailunga	3.455	22° 25' 43.911" N	83° 36' 41.035" E
26	Comp-221/1	Potra	Lailunga	3.455	22° 25' 44.220" N	83° 36' 40.887" E
27	Comp-221/1	Potra	Lailunga	3.455	22° 25' 44.633" N	83° 36' 40.708" E
28	Comp-221/1	Potra	Lailunga	3.455	22° 25' 45.027" N	83° 36' 40.535" E
29	Comp-221/1	Potra	Lailunga	3.455	22° 25' 45.498" N	83° 36' 40.482" E
30	Comp-221/1	Potra	Lailunga	3.455	22° 25' 45.765" N	83° 36' 40.440" E

बनपरिक्षेत्राधिकारी
चरमजयमद वनमण्डल

उप बनमण्डल अधिकारी
Job No: 504577

अधिका उपवनमण्डल

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वन परिक्षेत्राधिकारी

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Area Manager
Sub Area Manager
Chhal Sub Area, SECL
Raigarh Area



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FID	COMP NO	VILLAGE	RANGE	AREA (HA)	LATITUDE (DMS)	LONGITUDE (DMS)
31	Comp-221/1	Potra	Lailunga	3.455	22° 25' 46.390" N	83° 36' 41.377" E
32	Comp-221/1	Potra	Lailunga	3.455	22° 25' 44.490" N	83° 36' 42.579" E
33	Comp-221/1	Potra	Lailunga	3.455	22° 25' 42.590" N	83° 36' 44.281" E
34	Comp-221/1	Potra	Lailunga	3.455	22° 25' 41.190" N	83° 36' 45.533" E
35	Comp-221/1	Potra	Lailunga	3.455	22° 25' 40.790" N	83° 36' 47.283" E
36	Comp-221/1	Potra	Lailunga	3.455	22° 25' 40.889" N	83° 36' 49.283" E
37	Comp-221/2	Potra	Lailunga	2.248	22° 25' 42.637" N	83° 36' 41.156" E
38	Comp-221/2	Potra	Lailunga	2.248	22° 25' 41.997" N	83° 36' 41.390" E
39	Comp-221/2	Potra	Lailunga	2.248	22° 25' 41.448" N	83° 36' 41.695" E
40	Comp-221/2	Potra	Lailunga	2.248	22° 25' 41.072" N	83° 36' 41.984" E
41	Comp-221/2	Potra	Lailunga	2.248	22° 25' 40.595" N	83° 36' 42.372" E
42	Comp-221/2	Potra	Lailunga	2.248	22° 25' 40.123" N	83° 36' 42.940" E
43	Comp-221/2	Potra	Lailunga	2.248	22° 25' 39.693" N	83° 36' 43.654" E
44	Comp-221/2	Potra	Lailunga	2.248	22° 25' 39.423" N	83° 36' 44.230" E
45	Comp-221/2	Potra	Lailunga	2.248	22° 25' 39.197" N	83° 36' 44.735" E
46	Comp-221/2	Potra	Lailunga	2.248	22° 25' 38.970" N	83° 36' 45.195" E
47	Comp-221/2	Potra	Lailunga	2.248	22° 25' 38.785" N	83° 36' 45.723" E
48	Comp-221/2	Potra	Lailunga	2.248	22° 25' 38.575" N	83° 36' 45.948" E
49	Comp-221/2	Potra	Lailunga	2.248	22° 25' 38.137" N	83° 36' 46.224" E
50	Comp-221/2	Potra	Lailunga	2.248	22° 25' 37.074" N	83° 36' 46.660" E
51	Comp-221/2	Potra	Lailunga	2.248	22° 25' 36.627" N	83° 36' 46.737" E
52	Comp-221/2	Potra	Lailunga	2.248	22° 25' 36.122" N	83° 36' 46.878" E
53	Comp-221/2	Potra	Lailunga	2.248	22° 25' 35.438" N	83° 36' 46.955" E
54	Comp-221/2	Potra	Lailunga	2.248	22° 25' 33.982" N	83° 36' 46.997" E
55	Comp-221/2	Potra	Lailunga	2.248	22° 25' 34.490" N	83° 36' 46.489" E
56	Comp-221/2	Potra	Lailunga	2.248	22° 25' 35.790" N	83° 36' 45.487" E
57	Comp-221/2	Potra	Lailunga	2.248	22° 25' 38.090" N	83° 36' 41.185" E
58	Comp-221/2	Potra	Lailunga	2.248	22° 25' 40.090" N	83° 36' 39.883" E
59	Comp-221/2	Potra	Lailunga	2.248	22° 25' 42.190" N	83° 36' 39.281" E
60	Comp-221/2	Potra	Lailunga	2.248	22° 25' 45.358" N	83° 36' 40.117" E
61	Comp-221/2	Potra	Lailunga	2.248	22° 25' 44.793" N	83° 36' 40.174" E
62	Comp-221/2	Potra	Lailunga	2.248	22° 25' 44.129" N	83° 36' 40.383" E
63	Comp-221/2	Potra	Lailunga	2.248	22° 25' 43.397" N	83° 36' 40.701" E
64	Comp-221/2	Potra	Lailunga	2.248	22° 25' 42.637" N	83° 36' 41.156" E
65	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 18.637" N	83° 36' 32.420" E
66	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 18.289" N	83° 36' 32.669" E
67	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 17.517" N	83° 36' 33.068" E
68	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 16.887" N	83° 36' 33.550" E
69	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 16.221" N	83° 36' 34.266" E
70	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 15.719" N	83° 36' 34.811" E
71	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 15.145" N	83° 36' 35.430" E
72	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 14.878" N	83° 36' 35.743" E
73	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 15.298" N	83° 36' 31.650" E
74	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 15.664" N	83° 36' 28.073" E
75	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 15.193" N	83° 36' 25.093" E
76	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 16.669" N	83° 36' 21.222" E
77	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 18.146" N	83° 36' 17.351" E
78	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 19.589" N	83° 36' 16.502" E
79	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 19.957" N	83° 36' 20.541" E
80	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 20.325" N	83° 36' 24.579" E
81	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 20.693" N	83° 36' 28.617" E
82	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 20.532" N	83° 36' 31.585" E
83	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 19.886" N	83° 36' 31.848" E
84	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 19.109" N	83° 36' 32.219" E
85	Comp-222/1	Kendatikra	Lailunga	5.992	22° 24' 18.637" N	83° 36' 32.420" E
86	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 20.168" N	83° 36' 58.880" E
87	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 17.819" N	83° 37' 1.460" E

उप निरीक्षक
घटक निरीक्षक

उप निरीक्षक Job No: 504577

अभिगा उप निरीक्षक

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Dy.G.M.(M)/Sub Area Manager
Chhal Sub Area, SEC-I
Raigarh Area



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FID	COMP NO	VILLAGE	RANGE	AREA (HA)	LATITUDE (DMS)	LONGITUDE (DMS)
88	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 12.203" N	83° 36' 59.087" E
89	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 11.677" N	83° 36' 55.477" E
90	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 11.157" N	83° 36' 51.448" E
91	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 10.197" N	83° 36' 46.797" E
92	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 10.362" N	83° 36' 45.758" E
93	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 10.526" N	83° 36' 44.956" E
94	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 10.679" N	83° 36' 44.175" E
95	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 10.918" N	83° 36' 43.211" E
96	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 11.254" N	83° 36' 42.207" E
97	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 11.620" N	83° 36' 41.288" E
98	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 11.963" N	83° 36' 40.627" E
99	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 12.379" N	83° 36' 40.184" E
100	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 12.746" N	83° 36' 39.558" E
101	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 13.156" N	83° 36' 38.822" E
102	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 13.614" N	83° 36' 37.993" E
103	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 14.130" N	83° 36' 37.297" E
104	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 14.633" N	83° 36' 36.632" E
105	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 15.525" N	83° 36' 35.450" E
106	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 16.354" N	83° 36' 34.505" E
107	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 16.997" N	83° 36' 33.933" E
108	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 17.336" N	83° 36' 33.664" E
109	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 17.921" N	83° 36' 33.259" E
110	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 18.793" N	83° 36' 32.746" E
111	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 19.713" N	83° 36' 32.333" E
112	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 20.514" N	83° 36' 32.077" E
113	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 21.408" N	83° 36' 36.565" E
114	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 20.649" N	83° 36' 39.278" E
115	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 20.392" N	83° 36' 41.126" E
116	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 20.936" N	83° 36' 44.631" E
117	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 21.480" N	83° 36' 48.137" E
118	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 22.756" N	83° 36' 49.628" E
119	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 23.179" N	83° 36' 53.550" E
120	Comp-222/2	Kendatikra	Lailunga	22.151	22° 24' 20.168" N	83° 36' 58.880" E
0	Comp-254	Sonajori	Lailunga	12.965	22° 20' 40.793" N	83° 42' 38.075" E
1	Comp-254	Sonajori	Lailunga	12.965	22° 20' 35.071" N	83° 42' 36.400" E
2	Comp-254	Sonajori	Lailunga	12.965	22° 20' 35.533" N	83° 42' 23.507" E
3	Comp-254	Sonajori	Lailunga	12.965	22° 20' 33.614" N	83° 42' 19.793" E
4	Comp-254	Sonajori	Lailunga	12.965	22° 20' 41.060" N	83° 42' 21.480" E
5	Comp-254	Sonajori	Lailunga	12.965	22° 20' 41.547" N	83° 42' 21.226" E
6	Comp-254	Sonajori	Lailunga	12.965	22° 20' 45.389" N	83° 42' 16.541" E
7	Comp-254	Sonajori	Lailunga	12.965	22° 20' 46.797" N	83° 42' 17.683" E
8	Comp-254	Sonajori	Lailunga	12.965	22° 20' 40.793" N	83° 42' 38.075" E
0	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 33.344" N	83° 12' 9.035" E
1	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 27.839" N	83° 12' 9.430" E
2	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 24.539" N	83° 12' 9.471" E
3	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 21.240" N	83° 12' 9.513" E
4	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 17.941" N	83° 12' 9.555" E
5	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 14.716" N	83° 12' 9.496" E
6	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 15.670" N	83° 12' 8.714" E
7	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 16.308" N	83° 12' 8.196" E
8	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 16.948" N	83° 12' 7.723" E
9	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 17.475" N	83° 12' 7.372" E
10	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 18.182" N	83° 12' 6.870" E
11	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 18.872" N	83° 12' 6.305" E
12	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 19.465" N	83° 12' 5.866" E
13	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 20.272" N	83° 12' 5.207" E
14	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 21.298" N	83° 12' 4.230" E

Job No: 504577

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वन परिक्षेत्राधिकारी
छाल परिक्षेत्र
वनमण्डल, धरमजयगढ

23-8-2024
DY.G.M.(M)/Sub Area Manage
Chhal Sub Area, SECL
Raigarh Area

वनमण्डल अधिकारी
धरमजयगढ वनमण्डल

उप वन मण्डल अधिकारी
धरमजयगढ उप वन मण्डल

उप वनमण्डल अधिकारी
अरुणा सातनमण्डल



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FID	COMP NO	VILLAGE	RANGE	AREA (HA)	LATITUDE (DMS)	LONGITUDE (DMS)
15	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 24.501" N	83° 12' 3.754" E
16	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 28.001" N	83° 12' 5.083" E
17	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 27.877" N	83° 12' 5.866" E
18	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 30.473" N	83° 12' 6.074" E
19	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 30.975" N	83° 12' 5.964" E
20	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 33.512" N	83° 12' 6.386" E
21	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 37.214" N	83° 12' 7.002" E
22	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 38.697" N	83° 12' 4.326" E
23	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 42.758" N	83° 12' 3.601" E
24	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 43.391" N	83° 12' 8.716" E
25	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 40.042" N	83° 12' 8.822" E
26	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 36.693" N	83° 12' 8.929" E
27	Comp-498/1	Singhijhap	Chhal	9.166	22° 8' 33.344" N	83° 12' 9.035" E
28	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 14.514" N	83° 12' 8.686" E
29	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 13.600" N	83° 12' 9.497" E
30	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 13.396" N	83° 12' 9.490" E
31	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 12.851" N	83° 12' 9.501" E
32	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 11.308" N	83° 12' 9.598" E
33	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 9.881" N	83° 12' 9.764" E
34	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 10.434" N	83° 12' 8.267" E
35	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 10.545" N	83° 12' 7.519" E
36	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 10.102" N	83° 12' 7.158" E
37	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 10.711" N	83° 12' 6.196" E
38	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 12.147" N	83° 12' 4.568" E
39	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 12.708" N	83° 12' 5.007" E
40	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 13.234" N	83° 12' 4.474" E
41	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 12.750" N	83° 12' 3.884" E
42	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 14.377" N	83° 12' 2.040" E
43	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 16.742" N	83° 12' 3.939" E
44	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 18.230" N	83° 12' 4.685" E
45	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 20.133" N	83° 12' 4.403" E
46	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 19.625" N	83° 12' 4.833" E
47	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 18.392" N	83° 12' 5.848" E
48	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 17.883" N	83° 12' 6.227" E
49	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 17.475" N	83° 12' 6.530" E
50	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 16.537" N	83° 12' 7.186" E
51	Comp-498/2	Singhijhap	Chhal	3.218	22° 8' 14.514" N	83° 12' 8.686" E
52	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 6.479" N	83° 12' 32.799" E
53	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 4.216" N	83° 12' 32.992" E
54	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 4.133" N	83° 12' 31.626" E
55	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 4.084" N	83° 12' 30.762" E
56	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 4.035" N	83° 12' 29.878" E
57	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 3.884" N	83° 12' 27.816" E
58	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 3.538" N	83° 12' 25.507" E
59	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 3.229" N	83° 12' 23.629" E
60	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 2.941" N	83° 12' 21.813" E
61	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 2.693" N	83° 12' 20.404" E
62	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 2.374" N	83° 12' 18.905" E
63	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 2.193" N	83° 12' 17.696" E
64	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 2.137" N	83° 12' 16.913" E
65	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 2.172" N	83° 12' 16.135" E
66	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 2.232" N	83° 12' 15.713" E
67	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 2.366" N	83° 12' 15.222" E
68	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 2.631" N	83° 12' 14.451" E
69	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 2.918" N	83° 12' 13.863" E
70	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 3.016" N	83° 12' 13.235" E
71	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 6.723" N	83° 12' 13.528" E



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FID	COMP NO	VILLAGE	RANGE	AREA (HA)	LATITUDE (DMS)	LONGITUDE (DMS)
72	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 6.884" N	83° 12' 12.291" E
73	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 8.362" N	83° 12' 12.328" E
74	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 8.309" N	83° 12' 10.588" E
75	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 9.060" N	83° 12' 10.409" E
76	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 10.749" N	83° 12' 10.204" E
77	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 12.891" N	83° 12' 10.121" E
78	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 12.217" N	83° 12' 10.706" E
79	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 11.265" N	83° 12' 11.564" E
80	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 10.929" N	83° 12' 11.886" E
81	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 10.569" N	83° 12' 12.275" E
82	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 8.314" N	83° 12' 13.757" E
83	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 7.947" N	83° 12' 17.565" E
84	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 7.580" N	83° 12' 21.374" E
85	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 7.213" N	83° 12' 25.182" E
86	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 6.846" N	83° 12' 28.991" E
87	Comp-498/3	Singhijhap	Chhal	8.133	22° 8' 6.479" N	83° 12' 32.799" E
88	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 0.369" N	83° 12' 28.918" E
89	Comp-498/4	Singhijhap	Chhal	6.522	22° 7' 57.564" N	83° 12' 23.401" E
90	Comp-498/4	Singhijhap	Chhal	6.522	22° 7' 56.048" N	83° 12' 17.551" E
91	Comp-498/4	Singhijhap	Chhal	6.522	22° 7' 59.198" N	83° 12' 14.062" E
92	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 2.443" N	83° 12' 13.505" E
93	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 2.371" N	83° 12' 13.750" E
94	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 2.077" N	83° 12' 14.349" E
95	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 1.810" N	83° 12' 15.183" E
96	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 1.593" N	83° 12' 16.114" E
97	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 1.561" N	83° 12' 17.269" E
98	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 1.624" N	83° 12' 18.163" E
99	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 1.788" N	83° 12' 19.133" E
100	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 1.972" N	83° 12' 20.007" E
101	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 2.221" N	83° 12' 21.222" E
102	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 2.521" N	83° 12' 22.668" E
103	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 2.745" N	83° 12' 24.160" E
104	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 3.113" N	83° 12' 26.479" E
105	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 3.443" N	83° 12' 28.416" E
106	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 3.582" N	83° 12' 30.920" E
107	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 3.627" N	83° 12' 32.367" E
108	Comp-498/4	Singhijhap	Chhal	6.522	22° 8' 0.369" N	83° 12' 28.918" E
109	Comp-500	Singhijhap	Chhal	18.000	22° 8' 36.286" N	83° 13' 32.002" E
110	Comp-500	Singhijhap	Chhal	18.000	22° 8' 31.200" N	83° 13' 17.579" E
111	Comp-500	Singhijhap	Chhal	18.000	22° 8' 34.033" N	83° 13' 15.645" E
112	Comp-500	Singhijhap	Chhal	18.000	22° 8' 39.609" N	83° 13' 16.770" E
113	Comp-500	Singhijhap	Chhal	18.000	22° 8' 40.646" N	83° 13' 9.049" E
114	Comp-500	Singhijhap	Chhal	18.000	22° 8' 45.364" N	83° 13' 7.429" E
115	Comp-500	Singhijhap	Chhal	18.000	22° 8' 44.779" N	83° 13' 21.097" E
116	Comp-500	Singhijhap	Chhal	18.000	22° 8' 43.830" N	83° 13' 28.091" E
117	Comp-500	Singhijhap	Chhal	18.000	22° 8' 43.719" N	83° 13' 30.712" E
118	Comp-500	Singhijhap	Chhal	18.000	22° 8' 36.286" N	83° 13' 32.002" E

DISCLAIMER:

1. COMPENSATORY AFFORESTATION FOREST PATCHES ARE SURVEYED IN CONSULTATION WITH FOREST & SECL AUTHORITIES.
2. DGPS REPORT IS PREPARED ON THE BASIS OF DATA OBTAINED WITH DGPS & GPS INSTRUMENTS AVAILABLE WITH CMPDI.
3. DGPS REPORT IS FOR FOREST LAND DIVERSION / CA FOREST APPLICATION ONLY & NOT VALID FOR ANY OTHER PURPOSE
4. CMPDIL SHALL NOT BE HELD RESPONSIBLE FOR ANY FUTURE DISPUTE WITH RESPECT TO FOREST PATCH DETAILS.

Job No: 504577

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सबमण्डलाधिकारी
घरमजयगढ़ वनमण्डल

उप वन मण्डलाधिकारी
घरमजयगढ़ उप वन मण्डल

वन परिक्षेत्राधिकारी
छाल परिक्षेत्र
वनमण्डल, घरमजयगढ़

22-8-2019
DY-G.M.(M)/Sub Area Manager
Chhal Sub Area, SECL
Raigarh Area



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ANNEXURES

Note No. #1

Approval for final KML/Land schedule of DGPS report of CA land against Diversion of forest Land for non forest purpose under Forest Conservation Act 1980 proposed for Chhal OCP Seam III (6MTY) supplementary proposal for diversion of 55.850 of Deemed Forest land in addition to proposal for diversion of 185.017 Ha Forest Land proposal No FP/CG/MIN/17237/2015) 55.850 Ha reagrding registration No. FP/CG/MIN/39334/2019



Approval for final KML.pdf

23/08/2020 10:44 AM

SANJAY MISHRA
(AREA GENERAL MANAGER)

Note No. #2

Proposal for diversion of Forest land 185.017 + 55.85 Ha is under process at the office of DFO Dharamjaygarh. CA land for 55.85 Ha has been allotted in Dharamjaygarh division DGPS survey was completed by CMPDI RI V and reports were submitted. Recently DFO suggested some modifications in the kml files of the identified CA areas, which is essential for processing of proposal and onward submission by DFO . Accordingly Raigarh area has submitted proposal for taking up the work through CMPDI RI V.

In respect of DGPS Survey of mines for FC matters, it is being carried out through CMPDI as per annual working plan.

In view of above it requested approval may kindly be accorded for taking up the job through CMPDI RI V.

Submitted for kind approval.

24/08/2020 1:08 PM

AKSHAY SHRIKANT BAPAT
(GENERAL MANAGER(FOREST)/HOD)

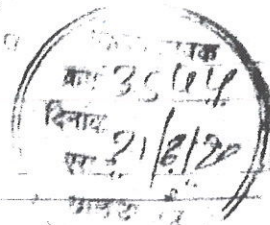


South Eastern Coalfields Limited
RAIGARH AREA

फाइल संख्या/फाइल No
लिपिक
Dealing Clerk

नोट्स/नोट्स/नोट्स
विभाग/विभाग/विभाग
Deputy Area/Collector

पृष्ठ संख्या/Sheet No
प्रधिकारी का नाम
Name of Officer



Sub.-Approval for Final KML/Land Schedule of DGPS Report of CA Land against

Diversion of forest Land for non-forest purpose under forest conservation act, 1980 proposed for Chhal open cast Seam III 6 MTY (supplementary Proposal for diversion of 55.850 of Deemed forest Land in addition to proposal for diversion of 185.017 Ha. forest land proposal No. FP/CG/MIN/17237/2015) 55.850 Ha. regarding. registration No. FP/CG/MIN/39334/2019.

55.850 Ha. of Deemed forest land in respect of Chhal OC SEAM -III Project (6MTY) is to be diverted for non-forest purpose for which Registration No. FP/CG/MIN/39334/2019 has been obtained vide letter No. क्र./भू-प्रबंध/खनिज/एल.एम.-331-259/1158 रायपुर दिनांक 13/05/2019. For this, one of the conditions laid down in Sl. No. 16 of the check list under Forest Conservation Act 1980 is to obtain CA Land (i.e. twice the area being diverted in the said proposal), for 10 years Compensatory Afforestation which is required for stage 1 FC.

For this purpose, a total Arera of 123.393 Ha. of CA forest land had been identified in Dharamjaigarh Forest Division and agreed upon/has kind consented by the DFO, Dharamjaigarh Division for compensatory afforestation, for which, DGPS Survey report had been previously submitted by CMPDIL vide letter No. RV/GMT/DGPS/2018/1350 Dated 27,29/10/2018.

The details of CA Forest Land previously allotted by local forest officials are given below :-

SL.	Division	Village	Range	Comp.	Type	Area (in Ha.)
1	Dharamjaigarh	Saskoba	Bakaruma	99	PF	7.515
2	Dharamjaigarh	Rairuna	Bakaruma	101	PF	18.307
3	Dharamjaigarh	Kendatikra	Lailunga	222	PF	12.965
4	Dharamjaigarh	Kendatikra	Lailunga	222	PF	28.673
5	Dharamjaigarh	Potra	Lailunga	221	PF	6.220
6	Dharamjaigarh	Hati	Chhal	343-344	OA	21.517
7	Dharamjaigarh	Jogda	Chhal	1022/1k	OA	28.196
Total Area						123.393

From the above table area of 12.965 Ha. Comp. no.-222 of Lailunga range was cancelled by DFO due to non-suitability for plantation, for which DGPS was again conducted and report was submitted afresh by CMPDIL vide job no. 504554 in May 2020.

Again, in said allotted CA land patches, the area of Jogda patch was 28.196 Ha. and the area of Hati was 21.517 Ha. in Chhal Range. But as per DFO's letter क्र./मा.वि./2020/966/धरमजयगढ़ दिनांक 12.06.2020 (Enclosed), it was revealed that the aforesaid CA land patch of Hati & Jogda have already been allotted to Pelam Nala reservoir in the past. Due to this reason, allotment of both patches to us were cancelled by DFO. In place of the above cancelled patches, 43.00 Ha. area for CA Land has been re-allotted in Singhijhap (Chhal Range) for DGPS vide letter no. क्र./मा.वि./2020/1062/धरमजयगढ़ दिनांक 19.06.2020 (Enclosed) for which, DGPS has been conducted and its report has been submitted by CMPDI vide Job no. 504567 in July 2020.

The details of revised CA Forest Land allotted by forest officials is given below :-

SL.	Division	Village	Range	Comp	Type	Area (in Ha.)
1	Dharamjaigarh	Saskoba	Bakaruma	99	PF	7.515
2	Dharamjaigarh	Rairuma	Bakaruma	101	PF	18.307
3	Dharamjaigarh	sonajori	Lailunga	254	RF	12.965
4	Dharamjaigarh	Kendatikra	Lailunga	222	PF	28.673
5	Dharamjaigarh	Potra	Lailunga	221	PF	6.220
6	Dharamjaigarh	singhijhap	Chhal	498	PF	30.000
7	Dharamjaigarh	singhijhap	Chhal	500	PF	13.000
Total Area						116.680

Again, the DFO pointed out that, all types of roads should be excluded from allotted CA Land while preparing CA scheme. So after partition of compartment or excluding of public road wherever found, the CA patch areas have been finally rescheduled as mentioned in the table below:-

Final Land Schedule of CA Land after partition						
SL.	Division	Village	Range	Comp.	Partition of Comp.	Area (in Ha.)
1	Dharamjaigarh	Saskoba	Bakaruma	99(PF)	99/1	7.515
2	Dharamjaigarh	Rairuma	Bakaruma	101(PF)	101/1	2.295
					101/2	8.907
					101/3	2.374
					101/4	1.303
3	Dharamjaigarh	sonajori	Lailunga	254(RF)	254/1	12.965
4	Dharamjaigarh	Kendatikra	Lailunga	222(PF)	222/1	5.995
					222/2	22.151
5	Dharamjaigarh	Potra	Lailunga	221(PF)	221/1	3.455
					221/2	2.248
6	Dharamjaigarh	singhijhap	Chhal	498(PF)	498/1	9.166
					498/2	3.218
					498/3	8.133
					498/4	6.522
7	Dharamjaigarh	singhijhap	Chhal	500(PF)	500/1	18.000
Total Area						114.245

Submitted for competent approval and preparation of DGPS report in hard and soft copy.

1964
20/08/2020
S.O. (P & F)
SECL Raigarh Area

21.8.2020
Sub-Area Manager
Chhal Sub Area

21/8/2020
Nodal Officer(E.& F.)
Chhal Sub Area

23/8/2020
General Manager
SECL Raigarh Area

ANNUAL ACTION PLAN

2020-21

REGIONAL INSTITUTE-V

CMIPDIL, BILASPUR



SOUTH EASTERN COALFIELDS LIMITED
सीपत रोड, बिलासपुर
SEEPAT ROAD, BILASPUR
महाप्रबंधक (यो/परि) कार्यालय
OFFICE OF THE GENERAL MANAGER (PROJECT & PLANNING)
E-mail : gmpp.secl@coalindia.in

सं.क्र.एसईसीएल/बीएसपी/यो-परि/2020/NS-66

Dated : 27-03-2020

Notesheet

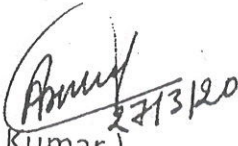
Sub : Approval of Annual Work Programme 2020-21 submitted by RI-V, CMPDIL

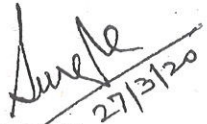
RI-V, CMPDIL had submitted a draft Annual Work Programme (AWP) 2020-21 to P & P Deptt. depicting the jobs/activities to be taken up by them in the year 2020-21 in relation to Exploration, Geosystem, Hydrogeology, Geophysics, PR/RPR/UCR/RCE, UG Mining, MCP, Environment, Geomatics, E & M, Civil and Blasting deptt. A copy of this draft AWP 2020-21 was also sent to the concerned deptt. for their comment . On 21-03-2020 a meeting on this matter was arranged in the P & P Deptt. along with CMPDIL and other concerned deptt. heads to discuss and finalise the AWP 2020-21. In the meeting CMPDIL agreed to incorporate all the suggestions given by different deptt. Heads and Nodal officers in the draft AAP 2020-21 and accordingly submitted a final AWP 2020-21 to P & P Deptt. on 24.03.2020. In this final AWP 2020-21 almost all the suggestions as requested by departmental heads have been incorporated.

This final AWP 2020-21 need approval of the competent authority for sending acceptance to CMPDIL to take up the jobs/activities as suggested in the AWP 2020-21.

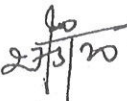
Put up for necessary competent approval.

Encl : Final AWP 2020-21


(Arvind Kumar)
GM (Mining) / P & P Deptt.


(Surajit Bose)
CM (Mining) / P & P Deptt.


GM (P & P) 27/3/2020


Dir (Tech) P & P 27/3/20


GM (P & P) 27/3/2020

27/3/2020
28/03/2020

<u>GEOMATICS</u>	
A	OBR CHECK SURVEY <i>(MANDATORY THIRD PARTY CHECK SURVEY AS PER CVO, CIL REF. NO.: CIL/VIG/2015/16015/01/58 DATED 13-04-2015)</i>
1	INITIAL, PART INITIAL, FINAL, PART FINAL & ANNUAL OBR CHECK SURVEY, AS THIRD PARTY, OF ALL <u>OUTSOURCED</u> CURRENT & NEW PATCHES IN ALL OPEN CAST MINES OF SECL AS PER LATEST CMPDIL GUIDELINES & STANDARD OPERATING PROCEDURE (SOP) WITH TERRESTRIAL LASER SCANNER (TLS) AGAINST SPECIFIC TECHNICAL WORK ORDER BY SECL FOR EACH SURVEY.
2	INITIAL, PART INITIAL, FINAL, PART FINAL & ANNUAL OBR CHECK SURVEY, AS THIRD PARTY, OF ALL <u>DEPARTMENTAL</u> CURRENT & NEW PATCHES IN ALL OPEN CAST MINES OF SECL AS PER LATEST CMPDIL GUIDELINES & STANDARD OPERATING PROCEDURE (SOP) WITH TERRESTRIAL LASER SCANNER (TLS) AGAINST SPECIFIC TECHNICAL WORK ORDER BY SECL FOR EACH SURVEY.
3	PAYMENT OF BILLS WITHIN 30 DAYS OF RAISING OF BILLS BY FINANCE DEPARTMENT, CMPDI, RI5, BILASPUR, AS PER APPLICABLE ED & OBR CHECK SURVEY RATES OF CMPDI.
B	DGPS REPORT FOR FOREST LAND DIVERSION REQUIRED FOR EC/FC
1	FOREST LAND WITHIN MINE / LEASE BOUNDARY OF UG & OC MINES OF SECL
2	PCA & CA FOREST LAND ALLOTTED BY FOREST DEPARTMENT AGAINST DIVERSION
3	PAYMENT OF BILLS WITHIN 30 DAYS OF RAISING OF BILLS BY FINANCE DEPARTMENT, CMPDI, RI5, BILASPUR AS PER EXISTING RATE OF 35 ED'S PER REPORT.
C	BOREHOLE SURVEY AT ALL DRILLING CAMPS OF RI5, BILASPUR
D	GEO-REFERENCING & BLOCK BOUNDARY DEMARCATION



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A Mini Ratna Company

**DRAWINGS
&
CD**

REGISTERED OFFICE
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Ranchi - 834 031
(Jharkhand)

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क्षेत्रीय संस्थान-I
वेस्ट एंड, जी.टी.रोड
आसनसोल - 713 301
(पश्चिम बंगाल)

क्षेत्रीय संस्थान-II
कोयला भवन, कोयला नगर
धनबाद - 826 005
(झारखण्ड)

क्षेत्रीय संस्थान-III
गोंदवाना प्लेस, कांके रोड
राँची - 834 031
(झारखण्ड)

क्षेत्रीय संस्थान-IV
जरीपटका, कस्तूरबा नगर
नागपुर - 440 014
(महाराष्ट्र)

क्षेत्रीय संस्थान-V
सीपत रोड
बिलासपुर - 495 001
(छत्तीसगढ़)

क्षेत्रीय संस्थान-VI
पोस्ट : जयंत कॉलरी
जिला : सिंगरौली
पिन नं० - 486 890
(मध्य प्रदेश)

क्षेत्रीय संस्थान-VII
गृह निर्माण भवन
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Regional Institute - IV
Jaripathka, Kasturba Nagar
Nagpur - 440 014
(Maharashtra)

Regional Institute - V
Seepat Road
Bilaspur - 495 001
(Chattisgarh)

Regional Institute - VI
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Dist. - Singrauli
PIN - 486 890
(Madhya Pradesh)

Regional Institute - VII
Grih Nirman Bhawan
Sachivalaya Marg
Bhubneswar - 751 001
(Orissa)

सेन्ट्रल माईन प्लानिंग एंड डिजाइन इन्स्टीच्यूट लिमिटेड

(कोल इण्डिया की अनुषंगी कम्पनी)
एक मिनी रत्न कम्पनी

Central Mine Planning & Design Institute Limited

(A Subsidiary of Coal India Limited)
A Mini Ratna Company

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