

D.G.P.S. SURVEY REPORT

**OF FOREST AREA DEMARCATION AND BOUNDARY POINT FIXATION
FOR FOREST LAND DIVERSION PROPOSAL**

**OF 33 KV ELECTRIC LINE (UNDERGROUND) & WIDENING OF
APPROACH ROAD AT HAHALADDI**

AT FOREST COMPARTMENT NO. -	634 & 640
UNDER FOREST DIVISION	- EAST BHANUPRATAPPUR
FOREST RANGE	- DURGUKONDAL
VILLAGE	- HAHALADDI
TEHSIL	- DURGUKONDAL
DISTRICT	- NORTH BASTAR KANKER
DGPS SURVEYED AREA	- 1.40 HECTARE

(SUBMITTED UNDER FOREST CONSERVATION ACT 1980)



APPLICANT

**JSW Ispat Special Products
Limited**

(Formerly known as Monnet Ispat & Energy Ltd.)
Village - Kurud, Chandkhuri Marg, MandirHasaud,
Raipur District Raipur Chhattisgarh -492101

SURVEYED BY

Siddharth Geo Consultants

621/3, 1st Floor, Ramkund Samta Colony,
Behind Lifeworth Hospital, Raipur (C.G.)
Pin 492001 PH NO. - 0771- 4281072
Email-sgc_rai@yahoo.co.in

D.G.P.S. SURVEY REPORT

**OF FOREST AREA DEMARCATION AND BOUNDARY POINT FIXATION
FOR FOREST LAND DIVERSION PROPOSAL
OF 33 KV ELECTRIC LINE (UNDERGROUND) & WIDENING OF
APPROACH ROAD AT HAHALADDI**

AT FOREST COMPARTMENT NO. -	634 & 640
UNDER FOREST DIVISION	- EAST BHANUPRATAPPUR
FOREST RANGE	- DURGUKONDAL
VILLAGE	- HAHALADDI
TEHSIL	- DURGUKONDAL
DISTRICT	- NORTH BASTAR KANKER
DGPS SURVEYED AREA	- 1.40 HECTARE

(SUBMITTED UNDER FOREST CONSERVATION ACT 1980)



APPLICANT

**JSW Ispat Special Products
Limited**

(Formerly known as Monnet Ispat & Energy Ltd.)
Village - Kurud, Chandkhuri Marg, MandirHasaud,
Raipur District Raipur Chhattisgarh -492101

SURVEYED BY

Siddharth Geo Consultants

621/3, 1st Floor, Ramkund Samta Colony,
Behind Lifeworth Hospital, Raipur (C.G.)
Pin 492001 PH NO. - 0771- 4281072
Email-sgc_rai@yahoo.co.in

TABLE OF CONTENTS

S. NO.	CONTENTS	PAGE NO.
1.	INTRODUCTION & OBJECTIVE	2
1.1	Introduction	2
1.2	Objective	2
2.	LOCATION	4
3.	SCOPE OF WORK	5
4.	FEATURES & METHODOLOGY OF DGPS SURVEY	6
4.1	DGPS Introduction	6
4.2	Concept of DGPS	7
5.	PROCEDURE FOR SURVEY	10
5.1	Establishment of Primary Control Point	10
5.2	DGPS Survey of 33 KV Electric Line (Underground) & widening of Approach Road Area Boundary	10
5.3	Geo-referencing of map	10
5.4	GIS Analysis	11
5.5	Flow Chart of DGPS Survey Procedure	12
6.	SPECIFICATION OF DGPS EQUIPMENT	13
7.	OUTPUT	16
7.1	33 KV Electric Line (Underground) & widening of Approach Road Boundary coordinates	16
7.2	Land Classification of 33 KV Electric Line (Underground) & widening of Approach Road	21
8.	PHOTOGRAPHS OF DGPS SURVEY	22
9.	EMPANELMENT LETTER OF STATE GOVERNMENT	27

JSW Ispat Special Products Ltd.
(Formerly known as Monnet Ispat & Energy Ltd.)

ANNEXURE

[Signature]
(Authorised Signatory)

S. NO.	MAP	ANNEXURE
1.	Showing DGPS Surveyed 33 KV Electric Line (Underground) & widening of Approach Road on Geo-referenced Vegetation Map	Map 1
2.	Showing DGPS Surveyed 33 KV Electric Line (Underground) & widening of Approach Road on Geo-referenced Forest Map	Map 2
3.	Showing DGPS Surveyed 33 KV Electric Line (Underground) & widening of Approach Road on Geo-referenced Toposheet Map(64D/16)	Map 3

[Signature]
Divisional Forest Officer
East Bhanupratappur Division



1. INTRODUCTION& OBJECTIVE

1.1 INTRODUCTION

JSW Ispat Special Products Limited (Formerly known as Monnet Ispat & Energy Limited), Village –Kurud, Chandkhuri Marg, Mandir Hasaud Raipur District Raipur, Chhattisgarh have been submitted proposal of 33 KV Electric Line (Underground) & widening of Approach Road At Hahaladdi to Forest department Govt. of Chhattisgarh for diversion of forest land for non – forestry purpose, under forest conservation Act 1980. Keeping in view the requirement of smooth transportation of material, the existing approved area of 0.66 ha for road is not sufficient and therefore, the proposal for widening of road from 3 meters to 8 meters is being submitted along with 1 meter wide corridor for laying of underground electricity line in parallel to the proposed road. This extended required area has surveyed by DGPS and total forest area proposed to be diverted for non-forestry purpose is calculated as **1.40** ha. Situated under **Compartment No. 634 & 640** (detail Land classification is shown on Table 7.2) of Hahaladdi village, Forest Division- East Bhanupratappur, Forest Range/Tehsil- Durgukondal, District- North Bastar Kanker, Chhattisgarh.

1.2 OBJECTIVE

Ministry of Environment and Forests, Govt. of India vide their circular No.F.No.-11-9/98-FC, dated 08-07-2011 have stipulated that to ensure accurate delineation of forest area proposed to be diverted for non forestry purposes under Section-2 and CA area of Forest Conservation Act, 1980 the diversion proposal under Forest Conservation Act shall be accompanied by DGPS/ETS surveyed reports of the forest land proposed for diversion as per guidelines laid down in the circular issued by ministry of forest and environment, Government of India from time to time. While submitting proposal for diversion of forest land for non forest purpose, the user agency has to submit the Geo referenced boundary, using DGPS in shape & KML file containing maps along with hard copy authenticated by Divisional Forest Officer (DFO) concerned. The conventional methods of survey to delineate and demarcate the forest land are time consuming. Further, the conventional surveys are "Un projected" Surveys, hence linking them to geospatial domain is a challenging task. The modern



survey technique using Differential Global Positioning System (DGPS) bring efficacy in survey in shorter time span compared to old method of survey and record preparation. The combination of GIS and GPS activities play a crucial role in developing the survey of the forest boundary points and making forest Cadastral/Forest Compartment maps. Area, length & other measures in the GIS numerical data base are considerably easy to compute and correlate with already available data.

DGPS Survey of 33 KV Electric Line (Underground) & widening of Approach Road At Hahaladdi on behalf of **JSW Ispat Special Products Limited** (Formerly known as Monnet Ispat & Energy Limited) Village -Kurud, Chandkhuri Marg, Mandir Hasaud, Raipur District Raipur Chhattisgarh -492101 conducted on date 08/01/2022 by Survey Team of **M/s Siddharth Geo Consultants** in the presence of Forest officials.



2.LOCATION

The DGPS surveyed area proposed to be 33 KV Electric Line (Underground) & widening of Approach Road is situated near village Hahaladdi of Tehsil-Durgukondal, District- North Bastar Kanker, Chhattisgarh. Proposed area is 62.00 Km in West Direction from District Headquarter North Bastar Kanker (C.G.). It falls in Survey of India Toposheet no. 64 D/16. The surveyed area is bounded by Longitudes $80^{\circ} 53' 42.29562''E$ to $80^{\circ} 53' 57.83319''E$ & Latitudes $20^{\circ} 12' 33.09620''N$ to $20^{\circ} 13' 34.69109''N$.

The surveyed area comes under Govt. Forest Land at Compartment no. – 634 & 640 under Forest Division – East Bhanupratappur, Forest Range – Durgukondal, village- Hahaladdi of Tehsil – Durgukondal, District – North Bastar Kanker. The total DGPS surveyed area is **1.40 Hectares**.

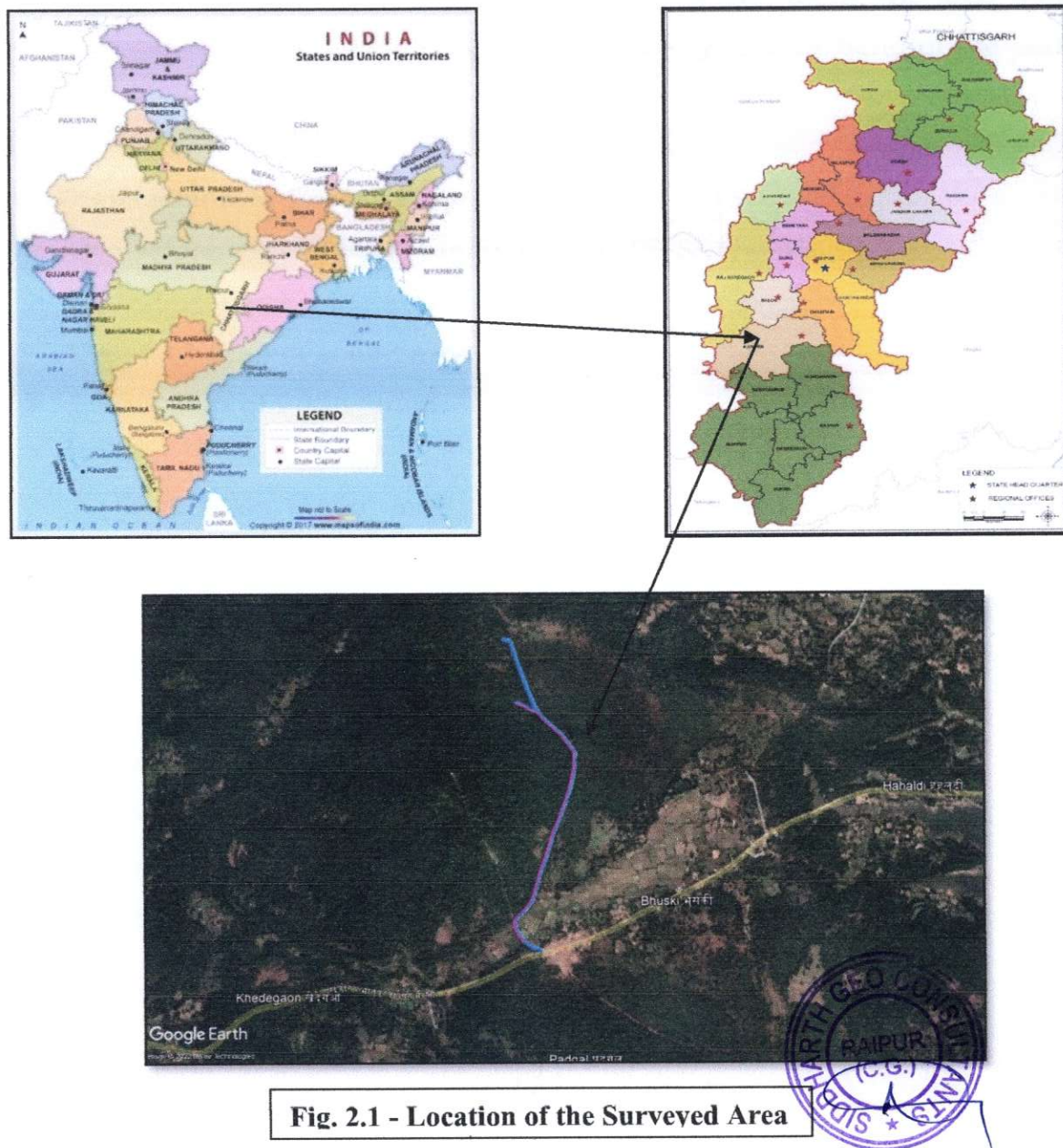


Fig. 2.1 - Location of the Surveyed Area

3. SCOPE OF WORK

1. Establishment of base station (Primary Control Point) near the surveyed area.

2. Demarcation of 33 KV Electric Line (Underground) & Widening of Approach Road boundary area At Hahaladdi village by DGPS Survey :

- Carrying out of survey work using DGPS Rover unit in Real Time Kinematic (RTK) mode to collect UTM Co-ordinates (WGS 84 Datum) for demarcation of precise area boundary and fixing up its ground position to demarcate the exact area boundary as per the norms specified for the purpose.
- Rover unit move by the survey team by walking along the area boundary and collect a survey point on each and every turn or bend of the boundary Area.

3. Digitization of Forest map:

- Geo-referencing of Forest map with DGPS Survey Points.
- Boundary Point, Line and Polygon topology to be created and attached to the stock map of each patch.
- Digitization of Forest map.
- Output file Submitted as a 07 sets of Hard Copy of Plans (Vegetation map 1:15000 scale, Forest map 1:15000 scale & Toposheet map 1:50000 Scale) & Survey Report of the DGPS surveyed area with showing the point numbers & its DGPS Coordinates (UTM & WGS-84 Datum) and its soft copy contain report & maps, KML & shape file in CD.

4. Preparations of land classification

- As per requirement of forest department preparation of land classification of the surveyed area showing the plot & type of land.



4. FEATURES & METHODOLOGY OF DGPS SURVEY

4.1 DGPS INTRODUCTION

The advanced version or the enhancement to Global positioning System or the GPS is DGPS i.e. Differential Global positioning System or DGPS. DGPS was developed to meet the needs of positioning and distance measuring. It provides better and improved location accuracy than GPS. The underlying premise of differential GPS (DGPS) requires that a two DGPS receiver unit operated sequentially, one is stationary called as Base unit and other is moving called as Rover unit.



Fig. 4.1 A DGPS Base and Rover station Equipment

A GPS receiver must acquire signals from at least four satellites to reliably calculate a three-dimensional position. Ideally, these satellites should be distributed across the sky. The receiver performs mathematical calculations to establish the distance from a satellite, which in turn is used to determine its position. The GPS receiver knows where each satellite is the instant its distance is measured. This position is displayed on the data logger and saved along with any other descriptive information entered in the field software.



4.2 CONCEPT OF DGPS

A typical DGPS architecture is shown in figure below

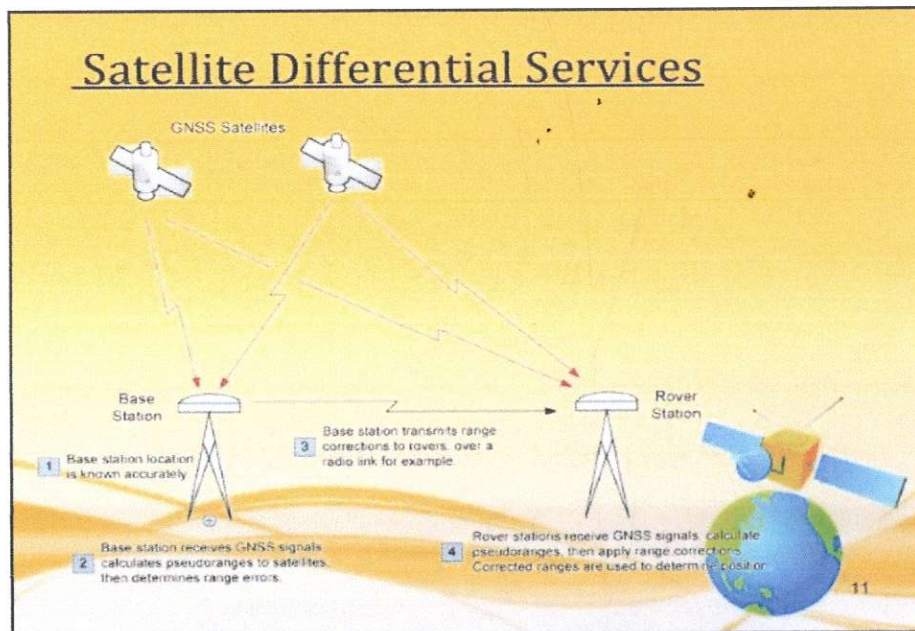


Fig. 4.2 A DGPS Base station and Rover station setup

The DGPS equipment work on GPS/GNSS satellite signal to find out exact position where they are on the global scale. The GPS Operational Constellation consists of 24 satellites that orbit the Earth in very precise orbits twice a day. GPS satellites emit continuous navigation signals. Each GPS satellite transmits data that indicates its location and the current time. All GPS satellites synchronize operations so that these repeating signals are transmitted at the same instant.

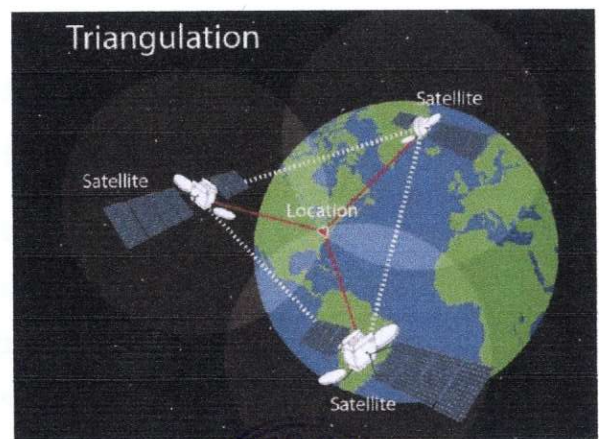


Fig. 4.3 A GPS Satellite orbit the Earth, Location acquired by Satellite system



Measurement of Travel time of the signals from a constellation of GPS Satellites orbiting, the earth for enabling the position in the earth. The GPS satellites are in orbits such that one can be able to receive signals from at least four satellites to enable for the determination of latitude, longitude, altitude and time.

Latitude and Longitude are spherical coordinates on the surface of the earth. Latitude is measured North or South of the Equator. Longitude is measured East or West of Greenwich. DGPS uses Latitudes and Longitudes to reference locations.

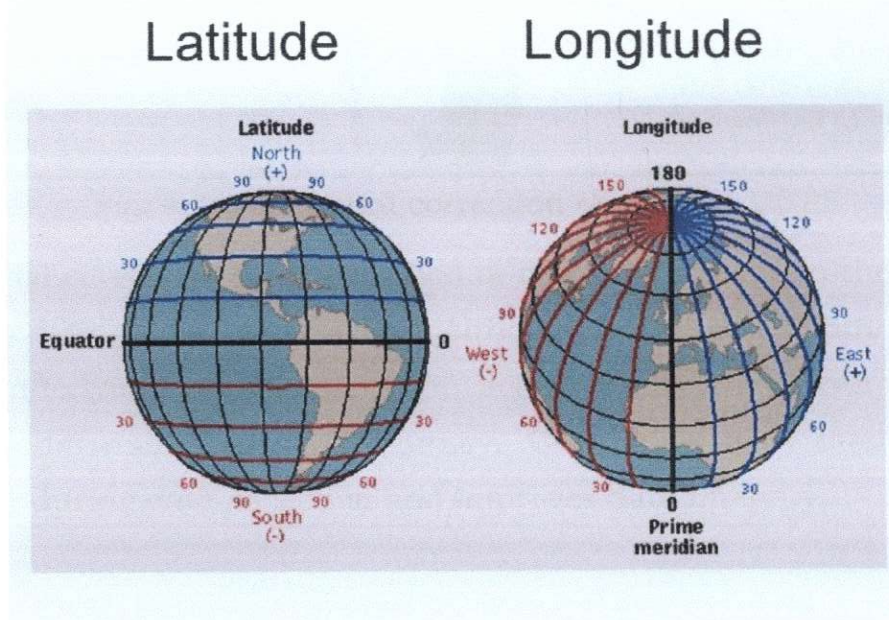


Fig. 4.4 Latitude & Longitude

Differential GPS (DGPS) is a system in which differences between observed and computed co-ordinates ranges(known as differential corrections) at a particular known point are transmitted to users (GPS receivers at other points) to upgrade the accuracy of the users receivers position.

Differential positioning user finds the point position derived from the satellite signals and applies correction to that position. These corrections, difference of the determined position and the known position are generated by a Reference Receiver, whose position is known and is fed to the instrument and are used by the second Receiver to correct its internally generated position. This is known as Differential GPS positioning.



Differential correction is a technique that greatly increases the accuracy of the collected DGPS data. It involves using a receiver at a known location - the "base station"- and comparing that data with DGPS positions collected from unknown locations with "roving receivers.

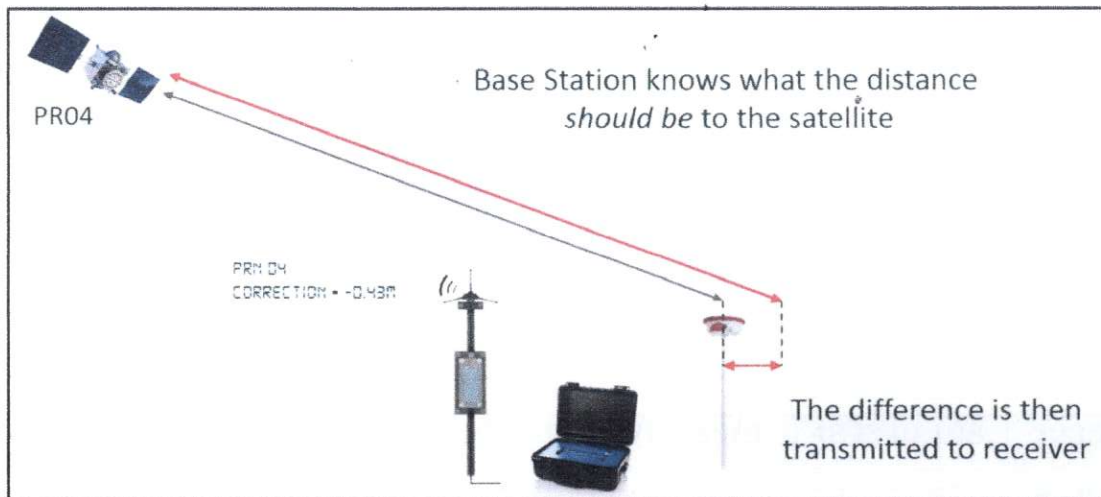


Fig. 4.5 Differential correction of error by DGPS

Differential correction can be applied in real-time directly in the field or when post processing data in the office. Although both methods are based on the same underlying principles, each accesses different data sources and achieves different levels of accuracy. Combining both methods provides flexibility during data collection and improves data integrity.



5. PROCEDURE FOR SURVEY

5.1 Establishment of Primary Control Point:

Based on the input data and information provided by the Forest Department DGPS base station (Primary Control Point) near the survey area is planned. So two base station was established near the proposed 33 KV Electric Line (Underground) & widening of Approach Road Area, Village-Hahaladdi of Tehsil - Durgukondal, District - North Bastar kanker, Chhattisgarh.

Co-ordinate of the Primary Control Point

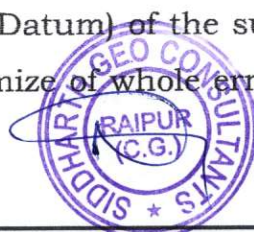
POINT NAME	LONGITUDE			LATITUDE			UTM Co-ordinates (WGS84)	
	D	M	S	D	M	S	Easting (X)	Northing (Y)
BASE 1	80	53	52.64455	20	12	47.93110	489340.198	2235090.223
BASE 2	80	53	49.26834	20	13	22.44447	489242.887	2236151.213

5.2 DGPS Survey of 33 KV Electric Line (Underground) & Widening of Approach Road Area Boundary:

DGPS survey was carried out using a pair of DGPS instrument. One DGPS Instrument was used as Base Station and the other DGPS instrument was working as Rover. Base station fix at a stationary position while the Rover move by the survey team by walking along Area boundary to be survey and collect a survey point on each and every turn or bend of forest patch boundary. The distance between the Base Station and rover was always less than 3 km. The survey was conducted in Real Time Kinematic (RTK) mode.

5.3 Geo-referencing of maps:

Maps like Forest map, Toposheet Maps, Vegetation Map etc. in which Surveyed area boundary falls are Geo referencing by collected minimum four or more DGPS referenced point on survey field area for geo referencing of map it is necessary that this referenced point location is also show in maps. In GIS software on the bases of this collected survey point, map is registered by input the four or more different coordinate value (WGS 84 Datum) of the survey point on definite location mark on map and after the minimize of whole error creating



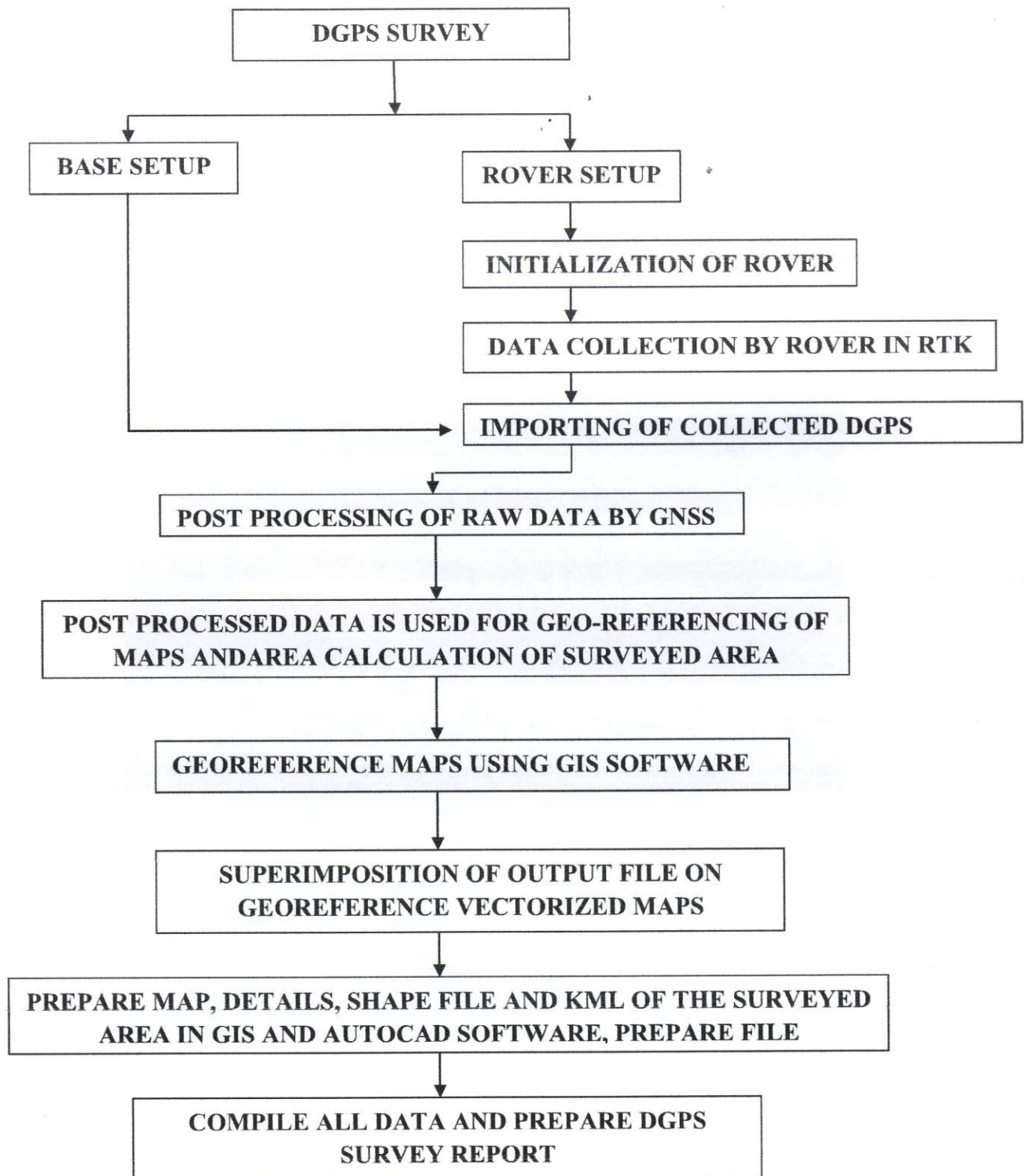
during geo referencing the map, finally the map is geo referenced and Surveyed area boundary vector in the form of shape file has been prepared.

5.4 GIS Analysis:

The surveyed points captured through DGPS were plotted in the GIS Software and the boundary line was created by joining the points. The boundary polygon was created using the boundary lines. The boundary points given by the Forest Department was verified and the 33 KV Electric Line (Underground) & widening of Approach Road area boundary polygon was created and a map layout is printed. After Geo-referencing the forest map the total surveyed area is digitized and new vector layers are prepared. Land Schedule for the surveyed area land is prepared and the final area statement is computed from the digitized layers. The Boundary polygon vector layer are superimposed on Geo-referenced forest map (1:15000), Survey of India Toposheet map (1:50000), Vegetation map 1:15000 scale etc. and create a map layout of the surveyed area. After this Land Schedule for the surveyed area is prepared and final area statement is computed from the digitized layers.



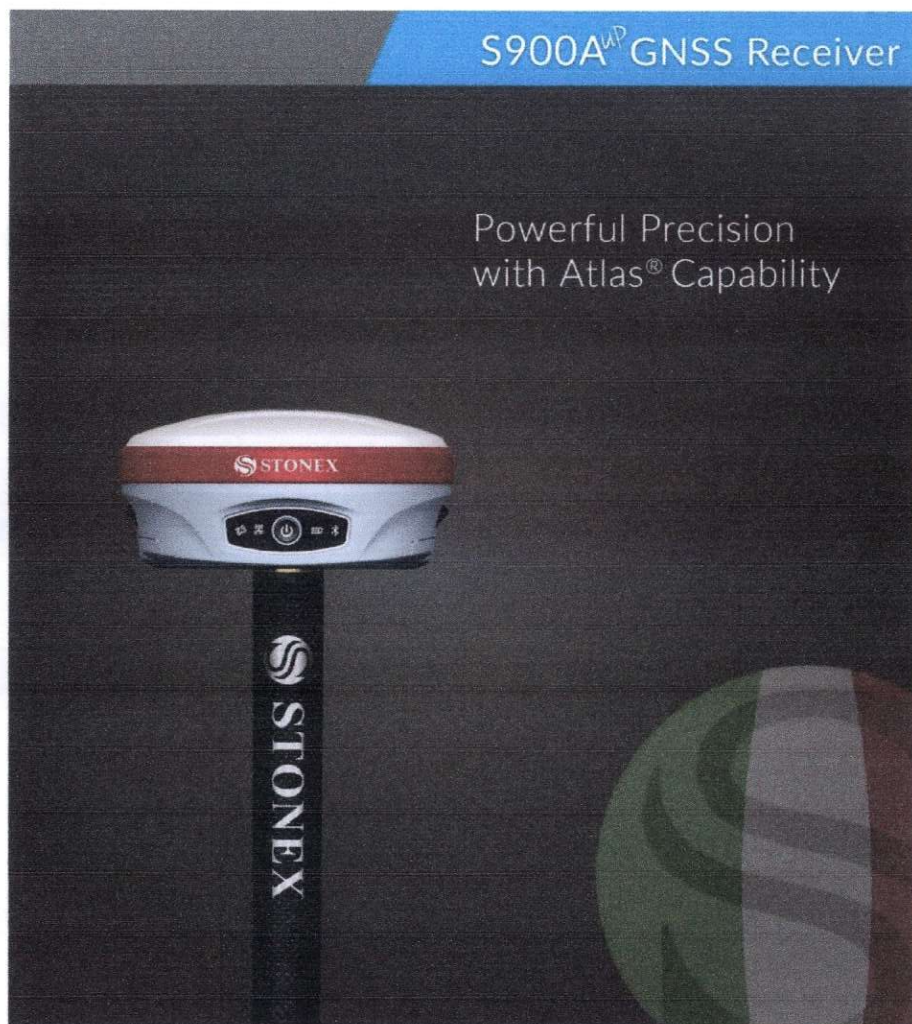
5.5 FLOW CHART OF DGPS SURVEY PROCEDURE





6. SPECIFICATION OF DGPS EQUIPMENT

We deployed a high performance GNSS board 600 channels and capable of supporting multiple satellite constellations devices to carry out the DGPS survey. The technical specification is given below:



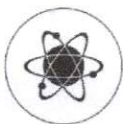
S900A^{UP} Powerful Precision with Atlas® Capability

Stonex S900A is equipped with an high performance GNSS board 600 channels and capable of supporting multiple satellite constellations: GPS, GLONASS, BEIDOU and GALILEO, including L-Band correction.

Through the 4G GSM modem a fast internet connection is guaranteed for the reception of correction data and the management of the maps in the background. In the amazingly compact structure the Bluetooth and Wi-Fi modules allow always reliable data flow to the controller, and the integrated TX/RX UHF radiomodem with selectable frequencies, make S900A the perfect system for a GNSS Base + Rover.

Stonex S900A integrates E-Bubble sensor that allows the measurement of difficult points with the pole not levelled. It is possible to measure points with an inclination of the pole up to 30° even in harsh environments and in the presence of magnetic fields.

Thanks to measurement routine integrated into the field software, the management of tilt function is simple and intuitive.



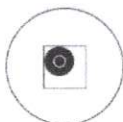
MULTI CONSTELLATION

Stonex S900A with its 600 channels, provides an excellent on board real time navigation solution with high accuracy. All GNSS signals (GPS, GLONASS, BEIDOU and GALILEO) are included, no additional cost.



WEB UI CONTROL

To initialize, manage, monitor the settings of the receiver and to download data using portable or PC, smartphone or tablet with Wi-Fi capability.



ELECTRONIC BUBBLE

On S900A through E-Bubble it can be displayed directly on software if the pole is vertical and the point will be recorded automatically when the pole is in bubble. This makes the acquisition of points extremely fast.



INTELLIGENT BATTERIES

The dual slot for two Smart hot swappable batteries gives you up to 12 hours using the integrated UHF radiomodem. The power level can be checked and seen on the controller or directly on a led bar on the battery.



RUGGED RTK

With IP67 Certification Stonex S900A will ensure operations in various kinds of extremely tough environments.



S900A^{WD} TECHNICAL FEATURES

RECEIVER

Satellite Tracked	GPS: L1 C/A, L1C, L1P, L2C, L2P, L5
	GLONASS: L1 C/A, L1P, L2C, L2P, L3
	BEIDOU: B1, B2, B3
	GALILEO: E1, E5a, E5b, Alt-BOC, E6
	QZSS: L1 C/A, L1C, L2C, L5
	SBAS: L1, L5
L-Band	Atlas H10 / H30 / Basic
Channels	600
Position Rate	5 Hz, optional 20Hz
Signal Reacquisition	< 1 sec
RTK Signal Initialization	Typically < 10 sec
Hot Start	Typically < 15 sec
Initialization Reliability	> 99.9 %
Internal Memory	8 GB
Micro SD Card	Expansion slot up to 32 GB

POSITIONING¹

HIGH PRECISION STATIC SURVEYING	
Horizontal	2.5 mm + 0.1 ppm RMS
Vertical	3.5 mm + 0.4 ppm RMS
CODE DIFFERENTIAL POSITIONING	
Horizontal	0.25 m RMS
Vertical	0.45 m RMS
SBAS POSITIONING ²	
Horizontal	0.30 m RMS
Vertical	0.60 m RMS
REAL TIME KINEMATIC (< 30 Km) – NETWORK SURVEYING ³	
Fixed RTK Horizontal	8 mm + 1 ppm RMS
Fixed RTK Vertical	15 mm + 1 ppm RMS

INTEGRATED GNSS ANTENNA

High accuracy four constellation micro-strip antenna, zero phase center, with internal multipath suppressive board

INTERNAL RADIO

Type	Tx - Rx
Frequency Range	410 - 470 MHz
Channel Spacing	12.5 KHz / 25 KHz
Range	3-4 Km in urban environment
	Up to 10 Km with optimal conditions ⁴

INTERNAL MODEM

Band	GSM/GPRS/EDGE LTE/UMTS/WCDMA
------	---------------------------------

COMMUNICATION

I/O Connectors	7-pins Lemo and 5-pins Lemo interfaces. Multifunction cable with USB interface for PC connection
Bluetooth	2.1 + EDR, V4.0
Wi-Fi	802.11 b/g/n
Web UI	To upgrade the software, manage the status and settings, data download, etc. via smart phone, tablet or other internet enabled electronic device
Reference outputs	RTCM 2.3, 3.2 CMR, CMR+, ROX
Navigation outputs	GGA, ZDA, GSA, GSV, GST, VTG, RMC, GLL

POWER SUPPLY

Battery	2 rechargeable and replaceable 7.2 V - 3400 mAh Intelligent lithium batteries
Voltage	9 to 28 V DC external power input with over-voltage protection (5 pins Lemo)
Working Time	Up to 12 hours (2 batteries hot swap)
Charge Time	Typically 4 hours

PHYSICAL SPECIFICATION

Dimensions	φ 157 mm x 76 mm
Weight	1.19 Kg (with one battery) 1.30 Kg (with two batteries)
Operating Temperature	-30°C to 65°C (-22°F to 149°F)
Storage Temperature	-40°C to 80°C (-40°F to 176°F)
Waterproof/Dustproof	IP67 / IP68 ⁵
MIL-STD	MIL-STD-810F
Shock Resistance	Designed to endure to a 2 m pole drop on concrete floor with no damage
Vibration	Vibration resistant



7. OUTPUT

After DGPS survey of 33 KV Electric Line (Underground) & widening of Approach Road Area At Hahaladdi village, the total forest land area demarcated as **1.40** Ha.

7.1 DGPS SURVEYED BOUNDARY CO-ORDINATES OF 33 KV ELECTRIC LINE (UNDERGROUND) & WIDENING OF APPROACH ROAD AT HAHALADDI, AREA 1.40 HECTARE

POINT ID	GEOGRAPHICAL COORDINATES		UTM COORDINATES	
	LONGITUDE	LATITUDE	NORTHING	EASTING
R01	80° 53' 51.11414"E	20° 12' 33.18881"N	2234637.0766	489295.5091
R02	80° 53' 50.97890"E	20° 12' 33.15391"N	2234636.0063	489291.5840
R03	80° 53' 50.75358"E	20° 12' 33.09620"N	2234634.2363	489285.0444
R04	80° 53' 50.34577"E	20° 12' 33.64744"N	2234651.1886	489273.2209
R05	80° 53' 50.30973"E	20° 12' 33.55358"N	2234648.3040	489272.1733
R06	80° 53' 50.24958"E	20° 12' 33.39709"N	2234643.4946	489270.4249
R07	80° 53' 49.48672"E	20° 12' 33.75568"N	2234654.5313	489248.2947
R08	80° 53' 49.45801"E	20° 12' 33.66072"N	2234651.6128	489247.4598
R09	80° 53' 49.41009"E	20° 12' 33.50264"N	2234646.7543	489246.0662
R10	80° 53' 48.67180"E	20° 12' 34.10292"N	2234665.2200	489224.6536
R11	80° 53' 48.62266"E	20° 12' 34.01672"N	2234662.5711	489223.2260
R12	80° 53' 48.54062"E	20° 12' 33.87322"N	2234658.1615	489220.8426
R13	80° 53' 47.94754"E	20° 12' 34.53700"N	2234678.5766	489203.6451
R14	80° 53' 47.88837"E	20° 12' 34.45700"N	2234676.1185	489201.9265
R15	80° 53' 47.78988"E	20° 12' 34.32326"N	2234672.0091	489199.0659
R16	80° 53' 47.37819"E	20° 12' 34.94674"N	2234691.1821	489187.1313
R17	80° 53' 47.30982"E	20° 12' 34.87327"N	2234688.9249	489185.1459
R18	80° 53' 47.19768"E	20° 12' 34.74961"N	2234685.1257	489181.8894
R19	80° 53' 47.17269"E	20° 12' 34.72653"N	2234684.4167	489181.1638
R20	80° 53' 47.16544"E	20° 12' 35.15026"N	2234697.4421	489180.9616
R21	80° 53' 47.08377"E	20° 12' 35.08945"N	2234695.5743	489178.5905
R22	80° 53' 46.94744"E	20° 12' 34.98822"N	2234692.4650	489174.6324
R23	80° 53' 46.92019"E	20° 12' 34.96802"N	2234691.8446	489173.8413
R24	80° 53' 46.76481"E	20° 12' 35.76112"N	2234716.2270	489169.3477
R25	80° 53' 46.67730"E	20° 12' 35.70912"N	2234714.6301	489166.8073
R26	80° 53' 46.53160"E	20° 12' 35.62250"N	2234711.9701	489162.5776
R27	80° 53' 46.50234"E	20° 12' 35.60493"N	2234711.4305	489161.7282
J28	80° 53' 46.16875"E	20° 12' 36.63952"N	2234743.2395	489152.0679
R29	80° 53' 46.07941"E	20° 12' 36.59018"N	2234741.7245	489149.4745
R30	80° 53' 45.93087"E	20° 12' 36.50749"N	2234739.1853	489145.1625
R31	80° 53' 45.90103"E	20° 12' 36.49122"N	2234738.6857	489144.2963
R32	80° 53' 45.59924"E	20° 12' 37.64149"N	2234774.0501	489135.5610
R33	80° 53' 45.50218"E	20° 12' 37.60560"N	2234772.9486	489132.7438



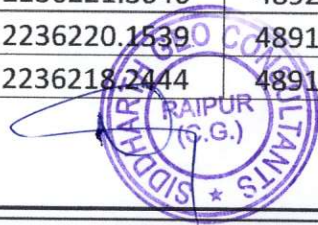
R34	80° 53' 45.34054"E	20° 12' 37.54598"N	2234771.1189	489128.0522
R35	80° 53' 45.30814"E	20° 12' 37.53424"N	2234770.7586	489127.1117
R36	80° 53' 45.51366"E	20° 12' 37.95436"N	2234783.6692	489133.0837
R37	80° 53' 45.41301"E	20° 12' 37.93176"N	2234782.9763	489130.1625
R38	80° 53' 45.24540"E	20° 12' 37.89457"N	2234781.8362	489125.2981
R39	80° 53' 45.21188"E	20° 12' 37.88676"N	2234781.5967	489124.3252
R40	80° 53' 45.36515"E	20° 12' 38.60451"N	2234803.6573	489128.7867
R41	80° 53' 45.26282"E	20° 12' 38.58998"N	2234803.2125	489125.8170
R42	80° 53' 45.09207"E	20° 12' 38.56546"N	2234802.4619	489120.8617
R43	80° 53' 45.05798"E	20° 12' 38.56057"N	2234802.3122	489119.8723
R44	80° 53' 45.32385"E	20° 12' 39.05075"N	2234817.3753	489127.5969
R45	80° 53' 45.21847"E	20° 12' 39.06709"N	2234817.8795	489124.5393
R46	80° 53' 45.04311"E	20° 12' 39.09398"N	2234818.7093	489119.4511
R47	80° 53' 45.00790"E	20° 12' 39.09949"N	2234818.8793	489118.4295
R48	80° 53' 45.42450"E	20° 12' 39.26905"N	2234824.0839	489130.5218
R49	80° 53' 45.33651"E	20° 12' 39.32247"N	2234825.7277	489127.9695
R50	80° 53' 45.18956"E	20° 12' 39.41150"N	2234828.4671	489123.7070
R51	80° 53' 45.16026"E	20° 12' 39.42936"N	2234829.0166	489122.8571
R52	80° 53' 46.12497"E	20° 12' 40.00548"N	2234846.7088	489150.8623
R53	80° 53' 46.05039"E	20° 12' 40.07322"N	2234848.7925	489148.6994
R54	80° 53' 45.92616"E	20° 12' 40.18600"N	2234852.2616	489145.0967
R55	80° 53' 45.90142"E	20° 12' 40.20876"N	2234852.9616	489144.3792
R56	80° 53' 47.98690"E	20° 12' 41.70960"N	2234899.0591	489204.9246
R57	80° 53' 47.90457"E	20° 12' 41.77015"N	2234900.9219	489202.5367
R58	80° 53' 47.76698"E	20° 12' 41.87091"N	2234904.0217	489198.5461
R59	80° 53' 47.73969"E	20° 12' 41.89104"N	2234904.6410	489197.7545
R60	80° 53' 49.41144"E	20° 12' 44.05743"N	2234971.2049	489246.3067
R61	80° 53' 49.31476"E	20° 12' 44.09424"N	2234972.3382	489243.5020
R62	80° 53' 49.15330"E	20° 12' 44.15562"N	2234974.2279	489238.8179
R63	80° 53' 49.12119"E	20° 12' 44.16793"N	2234974.6069	489237.8864
R64	80° 53' 50.10884"E	20° 12' 46.67456"N	2235051.6421	489266.5937
R65	80° 53' 50.00870"E	20° 12' 46.69920"N	2235052.4013	489263.6883
R66	80° 53' 49.84184"E	20° 12' 46.73977"N	2235053.6514	489258.8472
R67	80° 53' 49.80861"E	20° 12' 46.74819"N	2235053.9109	489257.8831
R68	80° 53' 50.80243"E	20° 12' 49.12429"N	2235126.9335	489286.7667
R69	80° 53' 50.70415"E	20° 12' 49.15522"N	2235127.8861	489283.9154
R70	80° 53' 50.54042"E	20° 12' 49.20717"N	2235129.4860	489279.1653
R71	80° 53' 50.50773"E	20° 12' 49.21722"N	2235129.7955	489278.2169
R72	80° 53' 51.84922"E	20° 12' 51.56626"N	2235201.9801	489317.1883
R73	80° 53' 51.75168"E	20° 12' 51.59876"N	2235202.9809	489314.3586
R74	80° 53' 51.58910"E	20° 12' 51.65298"N	2235204.6505	489309.6420
R75	80° 53' 51.55641"E	20° 12' 51.66403"N	2235204.9908	489308.6936
R76	80° 53' 52.63844"E	20° 12' 54.01965"N	2235277.3824	489340.1360
R77	80° 53' 52.53921"E	20° 12' 54.04701"N	2235278.2253	489337.2571



R78	80° 53' 52.37379"E	20° 12' 54.09277"N	2235279.6349	489332.4579
R79	80° 53' 52.34085"E	20° 12' 54.10220"N	2235279.9253	489331.5022
R80	80° 53' 53.39161"E	20° 12' 56.53182"N	2235354.5923	489362.0384
R81	80° 53' 53.29402"E	20° 12' 56.56453"N	2235355.5995	489359.2072
R82	80° 53' 53.13116"E	20° 12' 56.61907"N	2235357.2790	489354.4825
R83	80° 53' 53.09876"E	20° 12' 56.62980"N	2235357.6094	489353.5426
R84	80° 53' 54.47410"E	20° 12' 58.90827"N	2235427.6244	489393.4940
R85	80° 53' 54.37773"E	20° 12' 58.94402"N	2235428.7250	489390.6983
R86	80° 53' 54.21742"E	20° 12' 59.00346"N	2235430.5550	489386.0477
R87	80° 53' 54.18531"E	20° 12' 59.01544"N	2235430.9239	489385.1162
R88	80° 53' 55.40806"E	20° 13' 01.37802"N	2235503.5271	489420.6413
R89	80° 53' 55.31049"E	20° 13' 01.41024"N	2235504.5193	489417.8107
R90	80° 53' 55.14763"E	20° 13' 01.46380"N	2235506.1686	489413.0860
R91	80° 53' 55.11523"E	20° 13' 01.47453"N	2235506.4990	489412.1460
R92	80° 53' 56.73195"E	20° 13' 05.04851"N	2235616.3334	489459.1253
R93	80° 53' 56.63266"E	20° 13' 05.07586"N	2235617.1759	489456.2447
R94	80° 53' 56.46696"E	20° 13' 05.12133"N	2235618.5765	489451.4374
R95	80° 53' 56.43373"E	20° 13' 05.13040"N	2235618.8559	489450.4734
R96	80° 53' 57.29619"E	20° 13' 07.24702"N	2235683.9049	489475.5388
R97	80° 53' 57.19534"E	20° 13' 07.26805"N	2235684.5532	489472.6128
R98	80° 53' 57.02679"E	20° 13' 07.30308"N	2235685.6330	489467.7227
R99	80° 53' 56.99328"E	20° 13' 07.30988"N	2235685.8426	489466.7505
R100	80° 53' 57.73798"E	20° 13' 09.34918"N	2235748.5169	489488.3973
R101	80° 53' 57.63476"E	20° 13' 09.36026"N	2235748.8593	489485.4024
R102	80° 53' 57.46311"E	20° 13' 09.37837"N	2235749.4190	489480.4220
R103	80° 53' 57.42870"E	20° 13' 09.38193"N	2235749.5291	489479.4236
R104	80° 53' 57.83319"E	20° 13' 12.49532"N	2235845.2266	489491.2186
R105	80° 53' 57.72883"E	20° 13' 12.46285"N	2235844.2303	489488.1899
R106	80° 53' 57.55466"E	20° 13' 12.40906"N	2235842.5799	489483.1351
R107	80° 53' 57.51999"E	20° 13' 12.39834"N	2235842.2510	489482.1289
R108	80° 53' 56.28040"E	20° 13' 14.37183"N	2235902.9373	489446.1974
R109	80° 53' 56.19872"E	20° 13' 14.31195"N	2235901.0981	489443.8262
R110	80° 53' 56.06268"E	20° 13' 14.21238"N	2235898.0398	489439.8769
R111	80° 53' 56.03542"E	20° 13' 14.19218"N	2235897.4193	489439.0856
R112	80° 53' 56.14602"E	20° 13' 14.53634"N	2235907.9967	489442.3012
R113	80° 53' 55.98999"E	20° 13' 14.56748"N	2235908.9567	489437.7744
R114	80° 53' 55.72993"E	20° 13' 14.61972"N	2235910.5672	489430.2294
R115	80° 53' 55.67791"E	20° 13' 14.63008"N	2235910.8865	489428.7202
R116	80° 53' 55.05619"E	20° 13' 15.87042"N	2235949.0252	489410.7035
R117	80° 53' 54.98034"E	20° 13' 15.80350"N	2235946.9695	489408.5013
R118	80° 53' 54.85398"E	20° 13' 15.69187"N	2235943.5403	489404.8327
R119	80° 53' 54.82838"E	20° 13' 15.66973"N	2235942.8601	489404.0895
R120	80° 53' 52.53048"E	20° 13' 17.98253"N	2236013.9958	489337.4568
R121	80° 53' 52.46170"E	20° 13' 17.90961"N	2236011.7555	489335.4597



R122	80° 53' 52.34697"E	20° 13' 17.78826"N	2236008.0273	489332.1283
R123	80° 53' 52.32426"E	20° 13' 17.76385"N	2236007.2774	489331.4689
R124	80° 53' 50.55149"E	20° 13' 19.65671"N	2236065.4951	489280.0660
R125	80° 53' 50.47018"E	20° 13' 19.59423"N	2236063.5759	489277.7055
R126	80° 53' 50.33500"E	20° 13' 19.49037"N	2236060.3857	489273.7811
R127	80° 53' 50.30772"E	20° 13' 19.46956"N	2236059.7465	489272.9891
R128	80° 53' 49.97216"E	20° 13' 20.60073"N	2236094.5244	489263.2741
R129	80° 53' 49.88929"E	20° 13' 20.54100"N	2236092.6898	489260.8684
R130	80° 53' 49.66702"E	20° 13' 20.57923"N	2236093.8690	489254.4197
R131	80° 53' 49.84825"E	20° 13' 20.28338"N	2236084.7714	489259.6726
R132	80° 53' 49.82636"E	20° 13' 20.25408"N	2236083.8711	489259.0369
R133	80° 53' 48.98738"E	20° 13' 20.69665"N	2236097.4907	489234.7015
R134	80° 53' 48.91858"E	20° 13' 20.44383"N	2236089.7203	489232.7004
R135	80° 53' 48.90976"E	20° 13' 20.41226"N	2236088.7500	489232.4438
R136	80° 53' 48.46130"E	20° 13' 20.86282"N	2236102.6082	489219.4399
R137	80° 53' 48.34442"E	20° 13' 20.62531"N	2236095.3093	489216.0440
R138	80° 53' 48.32966"E	20° 13' 20.59568"N	2236094.3988	489215.6152
R139	80° 53' 47.95429"E	20° 13' 21.15484"N	2236111.5940	489204.7341
R140	80° 53' 47.80482"E	20° 13' 20.93592"N	2236104.8671	489200.3929
R141	80° 53' 47.78610"E	20° 13' 20.90859"N	2236104.0274	489199.8492
R142	80° 53' 47.49866"E	20° 13' 21.44748"N	2236120.5979	489191.5192
R143	80° 53' 47.35618"E	20° 13' 21.22413"N	2236113.7348	489187.3807
R144	80° 53' 47.33829"E	20° 13' 21.19616"N	2236112.8753	489186.8611
R145	80° 53' 46.93204"E	20° 13' 21.73014"N	2236129.2970	489175.0836
R146	80° 53' 46.81010"E	20° 13' 21.49672"N	2236122.1240	489171.5409
R147	80° 53' 46.79505"E	20° 13' 21.46742"N	2236121.2236	489171.1036
R148	80° 53' 46.22937"E	20° 13' 22.03345"N	2236138.6335	489154.7008
R149	80° 53' 46.12074"E	20° 13' 21.79423"N	2236131.2819	489151.5442
R150	80° 53' 46.10713"E	20° 13' 21.76431"N	2236130.3624	489151.1487
R151	80° 53' 45.70111"E	20° 13' 22.23313"N	2236144.7812	489139.3767
R152	80° 53' 45.61990"E	20° 13' 21.98355"N	2236137.1106	489137.0155
R153	80° 53' 45.60968"E	20° 13' 21.95230"N	2236136.1502	489136.7183
R154	80° 53' 45.17019"E	20° 13' 22.34238"N	2236148.1492	489123.9736
R155	80° 53' 45.14838"E	20° 13' 22.08050"N	2236140.0994	489123.3358
R156	80° 53' 45.14553"E	20° 13' 22.04767"N	2236139.0903	489123.2524
R157	80° 53' 49.12030"E	20° 13' 21.99561"N	2236137.4179	489238.5831
R158	80° 53' 49.02727"E	20° 13' 21.95238"N	2236136.0907	489235.8830
R159	80° 53' 48.87272"E	20° 13' 21.88009"N	2236133.8713	489231.3972
R160	80° 53' 48.51020"E	20° 13' 23.37832"N	2236179.9330	489220.9070
R161	80° 53' 48.41592"E	20° 13' 23.33823"N	2236178.7024	489218.1706
R162	80° 53' 48.25852"E	20° 13' 23.27145"N	2236176.6524	489213.6022
R163	80° 53' 47.82024"E	20° 13' 24.72378"N	2236221.3046	489200.9130
R164	80° 53' 47.72446"E	20° 13' 24.68629"N	2236220.1539	489198.1331
R165	80° 53' 47.56509"E	20° 13' 24.62408"N	2236218.2444	489193.5077



R166	80° 53' 47.21514"E	20° 13' 26.37303"N	2236272.0130	489183.3872
R167	80° 53' 47.11779"E	20° 13' 26.34013"N	2236271.0034	489180.5619
R168	80° 53' 46.95554"E	20° 13' 26.28505"N	2236269.3132	489175.8530
R169	80° 53' 46.53092"E	20° 13' 28.10316"N	2236325.2091	489163.5673
R170	80° 53' 46.43401"E	20° 13' 28.06874"N	2236324.1528	489160.7548
R171	80° 53' 46.27291"E	20° 13' 28.01139"N	2236322.3928	489156.0792
R172	80° 53' 45.87783"E	20° 13' 29.73009"N	2236375.2323	489144.6489
R173	80° 53' 45.78129"E	20° 13' 29.69490"N	2236374.1524	489141.8470
R174	80° 53' 45.62048"E	20° 13' 29.63658"N	2236372.3625	489137.1799
R175	80° 53' 45.27644"E	20° 13' 31.18188"N	2236419.8709	489127.2272
R176	80° 53' 45.17872"E	20° 13' 31.14969"N	2236418.8832	489124.3912
R177	80° 53' 45.01500"E	20° 13' 31.09627"N	2236417.2440	489119.6398
R178	80° 53' 44.72365"E	20° 13' 32.87875"N	2236472.0423	489111.2206
R179	80° 53' 44.62540"E	20° 13' 32.84878"N	2236471.1228	489108.3692
R180	80° 53' 44.46146"E	20° 13' 32.79860"N	2236469.5833	489103.6115
R181	80° 53' 44.14779"E	20° 13' 34.47078"N	2236520.9913	489094.5426
R182	80° 53' 44.07079"E	20° 13' 34.38166"N	2236518.2532	489092.3067
R183	80° 53' 43.94241"E	20° 13' 34.23295"N	2236513.6843	489088.5788
R184	80° 53' 42.29562"E	20° 13' 34.69109"N	2236527.7975	489040.8056
R185	80° 53' 42.34704"E	20° 13' 34.58650"N	2236524.5815	489042.2956
R186	80° 53' 42.43297"E	20° 13' 34.41255"N	2236519.2328	489044.7855

JSW Ispat Special Products Ltd.
(Formerly known as Monnet Ispat & Energy Ltd.)

(Authorised Signatory)

(RAJESH RANA)

Divisional Forest Officer
East Bhanupratappur Division



**7.2 LAND CLASSIFICATION OF 33 KV ELECTRIC LINE (UNDERGROUND) &
WIDENING OF APPROACH ROAD AT HAHALADDI AREA**

LAND CLASSIFICATION OF THE SURVEYED AREA									
FOREST DIVISION	FOREST RANGE	VILLAGE	COMPART MENT NO.	TYPE OF LAND	COMPONENT	LENGTH x WIDTH (In Meter)	AREA (In Hectare)		
EAST BHANUPRATAPPUR	DURGUKONDAL	HAHALADDI	634	RESERVE FOREST LAND	Existing Approach Road	770 m x 3.00 m	0.23		
					Proposed Approach Road for widening Patch A	758 m x 5.00 m	0.38		
					Proposed Approach Road for widening Patch B	145 m x 8.00 m	0.12		
					Proposed Electric Line (Underground)	390 m x 1.00 m	0.04		
			(A) TOTAL						0.77
			640	RESERVE FOREST LAND	Existing Approach Road	1453 m x 3.00 m	0.43		
					Proposed Approach Road for widening	1456 m x 5.00 m	0.73		
					Proposed Electric Line (Underground)	1340 m x 1.00 m	0.13		
			(B) TOTAL						1.29
			GRAND TOTAL (A + B)						2.06
ALREADY DIVERTED FOREST LAND						0.66			
TO BE DIVERTED FOREST LAND						1.40			

JSW Ispat Special Products Ltd.
(Formerly known as Monnet Ispat & Energy Ltd.)

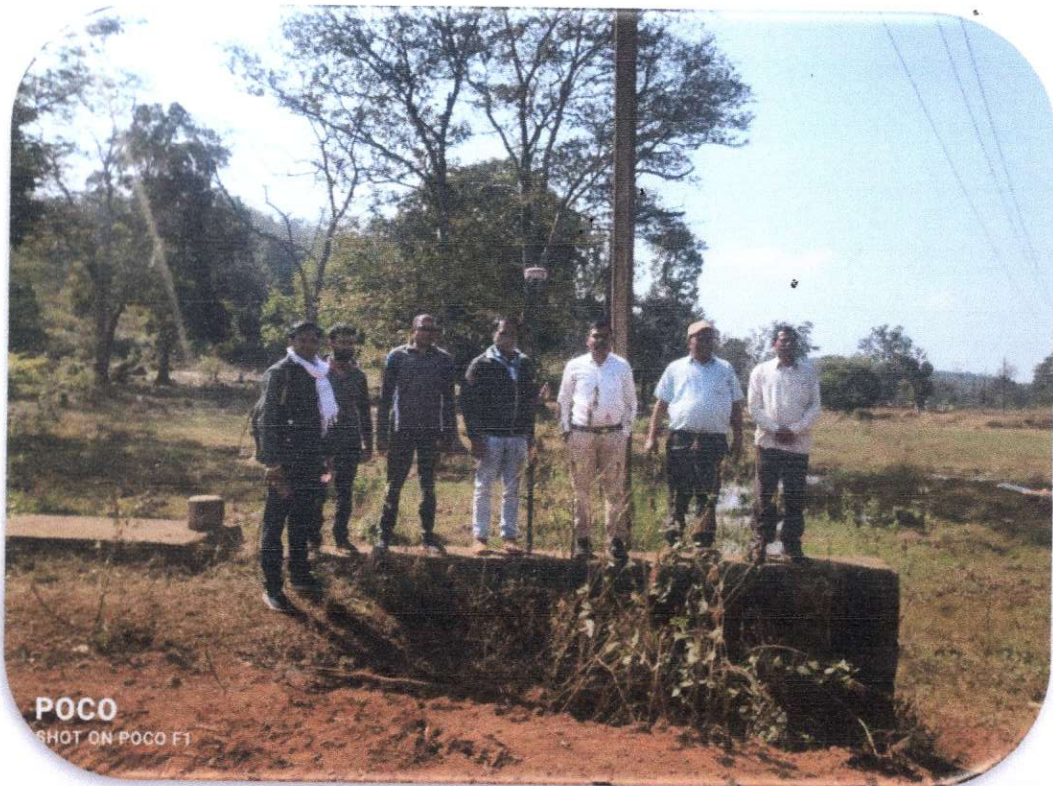
(Authorised Signatory)

(RAJESH RANA)

Divisional Forest Officer
East Bhanupratappur Division



8. PHOTOGRAPHS OF DGPS SURVEY WORK



SURVEY PARTY ALONG WITH FOREST AND ELECTRICAL DEPARTMENT OFFICIALS



FIXATION OF BASE POINT 2 ALONG WITH JSW OFFICIALS





FIXATION OF BOUNDARY POINT



FIXATION OF BOUNDARY POINT

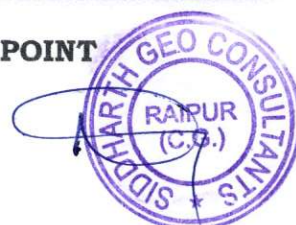


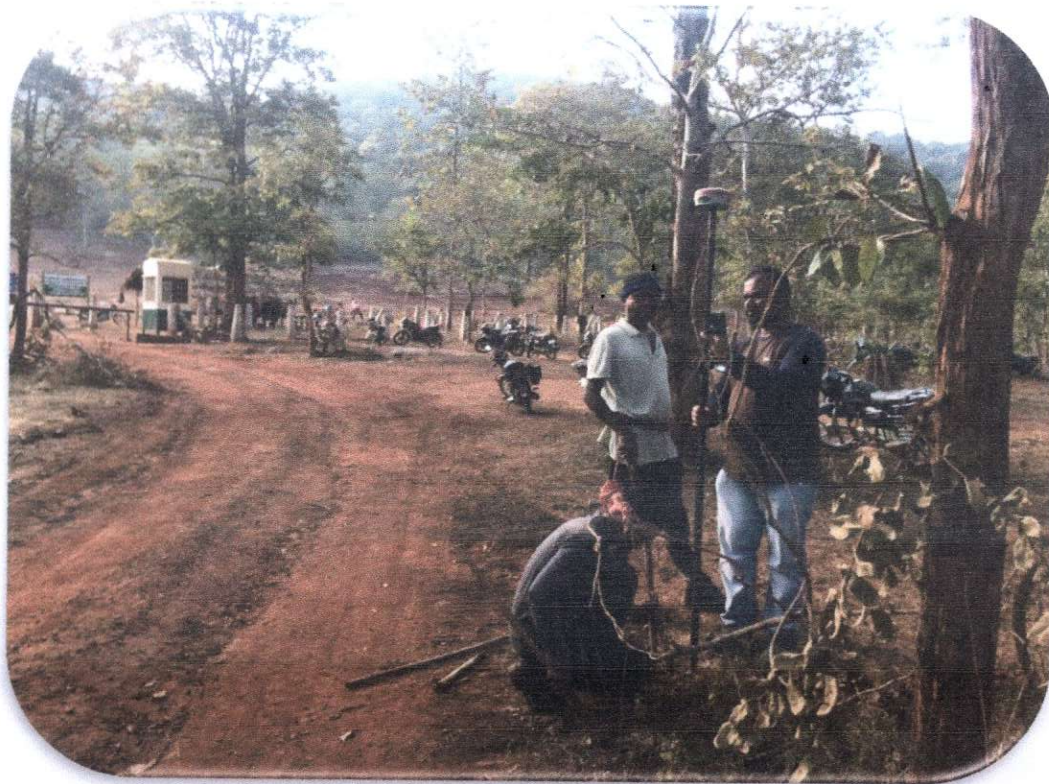


FIXATION OF BOUNDARY POINT



FIXATION OF BOUNDARY POINT





FIXATION OF BOUNDARY POINT



FIXATION OF BOUNDARY POINT





FIXATION OF BOUNDARY POINT



FIXATION OF BOUNDARY POINT



9. EMPANELMENT LETTER OF STATE GOVERNMENT

Bv Speed post

छत्तीसगढ़ शासन
खनिज साधन विभाग
मंत्रालय

महानदी भवन, नवा रायपुर अटल नगर-492002

// अधिसूचना //

25 JAN 2021

अटल नगर, दिनांक जनवरी, 2021

क्रमांक एफ 7-14/2013/12 :: राज्य शासन एतद् द्वारा चीफ कन्ट्रोलर ऑफ माइन्स, भारतीय खान ब्यूरो, नागपुर के परिपत्र क्रमांक 2/2010, दिनांक 06.04.2010 के पैरा-2 के बिन्दु क्रमांक-2 एवं पत्र दिनांक 21.09.2011 तथा भारत सरकार के राजपत्र दिनांक 08.10.2014 एवं खनिज(परमाणु और हाइड्रोकार्बन ऊर्जा खनिजों से भिन्न) रियायत नियम, 2016 के नियम, 12 के अनुपालन में Differential Global Positioning System (डीजीपीएस) का उपयोग करते हुए खनिज कोयला को छोड़कर समस्त खनिजों के खनिज रियायतों के सीमाओं में Precise Boundary Pillar की स्थापना कर सर्वेक्षण करने के लिए नीचे तालिका के कॉलम नंबर-02 में दर्शित संस्थानों को अधिमान्यता प्रदान करता है :-

क्र०	एजेन्सी का नाम एवं पता	अधिमान्यता का विवरण
नवीन अधिमान्यता हेतु अनुशंसित एजेन्सी :-		
1.	मेसर्स छत्तीसगढ़ मिनरल डेवलपमेंट कार्पोरेशन लिमिटेड, सोनाखान भवन, रायपुर	खनिज कोयला को छोड़कर राज्य में समस्त खनिजों की खनिज रियायतों से संबंधित DGPS Survey कार्य हेतु।
नवकरण हेतु अनुशंसित एजेन्सी :-		
2.	मेसर्स सिन्हा मायनिंग कंसल्टेंसी, आफिस नंबर-9, डी कोस्टा कामर्शियल अपार्टमेंट, पुराना रेल्वे स्टेशन गेट, मालभट्ट, मार्ग, गोवा-403601	
3.	मेसर्स सिद्धार्थ जियो कंसल्टेंस, 621/3, प्रथम तल, रामकुण्ड, समता कालोनी, बिहाईण्ड लाईफवर्थ, हास्पिटल, रायपुर	
4.	मेसर्स भारत एल्युमिनियम कंपनी लिमिटेड(बाल्को), कोरवा	

उपर्युक्त तालिका के सरल क्रमांक-01 मेसर्स छत्तीसगढ़ मिनरल डेवलपमेंट कार्पोरेशन लिमिटेड को डीजीपीएस सर्वे कार्य आउटसोर्सिंग के माध्यम से कार्य संपादन किये जाने हेतु नवीन अधिमान्यता प्रदान किये जाने एवं सरल क्रमांक-02 से 04 को विभागीय समसंख्यक अधिसूचना दिनांक 10.11.2017 द्वारा 03 वर्ष की अवधि के लिये सशर्त प्रदान की गई अधिमान्यता की अवधि दिनांक 09.11.2020 को समाप्त हो गई है। अतएव राज्य शासन, एतद्वारा अधिमान्यता का नवकरण दिनांक 09.11.2020 से आगामी 03 वर्ष के लिये नीचे उल्लिखित शर्तों के अधीन प्रदान करती है।

- 2/ अधिमान्यता प्राप्त संस्थानों के लिए निम्नानुसार शर्तें निर्धारित की गई हैं :-
- (1) Each corner of the lease area shall have a boundary pillar (corner pillar).
 - (2) There shall be erected intermediate boundary pillars between the corner pillars in such a way that each pillar is visible from the adjacent pillar located on either side of it.
 - (3) The distance between two adjacent pillars shall not be more than fifty meters.
 - (4) The pillar shall be of square pyramid frustum shaped above the surface and cuboid shaped below the surface.
 - (5) Each pillars shall be of reinforced cement concrete;

-----2

E/ H. K. Singh, Secretary, (G. & M.)



- (6) The corner pillar shall have a base of 0.3m X 0.3m and height of 1.30m of which 0.70m shall be above ground level and 0.60m below the ground;
 - (7) The intermediate pillars shall have a base of 0.25m x 0.25m and height of 1.0m of which 0.70m shall be above ground level and 0.30 m below the ground;
 - (8) All pillars shall be painted in yellow colour and the top ten centimeters in red colour by enamel paint and shall be grouted with cement concrete.
 - (9) On all corner pillars, distance and being to the forward and backward pillars and latitude and longitude shall be marked;
 - (10) Each pillar shall have serial number in a clockwise direction and the number shall be engraved on the pillars;
 - (11) The number of pillars shall be the numbers of the individual pillar upon the total number of pillars in the lease;
 - (12) The tip of all the corner boundary pillars shall be a square of 15 centimeter on which a permanent circle of 10 centimeter diameter shall be drawn by paint or engraved and the actual boundary point shall be intersection of two diameters drawn at 90 degrees.
 - (13) The lease boundary survey shall be accurate within such limits of error as the Control General, Indian Bureau of Mines may specify in this behalf;
 - (14) The location and number of the pillars shall also be shown in the surface and other plans maintained by the lessee; and
 - (15) In case of forest area within the lease, the size and construction and colour of the boundary pillars shall be as per the norms specified by the Forest Department in this behalf.
 - (16) The Survey Agency shall be responsible for the accuracy of the data collected during Survey.
 - (17) Coordinates of boundry pillars shall be established in the World Geodetic System 1984 (WGS-84) Datum.
 - (18) डीजीपीएस सर्वे कार्य हेतु पारिश्रमिक का निर्धारण अधिमान्यता प्राप्त संस्थान एवं खनिज रियायतधारी के मध्य आपसी समन्वय से किया जायेगा। किसी भी प्रकार का आपसी विवाद होने पर राज्य शासन उत्तरदायी नहीं होगा।
 - (19) डीजीपीएस सर्वे कार्य के गुणवत्ता में कमी पाये जाने पर या किसी भी प्रकार की कार्य संबंधी शिकायत पाये जाने पर जांच उपरांत राज्य शासन को यह अधिकार होगा कि उक्त अधिकृत एंजेंसी की मान्यता किसी भी समय समाप्त की जा सकती है।
 - (20) डीजीपीएस सर्वे के संबंध में भारतीय खान ब्यूरो/राज्य शासन द्वारा समय-समय पर जारी निर्देशों का पालन अधिमान्यता प्राप्त संस्थान को करना होगा।
 - (21) राज्य शासन द्वारा जारी यह अधिमान्यता 03 वर्ष के लिए होगी। समयावधि समाप्ति से 03 माह पूर्व अधिकृत एंजेंसी नवीनीकरण हेतु आवेदन कर सकेगा।
- 3/ यह अधिमान्यता/नवकरण अधिसूचना के जारी होने की तिथि से 03 वर्ष के लिए ही मान्य होगी।

छत्तीसगढ़ के राज्यपाल के नाम से
तथा आदेशानुसार,

(Signature) 22/01/21
(अन्वलयन पी०)

सचिव
छत्तीसगढ़ शासन
खनिज साधन विभाग

.....3

E/MSD/Representations doc. (P. Kojur)

