

Presentation

By

CMD

CMPDI, Ranchi

Technical Information on 67 coal blocks under current tranche of Auction

State-wise and Exploration Status-wise distribution of CM (SP) coal blocks

State	CM (SP)				
	No.	Explored	Partially Explored	Resource (Mt)	PRC (Mty)
Chhattisgarh	4	3	1	151.85	3.36 (for 3)
Jharkhand	11	7	4	1532.77	15.46 (for 9)
Madhya Pradesh	1	1	--	177.06	1.26 (for 1)
Maharashtra	3	3	--	308.91	2.91 (for 3)
Odisha	4	3	1	5798.77	50 (for 3)
Total	23	17	6	7969.36	72.99 (For 19)

State-wise and Exploration Status-wise distribution of MMDR Coal blocks

State	MMDR				
	No.	Explored	Partially Explored	Resource (Mt)	PRC (Mty)
Andhra Pradesh	2	2	--	964.85	1.5 (for 2)
Chhattisgarh	14	6	8	6141.02	12.7 (for 6)
Jharkhand	5	2	3	1419.02	15.5 (for 2)
Madhya Pradesh	9	2	7	2242.74	5.12 (for 2)
Maharashtra	4	2	2	801.31	2.73 (for 2)
Odisha	10	6	4	16271.86	36 (for 6)
Total	44	20	24	27840.80	73.55 (for 20)

Coking and Non Coking Blocks status

Coal Type	CM (SP)		MMDR		Total	
	No.	PRC (Mty)	No.	PRC (Mty)	No.	PRC (Mty)
Non-Coking	20	70.61 (for 13)	42	73.55 (For 20)	62	144.16
Coking	3	2.38	0	Not Assessed	3	2.38
Coking+Non-Coking	0	0	2	Not Assessed	2	Not Assessed
Total	23	72.99	44	73.55	67	146.54

Summary of 23 Coal Blocks under CM (SP) Act, 2015

Summary of CMSP Coal blocks in Chhattisgarh

Sl. No.	Mine	Status of Exploration	Exploration Category (G1/G2/G3)	Geological Resource (Mt)	Average Grade	Type of mine (OC/UG/Mixed)	Peak Rated Capacity (Mty)
1	BHASKARPARA	EXPLORED	G1	46.91	G7	Mixed	1.00
2	DATIMA	EXPLORED	G1	13.3	G7	UG	0.36
3	PANCHBAHANI	PARTIALLY EXPLORED	G3	11.003	G7	UG	Not Assessed
4	SHANKARPUR BHATGAON II EXTN	EXPLORED	G1	80.639	G6	Mixed	2.00
Total	Chhattisgarh			151.85			3.36 (For 3)

Summary of CMSP Coal blocks in Jharkhand

Sl. No.	Mine	Status of Exploration	Exploration Category (G1/G2/G3)	Geological Resource (Mt)	Average Grade	Type of mine (OC/UG/ Mixed)	Peak Rated Capacity (Mty)
1	BRINDA	EXPLORED	G1	34.713	G7	Mixed (For Brinda & Sisai)	0.68
2	SISAI	EXPLORED	G1	26.34			
3	BURAKHAP SMALL PATCH	EXPLORED	G1	9.68	G6	OC	0.40
4	CHITARPUR	EXPLORED	G1	222.437	G13	Mixed	3.45
5	CHORITAND TILIAYA	EXPLORED	G1	97.035	W-V	OC	0.78
6	JAINAGAR	PARTIALLY EXPLORED	G2	77.52	G7	Mixed	Not Assessed
7	JOGESHWAR & KHAS JOGESHWAR	PARTIALLY EXPLORED	G2	84.03	W-IV	OC	0.60
8	LALGARH (NORTH)	EXPLORED	G1	27.0384	W-V	OC	1.00
9	LATEHAR	PARTIALLY EXPLORED	G2	22.04	G11	OC	Not Assessed
10	NORTH DHADU	EXPLORED	G1	923.94	G12	OC	8.15
11	RAUTA CLOSED MINE	PARTIALLY EXPLORED	G3	7	G7	OC	0.40
Total	Jharkhand			1532.77			15.46 (For 9)

Summary of CMSP Coal blocks in Maharashtra and Madhya Pradesh

Sl. No.	Mine	Status of Exploration	Exploration Category (G1/G2/G3)	Geological Resource (Mt)	Average Grade	Type of mine (OC/UG/Mixed)	Peak Rated Capacity (Mty)
1	DAHEGAON/ MAKARDHOKRA-IV	EXPLORED	G1	120.999	G8	UG	1.613
2	GONDKHARI	EXPLORED	G1	98.71	G8	UG	1.00
3	KHAPPA & EXTN	EXPLORED	G1	89.207	G8	UG	0.30
Total	Maharashtra			308.91			2.91
1	RAWANWARA NORTH	EXPLORED	G1	177.068	G6	UG	1.26
Total	Madhya Pradesh			177.068			1.26

Summary of CMSP Coal blocks in Odisha

Sl. No.	Mine	Status of Exploration	Exploration Category (G1/G2/G3)	Geological Resource (Mt)	Average Grade	Type of mine (OC/UG/Mixed)	Peak Rated Capacity (Mty)
1	MACHHAKATA	EXPLORED	G1	1400.65	G11	OC [For Machhakata & Mahanadi (Phase-I)]	30.00
2	MAHANADI	EXPLORED	G2	1993.522	G11		
3	NUAGAON TELISAH I	EXPLORED	G1	904.597	G11	OC	20.00
4	RAMCHANDI PROMOTION BLOCK	PARTIALLY EXPLORED	G2	1500	G13	OC/UG	Not Assessed
Total	Odisha			5798.77			50 (For 3)

Summary of 44 Coal Blocks under MMDR Act, 1957

Summary of MMDR Coal blocks in Andhra Pradesh

Sl. No.	Mine	Status of Exploration	Exploration Category (G1/G2/G3)	Geological Resource (Mt)	Average Grade	Type of mine (OC/UG/Mixed)	Tentative Peak Rated Capacity (Mty)
1	CHINTALPUDI SECTOR A1	EXPLORED	G1	867.73	G12	UG	0.50
2	SOMAVARAM WEST	EXPLORED	G1	97.12	G13	UG	1.00
Total	Andhra Pradesh			964.85			1.50

Summary of MMDR Coal blocks in Chhattisgarh

Sl. No.	Mine	Status of Exploration	Exploration Category (G1/G2/G3)	Geological Resource (Mt)	Average Grade	Type of mine (OC/UG/ Mixed)	Tentative Peak Rated Capacity (Mty)
1	BARAPARA	PARTIALLY EXPLORED	G3	20.76	G11	Not Assessed	Not Assessed
2	BARRA	PARTIALLY EXPLORED	G3	900.00	G11	Not Assessed	Not Assessed
3	DHARAMPUR	PARTIALLY EXPLORED	G3	44.96	G9	Not Assessed	Not Assessed
4	DOLESARA	EXPLORED	G1	622.66	G12	UG	1.74
5	EASTERN PART OF GORHI-MAHALOI	EXPLORED	G1	800.88	G13	UG	1.74
6	GHUTRA	PARTIALLY EXPLORED	G3	95.00	G11	Not Assessed	Not Assessed
7	JAREKELA	EXPLORED	G1	610.66	G12	UG	1.74
8	JHARPALAM THANGARGHAT	EXPLORED	G1	788.37	G12	UG	1.74

Summary of MMDR Coal blocks in Chhattisgarh

Sl. No.	Mine	Status of Exploration	Exploration Category (G1/G2/G3)	Geological Resource (Mt)	Average Grade	Type of mine (OC/UG/ Mixed)	Tentative Peak Rated Capacity (Mty)
9	JHIGADOR	PARTIALLY EXPLORED	G3	250.00	G7	Not Assessed	Not Assessed
10	KHARGAON	PARTIALLY EXPLORED	G3	250.00	G7	Not Assessed	Not Assessed
11	MEGHULI	EXPLORED	G1	316.40	G11	OC	4
12	PIPRAUL	PARTIALLY EXPLORED	G3	256.33	G8	Not Assessed	Not Assessed
13	RAMNAGAR	PARTIALLY EXPLORED	G3	600.00	G10	Not Assessed	Not Assessed
14	WESTERN PART OF GORHI-MAHALOI	EXPLORED	G1	585.00	G12	UG	1.74
Total	Chhattisgarh			6141.02			12.7 (For 6)

Summary of MMDR Coal blocks in Jharkhand

Sl. No.	Mine	Status of Exploration	Exploration Category (G1/G2/G3)	Geological Resource (Mt)	Average Grade	Type of mine (OC/UG/Mixed)	Tentative Peak Rated Capacity (Mty)
1	BASANTPUR*	PARTIALLY EXPLORED	G3	9.00	G10	Not Assessed	Not Assessed
2	BINJA	PARTIALLY EXPLORED	G3	50.00	G9	Not Assessed	Not Assessed
3	DHULIA NORTH	EXPLORED	G1	1181.25	G12	OC	14.00
4	GAWA	PARTIALLY EXPLORED	G3	51.48	G11	Not Assessed	Not Assessed
5	TOKISUD BLOCK II	EXPLORED	G1	127.69	G10	OC	1.50
Total	Jharkhand			1419.02			15.5 (For 2)

* Due to presence of CBA acquired land, information related to Basantpur coal block has been revised.

Summary of MMDR Coal blocks in Madhya Pradesh

Sl. No.	Mine	Status of Exploration	Exploration Category (G1/G2/G3)	Geological Resource (Mt)	Average Grade	Type of mine (OC/UG/ Mixed)	Tentative Peak Rated Capacity (Mty)
1	BARIMAHULI	PARTIALLY EXPLORED	G2	116.22	G11	Not Assessed	Not Assessed
2	BEHERABAND NORTH EXTN	PARTIALLY EXPLORED	G2	170.00	W-IV & G9	UG	Not Assessed
3	CHOPNA SHAKTIGARH	PARTIALLY EXPLORED	G3	440.00	W-III & G14	Not Assessed	Not Assessed
4	GONDBAHERA UJHENI	EXPLORED	G1	672.87	G10	Mixed	4.12
5	GONDBAHERA UJHENI EAST	PARTIALLY EXPLORED	G2	250.00	G7	Not Assessed	Not Assessed
6	JAMUI	EXPLORED	G1	208.47	G9	UG	1.00
7	MAIKI SOUTH	PARTIALLY EXPLORED	G3	88.18	G7	Not Assessed	Not Assessed
8	MERKHI WEST	PARTIALLY EXPLORED	G3	100.00	G6	Not Assessed	Not Assessed
9	RAJATHARI SOUTH	PARTIALLY EXPLORED	G3	197.00	G7	Not Assessed	Not Assessed
Total	Madhya Pradesh			2242.74			5.12 (For 2)

Summary of MMDR Coal blocks in Maharashtra

Sl. No.	Mine	Status of Exploration	Exploration Category (G1/G2/G3)	Geological Resource (Mt)	Average Grade	Type of mine (OC/UG/Mixed)	Tentative Peak Rated Capacity (Mty)
1	BHIVKUND	EXPLORED	G1	102.26	G9	OC	0.72
2	DAHEGAON DHAPEWADA & TONDAKHAIRI KHANDALA	EXPLORED	G1	421.58	G8	UG	2.01
3	HINGNA BAZARGAON	PARTIALLY EXPLORED	G3	180.00	G8	Not Assessed	Not Assessed
4	KALAMBI KALMESHWAR	PARTIALLY EXPLORED	G3	97.46	G7	Not Assessed	Not Assessed
Total	Maharashtra			801.31			2.73 (For 2)

Summary of MMDR Coal blocks in Odisha

Sl. No.	Mine	Status of Exploration	Exploration Category (G1/G2/G3)	Geological Resource (Mt)	Average Grade	Type of mine (OC/UG/ Mixed)	Tentative Peak Rated Capacity (Mty)
1	ALAKNANDA	PARTIALLY EXPLORED	G3	500.00	G10	OC	Not Assessed
2	BARTAP	PARTIALLY EXPLORED	G3	2500.00	G11	Not Assessed	Not Assessed
3	BURAPAHAR	EXPLORED	G1	547.89	G12	OC	6.0
4	DIP EXTN OF BELPAHAR	PARTIALLY EXPLORED	G3	2500.00	G10	Not Assessed	Not Assessed
5	DIP SIDE OF CHATABAR	PARTIALLY EXPLORED	G3	2500.00	G12	Not Assessed	Not Assessed
6	KARDABAHAL-BRAHMANBIL	EXPLORED	G1	1066.64	G12	OC	10.00
7	KOSALA WEST	EXPLORED	G1	1599.89	G12	UG	2
8	PHULJHARI EAST & WEST	EXPLORED	G1	2210.84	G13	OC	10.00
9	SARADHAPUR NORTH	EXPLORED	G1	1116.39	G13	OC	6.00
10	TENTULOI	EXPLORED	G1	1730.21	G13	OC	2.00
Total	Odisha			16271.86			36 (For 6)

Submission of additional/revised information

- Coal blocks for which additional/revised information has been submitted are:
 - Chinatalpudi Sector A1
 - Somavaram west
 - Ramchandi promotion block
 - Burapahar
 - Kosala west
 - Gondbahera Ujheni East
 - Jamui
 - Dolesara
 - Jarekela
 - Jhigador
 - Khargaon
 - Rajathari South

Information on mine dossier

Contents of Mine Summary

- **Mine summary**
 - **Part-A:**
 - **Location**
 - **Connectivity with block**
 - **Area**
 - **Climate and topography**
 - **Exploration**
 - **Coal seams and estimated resource**
 - **Grade of coal**
 - **Surface constraints**
 - **Decision Support System (DSS) analysis, and**
 - **Eco-Sensitive Zone (ESZ) analysis**
 - **Part-B:**
 - **Previous allocation**
 - **Target capacity as per mining plan (if available)/ Tentative Peak Rated Capacity**
 - **Status of clearances/ approvals (as per information submitted by prior allottee)**
 - **Noting and disclaimer**
- **Block boundary map on toposheet**
- **Coordinates of cardinal points (provisional)**

Information on DSS and ESZ Analysis

FSI Decision Support System (DSS)

- **Background**

The Group of Ministers (GoM) constituted by the Cabinet Secretariat vide OM No. 121/4/2020-Cab dtd. 03.02.2011 to consider the environmental and development issues related to Coal Mining and other development projects in its 5th Meeting under the Chairmanship of the then Hon'ble Finance Minister on 20th Sep 2011 suggested that identified pristine forest areas where any mining activity would lead to irreversible damage to the forest should be barred from any non forest activities. The GoM further suggested that all such forest which can never be regenerated to the desired quality should be protected. A committee of experts was thus constituted to identify such forests.

Order of MoEF&CC for Constitution of Committee

Copy

F. No. 11-168/2009-FC (pt.)
Government of India
Ministry of Environment and Forests
(FC Division)

Paryavaran Bhawan,
CGO Complex, Lodhi Road,
New Delhi - 110 510.
Dated: 30th March, 2012

ORDER

Whereas, a Group of Ministers (GoM) constituted by the Cabinet Secretariat vide their O.M. No. 121/4/3/2010-Cab. dated 03.02.2011 to consider the environmental and developmental issues relating to coal mining and other development projects, in its fifth meeting held under the Chairmanship of the Hon'ble Finance Minister on 20th September 2011 *inter-alia* suggested that identified pristine forest areas where any mining activity would lead to irreversible damage to the forests should be barred from any kind of non-forest activity;

2. **And whereas**, the GoM further suggested that all such forests which can never be regenerated to the desired quality should be protected;

3. **And whereas**, the GoM further suggested that a committee comprising experts in the field can be constituted to identify such forests;

4. **And whereas**, this Ministry after examination of the matter decided that for identification of pristine forest areas where any mining activity would lead to irreversible damage, and such other forest areas which needs to be conserved and protected to meet the larger objective of the long term conservation of forests and wildlife resources in the country, in an objective and unbiased manner, it may constitute two Committees. **First** to formulate objective parameters for identification of such areas, and **second** to actually identify and prepare geo-referenced maps of the areas that meet these parameters;

5. **Now therefore**, it is hereby decided that a committee, with the following composition, is constituted with immediate effect to formulate objective parameters for identification of inviolate forest areas:

1. Secretary, Environment & Forests, Govt. of India	Chairman
2. Director General of Forests & Special Secretary to the Government of India	Member
3. Addl. Director General of Forests (Wildlife), Ministry of Environment & Forests, Govt. of India	Member
4. Addl. Director General of Forests (Forest Conservation), Ministry of Environment & Forests, Govt. of India	Member
5. Chairperson, National Bio-diversity Authority, Chennai	Member

6. Director General, Forest Survey of India, Dehradun	Member
7. Director, Wildlife Institute of India, Dehradun	Member
8. Member Secretray, National Tiger Conservation Authority (NTCA)	Member
9. Principal Chief Conservator of Forests, Madhya Pradesh	Member
10. Principal Chief Conservator of Forests, Tamil Nadu	Member
11. Principal Chief Conservator of Forests, Uttarakhand	Member
12. Principal Chief Conservator of Forests, Orissa	Member
13. Principal Chief Conservator of Forests, Meghalaya	Member
14. Principal Chief Conservator of Forests, Rajasthan	Member
15. Joint Secretray, Impact Assessment Division, MoEF	Member
16. Inspector General of Forests (Forest Conservation), MoEF	Member-Secretray

6. **And**, it is further decided that committee will submit its report within one month from date of its constitution.

Sd/
(H.C. Chaudhary)
Assistant Inspector General of Forests

1. Chairperson, National Bio-diversity Authority, Chennai.
2. Director General, Forest Survey of India, Dehradun.
3. Director, Wildlife Institute of India, Dehradun.
4. The Member Secretray, National Tiger Conservation Authority (NTCA).
5. Principal Chief Conservator of Forests, Madhya Pradesh.
6. Principal Chief Conservator of Forests, Tamilnadu.
7. Principal Chief Conservator of Forests, Uttarakhand.
8. Principal Chief Conservator of Forests, Orissa.
9. Principal Chief Conservator of Forests, Meghalaya.
10. Principal Chief Conservator of Forests, Rajasthan.
11. Sr. PPS to Secretray, Environment & Forests, MoEF.
12. Sr. PPS to DGF &SS, MoEF.
13. Sr. PPS to Addl. DGF (WL), MoEF.
14. Sr. PPS to Addl. DGF (FC), MoEF
15. PS to IGF (FC), MoEF.
16. PS to JS (RG), MoEF.

Broad Principles for Identification of Inviolable Areas

- The Inviolable areas are sites of significance for conservation of Bio-diversity (Flora and fauna) and Forest types that are unique and ecologically important. Keeping this in mind alongwith other parameters, the committee identified following measurable parameters for identification of Inviolable Areas:
- **Forest Type:** Around 178 forest types were found unique and therefore irreplaceable which included Tropical Wet Evergreen Forest, Myristica Swamp Forests, Reed Breaks, Desert Dunes Shrubs, etc. Based on the principle of their comparative ecological significance, extent and range, uniqueness, etc. an attempt was made to score them on scale of 1 – 100.

Broad Principles for Identification of Inviolable Areas

- **Biological Richness:** Biodiversity offers enormous economic and environmental values that are critical for human well being. Indian Institute of Remote Sensing (IIRS, Dehradun) has carried out Biodiversity Characterization for the entire country at landscape level. Prioritization of the area based on IIRS data on biodiversity has also been taken into account for scoring a site on the basis of this parameter.
- **Wildlife Value:** The country has a network of protected areas (PAN) in its forests. Based on the parameters like wetlands, breeding sites, congregation sites, etc., scoring criteria has been developed by FSI for assigning wildlife value to a site.

Broad Principles for Identification of Inviolate Areas

- **Landscape Integrity:** Integrity of Landscape is an important factor to ensure integration of various elements of habitats, thereby fulfilling the requirement of connectivity, livelihoods and contiguity among them besides lending aesthetic values.
- **Hydrological Value:** Forest play an important role in maintenance of hydrological cycle. Therefore, maintenance of forest cover in catchment areas of first order perennial streams is important for survival of these streams. With availability of information in Geo-spatial format, it is possible to carry out analysis in GIS mode.

Parameters decided by MoEF & CC for the identification of Inviolable and Not Inviolable Areas

MoEF & CC has defined two Decision Rules: **Decision Rule1 (DR-1)** and **Decision Rule 2 & 3 (DR - 2 & 3)**

Decision Rule-1 (Without 50% Rule)

- Any Area of Interest (AOI) which falls within or intersects Protected Area, Tiger Reserve & Wildlife Corridor and area within 1 km from its boundary will be treated as inviolable.
- Any AOI which falls within or intersects Very Dense Forest (VDF) patch having area more than 1 sq.km will be treated as inviolable.
- Any AOI which falls within or intersects Rare Forest Type will be treated as inviolable.
- Any AOI which falls within or intersects 250m buffer from the banks of important rivers, streams and wetlands (more than 10 hectares in area) will be treated as inviolable.

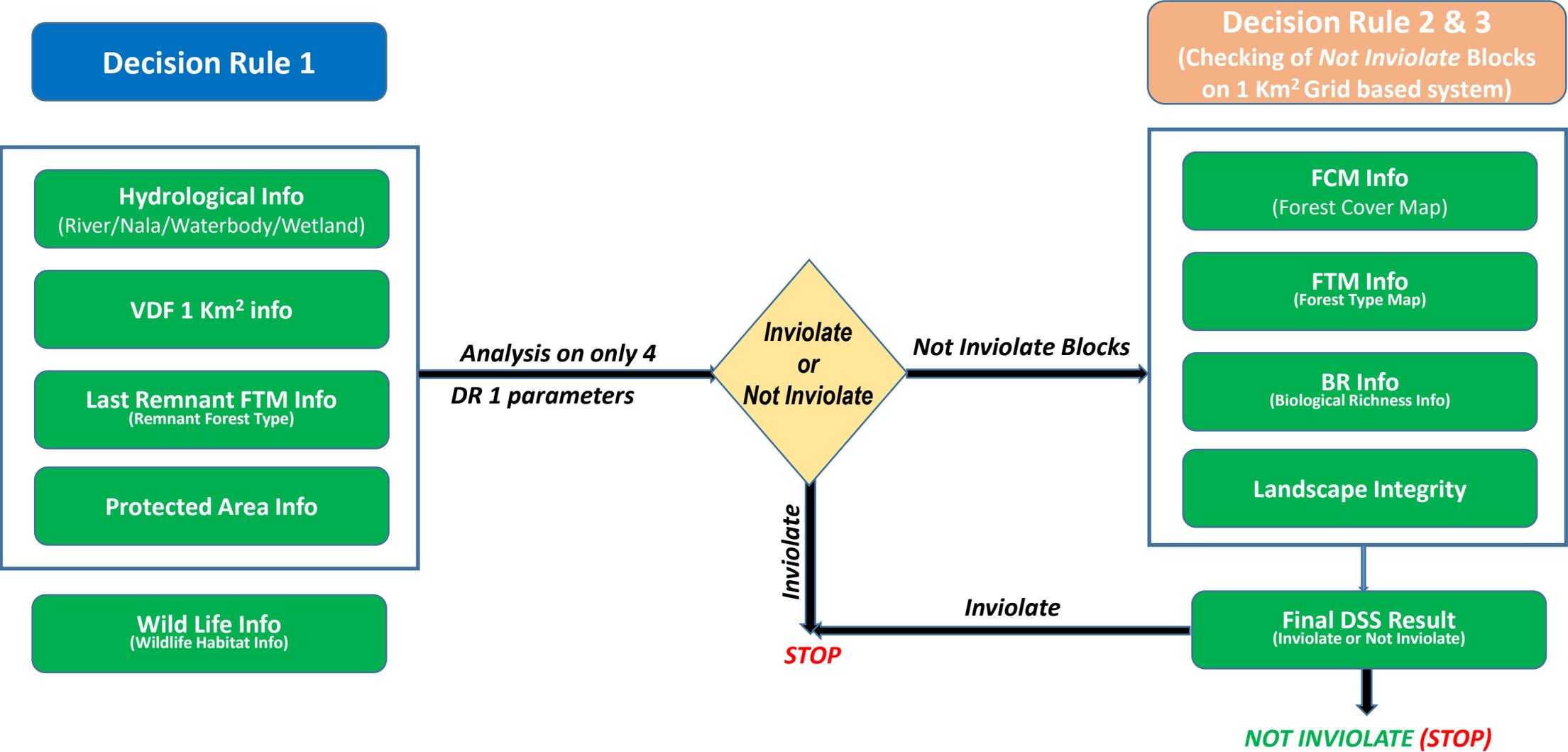
DECISION RULE– 2 & 3 (With 50% Rule)

- In Decision Rule 2, the analysis is based on 50% rule. It is a grid based analysis (1km x 1km).
- The basic unit for identification of Inviolable areas is a grid of size 1km x 1km.
- Grids which cover 50% or more area of the polygon are considered for analysis.
- Grids will be classified as INVIOABLE if average score exceeds 70 (out of 100) based on four parameters, i.e. Forest Cover, Forest Type, Biological Richness, & Landscape Integrity.
- The area is considered inviolable if 50% or more of the total no. of grids in that area come out as INVIOABLE If not, then it is categorized as NOT INVIOABLE.

Limitations of DSS

- Forest patches having area less than 1 hectare cannot be analysed through DSS.
- Decision Rule 2 analysis will not be done for the polygon having area less than 1 sq. km.
- Underground mining work cannot be analysed.

FLOWCHART OF FSI DECISION SUPPORT SYSTEM (DSS)



Disclaimer

- The DSS Analysis is done on **Beta-version** (Trial Version) of Decision Support System (DSS) of FSI / MOEF.
- The Decision Rules for various parameters of this DSS System are controlled by FSI.
- CMPDI only runs this DSS to obtain the status of any block based on the Decision Rules inbuilt with the system.
- The database of the Decision Rules is updated by FSI from time to time and hence, the analysis results may vary.
- CMPDI does not own any responsibility for variation in the results which are based on the Decision Rules of the FSI DSS in case of any updation of the database at FSI end.

Evaluation of Coal Blocks against Environmental Considerations

- The eco-sensitive zones (ESZ) are notified for protection of National Parks (NP) and wildlife sanctuaries (WLS).
- In addition, Protected Area (PA), Tiger Reserve (TR) and Tiger Corridor are also identified to ensure protection of such areas and wildlife therein.
- For each of the ESZ, there is separate Notification issued by MoEFCC that *inter alia* includes boundary co-ordinates of ESZ, floral and faunal description of the area, and list of activities that can be permitted inside ESZ.
- It also includes activities that are:
 - Prohibited
 - Regulated, and
 - Promoted
- The commercial mining is prohibited in area within ESZ/WLS/PA/TR.
- In addition, the mining activities are also prohibited within ESZ by MoEFCC's circular No. 22-43/2018-IA.III dated 8th August, 2019.

Evaluation of Coal Blocks against Environmental Considerations

- The commercial mining is also prohibited within 1 km from the boundary of NP/WLS.
- The Lemru Elephant Reserve in Chhattisgarh, though yet to be notified, is considered for ESZ evaluation on account of reservations from State Government of Chhattisgarh.
- The kml file of Tiger Reserve/Tiger Corridor, available at the website of National Tiger Conservation Authority (NTCA) has also been used. There is directive from NTCA to evaluate the projects against the Tiger Reserve/Corridor.
- The coal blocks considered under 2nd Tranche are spread in the State of:
 - Jharkhand
 - Chhattisgarh
 - Madhya Pradesh
 - Maharashtra
 - Odisha
 - Andhra Pradesh
- The distance of ESZ/ Lemru Elephant Reserve/ Protected Areas/ Tiger Reserve & Corridor from boundaries of the block has been mentioned.

List of ESZ Considered

Sl. No.	State	Name of ESZ/NP/WLS	Notification No.	Date of Issue/Uploading on MoEFCC's Website
1	Chhattisgarh	Kanger valley ESZ	S.O. 3653(E)	17/10/2019
2	Chhattisgarh	Achanakmar ESZ	S.O. 3654(E)	17/10/2019
3	Chhattisgarh	Semarsot ESZ	S.O. 1165(E)	18/03/2016
4	Chhattisgarh	Badalkhol WLS	SO 1246 [E]	05-04-2016
5	Chhattisgarh	Barnawapara WLS	SO 2201 [E]	18-07-2017
6	Chhattisgarh	Bhairamgarh WLS	---	--
7	Chhattisgarh	Bhoramdev WLS	SO 1362 [E] *	26-04-2016
8	Chhattisgarh	Guru Ghasi Das (Sanjay) NP	--	--
9	Chhattisgarh	Indravati Tiger Reserve	--	--
10	Chhattisgarh	Kangerghati NP	SO 3653 [E] *	17-10-2019
11	Chhattisgarh	Pamed WLS	SO 2273 [E]	24-07-2017

List of ESZ Considered

Sl. No.	State	Name of ESZ/NP/WLS	Notification No.	Date of Issue/Uploading on MoEFCC's Website
12	Chhattisgarh	Tomarpingla WLS	S.O. 3653(E)	17/10/2019
13	Jharkhand	Hazaribagh ESZ	S.O. 2775(E)	06/08/2019
14	Jharkhand	Palamau Tiger Reserve	S.O. 2898(E)	16/08/2019
15	Jharkhand	Udwa Lake Bird Sanctuary	S.O. 2774(E)	05/08/2019
16	Jharkhand	Gautam Budhha Sanctuary	S.O. 2796(E)	13/08/2019
17	Jharkhand	Palkot Wildlife Sanctuary	S.O. 2897(E)	16/08/2019
18	Jharkhand	Parasnath ESZ	S.O. 2795(E)	13/08/2019
19	Jharkhand	Koderma Wildlife Sanctuary	S.O. 2895(E)	16/08/2019
20	Jharkhand	Lawalong Sanctuary	S.O. 2896(E)	14/08/2019

List of ESZ Considered

Sl. No.	State	Name of ESZ/NP/WLS	Notification No.	Date of Issue/Uploading on MoEFCC's Website
21	Madhya Pradesh	Son Gharial WLS	S.O. 4030 (E)	21/12/2016
22	Madhya Pradesh	Satpura Tiger Reserve	S.O. 2538 (E)	16/08/2017
23	Madhya Pradesh	Bandhavgarh NP	S.O. 4027 (E)	20/12/2016
24	Madhya Pradesh	Sanjay NP and Sanjay Dubari WLS	S.O. 2811 (E)	11/09/2017
25	Madhya Pradesh	Pench National Park	S.O. 4009(E)	13/11/2019
26	Madhya Pradesh	Singhori WLS		
27	Madhya Pradesh	Panna Tiger Reserve		
28	Madhya Pradesh	Kanha Tiger Reserve		
29	Madhya Pradesh	Ken Gharial WLS	S.O. 3082 (E)	29/09/2017
30	Madhya Pradesh	Panchmarhi WLS	S.O. 1192 (E)	15/03/2021

List of ESZ Considered

Sl. No.	State	Name of ESZ/NP/WLS	Notification No.	Date of Issue/Uploading on MoEFCC's Website
31	Maharashtra	Umred Karhandla ESZ	S.O. 837 (E)	21/03/2017
32	Maharashtra	Tadoba Andhari TR	S.O. 3249(E)	13/09/2019
33	Maharashtra	Tipeshwar WLS	S.O. 4892(E)	26/09/2018
34	Maharashtra	Pench NP	S.O. 3029 (E)	19/09/2017
35	Maharashtra	Pranhita ESZ	S.O. 3030(E)	15/09/2020
36	Odisha	Debigarh ESZ	S.O. 1814 (E)	13/06/2017
37	Odisha	Badrama ESZ	S.O. 3149(E)	06/09/2019
38	Odisha	Sambalpur Elephant Region	--	--
39	Odisha	Mayurbhanj/Simplipal Elephant Region	--	--
40	Odisha	Mahanadi Elephant Region	--	--

List of ESZ Considered

Sl. No.	State	Name of ESZ/NP/WLS	Notification No.	Date of Issue/Uploading on MoEFCC's Website
41	Odisha	Khalasuni Sanctuary	S.O. 3149(E)	06/09/2019
42	Telangana	Kinnerasani Wildlife Sanctuary	S.O. 2859 (E)	11/09/2017
43	Chhattisgarh	Lemru Elephant Reserve		
44	PAN-India	Tiger Reserve-Tiger Corridor		

** Based on State Government/WII data*

Thank You