

Site Inspection Report

Parsa open cast Mines (5MTPA)

Regt.No. FP/CG/MIN/20742/2016

Sr.No.	Items	Observations and remarks																																				
1	Name of the project and location (Range, Round, Beat)	Parsa open Cast coal mine (5MTPA) It is located in North Central Part of Hasdeo – Arand Coal Field. Ranges – Udaipur & Ramanujnagar, Districts- Surguja & Surajpur, Beats – Salhi, Ghatbarra & Tara																																				
2	Name of the User Agency	Rajshtan Rajya Vidyut Utpadan Nigam Limited (A unit of Govt. of Rajasthan)																																				
3	Date of Site inspection	22/03/2018																																				
4	Extent (ha) and legal Status of forest land proposed for Diversion	<table border="1"> <thead> <tr> <th>Forest Division</th> <th>Protected Forest</th> <th>Reserved Forest</th> <th>Revenue Forest</th> <th>Total</th> </tr> </thead> <tbody> <tr> <td>Surguja</td> <td>370.455</td> <td>00.00</td> <td>243.764</td> <td>614.219</td> </tr> <tr> <td>Surajpur</td> <td>48.318</td> <td>137.231</td> <td>41.77</td> <td>227.319</td> </tr> <tr> <td>Total :-</td> <td>418.773</td> <td>137.231</td> <td>285.534</td> <td>841.538</td> </tr> </tbody> </table>	Forest Division	Protected Forest	Reserved Forest	Revenue Forest	Total	Surguja	370.455	00.00	243.764	614.219	Surajpur	48.318	137.231	41.77	227.319	Total :-	418.773	137.231	285.534	841.538																
Forest Division	Protected Forest	Reserved Forest	Revenue Forest	Total																																		
Surguja	370.455	00.00	243.764	614.219																																		
Surajpur	48.318	137.231	41.77	227.319																																		
Total :-	418.773	137.231	285.534	841.538																																		
5	a) Details of Forest land proposed for diversion and activity-wise break –up of forest land  b) Density and Eco-value class	a) Details of forest land proposed for diversion and activity-wise break –up forest land. <table border="1"> <thead> <tr> <th>S.No.</th> <th>Component</th> <th>Forst land (ha.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Quarry</td> <td>804.362</td> </tr> <tr> <td>2</td> <td>Safety Zone</td> <td>6.073</td> </tr> <tr> <td>3</td> <td>Ext. Dump</td> <td>10.174</td> </tr> <tr> <td>4</td> <td>Roads</td> <td>0.090</td> </tr> <tr> <td>5</td> <td>Nala Diversion</td> <td>9.213</td> </tr> <tr> <td>6</td> <td>CHP. Belt Conv. & Washery</td> <td>3.716</td> </tr> <tr> <td>7</td> <td>6.6/11/33/132 KVA Transmission Line & Sub Station, Infrastructure</td> <td>5.043</td> </tr> <tr> <td>8</td> <td>Settling Pond</td> <td>0.010</td> </tr> <tr> <td>9</td> <td>Top Soil</td> <td>1.798</td> </tr> <tr> <td>10</td> <td>Rationalision area</td> <td>1.059</td> </tr> <tr> <td colspan="2">Total :-</td><td>841.538</td></tr> </tbody> </table> Density and Eco- Value Class : Density - 0.5 Eco Class - I	S.No.	Component	Forst land (ha.)	1	Quarry	804.362	2	Safety Zone	6.073	3	Ext. Dump	10.174	4	Roads	0.090	5	Nala Diversion	9.213	6	CHP. Belt Conv. & Washery	3.716	7	6.6/11/33/132 KVA Transmission Line & Sub Station, Infrastructure	5.043	8	Settling Pond	0.010	9	Top Soil	1.798	10	Rationalision area	1.059	Total :-		841.538
S.No.	Component	Forst land (ha.)																																				
1	Quarry	804.362																																				
2	Safety Zone	6.073																																				
3	Ext. Dump	10.174																																				
4	Roads	0.090																																				
5	Nala Diversion	9.213																																				
6	CHP. Belt Conv. & Washery	3.716																																				
7	6.6/11/33/132 KVA Transmission Line & Sub Station, Infrastructure	5.043																																				
8	Settling Pond	0.010																																				
9	Top Soil	1.798																																				
10	Rationalision area	1.059																																				
Total :-		841.538																																				

6	Whether the requirement of forest land as proposed by the user Agency in col.2 of Part- I is unavoidable and barest minimum for the project. If no, recommended area item -wise with details of alternative examined.	Yes, proposed area is minimum for the project & having no any alternate for this.
7	Whether the proposal involves any construction of building (including residential) or not? if yes, details thereof?	No
8	<p>a) Whether forest area proposed for diversion is important from wildlife point of view or not.</p> <p>b) Details of any rare or endangered or unique species of flora and fauna found in proposed forest land. If so, the details thereof,</p> <p>c) Aerial distance from the nearest boundary of any Protected Area (Km)</p> <p>d) Remarks about sensitivity of the forest area likely to be affected due to project:</p> <p>e) Whether wildlife mitigation plan is required? If yes, reasons therefor?</p>	<p>a) Yes, There is a mitigation Plan proposed.</p> <p>b) No.</p> <p>c) Aerial distance from the protected area Tamor Pingla sanctuary is 80 km.</p> <p>d) ----</p> <p>e) Yes, Wildlife mitigation Plan is needed. There is proper movement of wildlife such as fauna i.e. elephant, sloath bear, deer , hyna & avies.</p>
9	<p>Details of vegetation :</p> <p>a) Total number of tress to be felled:</p> <p>b) Number of tress to be felled of girth below 60 cm:</p> <p>c) Number of tress to be felled of girth above 60 cm:</p> <p>d) Effect of removal of tress on the general ecosystem in the area.</p>	<p>a) 81675</p> <p>b) 30251</p> <p>c) 51424</p> <p>d) Mitigation measures on effect of tress are given in the approved wild Life Management Plan vide PCCF' (Wildlife) Raipur letter No. 4133. Dated : 08.06.2016</p>
10	Background note on the proposal (Short Summary)	Parsa East & Kete Basan Coal Block (User agency Rajasthan Rajya Vidyut Utpadan Nigam Ltd.) mine is working since from 2012, first time I visited the said site on 22.03.2018. Considering the fact that without disturbing environment sustainable development of country is need of today, which must be centered on effective and rapid environmental activities by user agency. The proposed site harboring a very good flora & faunal species with 0.5-0.6 density forest even in & around the site wild elephants are roaming but not frequently I recommend only the project on following conditions :-

(1) User agency will take necessary scientific management with the consultation of local forest authorities about right of passage for wild elephants in and around forest ranges.

(2) Sites which have mined it must be rejuvenated with natural species of flora. Species can be easily available around the mining sites but appropriate technologies must be adopted, there is a urgent need to see a separate wing to see & execute the forestry & wildlife management by user agency.

(3) The user agency RRVUNL is the same who operating Previous Parsa East & Kete Basen Coal block proposal & now new proposal is opening for further consideration. Planted area hardly 50 hectare area which I saw was monoculture; it must be enriched with natural floral species of herbs, shrubs and trees including. local natural grasses, medicinal plants etc. These species are readily available in nearby areas but these species need proper care during digging and transplanting by local technique driven by advance scientific base.

(4) With the help of heartful thoughts faunal species which are harboring in the site must be cared and placed in the suitable adjoining sites. Aves, reptiles, mammals and other micro & macro faunal species must be shifted by providing their three main component- food, water, shelter.

(5) A Special environment awareness program must be disseminated in and around the forest of surguja forest division including fire control.

(6) Eco developmental activities must be implemented on the basis of care & share concept.

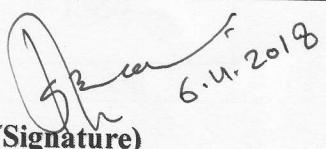
(7) Exposure to coal mines dust causes various pulmonary diseases, including coal worker's pneumoconiosis and chronic obstructive pulmonary disease. It requires establishing a separate compliance standard in order an effective limit to exposure crystalline dust. Such dust would also adversely affect to Photosynthesis process of floral species which would be struggling for their life. To control Such adverse affect user agency must take preventive measures.

(8) Environment impact assessment time to time eco developmental activities, monitoring process must be audited by user agency with consultation of local forest authorities. Report and documentation must be displayed.

(9) The area is very sensitive for fire, so continuous awareness programme should be launched in fire season in & around the project area.

(10) User Agency always keep in mind and work that our country always support the sustainable development of natural resources and for such development there is two wings of development. Feathers of one wing constitute

		extraction target of mineral and other feathers of second wing which constitute the scientific base, working culture of environment for betterment of floral & faunal species. If one wing is broken then sustainable development cannot fly.
11	Whether the proposal involves any violation of forest (Conservation) Act 1980? If yes, a detailed report on violation including action taken against the concerned officials to be attached.	No, It is a New Project.
12	Whether the proposal involves rehabilitation of displaced person, If yes, whether rehabilitation Plan has been approved by the State Government?	Proposal involves rehabilitation of 411 displaced persons, Rehabilitation & Resettlement Plan (R&R Plan) is submitted in Check list No. 25. Approval of R&R Plan is under process. As soon as R&R Plan is approved, it will Submitted, Under taking in this regard by user agency is submitted at check list No. 25
13	Details on catchment and Culturable command area under the project (if applicable) Status of catchment area treatment plan to prevent siltation of reservoir (if applicable)	Not Applicable
14	Utility of the project.	This Project is for Captive purpose & for Power Generation, Name of the end use power Plants are : Chabra TPP Unit 3 Unit 6 (1820 MW), Rajasthan, Kalisindh TPP Unit 1 and Unit 2 (1200MW), Rajasthan & Suratgarh Super Critical TPP Unit 7 and Unit 8 (1320 MW), Rajasthan.
15	Whether land being diverted has any socio-cultural/religious values? Whether any scared grove or very old growth tress/forests exist in the areas proposed for diversion?	Yes, Land has its own socio-culture religious values & considering the sustainable development of country. It can be saved with socio- culture scientific survey & applicable precautionary measures.
16	Any other important information related to the project (Separate note any may be attached, if required)	--
17	Details of documents and photographs enclosed:	Suffixed on annexure- I
18	Recommendations of the Inspecting Officer (CCF/DCF)	As the area proposed for Forest diversion is site specific & minimum (841.538 Ha.) Hence it is recommended for diversion of the porposed forest land 841.538 Ha for non forest purposes for Coal Mining.


6.4.2018
(Signature)

Place Ambikapur

Name of Inspecting Officer - K.K. Bisen "I.F.S."

Date 6/4/18

Designation :

Chief Conservator of Forest,
Surguja Forest Circle Ambikapur (C.G.)