

## Project details of Samaleswari OC Expansion

### (Rated capacity 15 Mty)

The additional information in respect of Samaleswari OCP, its expansion and earlier diversion of forest land provided as below :-

#### Earlier Forestry clearances:-


1. Stage II clearance was granted for 15.174 ha. on dtd.2<sup>nd</sup> June 2000
2. Stage II clearance was granted for 167.232 ha on dt.9<sup>th</sup>Aug 2001.
3. Stage II clearance was granted for 145.82 ha on dt.17<sup>th</sup> February 2009
4. Stage II clearance was granted for 22.48 ha. on dt. 08<sup>th</sup> April 2015

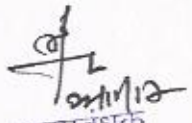
The additional information for ready reference are as follows:-

(i) Mahanadi Coal fields Ltd. is a Central Government Undertaking, has been entrusted with the responsibility of mining of coal resources from the allotted coal mines in Odisha. Out of several coal mines, Samaleswari Open Cast Project is an ongoing coal mining project of Mahanadi Coal fields Ltd.

(ii) Samaleswari OCP was initially approved for a rated capacity of 3.0 Million Tones Per Annum (MTCA) during 1992 to meet the coal requirement of Power Plants. On the recommendation of the State Government of Orissa, the Govt. of India, MoEF in their letter No. 8-147/89-FC/2840(F) dated 09.08.2001 had accorded final approval for diversion of 167.232 ha of forest land i.e. for Phase I (146.288 ha for mining purpose + 15.94 ha of for construction of roads + 5.00 ha for construction of road in the safety zone).

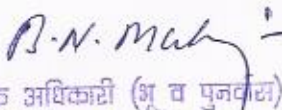
With a view to meet the additional demand of coal by different Thermal Power

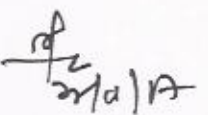
  
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stations from the Samleswari OCP in phase –II expansion (from 3 MTY to 5 MTY) the user agency applied for diversion of another 145.82 ha (142.634 ha for mining purpose + 3.182 ha for infrastructure) of forest land. Considering the recommendations of the State Government vide letter No. 4007/E&F dt. 6.3.2006, the Govt. of India, MoEF vide letter no. 8-147/89-FC (Vol. II) dated 17.02.2009 accorded final approval for this project. Subsequently to fulfill the demand of coal, the user agency applied for additional forest land of 22.48 ha. including 0.614 ha. land for 7.5 mtr.safety zone area) for Samaleswari OCP Expansion(Phase-III)(7 mty, peak capacity 11 Mty). Considering the recommendation of State Govt., the MOEF & CC, Govt. of India has accorded final approval vide No.8-147/1989-FC(Vol.III), dated.08.04.2015. As such, forest land of 335.532 ha (including 0.614 ha. land for safety zone) of forest land so far been diverted under the Forest Conservation Act, 1980 for this coal mine project(up to 7 Mty.).

(iii) At present, Samaleswari OCP, MCL has proposed to enhance its annual rated capacity from 7Mty to 15 Mty by extending the exiting limit of quarry to dip side (western side). An area of 406.648 ha of additional land including 245.374 ha. of forest land 31.299 ha of Government non-forest land and 129.975 ha of tenancy land is required for the expansion project . Since, an area of 15.174 ha. forest land has already been diverted for the MCL's project under Ib Valley Area vide No.8-104/81-FC, dated.02.06.2000 (Stage-II clearance). Thus the user agency has filed proposal for further diversion of 230.20 ha of forest land( including 150.784 ha. for quarry excavation + 3.806 ha for 7.5 mtr.safety zone area + 90.784 ha. forest land within leasehold area but outside quarry area of proposed expansion Project). The forest land

  
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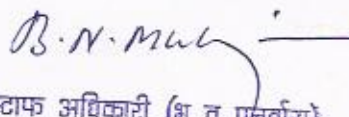
  
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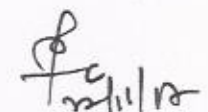
measuring 230.20 ha. proposed for diversion is reported to be of Patra jungle, Bad Jungle and Gramaya Jungle kisam. The forest land measuring 42.782 ha. included in the proposed diversion area of 230.20 ha. was recorded as Patra Jungle, Bad Jungle and Gramya Jungle Kisam as on 25.10.1980 i.e. the date of F.C.Act,1980 came into force and subsequently changed to Non-forest land

(iv) Earlier safety zone was of average of 500 mt. width around the project. Now according to para 4.7 (ii) of the consolidated guidelines to FC Act, 1980 safety zone is maintained within of 7.5 mt along the outer boundary of the lease hold area. In the instant proposal, the safety zone of 7.5 Mt. is proposed to be maintained for this expansion project. As reported, safety zone within mine boundary is having forest land of 3.806 ha., Govt. non- forest land of 0.692 ha. and Tenancy (Private) land of 2.379 ha.

(v) Mining Plan with Progressive Mines Closure Plan for Samleswari OCP (Expansion) (Phase IV) (Rated Capacity 15 MTY) has been approved by the Ministry of Coal, GOI vide letter No. CPAM-34011/36/2017-CPAM, dated.20.11.2017. As revealed from the approved Mining Plan, there is a geological deposit of 187.75 Million Tonnes and mineable reserve is 157.81 Million Tonnes of coal with the annual production capacity of 15 MTY, the life of mines will be 11 years.

(vi) The area involved in the project has been delineated in Topo Sheet No. 64-O/B and bounded by latitude 210-47'-00" to 210 - 49" North and longitude 830-53-00" to 830-55-00" East. This Proposed area does not form part of any National Park/Wildlife Sanctuary /Biosphere Reserve /Tiger Reserve. There is

  
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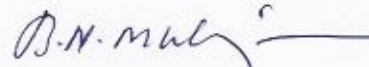
  
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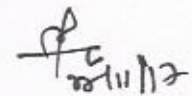
no archaeological monument within the applied area. There is no rare/ endangered /unique species of flora and fauna available in the area. The user agency has indicated total additional investment for this project is Rs 281.949 crores. This expansion project will generate additional direct/indirect employment opportunity for 4000 persons.

(vii) This 15.00 MTPA (Expn.) project involves displacement of 80 families including 1 no. families of SC, 33 families from ST communities and 46 families from OBC/General category people having their dwelling house on Non-forest land. A brief R&R Plan prepared for the project is enclosed for reference.

(viii) Net Present Value is applicable for this project. Details of NPV realized from the user agency is indicated below:

- (a) Total forest area under the lease is : 580.29 ha.
- (b) Area diverted prior to 31.10.2002 (-) 182.406 ha.
- (c) NPV paid for 145.820 ha for Rs. 10,93,65,000/- @ Rs. 7,50,000/- per ha.
- (d) NPV paid for 156.538 ha. for Rs. 9,79,92,788/- @ Rs.6,26,000/- per ha.
- (e) Therefore, the User Agency has paid NPV for 302.358 ha for Rs.  
20,73,57,788/-
- (f) 50% NPV paid for 14.495 ha. under Hingir Rampur Colliery(HRC) lease for U/G mine of Orient Area under M.C.Rule. Balance 50% of NPV to be paid for which an undertaking is furnished in the proposal.

  
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(g) NPV for 81.031 Ha. under CBA(A&D) Act to be paid for which an undertaking has been furnished by User Agency.

(h) Hence, the 100% NPV for the balance area of 81.031 ha. under CBA Area and 50% NPV for the area of 14.495 ha. under M.C. Rule is to be paid.

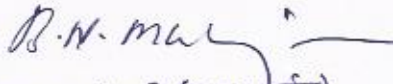
(ix) The total Lease Area for Samaleswari OCP is 1384.767 ha. (including the proposed additional annexed area of 406.648 ha.). The details of annexed area is furnished below :-

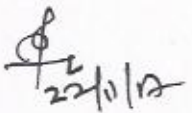
A. Proposed annexed area under CBA(A&D) Act, 1957.

Sl. No.	Name of village	Forest land	Non-Forest Govt. land	Tenancy land	Total Land (in Ha.)
01	Brajrajnagar Town Unit No.1	0.759	0.00	0.00	0.759
02	Chingriguda	11.841	11.015	53.959	76.815
03	Katapali	38.694	0.797	1.760	41.251
04	Kudopali	0.000	0.206	0.00	0.206
05	Belpahar	164.411	18.634	74.018	257.063
	Total :	215.705	30.652	129.737	376.094

B. Forest land already diverted and covered under CBA(A&D) Act, 1957

Sl. No.	Name of village	Forest land	Non-Forest Govt. land	Tenancy land	Total Land (in Ha.)
01	Chingriguda	7.396	0.00	0.00	7.396
02	Belpahar	7.778	0.00	0.00	7.778
	Total :	15.174	0.00	0.00	15.174

  
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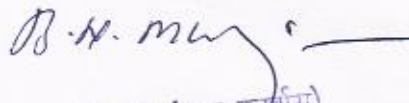
C. Proposed annexed area under M.C.Rule, 1960.

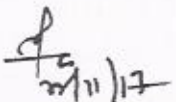
Sl. No.	Name of village	Forest land	Non-Forest Govt.land	Tenancy land	Total Land (in Ha.)
01	Brajrajnagar Town Unit No.1	14.495	0.647	0.238	15.380
	Total :	14.495	0.647	0.238	15.380

Total Annexure Area:-

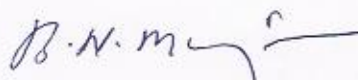
- (i) Forest land : 230.200 ha.  
(ii) Forest land already diverted : 15.174 ha.  
(iii) Govt. Non-Forest land : 31.299 ha.  
(iv) Tenancy land : 129.975 ha.  
(v) Total : 406.648 ha.

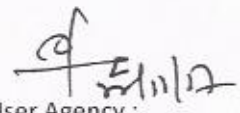
- (x) The proposed expansion project of Samaleswari OCP including the forest land proposed for diversion comes to 391.47 ha. Details of categories of land in the presently proposed expansion are as follows:

  
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Sl. No.	Pattern of Utilization	Forest land (In ha)	Govt. Non forest land (In ha)	Tenancy land (in ha)	Total area (in ha)
1.	Mining	139.075	30.607	127.596	297.278
2.	7.5 Mtr.Safety Zone	3.661	0.692	2.379	6.732
3.	Outside 7.5 Mtr.Safety Zone but within lease hold area	87.460	0.000	0.000	87.460
Total		230.20	31.299	129.975	391.470

  
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 Signature of User Agency :  
 Name : Madhu Sudan Sharma  
 Designation : General Manager  
 Company : Mahanadi Coalfields Ltd.  
 Area : Ib Valley Area, Brajrajnagar

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 एमसीएल, ईव वैली क्षेत्र  
 General Manager  
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