

## REHABILITATION & RESETTLEMENT

### INTRODUCTION:

Talcher coalfield, located in Brahmani river valley to the north of Mahanadi river, spreads over 80km along strike (east-west) and about 26km along dip-rise (north-south). The coalfield has been divided into several mining blocks. Bhubaneswari is one of them located in the south-eastern part of the coalfield and north of Lingaraj mining block.

Advance Action Proposal (AAP) for Bhubaneswari OCP (10 Mty) was approved by the Govt. in October, 1995 for a capital of Rs.5.79 crores for land acquisition and initial development of necessary infrastructures. Subsequently, Project report for Bhubaneswari OCP (10 Mty) was sanctioned by Govt. in January 2005 for a capital of Rs.336.68 crores including the amount for AAP and initial exploration. Considering the geological structures of neighbouring blocks, this project was carved out of Bhubaneswari geological block and portions of Ananta Extn. block and Subhadra block.

The PR of Bhubaneswari OCP (20.0 Mty) was sanctioned by MCL Board in its 92nd meeting held on 22nd December 2007 for coal and OB outsourcing variant. Mining plan for Bhubaneswari OCP (20 Mty) was proposed and has been approved in June 2011.

Mining plan for Bhubaneswari OCP (Normative capacity 20 Mty and peak capacity 25 Mty) has been prepared based on the parameters as per sanctioned PR of Bhubaneswari OCP (20 Mty) and approved by MOC, Govt. of India, New Delhi vide Letter No.34012/(4)/2011-CPAM, dated 16th July, 2013.

The Mining Plan & Mine Closure Plan of Bhubaneswari OCP 28.0 Mty has been approved by the MCL Board in its 196th Board Meeting held on 07-11-2017.

Environmental Clearance (EC) for Bhubaneswari OCP (10 MTY) was granted vide no J-11015/45/96-IA.II(M) Dt.6/6/2003 and EC for Bhubaneswari OC Expn. project (20 Mty) was obtained vide letter No.J-11015/128/2007-IA.II(M), MoEF, Govt. of India, dated 30th November, 2012

Bhubaneswari OCP Expn. Project (25 Mty) obtained the environment clearance (EC) vide letter no.J-11015/280/2013-IA.II(M) dated 19/02/2014 and EC for Bhubaneswari OCP Expn. Project (28 Mty) vide letter J-11015/280/2013/- IA-II(M)pt Dt.16/02/18 was granted under 7(ii) of EIA Notification 2006 for granting environmental clearance for expansion of coal mining project involving one time Production Capacity Expansion of up to 25% & 40% respectively in the existing operation came on.



The total land involved for entire life of the project is 658.724 Ha (525.82 Ha Non forest + 132.904 Ha Forest). However, as per directives of MoEF&CC vide EC letter no. J- 11015/280/2013-IA.II(M) Dt. 19/02/2014, forest land involved for 25 years of operation was assessed and accordingly FC was granted for 112.521 Ha in 2004 against the proposal of 132.904 Ha. So, present EC is granted for 638.341 Ha ( 525.82 Ha Non forest + 112.521 Ha Forest) of ML area and it was also directed to approach the MoEF&CC for the balance 20.383 Ha forest land after consumption of granted forest land (i.e. 112.521 Ha) in the mine area.

The Mining Plan & Mine Closure Plan of Bhubaneswari OCP 30.0 Mty has been approved by the MCL Board on Dt 25.04.2022 for inclusion of balance 20.383 Ha forest land within 658.724 Ha ML area and for enhancement of EC capacity to 30 MTPY under 7(ii) of EIA Notification 2006 for granting environmental clearance for expansion of coal mining project involving one time Production Capacity Expansion of up to 50%.

Bhubaneswari OCP has been identified as one of the projects in Emergency Coal Production Plan of CIL.

Since, there is no additional land involved, no additional Resettlement & Rehabilitation of Project Affected Families is proposed. The balance 20.383 Ha of forest land is part of the 132.904 Ha forest land proposal.

#### **LOCATION:**

Bhubaneswari mining block comprising of an area of an area of 5.8 sq.km is surrounded by NH 23 and Sakthigopal block in the east, Lingaraj and Ananta Expansion project in the south, Subhadra block in the west & Arkhapal block in the north. The area is connected by all weather metalled road to Bhubaneswar which is at a distance of about 170km. The limiting geographical co-ordinates of the block are as follows:

Coalfield	Talcher
Area	Bhubaneswari
District	Angul
Latitudes	20°57'59" - 20°58'43" (North)
Longitudes	85°09'10" - 85°11'37" (East)

#### **COMMUNICATION AND PHYSIOGRAPHY OF THE AREA:**

The proposed block is well connected by road and rail. Details are given below in table:





Table-1

Sl.No.	Item	Particulars
1.	Nearest revenue town	: Talcher (6 km approx.)
2.	Dist. HQ	: Angul (30 km approx.)
3.	National highways	: NH-143 passes through Talcher and connects to NH-55. : NH-55 is about 26 km via Talcher and about 15 km via NALCO Nagar.
4.	Connection to the state capital	: 168 km(approx.) to Bhubaneswar via NH-143, NH-55 & NH-16.
5.	Connection to company HQs	: 200 km (approx.) to Sambalpur via NH-55.
6.	Nearest railhead	: Talcher Railway station on the branch line of E.Co Railway is at a distance of about 7 km.
7.	Airport	: Biju Pattanaik Airport at Bhubaneswar is at a distance of about 170 km.

**Details of Project Affected Families:**

The core zone of the project comprising of excavation zone, infrastructure area, OB dump sites, safety zone for blasting, etc., covers partly and/or fully the land from nine (9) villages namely Jilinda, Hensmul (Sharasahi), Hensmul (Talasahi), Naraharipur, Khandualbhal, Kandhal, Madanmohanpur, Langijoda and Anadipur. Total 9 nos of villages are likely to be affected due to mining & its related activities of proposed project. Total PAF's involved are 1142. These families have been resettled and rehabilitated socially, culturally and economically as per latest R & R Policy of Govt. of Orissa, May, 2006.

20.383 Ha of revenue forest land is part of 658.724 Ha Mine Lease area of Bhubaneswari OCP (10 MTPY) Project and Rehabilitation & Resettlement of these three villages are part of the earlier R&R Plan, hence no additional R&R involved. Copy of Rehabilitation & Resettlement of Project Affected Families submitted against the 132.904 Ha Forest proposal is enclosed in Annexure-I.

In balance 20.383 Ha of revenue forest only three villages namely Naraharipur, Langijoda and Anadipur are being affected. Rehabilitation & Resettlement of Langijoda and Anadipur villages were already completed.

Initially resettlement package was 50,000/- but it was enhanced to 5,32,000/- (including Rs 3,00,000/- for cash in lieu of plot) and incentive of Rs. 1,00,000/- for early shifting also included in the package.



Cost towards R&R compensation has been provisioned as ₹ 20.00 Lakhs per family in onetime payment basis as recommended in the 26th Meeting of the Technical Sub – Committee of MCL Board on 27.08.2019.. Adequate capital provision for development of R&R Site has been kept.

### Present Status of Rehabilitation & Resettlement:

All civic amenities in the rehabilitation colony were provided as per the Rehabilitation package. The resettlement and rehabilitation of project affected families (PAFs) were carried out as per the latest Norms of Govt. of Odisha. The major displaced families were resettled at 'Baghamara R&R Site and Self relocated sites and remaining PDFs of Hensmul(Talasahi) will be shifted to R&R Site located in front of Balanda College as per the layout given in Annexure-II. The village wise details of displaced families are given in Table-2.

The status of Rehabilitation & Resettlement is as follows:

**Table 2- R&R details of Bhubaneswari OCP (28.0 MTY)**

R&R details of Bhubaneswari OCP (28.0MTY)											
Name of the project	Details of status of Rehabilitation						Details of status of Resettlement				
	Name of the Village	Total no of land oustees sponsored	No of employment provided	Cash in lieu of employment	No of land oustees not eligible	Balance	Total no of land oustees identified	No of land oustees provided plot	No of land oustees sanctioned cash in lieu of plot	No of land oustees not eligible	Balance
Bhubaneswari OCP	Jilinda	321	291	14	16	0	308	259	49	0	0
	Hensmul (Talasahi)	336	310	11	13	2	377	154	223	0	0
	Hensmul (Saharsahi)	63	57	3	3	0	59	21	38	0	0
	Naraharipur	363	338	6	8	11	398	0	398	0	0
	Khandualbahal	12	11	1	0	0	0	0	0	0	0

- ❖ Total No of Project Affected Family : 1142
- ❖ No of land oustees provided plot : 434
- ❖ No of land oustees sanctioned cash in lieu of plot : 708

Details of cash compensation provided for all the PAFs from the villages is detailed in the table3.

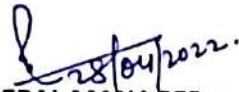


**Table 3- Cash Compensation details of Bhubaneswari OCP (28.0 MTY)**

<b>Cash Compensation details of Bhubaneswari OCP (28.0 MTY)</b>				
<b>Name of the project</b>	<b>Details status of Rehabilitation</b>			
	<b>Name of the Village</b>	<b>Total Compensation Sanctioned (in Rs.)</b>	<b>Total Compensation Paid (in Rs.)</b>	<b>Balance</b>
<b>Bhubaneswari OCP</b>	Jilinda	13.26	12.79	0.46
	Hensmul(Talasahi)	9.67	8.41	1.25
	Hensmul(Saharsahi)	1.64	1.64	0
	Naraharipur	19.00	18.27	0.73
	Khandualbahal	1.02	1.02	0

Resettlement of PAFs from villages Khandualbahal, Jilinda, Hensmul (Saharasahi), Hensmul (Talasahi) and Naraharipur is already completed. However, Rehabilitation for Employment / Cash in lieu of Employment is pending for three villages namely Jilinda, Hensmul and Naraharipur as mentioned in above table.

Statement of expenditure and provision of budget allotment for Rehabilitation & Resettlement Plan including development of R&R site is enclosed.

  
**GENERAL MANAGER**  
**BHUBANESWARI AREA**  
**MAHANADI COALFIELDS LIMITED**



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**RESETTLEMENT AND REHABILITATION  
OF  
PROJECT AFFECTED FAMILIES**

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**8.1 Introduction :**

This chapter deals with the following points :

- Details of Project Affected Families.
- Package for resettlement and rehabilitation

**8.2 Details of Project Affected Families:**

Bhubaneswari OCP area comprising of excavation zone , OB dump area infrastructure site and blasting zone covers 12 villages, namely , Nakulbaspur, Ambamunda , Balungan Khamar Kandhal, Anadipur , Hensmul, Jillinda, Naraharipur, Langijoda, Madanmohanpur, Alhadnagar (uninhabited ) and khandualbahal (uninhabited) . Out of the above villages , about 671 families from 3 villages namely Hensmul, Jillinda and Naraharipur shall face involuntary displacement due to mining and its associated activities. These displaced families shall be resettled at a site located in a non - coal bearing area along with the land less families which derive their livelihood from the land to be acquired from the above affected villages. Further, the families from whom land shall be acquired , shall be rehabilitated economically. The details of project affected families are given in Appendix - VIII.

**8.3 Package for Resettlement and Rehabilitation**

**8.3.1 Land for resettlement colony**

Land requirement for resettlement colony is 117.57 ha. The rehabilitation site is identified at village Paranga of Angul Tehasil Details of the land earmarked for the purpose are mentioned in the letter no. 8876 dt.29.12.94 of Tehasildar ,Angul enclosed herewith.

**8.3.2 Compensation**

**8.3.3**

- Compensation for land to be acquired shall be paid at suitable rates.
- Full compensation for the housing , wells , ponds , trees , etc. shall also be paid.
- In all circumstances , compensation must be paid before actual displacement.
- Payments for compensation shall be made through a/c. payee cheques.



#### 8.3.4 Details of Package:

A comprehensive resettlement and rehabilitation package (social, cultural and economic), shall be offered to the project affected families as per R&R policy of CIL/ the latest norms of Govt. of Orissa/India . copy enclosed herewith. A tentative rehabilitation plan has been formulated ( Plate No. XIII) . . The details of package are given in Table – I , Appendix – VIII.

The social infrastructure facilities like proper approach road , street lighting, drinking water facilities , community centre , school etc. shall be provided in the resettlement colony. In case where the coal company decides for fresh recruitment of skilled or non skilled technical personnel in non executive cadre , the displaced person shall be given preference in employment. For economic rehabilitation of project affected persons , facilities like financial assistance for self employment & vocational training shall be extended.

#### 8.3.5 Measures for Social & Cultural Rehabilitation

- The resettlement site shall be named suitably.
- If any place of worship like temple, church etc. are acquired , the same shall be provided on the replacement basis.
- A community of particular caste , creed and religion shall be allowed to resettle in a particular area in the resettlement colony to foster the communal harmony.
- Training facilities shall be extended to the woman folk to give adequate access to income generating opportunities for raising their social status.



**DETAILS OF REHABILITATION PACKAGE, R&R POLICY OF CIL AND NORMS  
OF GOVTS. OF ORISSA & INDIA.**

Table - I

**Details of Rehabilitation Package for bhubaneswari OCP  
(As per latest Norms of Govts. Of Orissa and India & R&R Policy of CIL)**

Sl. No.	Items	Amount in Rs. Lakh
1	Land at rehabilitation site for 1036 families @ 1.50 lakh/ha for 126.00 ha	189.00
2	Shifting allowance @ Rs. 2000/- per family and lump sum grant towards housing @ Rs. 5000/-	72.52
3	<b>Social Infrastructure:</b> <ul style="list-style-type: none"> <li>- Road , drains and culverts</li> <li>- Street lighting</li> <li>- Dug wells</li> <li>- Tube wells (shallow &amp; deep )</li> <li>- Ponds</li> <li>- Playground ,</li> <li>- UP School</li> <li>- High School</li> <li>- Community Centre</li> <li>- Temple ,etc.</li> <li>- Veterinary stockman centre</li> <li>- Dispensary</li> <li>- Shopping Centre</li> <li>- Bus Stop</li> <li>- Avenue Plantation</li> </ul>	139.23 65.15 5.67 14.31 3.51 1.42 6.69 19.51 9.96 3.92 3.92 13.22 9.08 0.24 6.51
4	Community development in host village	90.70
5	Cost of land development in rehabilitation colony	18.90
6	Compensation for replacement of home stead and structure	470.50
7	Vocational Training to PAP's	184.70
8	Assistance to PAP's for self - employment s	184.70
	<b>TOTAL:</b>	<b>1513.36</b>



EXPENDITURE & BALANCE CAPITAL REQUIREMENT FOR BHUBANESWAR OCP (20 MTY)  
Capital Requirement for Environment & Ecology Cost

Sl No	Particulars	Approved capital provision for existing 20 Mty Project	Expenditure as on 31.03.18	*Balance requirement of capital for existing 20 Mty Project
1	Rehabilitation (excluding land but including house compensation)	2951.50	7240.21	1478.66
2	Compensatory afforestation (including fencing around safety zone)	191.60	72.66	
3	Wild life conservation			
4	Arbiculture including avenue plantation	251.76		
5	Garland and storm Water Drainage	98.00		
6	Peripheral village community development	15.00		
7	Eco-development cost		262.27	
8	Rain water harvesting	1193.37		
	<b>Total</b>	<b>4701.23</b>	<b>7575.14</b>	<b>1478.66</b>

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\*Details of Balance requirement of capital for Rehabilitation (excluding land but including house compensation)

A Village	B No. of affected persons	C No. of persons received payment as on 31.03.2018		D Amount (Rs. Lakh against figures in Column 'C')	E Balance no. of persons to receive payments as on 31.03.2018 (R&R Benefits)	F Amount (Rs. Lakh against figures in Column 'E')	G TOTAL (Rs. Lakh) Col 'D' + Col 'F'
		Resettlement benefits provided	Cash in lieu of employment				
Hensmul	2308	255	13	1499.10	150	1179.68	2678.78
Jilinda	1121	295	10	1090.44	13	76.88	1167.32
Narhairpur	1228	368	4	2346.20	30	222.10	2568.30
Khandualbahal			1	10.00	N/A	0.00	10.00
<b>TOTAL</b>				<b>4945.74</b>		<b>1478.66</b>	<b>6424.40</b>

Project Officer  
Bhubaneswari OCP

Sr. Mgr (Fin.)  
Bhubaneswari OCP

S.O. (L&R)  
Jagannath Area

N.O. (Envt.)  
Bhubaneswari OCP

Variant - same for Variant I & II  
Cost Base - March 2020

Job No 702188

PR of Bhubaneswar OCP Expn. (40 Mty) Variant -II (Outsourcing), Page No. AO 42

Sl. No.	Particulars	Approved capital for existing 20 Mty Project	Exp. upto 01/04/2019	Balance Capital required for existing 20 Mty Project	Capital required for Incr. 20 Mty	Balance capital required for 40 Mty	Year-wise Phasing									
							Y1	Y2	Y3	Y4	Y5	Y6	Y7	Y8 Target Year	Y9	Y10
a	b	c	d	e	f	g=e+f										
1(a)	Rehabilitation (excluding land but including house compensation)	2951.50	7240.21	1478.66	25500.00	26978.66	2700.00	2700.00	2700.00	2700.00	2700.00	2700.00	2700.00	2700.00	2700.00	2678.66
(b)	R&R Site development				5849.96	5849.96	700.00	700.00	700.00	700.00	700.00	700.00	700.00	949.96		
2	Compensatory afforestation (including fencing around safety zone)	191.60	72.66		805.35	805.35	805.35									
3	Wild life conservation				103.72	103.72	103.72									
4	Arboriculture including avenue plantation	251.76			460.33	460.33	50.00	50.00	50.00	50.00	50.00	50.00	50.00	40.00	40.00	30.33
5	Other Cost(s) Related to Forest Land	98.00			62.50	62.50	62.50									
6	Garland and storm Water Drainage	1193.37			929.93	929.93	100.00	100.00	100.00	100.00	100.00	100.00	100.00	129.93	10.00	14.48
7	Rain water harvesting				84.48	84.48	30.00	30.00	40.00	40.00	40.00	40.00	40.00	38.00		
8	Wind barrier wall ( 1 km long & 10m height)				298.00	298.00	30.00	30.00	40.00	40.00	40.00	40.00	40.00	10.00		
9	Vertical Greenery system ( 1 km length)				38.61	38.61	15.00	15.00	8.61							
10	Wheel washing system				30.00	30.00	30.00									
11	Fixed Type Mist Blower fog cannon 100 m throw trolley mounted - 4 nos				80.00	80.00	20.00									
12	Vehicle Mounted Mist fog cannon - 4 nos				56.31	56.31		14.08						14.08		
13	REM Stations	15.00	258.55		5.00	5.00	5.00									
14	Peripheral Village Community development				7604.95	7604.95	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	1000.00	604.95		
	<b>Total</b>	<b>4701.23</b>	<b>7571.42</b>	<b>1478.66</b>	<b>41909.14</b>	<b>43387.80</b>	<b>5621.57</b>	<b>4609.08</b>	<b>4618.61</b>	<b>4619.08</b>	<b>4625.00</b>	<b>4664.08</b>	<b>4670.00</b>	<b>4486.91</b>	<b>2750.00</b>	<b>2723.47</b>

\*Details of Balance requirement of capital for Rehabilitation (excluding land but including house compensation) for existing 20 Mty Project

Village	No. of affected persons	No. of persons received payment as on 31.03.2019		Amount (Rs. Lakh against figures in Column 'C')	Balance no. of persons to receive payments as on 31.03.2019 (R&R Benefits)	Amount (Rs. Lakh against figures in Column 'E')	TOTAL (Rs. Lakh) Col 'D' + Col 'F'
		Resettlement benefits provided	Cash in lieu of employment				
Hensnuli	2308	255	13	1499.10	150	1179.68	2678.78
Jilinda	1121	295	10	1090.44	13	76.88	1167.32
Narainpur	1228	368	4	2346.20	30	222.10	2568.30
Khanulabahal			1	10.00	Nil		10.00
<b>TOTAL</b>				<b>4945.74</b>		<b>1478.66</b>	<b>6424.40</b>

(Rs. Lakh)

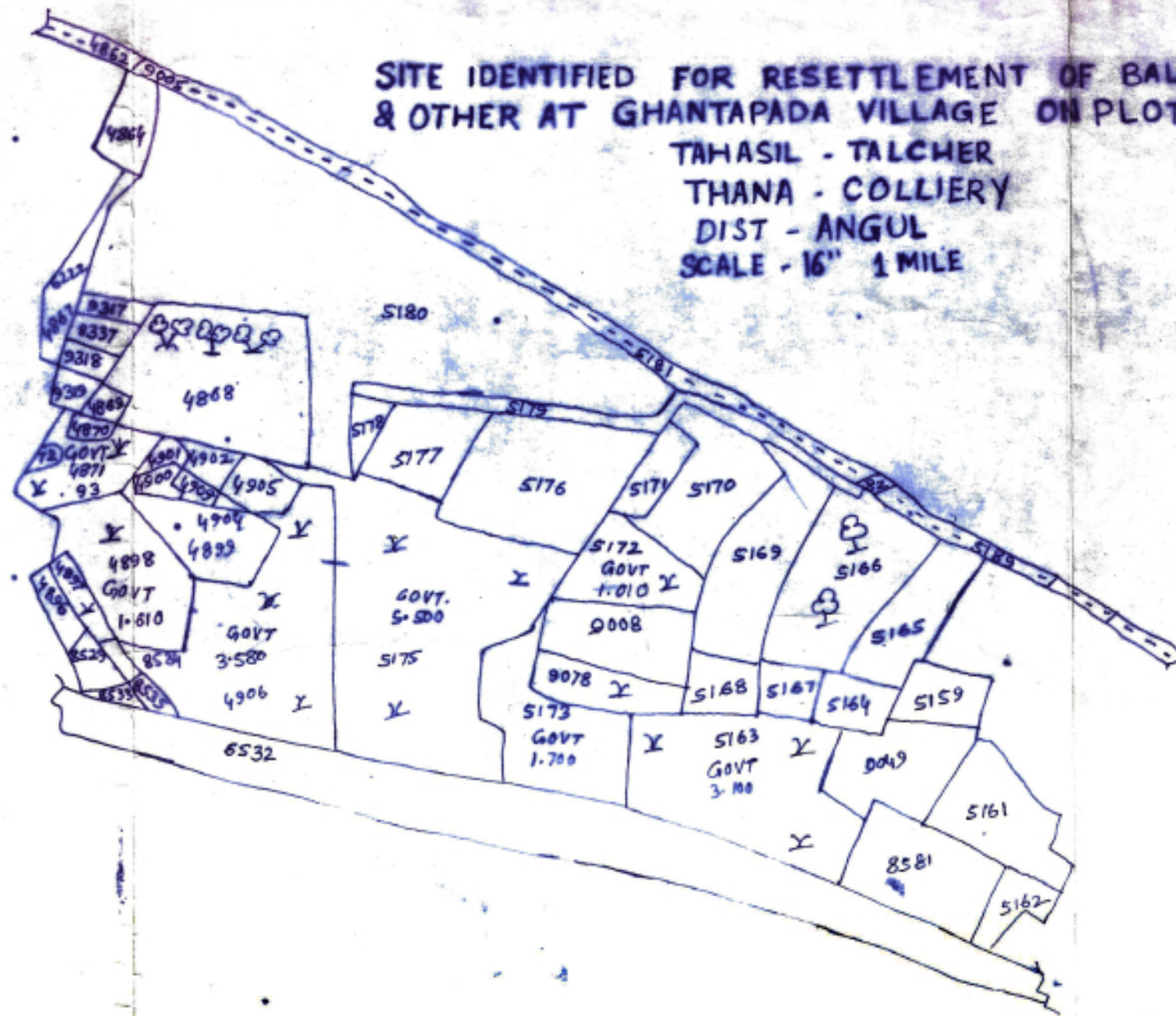








SITE IDENTIFIED FOR RESETTLEMENT OF BALANDA VILLAGE  
& OTHER AT GHANTAPADA VILLAGE ON PLOTS 4906, 5175, 4898, 5173, 5163, 4871  
TAHASIL - TALCHER  
THANA - COLLIERY  
DIST - ANGUL  
SCALE - 1" = 1 MILE



PERMISSION GRANTED U/S 3 OF THE O.T.P. & IT ACT  
1956 FOR LAY OUT PURPOSE SUBJECT TO CONDITIONS  
CONTAINED IN LETTER NO. 197 DATED 30.1.95

Sd/SECRETARY  
TALCHER-ANGUL-MFRAMANDLL  
REGIONAL IMPROVEMENT TRUST

VALID TILL DATE - 29.1.98

Sd/- SECRETARY  
TAMRIT

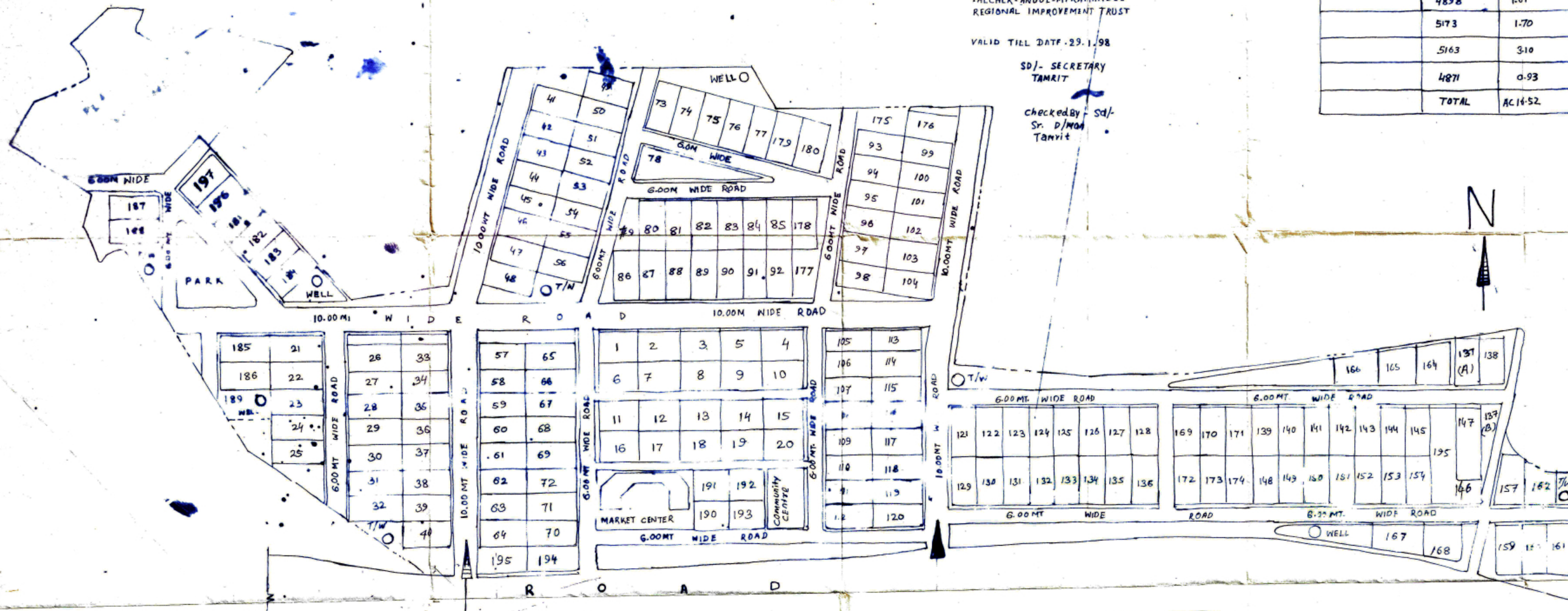
checked by Sd/-  
Sr. D/MOM  
TAMRIT

LAND USE ANALYSIS

SL NO	DESCRIPTION OF LAND	AREA (SQUARE METRE)	% OF TOTAL AREA
1	TOTAL AREA	66855	100
2	RESIDENTIAL AREA	32200	48.16
3	ROADS	1511	2.26
4	SCHOOL & PLAYGROUND	3735	5.59
5	COMMUNITY CENTRE	1326	1.98
6	MARKET PLACE	1216	1.82
7	PARKS & OPEN SPACE	13277	19.85

LAND SCHEDULE

KHATA NO	PLOT NO	AREA IN ACRES	KISAM
1155 (A-J. ANABADI)	4906	3.68	PATITA
	5175	5.50	-DO-
	4898	1.61	-DO-
	5173	1.70	-DO-
	5163	3.10	-DO-
	4871	0.93	-DO-
	TOTAL	AC 14.52	



LAY-OUT PLAN OF REHABILITATION SITE AT VILLAGE GHANTAPADA  
FOR FAMILIES OF BALANDA & OTHER VILLAGES

SIZE OF PLOTS = 20MT X 10MT  
SCALE = 1:1000

Sd/-  
S.O. (SURVEY)  
JAGANNATH AREA

STAFF OFFICER (L&R)  
JAGANNATH AREA

17.11.2020  
STAFF OFFICER (L&R)  
JAGANNATH AREA

20.11.2020  
CHIEF GENERAL MANAGER  
JAGANNATH AREA

MAHANADI COALFIELDS LIMITED  
JAGANNATH AREA





REVENUE PART PLAN OF VILLAGE  
GURUJANG SHOWING THE R & R SITE  
SCALE 1" = 1 MILE



J.P. SCHOOL  
CONVERTIBLE  
KITCHEN

Dispute Line

Administrative  
R & R

17-11-2020  
Sd/-  
100 met and

MAHANADI COALFIELDS LIMITED	
JAGANNATH AREA	
PLAN SHOWING THE R & R SITE AT VILLAGE GURUJANG	
OVER PLOT NO-3474, 3466, 3905 & 3910	
SCALE NOT TO SCALE	
Sd/- 17-11-2020 Sd/- 100 met and	Sd/- 17-11-2020 Sd/- 100 met and
GENERAL MANAGER JAGANNATH AREA	GENERAL MANAGER JAGANNATH AREA