



**cmpdi**  
A Mini-Ratna Company

सेन्ट्रल माईन प्लानिंग एण्ड डिजाइन इन्सटीच्यूट लिमिटेड  
(कोल इण्डिया लिमिटेड की अनुषंगी कम्पनी / भारत सरकार का एक लोक उपक्रम)  
गोन्दवाना प्लेस, काँके रोड, राँची - 834 031, झारखंड (भारत)

Central Mine Planning & Design Institute Limited  
(A Subsidiary of Coal India Limited / Govt. of India Public Sector Undertaking)  
Gondwana Place, Kanke Road, Ranchi - 834 031, Jharkhand (INDIA)

पत्रांक: D-5/G-38/

सेवा में,

महाप्रबन्धक (सी पी)

Coal India Limited

COAL BHAWAN

Premises No. - 04 MAR, Plot No. - AF III

Action Area 1A, New Town

Kolkata - 700 156

दिनांक 31.03.2025

**Sub.: Assessment of Capacity of opencast mines of CIL - Projections as on 1.4.2025**

Dear Sir,

Enclosed please find Assessment of Capacity of Opencast mines of CIL - Projections as on 1.4.2025.

There is considerable mismatch in excavation and transportation capacity in some of the mines, which has been presented in Annexure - 1.

Necessary action may kindly be taken to minimize the mismatch.

भवदीय,

रणदीप 31/3/25

महाप्रबन्धक (ओपनकास्ट)

Encl: As above

1. अध्यक्ष-सह-प्रबन्ध निदेशक, सी एम पी डी आई, - आपके सूचनार्थ
2. निदेशक (तकनीकी/पी & डी), सी एम पी डी आई - आपके सूचनार्थ
3. कार्यकारी निदेशक (उत्पादन), सी आई एल, कोलकता - (1 प्रति संलग्न)
4. कार्यकारी निदेशक (ई ई डी), सी आई एल, कोलकता - (1 प्रति संलग्न)
5. महाप्रबन्धक (उत्खनन), ई सी एल - Assessment प्रति के साथ
6. महाप्रबन्धक (उत्खनन), बी सी सी एल - Assessment प्रति के साथ
7. महाप्रबन्धक (उत्खनन), सी सी एल - Assessment प्रति के साथ
8. महाप्रबन्धक (उत्पादन), डब्लु सी एल - Assessment प्रति के साथ
9. महाप्रबन्धक (उत्खनन), एस ई सी एल - Assessment प्रति के साथ
10. महाप्रबन्धक (उत्खनन), एन सी एल - Assessment प्रति के साथ
11. महाप्रबन्धक (आई ई डी), एन सी एल - Assessment प्रति के साथ
12. महाप्रबन्धक (उत्खनन), एम सी एल - Assessment प्रति के साथ
13. क्षेत्रीय निदेशक, आर.आई.-I / II / III / IV / V / VI / VII
14. महाप्रबन्धक (पी&पी), ई सी एल/बी सी सी एल/ सी सी एल/ डब्लु सी एल/  
एस ई सी एल/एन सी एल/एम सी एल



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सीआईएल की ओपनकास्ट  
खानों की क्षमता  
का आकलन  
**ASSESSMENT OF CAPACITY  
FOR  
OPENCAST MINES OF CIL**

**1.4.2025 के अनुमान  
PROJECTIONS AS ON 1.4.2025**

**मार्च 2025  
ओपनकास्ट डिवीजन  
MARCH 2025  
OPENCAST DIVISION**

STRICTLY RESTRICTED  
FOR COMPANY USE ONLY

RESTRICTED

The information given in this report is not to be communicated directly or indirectly to the press or to any person not holding an official position in the

## PREFACE

The capacities of opencast mines of CIL - Projections as on 1.4.2025 have been presented in this document.

The assessment is based on -

- (a) Capacity of the mine as on 1.4.2024,
- (b) Addition / deletion of capacity during 2024-25 due to -
  - (i) commissioning of new equipment,
  - (ii) inter-project transfer of equipment, and
  - (iii) survey off / write off / grounding of equipment

The input data for (b) (i) above is based on actual up to 31.12.2024 and projections for the period 1.1.2025 to 31.3.2025, submitted by the operating coal companies. For (b) (ii) & (iii), equipment transferred/ surveyed off / written off / grounding up to 31.3.2025, as intimated by the operating coal companies, have been taken into account.

The assessment is presented for each operating coal company separately and the same is summed up for CIL.

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### ASSESSMENT OF CAPACITY FOR OC MINES IN COMPANIES OF CIL - PROJECTIONS AS ON 1.4.2025

CONSIDERING : (i) EQUIPMENT SURVEYED OFF UPTO 31.3.2025  
(ii) LIKELY EQUIPMENT ADDITION UPTO 31.3.2025

Sl. No.	SUBSIDIARIES OF COAL INDIA LIMITED	DEPTT. MINE CAPACITY			Excavation & Transport through Hiring/ Contractor (Projected) Mcum	Total Mine Capacity Mcum	Capacity of Coal Production			Capacity of Overburden Removal			No. of Mines Assessed	
		Dragline System Mcum	Surface Miner System Mcum	Shovel-Dumper System Mcum			TOTAL Mcum	TOTAL Mcum	Departmental Mcum	Hired/ Contractual Mcum	TOTAL Mcum	Departmental Mcum		Hired/ Contractual Mcum
1	Eastern Coalfields Ltd.	2.96		38.91	155.48	197.36	30.39	47.39	7.39	40.00	166.97	36.97	130.00	29
2	Bharat Coking Coal Ltd.	1.92		35.28	170.83	208.03	30.79	47.35	12.51	34.85	177.23	29.13	148.10	42
3	Central Coalfields Ltd.		1.56	50.44	180.08	232.08	69.84	114.34	25.24	89.10	162.24	36.24	126.00	41
4	Western Coalfields Ltd.			52.54	394.25	446.79	46.33	73.04	26.99	46.05	400.46	35.61	364.85	30
5	South E. Coalfields Ltd.		18.30	108.51	415.77	542.59	125.92	204.13	30.13	174.00	416.67	108.43	308.24	22
6	Northern Coalfields Ltd.	75.38	25.93	169.92	371.50	642.73	87.32	135.87	135.87		555.41	183.91	371.50	10
7	Mahanadi Coalfields Ltd.		34.12	58.73	435.72	528.57	152.92	254.94	60.47	194.47	375.65	56.56	319.09	15
TOTAL for Coal India Ltd.		80.26	79.92	514.33	2123.63	2798.14	543.50	877.06	298.60	578.47	2254.64	486.86	1767.78	189

31.03.2025

**ASSESSMENT OF CAPACITY FOR OC MINES IN ECL - PROJECTIONS AS ON 1.4.2025**

CONSIDERING  
 (i) EQUIPMENT SURVEYED OFF UPTO 31.03.2025  
 (ii) LIKELY EQUIPMENT ADDITION UPTO 31.03.2025

AREA	Sl. No. PROJECT	Rated capacity of Coal as per PR	Average Stripping ratio	Excavation Capacity		Transportation Capacity	Deptt. Mine Capacity	Excavation & Transport through Hiring / contractor (projected)	Total Mine Capacity	Capacity of Coal Production			Capacity of Overburden Removal		
				Dragline System	Shovel-dumper System					Mcum	Mcum	TOTAL	Dept-mental	*Hired/ Contractual	TOTAL
KAJORAGRAM KENDA	1 JAMBAD	0.80	4.92	2.85	1.81	1.81	1.81	0.70	2.51	0.30	0.45	0.45	2.21	1.51	0.70
	2 SHANKARFJR + CHORA	0.30	3.29	0.21	0.23	0.21	0.21		0.21	0.04	0.05	0.05	0.18	0.18	
	3 CL JAMBAD	0.40	6.63	3.89	1.94	1.94	1.94	1.17	3.11	0.27	0.40	0.15	2.84	1.84	1.00
	4 NORTH SEARSOL			3.32	1.82	1.82	1.82	4.33	6.15	0.96	1.44	0.94	5.19	1.19	4.00
MUGMA	5 BARAMURI	0.24	2.48	2.64	1.95	1.95	1.95		1.95	0.43	0.62	0.62	1.53	1.53	
	6 RAJPURA			1.78	0.84	0.84	0.84		0.84	0.06	0.09	0.09	0.77	0.77	
	7 GOPINATHPUR			0.76				0.40	0.40	0.10	0.15	0.00	0.30	0.00	0.30
	8 BADJNA							0.43	0.43	0.13	0.20	0.20	0.30	0.00	0.30
PANDAVESWAR	9 KOTTADH	1.60	4.50	4.37	4.25	4.25	4.25		4.25	0.53	0.83	0.83	3.72	3.72	
	10 BONJEMEHARI							1.62	1.62	0.32	0.50	0.50	1.30	1.30	
	11 DABOR			1.65	1.41	1.41	1.41		1.41	0.29	0.43	0.43	1.12	1.12	
SONEPIUR BAZARI	12 MOHANPUR							6.63	6.63	1.23	1.85	1.85	5.40	5.40	
	13 BEGUNIA / GOURANGDIH							3.87	3.87	0.87	1.30	1.30	3.00	3.00	
	14 SONEPIUR BAZARI	12.00	6.53	15.09	10.25	10.25	13.21	71.12	84.34	8.72	13.00	13.00	75.61	13.21	62.40
	15 CHITRA	2.50	3.30	5.06	4.01	4.01	4.01	5.80	9.81	1.63	2.48	2.48	8.18	2.38	5.80
BANKOLA	16 NAKRAKONDA KUMARDIH-B	3.00	6.05	1.00	0.90	0.90	0.90	7.80	8.70	0.90	1.35	1.35	7.80	0.00	7.80
	17 HURA C				0.27	0.27	0.27	4.83	4.83	1.33	2.00	2.00	3.50	3.50	
<b>SUB-TOTAL</b>				2.96	42.63	29.67	<b>32.35</b>	108.71	141.06	18.11	27.14	7.39	122.95	27.45	95.50
RAJMAHAL	18 RAJMAHAL	17.00	2.01	9.52	16.70	16.70	<b>9.52</b>	28.78	38.30	9.18	15.60	15.60	29.12	9.52	19.60
<b>CONTRACTUAL PATCHES</b>															
PANDAVESWAR	19 MADHAIPIUR							0.23	0.23	0.03	0.05	0.05	0.20	0.20	
	20 DALURBAND							2.17	2.17	0.17	0.25	0.25	2.00	2.00	
KENDA	21 BONBAHAL							3.77	3.77	0.47	0.70	0.70	3.30	3.30	
	22 NEW KENDA							0.27	0.27	0.07	0.10	0.10	0.20	0.20	
	23 SIDULI OC							2.10	2.10	0.20	0.30	0.30	1.90	1.90	
SIRIPIUR	24 BHANORA							1.50	1.50	0.20	0.30	0.30	1.30	1.30	
	25 NINGHA (SS) OC														
SATGRAM	26 NIMCHA														
	27 CHARANPUR														
SALANPUR	28 ITAPARA OC							2.17	2.17	0.67	1.00	1.00	1.50	1.50	
	29 GOURANGDIH OC							2.07	2.07	0.57	0.85	0.85	1.50	1.50	
SODEPIUR	30 PARBELIA CC							1.30	1.30	0.10	0.15	0.15	1.20	1.20	
	31 CHAPAPUR OC							1.73	1.73	0.43	0.65	0.65	1.30	1.30	
MUGMA	32 BANSRA														
	33 KAPASARA							0.70	0.70	0.20	0.30	0.30	0.50	0.50	
	34 NIRSHA OC														
<b>TOTAL</b>				2.96	52.15	46.38	<b>41.87</b>	155.48	197.36	30.39	47.39	<b>7.39</b>	166.97	<b>36.97</b>	130.00

Note: 1 \* Excavation through hiring - as anticipated by the company during 2025-26  
 2. Total capacity and capacity of coal production and overburden removal include anticipated excavation through hiring, as above.

31.03.2025

# ASSESSMENT OF CAPACITY FOR OC MINES IN BCCL - PROJECTIONS AS ON 1.4.2025

CONSIDERING : (i) EQUIPMENT SURVEYED OFF UPTO 31.03.2025  
(ii) EQUIPMENT LIKELY ADDITION UPTO 31.03.2025

AREA	Sl. No. PROJECT	Rated Capacity of coal as per PR	Average Stripping Ratio	Excavation Capacity		Transportation Capacity	Deptt. Mine Capacity	Excavation & Transport through Hiring / Contractor (Projected)	Total Mine Capacity	Capacity of Coal Production			Capacity of Overburden Removal		
				Dragline System	Shovel-dumper System					Mcum	Mcum	Mcum	Mt	Mt	Mt
BARORA	1 DAMODA	NA	2.53				2.28		2.28		0.48	0.71	0.71		1.80
	2 SHATABDI-MURADIH	1.15	2.27	3.13	3.85	2.28	3.82		3.82		0.81	1.33	1.33		3.01
	3 GHANOODIH OBR	1.00	2.13	0.12											
	4 BASTA COLLAV BERA														
	5 GOLUCKDIH / KUIYA OCP	1.00	2.64	4.99	4.22		4.22		4.22		0.79	1.30	1.30		3.43
BASTACOLLA IX	6 BLOCK-II(C) AMALGAMATED	2.50	4.49	1.92	5.71	5.85	7.63		7.63		0.90	1.40	1.40		6.73
	7 DAHIBARI BASANTIMATA	1.30	2.08	3.63	2.92		2.92		2.92		0.68	1.08	1.08		2.24
BLOCK II	8 AKASHKINARI	0.50	1.43	3.58	3.16		3.16		3.16		0.99	1.48	1.48		2.17
	9 KOORIDIH/ BLOCK-IV	0.66	1.81	1.95	1.79		1.79		1.79		0.56	0.87	0.87		1.24
CHANCH VICTORIA	10 WM / KESHAPUR Expn			4.63	3.07		3.07		3.07		0.83	1.24	1.24		2.24
	11 DHANSAR / VISHWAKARMA	0.60	2.38	4.13	2.66		2.66		2.66		0.66	0.99	0.99		2.00
KUSUNDA	12 NT-ST-JEENAGORA	0.40	2.85	2.91	2.84		2.84		2.84		0.60	0.94	0.94		2.24
	13 VICHITPUR			3.10	1.64		1.64		1.64		0.56	0.84	0.84		1.08
LODNA X	14 TETULMARI			1.16	1.90		1.16		1.16		0.22	0.33	0.33		0.94
	CONTRACTUAL PATCHES														
BARORA	15 DAMODA HIRED														
	16 AMAL MURADIH PHULARTI AND HIRED														
BLOCK-II	17 AMALG BLOCK-II OCP HIRED														
	18 NEW AKASHKINARI HIRED														
GOVINDPUR	19 .OGIDIH														
	20 WAHESHPUR														
KATRAS	21 BLOCK-IV GVP														
	22 AKWMC HIRED														
SIJUVA V	23 AGKCC HIRED														
	24 MUDDIH COLLIERY HIRED														
KUSUNDA	25 NICHITPUR COLLIERY HIRED														
	26 SENDRA BANSJORA HIRED														
SIJUVA	27 HANKANEE COLLIERY HIRED														
	28 TETULMARI COLLIERY HIRED														
KUSUNDA	29 NGKC HIRED														
	30 GKCC HIRED														
SIJUVA	31 EVA HIRED														
	32 EAST BASURIYA HIRED														
P B	33 DHANSAR(ADJ) HIRED														
	34 GOPALCHUCK HIRED														
BASTACOLA	35 KENDUADIH														
	36 BASTACOLA HIRED														
LODNA	37 ABDKC														
	38 KIVA HIRED PATCH														
EAST JHARIA	39 RJAPUR / S JHARIA HIRED														
	40 AI.NT-ST JEENAGORA HIRED														
CV	41 KJAMA HIRED														
	42 AMAL JOYRAMPUR HIRED														
TOTAL	43 BHOWRAH (S) HIRED														
	44 BHOWRAH (N) HIRED														
TOTAL	45 ASP COLLIERY HIRED														
	46 DAMAGORIA														
TOTAL	47 DAHIBARI BASANTIMATA HIRED														
	TOTAL			1.92	42.78	36.38	37.20	170.83	208.03	30.79	47.35	12.51	34.85	177.23	29.13

Note: \*1. Excavation through hiring - as anticipated by the company during 2025-26  
2. Total capacity and capacity of coal production and overburden removal include the excavation through hiring, as above.

# ASSESSMENT OF CAPACITY FOR OC MINES IN CCL - PROJECTIONS AS ON 1.4.2025

CONSIDERING :  
(i) EQUIPMENT SURVEYED OFF UPTO 31.03.2025  
(ii) LIKELY EQUIPMENT ADDITION UPTO 31.03.2025

AREA	Sl. No. PROJECT	Rated Capacity of Coal as per PR	Average Stripping Ratio	Crushing-Conveying System		Excavation Capacity		Shovel-Dumper System		Transportation Capacity	Deptt. Mine Capacity	*Excavation through Hiring / contractor (Projected)	Total Mine Capacity	Capacity of Coal Production		Capacity of Overburden Removal		
				Mcum	Mcum	Mcum	Mcum	Mcum	Mt					Mt	TOTAL	Departmental	*Hired / Contractual	
ARGADA	1 GIDI-A	2.00	2.92					2.69	1.68	1.68	1.68	0.30	0.47	0.47	1.37	1.37		
	2 GIDI-C EXPANSION	0.60	3.57					0.75	1.44	0.75	0.75	0.12	0.18	0.18	0.63	0.63		
	3 RELIGARA	0.50	2.60					3.54	2.12	2.12	2.12	0.43	0.65	0.65	1.69	1.69		
	4 SIRKA + SIRKA FIRE	1.45	3.64					0.94	2.13	2.13	1.20	0.33	0.50	0.50	1.81	1.69		
B & K	5 BOKARO REORGANISATION	0.80	1.66					1.26	0.93	0.93	0.20	0.32	0.49	0.19	0.30	0.81	0.81	1.20
	6 KARGALI		3.16					0.86										
	7 AKK/KHASMAL (EAST)	2.50	1.02			1.56		2.47	3.10	4.03	9.19	1.56	2.50	2.50	2.47	2.47	6.00	6.00
BARKAKANA	8 AKK/KHASMAL (WEST) CONT	5.50	1.06							9.19	7.24	3.19	5.10	5.10	6.00	6.00	4.50	4.50
	9 KARO-I CONT	1.50	0.63							7.24	7.24	2.74	4.50	4.50	4.50	4.50	4.50	4.50
	10 BHURKUNDA(KANGAM) CONT.	0.50	3.21									2.08	3.42	1.42	2.00	4.88	1.88	3.00
DHORI	11 AADOC (DHORI EAST+WEST)	1.50	1.43			4.63		2.74	2.74	6.95	4.21	2.08	3.42	1.42	2.00	4.88	1.88	3.00
	12 S. DHORI OCM	2.25	0.59			2.43		2.13	2.13	8.03	5.90	3.03	5.06	3.56	1.50	5.00	5.00	5.00
	13 GIRIDIH + KABRIBAD	0.30	1.97							2.13	2.13	0.53	0.80	0.80	0.80	1.60	1.60	1.60
HAZARIBAGH	14 JHARKHAND (AIYO)	1.00	2.19					3.11	1.62	1.62	2.27	0.38	0.57	0.57	1.24	1.24	1.80	1.80
	15 KEDLA	1.00	2.59					2.44	0.46	0.46	2.27	0.54	0.85	0.10	0.75	2.20	0.40	1.80
	16 PAREJ EAST	1.75	2.77					4.22	2.04	2.04	3.76	0.37	0.60	0.60	1.67	1.67	1.67	1.67
	17 TAPIN NORTH	2.50	2.62					3.23	1.72	1.72	3.76	1.07	1.68	0.48	1.20	4.41	1.41	3.00
KATHARA	18 TAPIN SOUTH CONT.									3.45	3.45	0.45	0.70	0.70	3.00	3.00	3.00	3.00
	19 KOTRE BASANI PACHMO CONT	5.00	4.78							4.86	4.86	0.96	1.50	1.50	3.90	3.90	3.90	3.90
	20 JARANGDIH	0.45	1.60			0.72		1.24	1.24	4.72	4.00	1.39	2.08	0.58	1.50	3.33	0.33	3.00
KUUJU	21 KATHARA	1.90	3.45			4.93		2.88	2.88	6.54	2.65	1.03	1.60	1.00	5.51	3.51	2.00	2.00
	22 GOVINDPUR-II	1.20	1.47			3.90		2.28	2.28	4.89	2.62	1.45	2.34	1.34	1.00	3.45	1.45	2.00
	23 KARMA	0.80	1.87					1.91	1.80	1.80	1.80	0.45	0.72	0.72	1.35	1.35	1.35	1.35
N.K	24 PUNDI	0.55	1.38					0.57		1.80	1.80	0.45	0.72	0.72	1.35	1.35	1.35	1.35
	25 ARA CONT.																	
	26 CHAINPUR (SARUBERA) CONT.	1.00	2.00					2.06	1.96	1.96	0.63	0.13	0.20	0.20	0.50	0.50	0.50	0.50
PIPARWAR	27 TOPA MARGINAL SCHEME	0.80	2.00							3.16	1.20	0.79	1.18	1.18	2.37	1.17	1.17	1.20
	28 DAKRA BUKBUA	1.07	1.51			1.36		1.36	2.58	1.36	1.20	0.40	0.64	0.64	0.97	0.97	0.97	0.97
	29 K.D.HESALONG	4.50	1.23			3.12		3.12	7.51	3.12	3.12	1.03	1.70	1.70	2.10	2.10	2.10	2.10
RAJHARA	30 PURNADIH	3.00	1.75			3.88		1.85	1.85	1.85	1.85	0.47	0.79	0.79	1.38	1.38	1.38	1.38
	31 ROHINI	2.00	1.61			1.58		3.99	3.99	1.58	1.58	0.43	0.71	0.71	1.15	1.15	1.15	1.15
	32 ASHOK	10.00	1.31			1.12		1.12	3.36	8.83	7.70	2.77	4.62	0.12	4.50	6.05	1.05	5.00
RAJRAPPA	33 RAJHARA NW	0.50	2.80							0.33	0.33	0.03	0.05	0.05	0.30	0.30	0.30	0.30
	34 TETARIAKHAR	3.00	0.98			2.33		1.57	1.57	3.33	1.76	1.30	2.08	1.18	0.90	2.03	0.83	1.20
	35 RAJRAPPA	2.00	2.91			5.88		6.24	6.24	10.28	4.40	1.86	2.89	2.89	8.41	4.01	4.40	4.40
BARKA SAYAL	36 N.URIMARI/BIRSA	7.50	2.06			3.37		1.55	1.55	11.49	9.94	2.94	4.70	4.70	8.55	1.55	7.00	7.00
	37 URIMARI	1.30	1.22			2.16		2.46	2.46	5.39	3.23	1.77	2.97	1.57	1.40	3.62	1.22	2.40
	38 SAYAL D CONT	1.00	5.68							3.75	3.75	0.75	1.20	1.20	3.00	3.00	3.00	3.00
AMRAPALI CHANDR.	39 SANGAM OC BALKUDRA CONT.									1.53	1.53	0.53	0.80	0.80	1.00	1.00	1.00	1.00
	40 AMRAPALI CONT.	25.00	2.08							43.51	43.51	15.51	26.00	26.00	28.00	28.00	28.00	28.00
	41 CHANDRAGUPTA CONT.	15.00	1.89							6.79	6.79	1.79	3.00	3.00	5.00	5.00	5.00	5.00
MAGADH SANGM.	42 MAGADH CONT	51.00	2.40							40.31	40.31	14.31	24.00	24.00	26.00	26.00	26.00	26.00
	TOTAL			1.56	71.46	64.72	52.00	180.08	232.08	69.84	114.34	25.24	89.10	162.24	36.24	126.00	126.00	126.00

Note: 1. \* Excavation through hiring - as anticipated by the company during 2025-26  
2. Total capacity and capacity of coal production and overburden removal include anticipated excavation through hiring, as above.

## ASSESSMENT OF CAPACITY FOR OC MINES IN WCL - PROJECTIONS AS ON 1.4.2025

CONSIDERING : (i) EQUIPMENT SURVEYED OFF UPTO 31.03.2025  
(ii) LIKELY EQUIPMENT ADDITION UPTO 31.03.2025

AREA	Sl. No. PROJECT	Rated capacity of Coal as per PR	Average Stripping Ratio	Excavation Capacity		Transportation Capacity	Deptt. Mine Capacity	Excavation & Transport through Hiring / Contractor (Projected)	Total Mine Capacity	Capacity of Coal Production			Capacity of Overburden Removal		
				Dragline System	Shovel-dumper System					Mcum	Mcum	Mcum	Mt	Mt	Mt
BALLARPUR	1	0.50	5.63	0.50	4.39	5.90	2.79	5.90	5.90	0.40	0.63	0.63	5.50	5.50	5.50
	2	1.70	2.44	2.79	4.65	33.11	4.65	33.11	35.90	5.05	7.82	4.32	30.85	0.00	30.85
	3	0.40	6.11	5.13	1.76	21.10	1.76	21.10	21.10	2.10	3.25	3.25	19.00	4.22	4.22
	4			4.53		24.42		24.42	26.18	1.67	2.59	0.39	24.51	1.51	23.00
	5	2.50	9.47	7.17	5.29	13.61	1.76	13.61	13.61	1.61	2.50	2.50	12.00	1.51	23.00
	6			4.95	4.34	18.00	4.34	18.00	22.34	1.85	3.11	3.11	20.49	2.49	18.00
CHANDRAPUR	7	2.00	8.68	7.17	5.29	13.61	1.76	13.61	13.61	1.61	2.50	2.50	12.00	1.51	23.00
	8	3.00	6.58	4.95	4.34	18.00	4.34	18.00	22.34	1.85	3.11	3.11	20.49	2.49	18.00
MAJRI	9	0.59	3.09	7.35	7.35	7.35	7.35	7.35	7.35	0.65	1.00	1.00	6.70	6.70	6.70
	10	2.50	5.49												
	11	1.20	8.09												
NAGPUR	12	0.80	3.59	5.36	4.34	27.00	4.34	27.00	31.34	4.34	6.94	6.94	27.00	27.00	27.00
	13					19.13		19.13	19.13	2.13	3.30	3.30	17.00	17.00	17.00
	14	3.50	4.43	7.72	5.58	5.94	5.58	5.94	11.51	1.42	2.28	0.78	10.09	5.09	5.00
	15	3.20	4.28	5.65	3.33	14.13	3.33	14.13	17.46	2.22	3.56	2.56	15.23	1.73	13.50
	16					5.77		5.77	5.77	0.77	1.20	1.20	5.00	5.00	5.00
	17					4.74		4.74	4.74	0.74	1.15	1.15	4.00	4.00	4.00
PENCH	18	0.22	5.48	9.69	9.69	9.69	9.69	9.69	9.69	1.19	1.85	1.85	8.50	8.50	8.50
	19			6.21	6.21	6.21	6.21	6.21	6.21	0.71	1.10	1.10	5.50	5.50	5.50
UMRER	20	1.80	2.14	0.76	2.83	0.76	0.76	0.76	0.76	0.17	0.27	0.27	0.58	0.58	0.58
	21					18.21		18.21	18.21	2.71	4.20	4.20	15.50	15.50	15.50
	22					16.21		16.21	16.21	1.21	1.88	1.88	15.00	15.00	15.00
WANI	23					23.40		23.40	23.40	2.90	4.50	4.50	20.50	20.50	20.50
	24	1.00	6.87	2.00	3.53	9.00	2.00	9.00	11.00	0.92	1.47	1.47	10.08	1.08	9.00
	25	4.38	5.56	5.09	3.37	28.47	3.37	28.47	31.84	3.13	5.16	0.26	28.71	3.21	25.50
	26	3.50	7.93	6.30	4.97	25.99	4.97	25.99	30.95	2.26	3.62	0.12	28.69	4.89	23.80
	27					3.39		3.39	3.39	0.39	0.60	0.60	3.00	3.00	3.00
	28	4.00	3.67	5.12	2.39	7.50	2.39	7.50	9.89	1.44	2.30	2.30	8.45	0.95	7.50
	29	0.60	5.77	1.46	1.86	5.02	1.46	5.02	5.02	0.52	0.80	0.80	4.50	4.50	4.50
	30	0.60	8.04	0.41		13.97	0.41	13.97	13.97	0.11	0.17	0.17	1.35	1.35	1.35
WANI NORTH	31	1.50	7.53	9.49	5.54	15.00	5.54	15.00	20.54	1.13	1.75	1.75	19.41	4.41	15.00
	32	0.57	9.20	74.42	58.16	394.25	58.16	394.25	446.79	46.33	73.04	26.99	400.46	35.61	364.85
	33	2.00	11.06												
	<b>TOTAL</b>			74.42	58.16	394.25	58.16	394.25	446.79	46.33	73.04	26.99	400.46	35.61	364.85

Note: 1. \* Excavation through hiring - as anticipated by the company during 2025-26  
2. Total capacity and capacity of coal production and overburden removal include anticipated excavation through hiring, as above.



## ASSESSMENT OF CAPACITY FOR OC MINES IN NCL - PROJECTIONS AS ON 1.4.2025

CONSIDERING: (i) EQUIPMENT SURVEYED OFF UPTO 31.03.2025  
(ii) LIKELY EQUIPMENT ADDITION UPTO 31.03.2025

Sl. No. PROJECT	Rated capacity of coal as per PR Mt	Average Stripping ratio	Excavation Capacity		Transportation Capacity	Deptt. Mine Capacity Mcum	Excavation & Transport through Hiring/ Contractor (Projected) Mcum	Total Mine Capacity Mcum	Capacity of Coal Production		Capacity of Overburden Removal			
			Dragline System Mcum	Surface Miner Mcum					Shovel-dumper System Mcum	TOTAL Mcum	Departmental Mcum	*Hired/ Contractual Mt	TOTAL Mcum	Departmental Mcum
1 AMLOHRI	10.00	4.18	14.35	27.41	26.96	41.31	47.00	88.31	10.79	16.18	16.18	77.52	30.52	47.00
2 BINA	600	5.27	8.52	3.75	12.43	24.70	28.95	53.65	5.43	8.69	8.69	48.22	19.27	28.95
3 BLOCK - B	800	4.33	1.97	3.51	9.04	5.48	22.00	27.48	5.48	8.34	8.34	22.00		22.00
4 DUDHICHUA	20.00	4.61	16.40	3.77	35.19	55.36	64.60	119.96	14.20	22.58	22.58	105.76	41.16	64.60
5 JAYANT	20.00	2.99	10.16	3.85	27.05	41.05	55.85	96.90	16.64	25.96	25.96	80.26	24.41	55.85
6 JHINGURDA	300	3.00	3.79	3.12	3.12	3.12	14.00	17.12	3.03	4.70	4.70	14.09	0.09	14.00
7 KAKRI	300	4.53	8.34	5.05	5.05	5.05	5.50	10.55	1.28	2.05	2.05	9.27	3.77	5.50
8 KHADIA	10000	4.29	11.49	3.85	16.56	31.90	46.00	77.90	9.75	15.21	15.21	68.15	22.15	46.00
9 KRISHNISHILA	400	3.38	3.96	2.49	5.25	6.45	22.60	29.05	6.45	9.77	9.77	22.60		22.60
10 NIGAHI	25.00	4.68	14.46	4.78	37.56	56.80	65.00	121.80	14.26	22.39	22.39	107.53	42.53	65.00
TOTAL			75.38	25.93	178.21	271.23	371.50	642.73	87.32	135.87	135.87	555.41	183.91	371.50

Job No. 020624020

Note: \*1. Excavation through hiring, as anticipated by the company during 2025-26

2. Total capacity of overburden removal includes the anticipated excavation through hiring, as above.

31.03.2025

## ASSESSMENT OF CAPACITY FOR OC MINES IN MCL - PROJECTIONS AS ON 1.4.2025

CONSIDERING : (i) EQUIPMENT SURVEYED OFF UPTO 31.03.2025  
(ii) LIKELY EQUIPMENT ADDITION UPTO 31.03.2025

AREA	Sl. No. PROJECT	Rated capacity of Coal as per P.R.	Average Stripping Ratio	Excavation Capacity		Transportation Capacity	Deptt. Mine Capacity	Excavation & Transport through Hiring/ contractor (Projected)	Total Mine Capacity	Capacity of Coal Production		Capacity of Overburden Removal	
				Dragline System	Surface Miner					Shovel Dumper	Mcum	Mt	Mcum
<b>IB VALLEY COALFIELD</b>													
MAHALAXMI	1 BASUNDHARA W.	7.00	0.88	1.21	2.25	2.01	3.22	18.28	3.22	1.31	2.17	1.91	1.91
BASUNDHARA	2 GARJANBAHAL	10.00	0.98	1.48	13.80	12.03	13.52	18.28	31.79	11.99	20.21	19.80	11.15
IB VALLEY	3 LAJKURA	2.50	3.40	4.87	3.37	3.37	3.37	13.87	17.24	2.71	4.50	14.53	3.37
	4 SAMLESHWARI	12.00	3.40	1.78	3.45	4.50	5.23	35.92	41.15	8.06	13.62	33.09	3.45
LAKHANPUR	5 INT LBL	30.00	3.53	6.01	10.57	14.36	16.59	99.08	115.67	25.16	42.02	90.50	10.57
<b>TALCHER COALFIELD</b>													
HINGULA	6 HINGULA	15.00	1.54	5.49	3.56	2.63	8.13	31.26	39.38	10.89	18.50	28.49	2.50
	7 BALRAM	8.00	2.21	3.59	4.04	8.83	7.63	20.26	27.89	5.46	9.12	22.43	4.04
JAGANNATH	8 ANANTA	15.00	2.21	7.19	8.12	4.67	11.85	40.44	52.29	14.56	24.31	37.74	4.67
	9 JAGANNATH	6.00	1.07	9.04	5.62	5.62	5.62	8.38	13.99	5.06	8.35	8.93	5.10
BHARATPUR	10 BHARATPUR	20.00	0.89	14.10	6.08	6.08	6.08	20.26	26.34	8.48	14.00	17.86	6.08
LINGRAJ	11 LINGRAJ	16.00	0.69	7.37	4.26	5.15	11.63	15.96	27.58	12.99	21.15	14.60	3.72
<b>CONTRACTUAL MINES</b>													
	12 KANIHA	10.00	1.63					18.76	18.76	7.78	13.00	10.98	10.98
	13 KULDA	15.00	0.97					25.83	25.83	13.04	21.00	12.79	12.79
	14 BHUBANESWARI	20.00	0.67					56.71	56.71	14.71	25.00	42.00	42.00
	15 SIARMAL							30.71	30.71	10.71	18.00	20.00	20.00
TOTAL				34.12	78.05	69.24	92.85	435.72	528.57	152.92	254.94	375.65	56.56
											60.47	194.47	319.09

Job No. 021724005

Note: \*1. Excavation through hiring, as anticipated by the company during 2025-26  
2. Total capacity and capacity of coal production and overburden removal include excavation through hiring figures, as above.

**Mismatch in Excavation (Shovels) & Transportation Capacity (mine-wise)**  
(As on 1.4.2025)

COMPANY	SI. No.	PROJECT	Excav. Capacity (Mcum)	Trans. Capacity (Mcum)
ECL	1	RAJMAHAL	9.52	16.70
	2	SONEPUR BAZARI	15.09	10.25
	3	CL JAMBAD	3.89	1.94
	4	NORTH SEARSOL	3.32	1.82
	5	CHITRA	5.06	4.01
	6	JAMBAD	2.85	1.81
BCCL	1	WM / KESHALPUR Expn	4.63	3.07
	2	DHANSAR / VISHWAKARMA	4.13	2.66
	3	NICHITPUR	3.10	1.64
NCL	1	JAYANT	34.40	27.05
	2	DUDHICHUA	41.09	35.19
	3	BLOCK - B	3.51	9.04
	4	BINA	16.05	12.43
	5	KAKRI	8.34	5.05
	6	KRISHNSHILA	2.49	5.25
	7	KHADIA	19.29	16.56
	8	NIGAHI	39.94	37.56
MCL	1	BHARATPUR	14.10	6.08
	2	BALRAM	4.04	8.83
	3	INT LBL	10.57	14.36
	4	ANANTA	8.12	4.67
	5	JAGANNATH	9.04	5.62
	6	GARJANBAHAL	13.80	12.03
	7	LAJKURA	4.87	3.37
	8	SAMLESHWARI	3.45	4.50
WCL	1	UKNI	9.49	5.54
	2	SASTI	4.53	1.76
	3	PENGANGA	5.12	2.39
	4	INDER-KAMPTEE	5.65	3.33
	5	GONDEGAON-GHATROHAN	7.72	5.58
	6	UMRER	0.76	2.83
	7	BHATADI EXPN.	7.17	5.29
	8	MUGOLI-NIRGUDA EXTN. (DEEP)	5.09	3.37
	9	GOURI PAUNI	2.79	4.39
	10	BELLORA NAIGAON DEEP	2.00	3.53
	11	NILJAI EXPN (DEEP)	6.30	4.97
	12	NEW MAJRI UG TO OC	5.36	4.34
SECL	1	KUSMUNDA	36.56	54.95
	2	GEVRA	57.34	69.17
	3	AMLAI	5.52	1.07
	4	DHANPURI	2.15	0.46
	5	RAMPUR BATURA	0.00	1.36
	6	CHIRIMIRI	1.29	2.32
	7	AMADAND	1.74	0.73
CCL	1	K.D.HESALONG	3.12	7.51
	2	ROHINI	1.58	3.99
	3	ASHOK	1.12	3.36
	4	PAREJ EAST	4.22	2.04
	5	PURNADIH	3.88	1.85
	6	KEDLA	2.44	0.46
	7	AADOC (DHORI EAST+WEST)	4.63	2.74
	8	N.URIMARI/ BIRSA	3.37	1.55
	9	GOVINDPUR-II	3.90	2.28
	10	TAPIN NORTH	3.23	1.72
	11	JHARKHAND (LAIYO)	3.11	1.62
	12	RELIGARA	3.54	2.12
	13	DAKRA BUKBUKA	1.36	2.58
	14	SIRKA + SIRKA FIRE	0.94	2.13
	15	KATHARA	4.93	3.90
	16	GIDI-A	2.69	1.68