



PRESENTATION

FOR

GRANT OF TOR

FOR

Ghonsa Expansion (Deep) OC

WANI NORTH AREA, WCL

Enhancement in Production Capacity from 0.60 MTPA to 1.50 MTPA with
increase in ML area from 278.683 Ha to 523.313 Ha



CONSULTANT

Central Mine Planning & Design Institute Ltd.,

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Tel. no. 0651-2230055

Accredited By QCI

Accredited by NABET – QCI vide Certificate No. NABET/EIA/2124/RA 0258 valid till 22.08.2024

Sectors Approved

Sl. No.	Sector No.	Name of Sector	Category
1	1 (a)	Mining of Minerals including opencast / underground mining	A
2	3 (a)	Coal Washeries	A
3	2 (a)	Thermal Power Plants	A
4	1 (b)	Offshore and Onshore Oil & Gas Exploration, Development & Production	A

BACKGROUND

- *Ghonsa OC Expansion Project is an existing mine.*
- *Environmental clearance for Ghonsa OC Expansion Project for capacity 0.6 MTPA within project area 278.683 ha has been granted vide letter no. No. J-11015/165/2009-IA-II(M) dated 08.06.2017.*
- *The proposed Ghonsa Expansion (Deep) OC mine envisages expansion of production capacity from 0.6 MPTA to 1.50 MTPA and increase in project area from 278.683 ha to 523.313 ha.*
- *A Mining Plan has been prepared and approved by competent authority i.e. WCL Board vide letter no. WCL / OFFICE OF CS/BM-366/2023-24/735 dated 12.10.2023.*



वेस्टर्न कोलफील्ड्स लिमिटेड
Western Coalfields Limited

पंजी.का.: कोयला बिहार, सिविल लाइन्स, नागपूर (महाराष्ट्र)-440001
Regd. Off.: Coal Estate, Civil Lines, Nagpur (MS) - 440001
CIN - U10100MH1975GOI018626

कंपनी सचिव का कार्यालय
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**BOARD MATTER
CONFIDENTIAL**

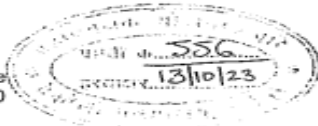
REF: WCL/Office of CS/BM-356/2023-24/ 735

DATE: 12.10.2023.

Reproduced below is the relevant excerpt from the minutes of 356th meeting of the Board of Directors of WCL held on 28th September, 2023:

"ITEM NO.356/ C-4

SUB Approval for Revised Mining Plan (including Mine Closure Plan) Sept, 2023 for Ghonsa Expansion Deep OC Mine (1.50 MTPA), Wani North Area.



- While deliberating on the proposal brought out in the agenda note, Shri Jai Prakash Dwivedi, Director (Technical) OP apprised the salient features of the Revised Mining Plan including Mine Closure Plan Sept, 2023 of Ghonsa Expansion Deep OC Mine, Wani North Area to the Board.
- On enquiry from Shri Bhagchand Agarwal, Independent Director regarding financial implication due to such revision in mining plan, it was informed that there will be reduction in capital investment due to change in type land (tenancy land decreased and forest land increased) and additional profit of approx. Rs. 5 Crores at 85% capacity
- In view of above and after deliberation, the Board accorded approval to the Revised Mining Plan including Mine Closure Plan Sept, 2023 for Ghonsa Expansion (Deep) OC Mine, Wani North Area with 1.5 MTPA capacity and 523.313 Ha land area including 330.743 Ha Tenancy, 55.74 Ha Govt and 136.83 Ha Forest land as brought out in the agenda note.
- As per suggestion by Shri Bhagchand Agarwal, Independent Director, the Board directed to include financial implication also in respect of revision in Project Report / Mining Plan/ Mine Closure Plan etc. henceforth.
- General Manager (P&P) to take necessary action in the matter."


COMPANY SECRETARY

GENERAL MANAGER (P&P)

CC: DIRECTOR (TECHNICAL) OP
DIRECTOR (FINANCE)
DIRECTOR (TECHNICAL) P&P
DIRECTOR (PERSONNEL)

W. Singh

Approval of the Mining Plan

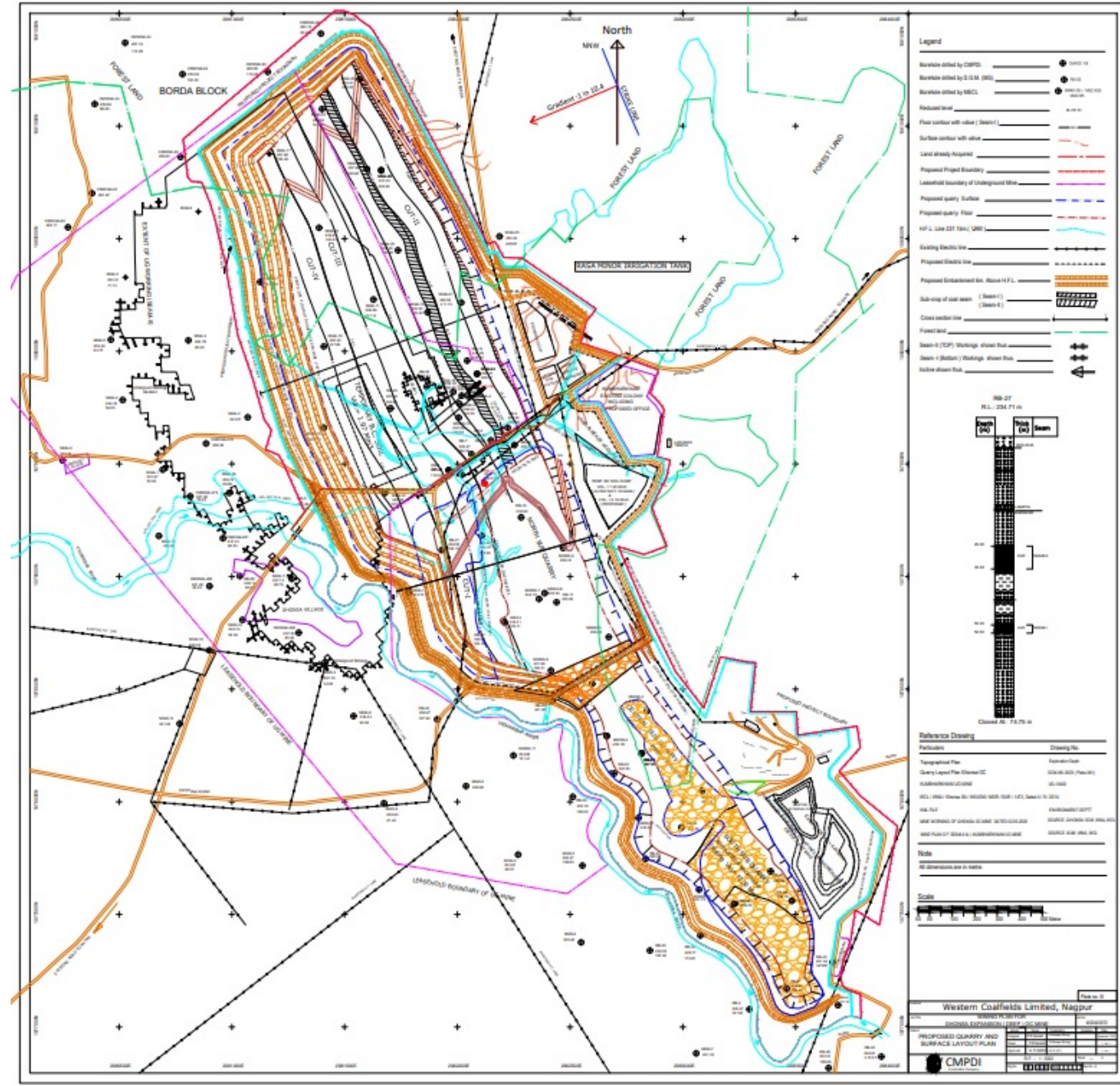
SALIENT FEATURES OF THE PROPOSAL

Sl. No.	Particulars	Remarks
1	Name of the proposal	Ghonsa Expansion (Deep) OC Mine
2	Type of proposal	Expansion
3	Capacity	1.50 MTPA
4	Proposed Mine Lease Area	523.313 Ha
5	Life of Mine	11 Years
6	Balance mineable reserves	13.31 Mt
7	Mining method	Open cast with Shovel and Dumper combination
8	Coal Transportation system	By Road upto Wani Railway Siding.
9	Forest Land	Total forest land involved is 136.83 ha out of which 24 ha has already been diverted in the existing Ghonsa Expansion OC. Additional forest land of 112.83 ha is to be diverted.

STAGE WISE LAND USE PLAN

Sl. No.	Land use category	1 st Year (present Year)	5 th Year	End of mine life (11th Year)	Post Mining
1	Backfilled Area (Reclaimed with plantation)	40.730	57.920	194.740	194.740
		0.000	0.000	50.000	194.740
2	Excavated Area (Not reclaimed)/void	71.930	152.790	111.930	111.930
3	Ext. OB dump	30.250	30.590	24.370	24.370
	Ext. OB dump (Reclaimed with plantation)	3.500	3.500	24.370	24.370
4	Undisturbed area (brought under plantation)	322.113	181.033	91.293	91.293
		0.000	30.000	65.000	65.000
5	Roads (avenue plantation)	3.770	11.110	11.110	11.110
		0.000	1.000	2.000	2.000
6	Flood protection embankment	23.790	41.100	41.100	41.100
		0.600	0.600	4.000	4.000
7	Area around buildings and infrastructure/Colony	30.730	48.770	48.770	48.770
		0.000	10.000	10.000	10.000
Total Area		523.313	523.313	523.313	523.313
Total Area under Plantation		4.100	45.100	155.370	300.110

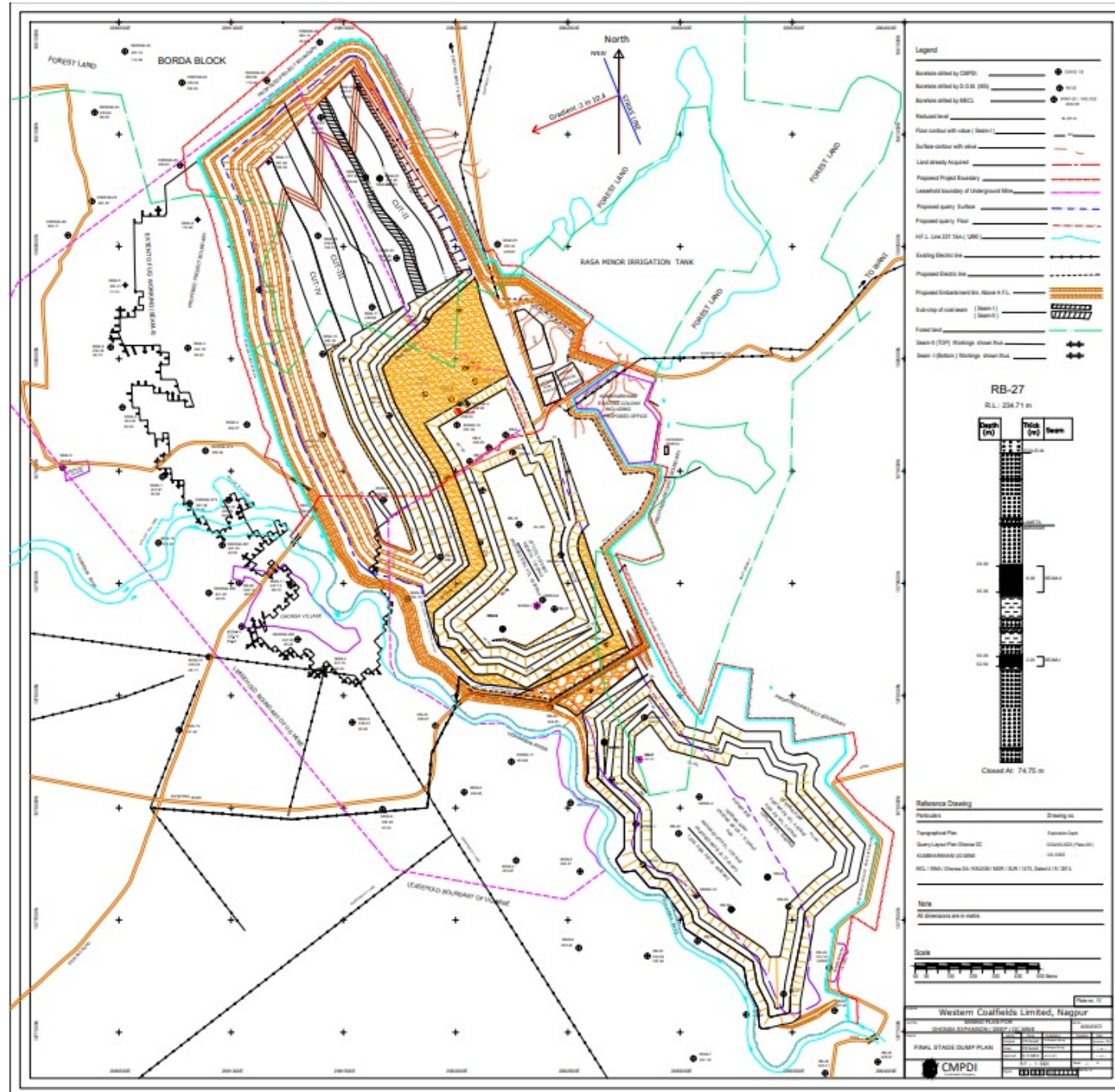
QUARRY AND SURFACE LAYOUT PLAN



POST MINING LAND USE



Sl. No.	Land use post mining	Land use (ha)				
		Plantation	Water Body	Public use	Undisturbed	Total
1	External OB Dump	24.37	0.00	0.00	0.00	24.37
2	Excavation	194.74	111.93	0.00	0.00	306.67
3	Infrastructure like Sub-station, CHP Service Buildings etc.	10.00	0.00	38.77	0.00	48.77
4	Undisturbed area (brought under plantation)	65.00	0.00	0.00	26.293	91.293
5	Road	2.00	0.00	9.11	0.00	11.11
6	Flood Protection Embankment	4.00	0.00	28.75	8.35	41.10
	Total	300.11	111.93	76.63	34.643	523.313



PROPOSED ENVIRONMENTAL COST

Sl. No.	Particulars	Capital (₹. In Lakhs)
1	Sedimentation Pond for Treatment of Mine Wastewater	30
2	Effluent Treatment Plant for treatment of Workshop Effluent	30
3	Base Line Environment Data Generation	15
4	Scientific Studies related to Environment	15
5	Fogging Arrangement for Dust control measures.	100
6	10 to 30 meter of three tier Green Belt along the mine boundary for 12-14 kms to control air pollution	200
7	Fixed Sprinklers along the haul road, coal transportation route, CHP and other dust generating sources and other air pollution control systems etc	150
8	Digital Mapping for Land Use Plan	15
9	Continuous Ambient Air Quality Monitoring Station(CAAQMS)	75
10	Sewage treatment Plant	75
11	Installation of Piezometers with telemetry	24
12	Misc Provisions for fulfilment of additional regulatory requirements imposed by SPCB or MoEF&CC in Environment clearance, CTE and CTO	200
	TOTAL	929

SUBMISSION

In view of above, it is requested that application for grant of TOR pertaining to Ghonsa Expansion (Deep) OC for production capacity of 1.50 MTPA in land area of 523.313 ha located near village Ghonsa, tehsil Wani, district Yavatmal, Maharashtra may kindly be considered.

THANK YOU