



MINING PLAN **(Including Progressive Mine Closure Plan)**

Jaisingpur Iron Ore Mine
By Preferred Bidder M/s. MSPL LIMITED
ML No. 2531, in Jaisingpur village, Sandur Taluk, Ballari
District, Karnataka State.

Submitted under Rule 16(1) of MCR 2016 & Progressive
Mine Closure Plan under Rule 23 of MCDR, 2017.



Volume – 1: TEXT

ML Area: 56.00 Ha
LOI : No: DMG:2020:MLS:AUC:2018-19/2354
Dated 14.08.2019
Validity : 50 Years w.e.f. date of lease execution & registration
Opencast, Category 'A' Fully Mechanized
Proposed for 'Non Captive Mine'
Total area: 56.00 Ha
Forest Area: 56.00 Ha
Name of the Forest: Sandur Reserve Forest
Reg No: IBM / 199 / 2011

Prepared By

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M.Sc.Geology

Qualified Person
July 2020



CONTENTS

Clause	Subject	Page No
0.0	Introduction	1-4
1.0	General	5-6
2.0	Location and Accessibility	6-8
3.0	Details of Approved Mining Plan/Scheme of Mining (If any)	9
PART A		
1.0	Geology & Exploration	10-23
2.0	Mining	24-44
3.0	Mine Drainage	45-46
4.0	Stacking of Mineral Rejects/Sub-grade material and Disposal of waste.	46-48
5.0	Use of Mineral and Mineral Reject	49-50
6.0	Process of ROM and Mineral Reject	50-52
7.0	Other	52-53
8.0	Progressive Mine Closure Plan under Rule 23 of MCDR 2017	54-72
PART B		
9.0	Certificate/Undertakings/Consents	2
10.0	Plans & Sections	23
11.0	Annexures	15

LIST OF ANNEXURES



Sl.No.	Subject	Annexure No.	No. of Pages
1	CEC Letter vide Files No 2-61/CEC/SC/2012 dated 15.11.2012.	1	2
2	Letter of Intent (LOI) Issued by Government of Karnataka, No DMG-2020:MLS:AUC: 2018-19/2354 dated 14.08.2019. The tender document issued by the GOK & other related documents	2	87
3	(i) Certificate of registration of the company & Memorandum of articles of association (ii) Resolution of the company authorization (iii) list of Board of Directors and address/contact numbers with e-mail id (iv) Nominated Owner of Board resolution. (v) ID proof of the nominated owner	3	69
4	Qualification and Professional experience certificate of Qualified Person	4	4
5	Geological Prospecting Report of Jaisingpur Iron Ore ML No 2531, including annexure and plates.	5	102
6	Copy of borehole logs drilled by M/s. Ashwathanarayana Singh and Co., & Analysis report of trial pits and boreholes.	6	71
7	Feasibility report along with financial analysis for economical viability to produce 0.12 MTPA	7	14
8	Estimation of Ore and Waste calculations	8	2
9	Year wise Development and Productions calculations	9(A) to 9(E)	5
10	Proposed Reclamation & Rehabilitation measures	10(a) to 10(e)	5
11	Processing plant flow chart (Mobile Crushing & Screening Plant)	11	2
12	Water balance chart	12	1
13	Environment report	13	20
14	Photographs of the Boundary pillars & Mines	14	7
15	Copy of approved R & R chapters 5,6 & 7	15	61



LIST OF PLATES

Sl.No.	Name of the Plate	Scale	Plate No
1	General Location Map	NTS	I
2	CEC ML Sketch	1:5000	II
3	Key Plan	1:50000	III
4	Surface Plan	1:2000	IV
5	Geological Plan	1:2000	V
6	Geological Cross Sections	1:2000	VI
7	Year wise Development & Production Plan for the I st Year	1:2000	VII A/1
8	Year wise Development & Production Sections for the I st Year	1:2000	VII A/2
9	Year wise Development & Production Plan for the II nd Year	1:2000	VII B/1
10	Year wise Development & Production Sections for the II nd Year	1:2000	VII B/2
11	Year wise Development & Production Plan for the III rd Year	1:2000	VII C/1
12	Year wise Development & Production Sections for the III rd Year	1:2000	VII C/2
13	Year wise Development & Production Plan for the IV th Year	1:2000	VII D/1
14	Year wise Development & Production Sections for the IV th Year	1:2000	VII D/2
15	Year wise Development & Production Plan for the V th Year	1:2000	VII E/1
16	Year wise Development & Production Sections for the V th Year	1:2000	VII E/2
17	Conceptual Plan	1:2000	VIII
18	Conceptual Sections	1:2000	IX
19	Environment Plan	1:5000	X
20	Reclamation Plan	1:2000	XI
21	Financial Area Assurance Plan	1:2000	XII
22	Dump Management plan (As per R&R)	1:2000	Fig No 5.1
23	Surface Water Management plan (As per R&R)	1:2000	Fig No 5.2



MSPL LIMITED

MINING PLAN
Jaisingpur Iron Ore Mine
(ML No 2531)

MINING PLAN OF
JAISINGPUR IRON ORE MINE



0.0 INTRODUCTION:

0.1 MSPL LIMITED is a leading mining company in Ballari - Hosapete region in private sector and engaged in mining of iron ore for last six decades. We have introduced state of art systems / method in mining. So that iron ore deposits are systematically and scientifically developed to produce iron ore. Company has setup a 1.2MMTPA of Pellet Plant at Koppal, near Hosapete. **MMTPA** is Million Metric Tons Per Annum.

0.2 Jaisingpur Iron Ore Mining block of by preferred bidder M/s. MSPL Limited, erstwhile Jaisingpur Iron Ore Mine of M/s. Ashwathanarayana Singh & Co., (ML. No. 2531) is situated in NEB range forest, Jaisinghpur village, Sandur taluk, Ballari district, Karnataka state.

0.3 The extent of this mining block was 129.50 ha when originally granted on 24.03.1966 to B.H.Ashwathanarayana Singh for a period of 30 years and valid up to 23.03.1996. After demise of Sri. Ashwathanarayana Singh, the M/s. Ashwathanarayana Singh & Co., has been recognized as the legal heirs. Subsequently the mining lease was applied for renewal, the renewal of mining lease was granted for 56.50 ha for a period of 20 years w.e.f. 24.03.1996 and valid up to 23.03.2016.

0.4 Further the mining activities remained suspended due to Blanket Ban of mining in Karnataka by the order of the Hon'ble Supreme Court by order dated 29.07.2011 imposed complete ban on mining operations and transportation in the areas of Ballari, Chitradurga and Tumkur districts, Karnataka.

0.5 Consequent upon the amendment of Section 8A (6) of MMDR Amended Act 2015. "The period of lease granted before the date of commencement of the Mines and Minerals (Development and Regulation) Amended Act, 2015, where mineral is used for other than captive purpose, shall be extended and be deemed to have been extended up to a period of ending on the 31st March, 2020 with effect from the date of expiry of the period of renewal last made or till the completion of renewal period, if any or a period of fifty years from the date of grant as such lease, whichever is later". Accordingly, extension of lease period in terms of Section 8A as per the MMRD Act, 2015 - execution of supplementary

This Mining Plan is approved subject to the conditions / stipulations Indicated in the Mining Plan approval letter No. 279/1106/2020/BNG Date. 28/07/2020

क्षेत्रीय खान नियंत्रक
Regional Controller of Mines
भारतीय खान ब्यूरो
Indian Bureau of Mines,
बंगलूर / Bangalore - 560 022



MSPL LIMITED



MINING PLAN

**Jaisingpur Iron Ore Mine
(ML No 2531)**

- ii) The entries to the pits in various blocks will be fenced off with display of notice boards at the fence prohibiting entry into the pits by unauthorized persons.
- iii) Pit boundaries would be fenced and high berms will be provided to prevent cattle's entering the pit.
- iv) At the entrance and strategic points in the mine areas, sentries and watchman would be deployed to guard the sensitive/important mine area, explosive magazine and other sensitive stores and services. They would be provided with mobile phones/walk-talkies to contact mine authorities/police/fire station etc., for help during emergency.
- v) The mine area would be kept well illuminated during night time.
- vi) Audible warning sirens would be established at strategic points to be used during emergency so that prompt help can be received from proper sources and protective measures are immediately taken by all personnel available.
- vii) Managerial, supervisory and competent persons of the mine would be engaged else where in other mines of the company as per the needs.

8.6 Financial Assurance:

The financial assurance can be submitted in any encashable form preferably a Bank Guarantee from a Scheduled Bank as stated in Rule 27(1) of Mineral Conservation and Development Rules, 2017 for five years period expiring at the end of validity of the document. The amount calculated for the purpose of Financial Assurance is based on the

CCOM's Circular no.4 dated 2006 as below. The financial assurance plan is enclosed as **Plate No XII.**

**MSPL LIMITED****MINING PLAN****Jaisingpur Iron Ore Mine
(ML No 2531)**

Table indicating the break-up of areas in the Mining Lease for calculation of
Financial Assurance

Table No: 61

SL.No	Head	Area put on use at start of plan (In Ha)	Additional requirement during plan period (In Ha)	Total (In Ha)	Area Considered as fully reclaimed & rehabilitated (In Ha)	Net area considered for calculation (In Ha)
		A	B	C=(A+B)	D	E=(C-D)
1	Area under mining	15.630	3.800	19.430	4.000	15.430
2	Storage for top soil	0.000	0.000	0.000	0.000	0.000
3	Waste Dump					
	(i) Inactive Dump	13.550	0.000	12.450	12.450	0.000
	(ii) Active Dump(AD-1)	0.350	5.030	5.380	0.000	5.380
4	Mineral storage	2.360	0.000	2.150	0.000	2.150
5	Infrastructure (Workshop, administrative buildings etc.)	0.060	0.000	0.060	0.000	0.060
6	Roads	0.910	0.000	0.480	0.000	0.480
7	Railways	0.000	0.000	0.000	0.000	0.000
8	Tailing pond	0.000	0.000	0.000	0.000	0.000
9	Effluent Treatment Plant	0.000	0.000	0.000	0.000	0.000
10	Mineral Separation Plant	0.000	0.000	0.000	0.000	0.000
11	Township area	0.000	0.000	0.000	0.000	0.000
12	Others (to specify)					
	(i) 7.5 m to be left along the ML boundary	3.540	0.000	3.540	3.540	0.000
	(ii) Non FC area : Safety zone (0.28) + Non FC area(3.72)	4.000	0.000	4.000	0.000	4.000
	(iii) Overlapping area : Mining (0.25)+ Safety zone(0.25)+ Road (0.02)+ Unused area (0.80)	1.320	0.000	1.320	0.000	1.320
	(iv) Float area reclaimed	1.630	0.000	1.630	1.630	0.000
	(v) Unused area	12.650	0.000	5.560	5.560	0.000
	SUB TOTAL	56.000	8.830	56.000	27.180	28.820

Note : 1. Inactive dumps (1.10 Ha) will be used under mining.
2. Mineral storage (0.21 Ha) will be used under active dump.



MSPL LIMITED



MINING PLAN

**Laisingpur Iron Ore Mine
(ML No 2531)**

Submission of Bank Guarantee is not applicable for a mining lease granted through the auction wherein the Mine Development and Production Agreement are signed between the lessee and the State Government.

S. Shivakumar

S. SHIVAKUMAR

Qualified Person

[Signature]

**क्षेत्रीय खान नियंत्रक
Regional Controller of Mines
भारतीय खान ब्यूरो
Indian Bureau of Mines,
बेंगलूर / Bangalore - 560 022**

This Mining Plan is approved subject to the conditions / stipulations Indicated in the Mining Plan approval letter No. 279/1106/2020/BNM.
Date 28/07/2020