

INDIAN BUREAU OF MINES

--:-- Inspection Report --:--

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	30RAJ17012	Lease Area (Ha) :	4.945
Forest Area (Ha) :	N/A	Mine Code :	30RAJ17012
Registration Number :	IBM/22436/2018	Name of lessee :	NILKANTH CONCAST PVT. LTD
Address of lessee :	PLOT NO.403, WARD 6/C, OPP. OM CINEPLEX, GANDHIDHAM, Kachchh, Gujarat, 370201 ,GANDHIDHAM, GANDHIDHAM	Phone of lessee :	02838-283495
Email of lessee :	Drathore333@gmail.com	Fax Number :	N/A
Village :	Bagoli	Taluka / Mandal :	Udaipurwati
District :	N/A	Pincode :	370201
State :	Rajasthan	Post Office :	N/A
Nearest Police Station :	Udaipurwati	Nearest Railway Station :	Neem Ka Thana
Date of Grant of Mining Lease :	2002-11-01	Date of Mining Lease Execution :	2002-11-01

Date of opening in the mine :	2002-11-01		
Nominated Owner Details			
Name of the Nominated Owner :	Dhirendra Singh	Nominated Owner Address:	A-52 Jaipur Road R K Puram Colony Bikaner
Nominated Owner Mobile :	9352411111	Nominated Owner Email :	Drathore333@gmail.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2021-08-23
Mining Engineer Details			
Name of the Mining Engineer :	Ayodhya Pal	Qualification of Mining Engineer :	Diploma ,FCC (R)
Address of Mining Engineer :	N/A	Phone of Mining Engineer :	9799176892
Email of Mining Engineer :	Drathore333@gmail.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2023-02-01		
Geologist Details			
Name of the Geologist :	Akhilanand Bhargav	Qualification of Geologist :	MSc Geology
Address of Geologist :	N/A	Phone of Geologist :	7014261560
Email of Geologist :	Akhilanandbhargav@gmail.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2022-05-08		
Mine Manager Details			
Name of the Mine Manager :	A.K Pandey	Qualification of Mine Manager :	B E
Address of Mine Manger :	Ward 19,Behind Panchayat Samiti,Chhawani	Phone of Mine Manger :	9784168859

Email of Mine Manger :	N/A	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2023-04-01		
Mineral(s) granted in lease and proved for mining :	IRON ORE	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	N/A
Method of mining :	Open Cast	Category :	MECHANISED
Nature of Use :	Non Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	Nishant Rao
Designation :	Sr. ACOM
Name of the Accompanying Official from Mine :	Supervisor
Designation of the Accompanying Official :	Mr Mahipal Singh
Type of Inspection :	MCDR,STR
Date of Inspection :	21/02/2025
Review year considered for MCDR Inspection :	2023-2024

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2.2.1 : Exploration Details

S.N.	Items for Reporting		As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of Core Boreholes		13	0	13.000	Rule 11(2)	No boreholes were drilled during 2023-24	Nil
2	Number of DTH Boreholes		0	0	0.000	No Violation	Nil	Nil
3	Number of exploratory pits / trial pits		0	0	0.000	No Violation	Nil	Nil
4	Number of exploratory Trenches		0	0	0.000	No Violation	Nil	Nil
5	Lateral exploration status for the lease area	G1	4.945	0.98	3.965	No Violation	All lease area not taken to G 1 as proposed in RMP, violation given in non compliance of borehole drilling	Nil
6		G2	0	0	0.000	No Violation	Nil	Nil
7		G3	0	0	0.0000	No Violation	Nil	Nil
8		G4	0	0	0.000	No Violation	Nil	Nil
9	UNFC category wise reported Resources/Reserves as per MP/MMP		111:349050 t 211:52600 t	111:266130 211:52600 T	nil	No Violation	Nil	Nil

	ROMP Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)	333:300300 t as on date 1/04/2022 Total 701950 t as per RMP	333:300300 T TOTAL 619030 t				
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2.3.1 : Development - Opencast Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Location of development w.r.t. lease area	PIT-1 AND PIT -2	Pit developed	nil	No Violation	Nil	Nil
2	Quantity of overburden generation in m3	17160	11625	5535.000	No Violation	Nil	Nil
3	Quantity of topsoil generation in m3	NA	NA	nil	No Violation	Nil	Nil
4	Stripping ratio : ore to OB ratio	7.5	7.3	0.200	No Violation	Nil	Nil

2.4.1 Exploitation - Opencast Mine Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of pits / Blocks proposed for production	2	2	0.000	No Violation	Nil	Nil
2	Quantity of ROM mineral production proposed (in T)	129027.6	107604.890	21422.710	No Violation	Less production	Nil
3	Recovery of salable/usable mineral quantity from ROM production in T)	100	100	0.000	No Violation	Nil	Nil
4	Quantity of mineral reject/Sub-grade generation	na	na	nil	No Violation	Nil	Nil
5	Grade of mineral reject/sub-grade generation as per threshold value declared	na	na	nil	No Violation	Nil	Nil
6	Manual/Mechanised method adopted for segregating subgrade/mineral rejects from ROM	manual	manual	nil	No Violation	Nil	Nil
7	Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	6	20	-14.000	Rule 11(2)	Bench height in pit 1 is more than 20 mtr	Nil
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	na	na	nil	No Violation	Nil	Nil

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2.4.3 : Exploitation - Dump Working Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Number of dumps proposed for production	1	1	0.000	No Violation	Nil	Nil
2	Quantity of dump material handling Proposed (in Tonne)	nil	nil	nil	No Violation	Nil	Nil
3	Recovery of salable/usable mineral from dump production (in Tonne)	na	na	nil	No Violation	Nil	Nil
4	Production from dump(s) during the year	na	na	nil	No Violation	Nil	Nil
5	Quantity of mineral reject generation	na	na	na	No Violation	Nil	Nil
6	Grade of mineral reject generation and threshold value declared	na	na	nil	No Violation	Nil	Nil
7	Any analysis or beneficiation study proposed & carried out for mineral reject	na	na	nil	No Violation	Nil	Nil
8	Manual / Mechanized method adopted for dump working	na	na	na	No Violation	Nil	Nil

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2.5.1 : OB/Waste Dumps Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	OB DUMP AREA 0.06 Ha.	OB DUMP AREA 0.06 Ha.	nil	No Violation	Nil	Nil
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	3070513N-30705 58N 568357E-568397 E	3070513N-30705 58N 568357E-568397 E	nil	No Violation	Nil	Nil
3	Number of active & Inative dumps	1	1	0.000	No Violation	Nil	Nil
4	Number of dead dumps	OB DUMP AREA 0.06 Ha.	OB DUMP AREA 0.06 Ha.	nil	No Violation	Nil	Nil
5	Number of dumps proposed for stabilished	na	na	nil	No Violation	Nil	Nil
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	na	na	nil	No Violation	Nil	Nil

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2.6.1 : Solid Waste Management - Backfilling (Opencast) Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Status on part or full extraction of mineral from mined out area before starting backfilling	na	na	nil	No Violation	Nil	Nil
2	Year-wise area under backfilling of mined out area	na	na	nil	No Violation	Nil	Nil
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	no proposal	no proposal	nil	No Violation	Nil	Nil
4	Total area fully reclaimed & rehabilitated	na	na	nil	No Violation	Nil	Nil
5	Locations of proposed reclamation & rehabilitated	na	na	nil	No Violation	Nil	Nil

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2.7.1 : Progressive Mine Closure Plan (PMCP) Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Compliance on reclamation and rehabilitation by backfilling/Other means Total area and numbers of plantation proposed.	na plantation prposed:30	30	nil	No Violation	Nil	Nil
2	Rehabilitation by making water reservoir	no proposal	no proposal	nil	No Violation	Nil	Nil
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	na	na	nil	No Violation	Nil	Nil
4	Compliance of Environmental monitoring (core zone & buffer zone)	proposed	yes	nil	No Violation	Nil	Nil

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2.8.1 : Mineral Conservation Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	ROM Mineral dispatch or grade-wise sorting within lease area	no proposal for dispatched	78801.39 t dispatched	nil	No Violation	Nil	Nil
2	Different grade of mineral sorted out at mines	na	na	nil	No Violation	Nil	Nil
3	Any beneficiation process at mines	no proposal	na	nil	No Violation	Nil	Nil
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	nil	nil	nil	No Violation	Nil	Nil

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2.9.1 : Environment Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Separate removal and utilization of topsoil	no proposal	nil	nil	No Violation	Nil	Nil
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	no proposal	no proposal	nil	No Violation	Nil	Nil
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	no proposal	nil	nil	No Violation	Nil	Nil
4	Plantation & Survival rate	90%	95 %	nil	No Violation	Nil	Nil
5	Water sprinkling on roads to control airborne dust	yes proposed	yes	nil	No Violation	Nil	Nil

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2.10 : Annual Return Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Submission of Online Monthly and Annual returns in prescribed period or not	-	AR submitted :20/05/2024	nil	No Violation	Nil	Nil
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mining engineer : Ak Pandey & Geologist : Akhilanand Bhargav	Mining engineer : Ak Pandey & Geologist : Akhilanand Bhargav	nil	No Violation	Nil	Nil
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	-	In PART-VI at sl no. 2. Production and Stocks of ROM ore at Mine-head: production being shown from dump working is 11625 t where as no proposal is given in the approved RMP	Production from dump working being shown but in approved RMP there is no proposal	Rule 45(7)	Production from dump working is being shown	Nil
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	na	na	nil	No Violation	Nil	Nil
5	Notices and Returns for the lease area submitted or not where fine applicable	na	na	nil	No Violation	All found in place	Nil
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	ASP value displayed for Rajasthan for Feb 2024 between 45 % to 80 % Fe	In AR submitted 3(i) Grade-wise ROM ore despatches from mine head ex	Sale price is below the cost of production as well as far below the ASP	Rule 45(7)	Deviation found in sale price,ex mine price ,cost of production	Nil

		lumps was rs 1805	mines price shown for Below 45% Fe ROM (For Magnetite Ore) is rs 39.45 7 at (b) 45% to below 51% Fe ROM is rs 717.93 . Sale price for different vendor varies from 109 to 500 whereas cost of production given is rs 395.73				
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2.11 : SDF Details

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Start Ratings accorded for mine during last 3 years	3	3	0.000	No Violation	Nil	Nil

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Part-III : Other Reports

3.1.1 : Upload Other Reports

S.N.	Reports File	Remark File Description
1	Nil	Nil

Part-IV : Summary Details

4.1 : Summary of Violations

S.N.	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule	Remark	Remark File
1	Exploration : Number of Core Boreholes	13	0	13.000	Rule 11(2)	No boreholes were drilled during 2023-24	Nil
2	Exploitation - Opencast Mine : Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	6	20	-14.000	Rule 11(2)	Bench height in pit 1 is more than 20 mtr	Nil
3	Annual Return : Whether incomplete or false or wrong returns submitted (Rule 45(7))	-	In PART-VI at sl no. 2. Production and Stocks of ROM ore at Mine-	Production from dump working being shown but in approved RMP	Rule 45(7)	Production from dump working is being shown	Nil

			head: production being shown from dump working is 11625 t where as no proposal is given in the approved RMP	there is no proposal			
4	Annual Return : Scrutiny of Annual return on sale value, Ex. Mine price & production cost	ASP value displayed for Rajasthan for Feb 2024 between 45 % to 80 % Fe lumps was rs 1805	In AR submitted 3(i) Grade-wise ROM ore despatches from mine head ex mines price shown for Below 45% Fe ROM (For Magnetite Ore) is rs 39.45 7 at (b) 45% to below 51% Fe ROM is rs 717.93 . Sale price for different vendor varies from 109 to 500 whereas cost of production given is rs 395.73	Sale price is below the cost of production as well as far below the ASP	Rule 45(7)	Deviation found in sale price,ex mine price ,cost of production	Nil

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Esigned by: Nishant Rao
Date: 18/03/2025 01:08:30 PM