

INDIAN BUREAU OF MINES

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

Part-I : General Information

1.1.1 Mine Details

Name of the Mine :	49APR14001	Lease Area (Ha) :	24.7
Forest Area (Ha) :	N/A	Mine Code :	49APR14001
Registration Number :	IBM/5664/2011	Name of lessee :	NAVA LIMITED
Address of lessee :	6-3-1109/1,NAVA BHARAT CHAMBERS ,RAJBHAVAN ROAD,SOMAJIGUDA,	Phone of lessee :	040-23403501
Email of lessee :	Ravindrareddy.t@navalimited.com	Fax Number :	N/A
Village :	Kacharam	Taluka / Mandal :	Devarakonda
District :	Nalgonda	Pincode :	500082
State :	Telangana	Post Office :	N/A
Nearest Police Station :	Devarakonda Police station	Nearest Railway Station :	Nalgonda Railway Station
Date of Grant of Mining Lease :	1987-09-25	Date of Mining Lease Execution :	1987-09-25
Date of opening in the mine :	1987-09-25		

Nominated Owner Details			
Name of the Nominated Owner :	Mr Ashok Devineni	Nominated Owner Address:	Hyderabad
Nominated Owner Mobile :	9676336888	Nominated Owner Email :	Chairman@navalimited.com
Nominated Owner Fax Number :	Nil	Date of Nominated Owner Appointment :	2011-01-01
Mining Engineer Details			
Name of the Mining Engineer :	Govindu Vinod Sai Kumar	Qualification of Mining Engineer :	B.Tech. Mining
Address of Mining Engineer :	Devarakonda, Nalgonda, Telangana	Phone of Mining Engineer :	8074914959
Email of Mining Engineer :	Saikumar.gv@navalimited.com	Fax Number of Mining Engineer :	N/A
Date of Mining Engineer Appointment :	2024-01-08		
Geologist Details			
Name of the Geologist :	T Ravindra Reddy	Qualification of Geologist :	M.Sc. Geology
Address of Geologist :	Devarakonda, Nalgonda, Telangana	Phone of Geologist :	9000196009
Email of Geologist :	Ravindrareddy.t@navalimited.com	Fax Number of Geologist :	N/A
Date of Geologist Appointment :	2008-01-31		
Mine Manager Details			
Name of the Mine Manager :	Govindu Vinod Sai Kumar	Qualification of Mine Manager :	B. Tech. Mining
Address of Mine Manger :	Devarakonda, Nalgonda, Telangana	Phone of Mine Manger :	8074914959
Email of Mine Manger :	Saikumar.gv@navalimited.com	Fax Number of Mine Manger :	N/A
Date of Mine Manger Appointment :	2024-01-08		

Mineral(s) granted in lease and proved for mining :	QUARTZ	Date of Approval of Mining Plan / Modified Mining Plan / ROMP with five-year period :	N/A
Method of mining :	Open Cast	Category :	OTHER_THAN_MECHANISED
Nature of Use :	Non Captive		

Part-II : Other Information

2.1.1 : Inspection Details

Inspecting Officer :	Jitesh Gangawat
Designation :	Assistant Controller Of Mines
Name of the Accompanying Official from Mine :	T. Ravindra Reddy
Designation of the Accompanying Official :	Sr. Manager, Mines Agent
Type of Inspection :	MCDR
Date of Inspection :	12/01/2026
Review year considered for MCDR Inspection :	2024-2025

Final Submitted

2.2.1 : Exploration Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of Core Boreholes	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Number of DTH Boreholes	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Number of exploratory pits / trial pits	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Number of exploratory Trenches	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Lateral exploration status for the lease area - G1	Not Proposed	None	Nil	No Violation
Remark: As per representation in Approved mining plan dated 21.05.2018, entire lease area 24.7 Ha is explored at G1 level without any exploratory drilling. As per rule 12(3), existing mining leases shall carry out detailed exploration (G1 Level) over entire potentially mineralized area in manner specified in the Minerals (Evidence of Mineral Contents) Rule, 2015 within a period of five					

years from the opening of the mine. therefore, it is advised to plan and carry out the detailed exploration (G1 Level) as per norms specified in type II of Part III of Annexure-I of Minerals (Evidence of Mineral Contents) Rule, 2015.

Remark File: NIL

6	Lateral exploration status for the lease area-G2	Not Proposed	None	Nil	No Violation
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Remark: NIL

Remark File: NIL

7	Lateral exploration status for the lease area-G3	Not Proposed	None	Nil	No Violation
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Remark: NIL

Remark File: NIL

8	Lateral exploration status for the lease area-G4	Not Proposed	None	Nil	No Violation
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Remark: NIL

Remark File: NIL

9	UNFC category wise reported Resources/Reserves as per MP/MMP ROMP Total Reserves (111, 121 & 122) and Total Mineral Resources (331, 332 & 333 upto 334)	As per approved mining plan dated 21.05.2018, reserve/resources of Quartz are as follows: 111: 1606116MT	as on 01.01.2026	Nil	No Violation
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Remark: NIL

Remark File: NIL

Final Submitted

2.3.1 : Development - Opencast Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Location of development w.r.t. lease area	in the year 2024-25 it is proposed to work between N200-300& E100-200 as per local grid starting from south-west corner of the lease	in the year 2024-25, work carried out between N200-400 &E100-200	1. Excavation done in the year 2024-25 is not as per approved mining plan. 2. Excavation is done on the 7.5m buffer Zone on the south side of the lease.	Rule 11(1)
Remark: it was planned to work in pit 1 of the mine in the year 2024-25 and in pit 2 in the year 2025-26 but excavation done from pit 1 & 2 in the year 2024-25 Remark File: NIL					
2	Quantity of overburden generation in m3	956.1	Generated overburden is available at site but not dumped at planned location for proper Identification	lessee has not maintained registers of production and dispatch as stated in rule 54 for quantity verification	No Violation
Remark: Separate violation will be given for not maintaining registers related to production and dispatch. Remark File: NIL					
3	Quantity of topsoil generation in m3	Not proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Stripping ratio : ore to OB ratio	6.25	Data not maintained	Register of OB generation is not maintained.	No Violation
Remark: Separate violation will be given for not maintaining registers related to production and dispatch. Remark File: NIL					

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2.4.1 Exploitation - Opencast Mine Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of pits / Blocks proposed for production	Pit-1 & 2 in year 2024-25 Pit-3 in year 2025-26	Mining done in the pit 1, 2 & 3 in the year 2024-25 & 2025-26	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Quantity of ROM mineral production proposed (in T)	47583 per year	47500 in year 2024-25 30000 in year 2025-26 (till December 2025)	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral quantity from ROM production in T)	47583	47500	83.000	No Violation
Remark: NIL Remark File: NIL					
4	Quantity of mineral reject/Sub-grade generation	7170	Data not maintained	Register of production is not maintained	No Violation
Remark: Separate violation will be given for not maintaining registers related to production and dispatch. Remark File: NIL					
5	Grade of mineral reject/sub-grade generation as per threshold value declared	ferruginous quartz	ferruginous quartz	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Manual/Mechanised	Manual sorting	Manual sorting	Nil	No

	method adopted for segregating subgrade/mineral rejects from ROM				Violation
Remark: NIL Remark File: NIL					
7	Whether height of benches in Overburden & mineral suitable for method of mining proposed in mining plan	height of the bench proposed is 6m and width is 3-6m	height of the bench observed in pit 1 & 2 is around 10-15m and excavation is done without formation of the benches.	Excavation done in the year 2024-25 has not followed approved mining plan.	Rule 11(1)
Remark: As benches have not been formed, overall slope angle is more than 75 degree which is not suitable for mining. Remark File: NIL					
8	Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject	Not proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					

2.4.3 : Exploitation - Dump Working Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Number of dumps proposed for production	Not Proposed	None	Nil	No Violation
Remark: NIL					

Remark File: NIL					
2	Quantity of dump material handling Proposed (in Tonne)	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Recovery of salable/usable mineral from dump production (in Tonne)	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Production from dump(s) during the year	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Quantity of mineral reject generation	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Grade of mineral reject generation and threshold value declared	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
7	Any analysis or beneficiation study proposed & carried out for mineral reject	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					

8	Manual / Mechanized method adopted for dump working	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					

2.5.1 : OB/Waste Dumps Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	Separate dumping of mineral rejects and OB is proposed.	OB is being dumped on the sides and sub grade mineral are being left on the bench.	1. OB & sub-grade minerals are not stored at designated place as per approved mining plan. 2. OB or Waste generated during excavation and sorting is not stored in separate dumps. 3. Sub-grade minerals/Mineral rejects is not stacked separately.	Rule 11(1) Rule 14(1) Rule 37(1)
Remark: Sub Grade identified as ferruginous quartz are not being stored at a designated place. Remark File: NIL					
2	Location of Topsoil, OB/Waste, Mineral Reject dumps, Tailings and Fines	OB & Sub-Grade Mineral are proposed to be stored on the south-west side of the lease.	OB is being dumped on the sides and sub grade mineral are being left on the bench.	OB & sub grade mineral are not stored at a designated place as per approved mining plan.	No Violation
Remark: Violation is pointed out in above column. Remark File: NIL					
3	Number of active & Inative dumps	2	0	2	No Violation
Remark: NIL Remark File: NIL					

4	Number of dead dumps	Not proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Number of dumps proposed for stabilised	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Stabilization Technique (Terracing, plantation, geo-textiles etc.)	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					

2.6.1 : Solid Waste Management - Backfilling (Opencast) Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Status on part or full extraction of mineral from mined out area before starting backfilling	Not Proposed	None	Nil	No Violation
Remark: Mineral has not exhausted in any part of the mine Remark File: NIL					
2	Year-wise area under backfilling of mined out	Not Proposed	None	Nil	No Violation

	area				n
Remark: NIL Remark File: NIL					
3	Year-wise topsoil generation, Utilization and Stored proposal (in m3)	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Total area fully reclaimed & rehabilitated	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Locations of proposed reclamation & rehabilitated	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					

2.7.1 : Progressive Mine Closure Plan (PMCP) Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Compliance on reclamation and rehabilitation by backfilling/Other means	in the year 2024-25, plantation is proposed as follows: No of plants: 51 Area: 255 m2	plantation is not done in the year 2024-25	proposed plantation in the year 2024-25 to be done on the 7.5m buffer zone is not done.	Rule 11(1)

	Total area and numbers of plantation proposed.				
Remark: NIL Remark File: NIL					
2	Rehabilitation by making water reservoir	Not proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation	Afforestation area: 255 m2	No plantation done	proposed plantation to be done on the 7.5m buffer zone is not done.	No Violation
Remark: Violation is pointed out above Remark File: NIL					
4	Compliance of Environmental monitoring (core zone & buffer zone)	Environment parameters like noise, air, water, and vibration to be kept under limit	only ambient air and noise survey is being done on regular basis	Ground water quality measurement and blast vibration monitoring is not being done.	No Violation
Remark: Lessee has been advised to start monitoring Ground water and Blast vibration to keep them under limit as per statute. Remark File: NIL					

2.8.1 : Mineral Conservation Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule

1	ROM Mineral dispatch or grade-wise sorting within lease area	Manual sorting of ROM to separate quartz	quartz is being separated from ROM	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Different grade of mineral sorted out at mines	Manual sorting of ROM to separate quartz	quartz is being separated from ROM	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Any beneficiation process at mines	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Utilization of Mineral Rejects or Sub-grade (Blending at ROM stage, Blending after Processing etc.)	ferruginous quartz to be used for blending with high grade quartz	ferruginous quartz is being used for blending	Nil	No Violation
Remark: NIL Remark File: NIL					

2.9.1 : Environment Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Separate removal and utilization of topsoil	Not Proposed	None	Nil	No Violation

					n
Remark: NIL Remark File: NIL					
2	Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc)	Not Proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
4	Plantation & Survival rate	in the year 2024-25 it is proposed to plant, No of Plants:51	no plantation done in the year 2024-25	in the year 2024-25, Plantation to be done on the 7.5m buffer zone is not done	No Violation
Remark: Violation pointed out in PMCP section Remark File: NIL					
5	Water sprinkling on roads to control airborne dust	water sprinkling to be done on the haul road	water sprinkling is not visible on the haul road	water sprinkling to control airborne dust on the haul road is not being done	Rule 11(1)
Remark: NIL Remark File: NIL					

2.10 : Annual Return Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Submission of Online Monthly and Annual returns in prescribed period or not	Monthly and annual returns as per timeline to be submitted online	Lessee has submitted monthly returns within timeline from September month onwards	Nil	No Violation
Remark: NIL Remark File: NIL					
2	Appointment of Mining Engineer & Geologist as per provisions of Rule 55 of MCDR,2017	Mining engineer and Geologist to be appointed for either Part time/Full time basis	Lessee has appointed mining engineer and geologist on full-time basis	Nil	No Violation
Remark: NIL Remark File: NIL					
3	Whether incomplete or false or wrong returns submitted (Rule 45(7))	Lessee has to furnish all the details correctly in the returns	lessee is yet to furnish annual return and monthly returns are being corrected	in monthly returns, lessee is making mistake in reporting ROM and grade wise production	No Violation
Remark: Lessee has been imparted with training for proper identification of minerals. Remark File: NIL					
4	Status of Approval of FMPCP u/r 24, 25 of MCDR,2017	Not proposed	None	Nil	No Violation
Remark: NIL Remark File: NIL					
5	Notices and Returns for the lease area submitted or not where fine applicable	Lessee has to submit online return and notices within timeline	lessee has started submitting monthly returns within stipulated timeline	Nil	No Violation
Remark: NIL Remark File: NIL					
6	Scrutiny of Annual return on sale value, Ex. Mine price & production cost	Sale value, production cost and ex-mine price to be shown correctly	annual return for the year 2024-25 is not submitted.	Nil	No Violation

Remark: Quartz & Feldspar Lessees are exempted from submitting annual return till the year 2024-25 as per ministry order dated 01-05-2025.
 Remark File: NIL

2.11 : SDF Details

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Start Ratings accorded for mine during last 3 years	Quartz and feldspar mine to start submitting star rating from the year 2025-26	None	Nil	No Violation

Remark: NIL
 Remark File: NIL

Part-III : Other Reports

3.1.1 : Upload Other Reports

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

Final Submitted

Part-IV : Summary Details

4.1 : Summary of Violations

S.N	Items for Reporting	As Per Approved Mining Plan	Actual	Deviation	Violation under Rule
1	Development - Opencast : Location of development w.r.t. lease area	in the year 2024-25 it is proposed to work between N200-300& E100-200 as per local grid starting from south-west corner of the lease	in the year 2024-25, work carried out between N200-400 &E100-200	1. Excavation done in the year 2024-25 is not as per approved mining plan. 2. Excavation is done on the 7.5m buffer Zone on the south side of the lease.	Rule 11(1)
Remark: it was planned to work in pit 1 of the mine in the year 2024-25 and in pit 2 in the year 2025-26 but excavation done from pit 1 & 2 in the year 2024-25 Remark File: NIL					
2	Exploitation - Opencast Mine : Whether height of benches in Overburden& mineral suitable for method of mining proposed in mining plan	height of the bench proposed is 6m and width is 3-6m	height of the bench observed in pit 1 & 2 is around 10-15m and excavation is done without formation of the benches.	Excavation done in the year 2024-25 has not followed approved mining plan.	Rule 11(1)
Remark: As benches have not been formed, overall slope angle is more than 75 degree which is not suitable for mining. Remark File: NIL					
3	OB / Waste Dumps details : Separate dumping of topsoil, OB & mineral rejects, fines, tailings (Rule 36,37)	Separate dumping of mineral rejects and OB is proposed.	OB is being dumped on the sides and sub grade mineral are being left on the bench.	1. OB & sub-grade minerals are not stored at designated place as per approved mining plan. 2. OB or Waste generated during excavation and sorting is not stored in separate dumps. 3. Sub-grade minerals/Mineral rejects is not stacked separately.	Rule 11(1) Rule 14(1) Rule 37(1)
Remark: Sub Grade identified as ferruginous quartz are not being stored at a designated place. Remark File: NIL					
4	Progressive Mine Closure Plan : Compliance on reclamation and rehabilitation by	in the year 2024-25, plantation is proposed as follows: No of plants: 51 Area: 255 m2	plantation is not done in the year 2024-25	proposed plantation in the year 2024-25 to be done on the 7.5m buffer zone is not done.	Rule 11(1)

	backfilling/Other means Total area and numbers of plantation proposed.				
Remark: NIL Remark File: NIL					
5	Environment : Water sprinkling on roads to control airborne dust	water sprinkling to be done on the haul road	water sprinkling is not visible on the haul road	water sprinkling to control airborne dust on the haul road is not being done	Rule 11(1)
Remark: NIL Remark File: NIL					
6	Plans and sections	The plans and sections required under MCDR shall be maintained up to date within three months for category A mines	Plans and sections are not up to date and not available at mine site.	Lessee has not maintained plans and sections as required under rule 31(4)	Rule 31(4)
Remark: NIL Remark File: NIL					
7	Mining Operations (Machinery and Plant)	where heavy earth moving machineries is used in mines, the holder of a mining lease shall maintain logbooks duly authenticated by the manager or mining engineer	Logbooks are not available at mine site	Lessee has not maintained logbooks of heavy earth moving machineries as required under rule 19(1)	Rule 19(1)
Remark: NIL Remark File: NIL					
8	Notices and Returns (Copies of notices and returns and reports to be maintained)	The holder of a mining lease shall maintain the labour attendance register, production and dispatch register, royalty assessment register, sub-grade or mineral reject stack register.	Registers are not available at the mine site	Lessee has not maintained any registers as required under rule 54	Rule 54
Remark: NIL Remark File: NIL					

Esigned by: Jitesh Gangawat
Date: 30/01/2026 03:31:45 PM