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MCDR INSPECTION REPORT

1.0 GENERAL

| SN | Particulars | Details |
|------|---|---|
| 1(a) | Name of the Mine | Kherali Limestone Mine (4.2593Ha) |
| 1(b) | Name of Inspecting officer & Designation | Naman Ekka, SMG |
| 1(c) | Accomp.official | Shri Puna Bhai, Lessee rep.& MM |
| 1(d) | Date & Type of Inspection | 19/09/2023, RMP |
| 2 | Total Lease Area (Ha) with breakup of Non-forest and forest land | 4.2593Hect. (Non-Forest) Survey No. 49 |
| 3 | Mine code | 38GUJ08281 |
| 4 | IBM Registration Number under rule 45 of MCDR, 1988 | IBM/545/2011 |
| 5 | Name of the lessee, Address, phone, email and fax number | Noor Mohamad Kalubhai Patni, C/o M/s Sorath Minerals Trading Company ,Bhalkan Road, Veraval, Gujarat 362265 |
| 6 | Village | Kherali |
| 7 | Taluka/Mandal | Veraval |
| 8 | District | Gir-Somnath |
| 9 | Pin code | 362265 |
| 10 | State | Gujarat |
| 11 | Post office | Veraval |
| 12 | Nearest police station | Veraval |
| 13 | Nearest Railway station | Veraval |
| 14 | Date of Grant of Mining Lease | 28.9.1987, MNL/1559(G-II)CHH-/Dated 08.6.1962 |
| 15 | Date of Execution | 29.8.1962 for 20years |
| 16 | Date of opening of Mine | 1964 |
| 17 | Date of first Renewal, if applicable and its period & expiry | First Renewal applied-21.9.2006 |
| 18 | Date of second Renewal, if applicable and its period & expiry | Not applicable |
| 19 | Date of submission of renewal application if Mining Operations are continuing under deemed extension | NA |
| 20 | Name of the Nominated Owner with Address, phone, email, fax & appointment | Noor Mohamad Kalubhai Patni, C/o M/s Sorath Minerals Trading Company ,Bhalkan Road, Veraval, Gujarat 362265 |
| 21 | Name of the Mine Agent with Address, phone, email, fax number and date of appointment | Noor Mohamad Kalubhai Patni, C/o M/s Sorath Minerals Trading Company ,Bhalkan Road, Veraval, Gujarat 362265 |
| 22 | Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines | NA-Not appointed & mine is under suspension (Rule-27) WEF 30.11.18. |
| 23 | Name of the Mining Engineer, Qualification and total Exp. with Address, phone, email, fax number and date of appointment in mine | NA- mine is under suspension WEF 30.11.18 & not revoked till. |
| 24 | Whether Geologist and Mining Engineer appointed in mines satisfy the rule 42 & carrying out their duties as per rule 43 & 44. | NA- mine is under suspension WEF 30.11.18 & not revoked till. |
| 25 | Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any. | Letter No. 682(23)/668/2009-MCCN (M) UDP Dated 18/8/2009 for 2009-10 to 2013-14 |
| 26 | Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any. | Letter No. 682(23)/668/2009-MCCN (M) UDP Dated 12.9.2016 for 2016-17 to 2018-19. Presently mine is under suspension wef 30.11.18 for non-compliance of violation of rule 27(1) & still not revoked. |
| 27 | Mineral(s) granted in ML proved for mining | Limestone |
| 28 | Method of Mining(Opencast, Underground) | Opencast. |
| 29 | Category (Fully Mechanised, Others or Manual) | A-Category |
| 30 | Captive/Non Captive | Non-Captive |

Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. -

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1.0 Exploration

| SN | Item | Proposals | Actual work | Remarks |
|----|--|---|---------------------|---------|
| 1a | Backlog of previous year | Lessee has been carried out 04 DTH boreholes & 02 trial pits in earlier plan Period. | | |
| 1b | Exploration over lease area for Geological axis 1 or 2. | No Proposal | No work Carried out | |
| 1c | Exploration Agency & Expenditure in lakh Rupees during the year | | | |
| 1d | Balance area to be explored to bring Geological axis in 1 or 2 | The area has not been fully explored. | | |
| 1e | Balance reserves as on 01.4.2019 | The reserves & resources available as per approved RMP as on 12.6.16 are 503731T (111&121) & remaining resources (877179T) | | |
| 1f | General remarks of inspecting officer on geology, exploration etc. | The lease area has not been fully explored. Mines in NW and is under Suspension from 2018 onwards. RMP for the Year 2022-23 also has not been approved. | | |

2.0 Development

| SN | Item | Proposals | Actual work | Remarks |
|----|---|--|---------------------|---|
| 2a | Location of development w.r.t. lease area | No approved proposal for 2022-23 | No work carried out | Mines is under Suspension and still not revoked. Process of obtaining EC is under process |
| 2b | Separate benches in topsoil, overburden and mineral (Rule 15) | No approved proposal for 2022-23 | No work carried out | |
| 2c | Stripping ratio or ore to OB ratio | No approved proposal for 2022-23 | No work carried out | |
| 2d | Quantity of topsoil generation (m3) | No approved proposal for 2022-23 | No work carried out | |
| 2e | Quantity of OB generation (m3) | No approved proposal for 2022-23 | No work carried out | |
| 2f | General remarks of inspecting officer on development of pit w.r.t. type of deposit etc. | The lease area is developed by mine working pit. During present inspection, boundary pillars of lease area are not available/erected and maintained as per statutes. | | |

3.0 Exploitation

| SN | Item | Proposals | Actual work | Remarks |
|----|---|------------------------------------|---------------------|---|
| 3a | Number of pits proposed for production | No approved proposal for 2022-23 | No work carried out | Mines is under Suspension and still not revoked. Process of obtaining EC is under process |
| 3b | Quantity of ROM mineral production proposed | No approved proposal for 2022-23 | No work carried out | |
| 3c | Recovery of salable/usable mineral from ROM production | No approved proposal for 2022-23 | No work carried out | |
| 3d | Quantity of mineral reject generation | No approved proposal for 2022-23 | No work carried out | |
| 3e | Grade of mineral reject generation and threshold value declared | No approved proposal for 2022-23 | No work carried out | |
| 3f | Quantity of sub-grade mineral generation | No approved proposal for 2022-23 | No work carried out | Mines is under Suspension and still not revoked. Process of obtaining EC is under process |
| 3g | Grade of sub-grade mineral generation | No approved proposal for 2022-23 | | |
| 3h | Manual / Mechanised method adopted for segregating from ROM | No approved / proposal for 2022-23 | No work carried out | |
| 3i | Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject | No approved proposal for 2022-23 | No work carried out | NIL |
| 3j | Provision of drilling & blasting in mineral benches | No approved proposal for 2022-23 | No work carried out | Presently mine is suspended by this office wef 30.11.18 & still |
| 3k | Provision of mining m/c in mineral benches | No approved proposal for 2022-23 | | |

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| | | | | not revoked. |
| 3l | Whether height of benches in OB and mineral suitable for method of mining proposed in MP/SOM | No approved proposal for 2022-23 | No work carried out | |
| 3m | Total area covered under excavation/pits | No approved proposal for 2022-23 | No work carried out | |
| 3n | Ore to OB ratio for the pit/mine during the year | No approved proposal for 2022-23 | No work carried out | |
| 3o | Total area put in use under different heads at the end of year | No approved proposal for 2022-23 | About 3.25Ha Road-0.02Ha | Presently mine is suspended by this office wef 30.11.18 & still not revoked. Process of obtaining EC is under process |
| 3p | Production of ROM mineral during last five-year period, as applicable | Yr-2018-19- 250014T Yr-2019-20- NA Yr 2020-21-NA Yr-2021-22-NA Yr-2022-23-NA | Yr-2018-19 -98500T Yr-2019-20- 0T Yr 2020-21-0 Yr-2021-22-0 Yr-2022-23-0 | |
| 3q | General remarks of inspecting officer on method of mining etc. | Presently mine is not working due to suspension of mining operations. However the method of mining is mechanised opencast with shovel/tipper combination & drilling/blasting. Process of obtaining EC is under process | | |

4.0 Solid Waste Management-Dumping

| SN | Item | Proposals | Actual work | Remarks |
|----|---|--|---------------------|---|
| 4a | Separate dumping of topsoil, OB & mineral reject | No approved proposal for 2022-23 | No work carried out | Presently mine is suspended by this office wef 30.11.18 & still not revoked. Process of obtaining EC is under process |
| 4b | Location of topsoil, OB & mineral reject dumps | | | |
| 4c | Number of dumps within lease area and outside lease area | | | |
| 4d | Location of dumps w.r.t. ultimate pit limit | | | |
| 4e | Number of active & alive dumps | | | |
| 4f | Number of dead dumps | | | |
| 4g | Number of dumps stabilised | | | |
| 4h | Whether Retaining wall or garland drain all along dumps are there | | | |
| 4i | Length of Retaining wall or garland drain all along dump | | | |
| 4j | Number of settling ponds | | | |
| 4k | Specific comments of inspecting officer | Presently mine is not working due to suspension of mining operations. However the method of mining is mechanised opencast with shovel/tipper | | |

5.0 Solid Waste Management-Backfilling

| SN | Item | Proposals. | Actual work | Remarks |
|----|--|---|---------------------|---|
| 5a | Status on part or full extraction of mineral from mined out area before starting backfilling | No approved proposal for 2022-23 | No work carried out | Presently mine is suspended by this office wef 30.11.18 & still not revoked. Process of obtaining EC is under process |
| 5b | Area under backfilling of mined out area | | | |
| 5c | Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 32) | | | |
| 5d | Total area fully reclaimed & rehabilitated | | | |
| 5e | General remarks of inspecting officer on backfilling, reclamation etc | Presently mine is suspended by this office wef 30.11.18 & still not revoked. Process of obtaining EC is under process | | |

6.0 Progressive Mine Closure Plan

| SN | Item | Proposals | Actual work | Remarks |
|----|---|----------------------------------|---------------------|--|
| 6a | Whether Annual report on PMCP submitted on time and correctly | No approved proposal for 2022-23 | No work carried out | Presently mine is suspended by this office wef 30.11.18 & still not revoked. |
| 6b | Management of worked/mined out benches i) Area available for rehabilitation (ha) ii) Afforestation done (ha) iii) No. of saplings planted during the year iv) Cumulative no. of plants v) Any other specific method of rehabilitation vi) Cost incurred on watch & care during the year | | | |

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|----|--|---|--|--|
| 6c | Compliance on reclamation and rehabilitation by backfilling i) Voids available for backfilling (L X B X D) ii) Void filled by waste/tailings iii) Afforestation on the backfilled area iv) Rehabilitation by making water reservoir v) Any other specific etc. | | | |
| 6d | Compliance of Rehabilitation of waste land within lease i) Afforestation ii) Area rehabilitated (ha) iii) Method of rehabilitation | | | |
| 6e | Compliance of Environmental monitoring (core zone & buffer zone) | | | |
| 6f | General remarks of inspecting officer on PMCP compliance & progressive mine closure. | Presently mine is suspended by this office wef 30.11.18 & still not revoked. Process of obtaining EC is under process | | |

7.0 Mineral Conservation

| SN | Item | Proposals | Actual work | Remarks |
|----|--|---|---------------------|---|
| 7a | ROM Mineral dispatch or grade-wise sorting within lease area | No approved proposal for 2022-23 | No work carried out | Mine is not working due to suspension wef 30.11.18 & still not revoked. |
| 7b | Method of grade-wise mineral sorting i.e. manual or mechanical | No approved proposal for 2022-23 | No work carried out | |
| 7c | Different grade of mineral sorted out at mines | No approved proposal for 2022-23 | No work carried out | |
| 7d | Any beneficiation process at mines | No approved proposal for 2022-23 | No work carried out | |
| 7e | General remarks of inspecting officer on Mineral conservation & beneficiation issues | Presently mine is suspended by this office wef 30.11.18 & still not revoked. Process of obtaining EC is under process | | |

8.0 Environment

| SN | Item | Proposals | Actual work | Remarks |
|----|--|---|---------------------|---|
| 8a | Separate removal and utilization of topsoil (Rule 32) | No approved proposal for 2022-23 | No work carried out | Mine is not working from last five years due to want of EC & further suspension order issued by the office. |
| 8b | Concurrent use or storage of topsoil | No approved proposal for 2022-23 | No work carried out | |
| 8c | Separate dumps for overburden, waste rock, rejects and fines (Rule 33) | No approved proposal for 2022-23 | No work carried out | |
| 8d | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use | No approved proposal for 2022-23 | No work carried out | |
| 8e | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc.) | No approved proposal for 2022-23 | No work carried out | |
| 8f | Baseline information on existence of plantation & additional plantation done | No approved proposal for 2022-23 | No work carried out | |
| 8g | Survival rate | No approved proposal for 2022-23 | No work carried out | |
| 8h | Water sprinkling on roads to control airborne dust | No approved proposal for 2022-23 | No work carried out | |
| 8i | General remarks of inspecting officer on aesthetic beauty in and around mines. | Mine was not working during inspection. The aesthetic beauty of area in & around mines are degraded mine pit/land of irregular bench height & width due to mining activities etc. | | |

9.0 Compliance of Rule 45

| S.N | Item | COMMENTS | Remarks | |
|-----|---|--|--|---------------------------------------|
| | Status of submission of Online Monthly and Annual returns | AR and MR submitted on time. | | |
| S.N | Item | Details given in AR. | Observations | Remarks |
| 9b | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager | Geologist in charge – C.Lal Mining Engineer - NIL | ME and Geoogist not present during inspection. | Mines is suspended from 2018 onwards. |
| 9c | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | Covered under current (O-C) Workings -3.194 | Seems correct | |
| 9d | Scrutiny of Annual return on forestation | Not Mentioned | | |
| 9e | Scrutiny of Annual return on mineral reject generation (Grade & quantity) | Mineral reject-NIL | | |
| 9f | Scrutiny of Annual return on ROM stock and/or graded ore | NIL | | |

| | | | |
|----|---|-------------------------|--------------------------------------|
| 9g | Scrutiny of Annual return on sale value, Ex. Mine price & production cost | NIL | MCDR-MiFLOLST/94/2022-GNR-IBM RO GNR |
| 9i | Scrutiny of Annual return on fixed assets | Fixed Assets – 104000/- | Seems correct |
| 9k | Scrutiny of Annual return on mining machineries | DUMPER. | Seems correct |

Details of violations observed during current inspection and compliance position of earlier violation pointed out:- Mine was suspended by this office on 30.11.18 & still not revoked for non-compliance of violation of rules During present inspection, mine was not working and violation of provision of rules 11(1), 11(4), 12(4), 27(1), 45(7), pointed out.

Naman Ekka
SMG
