

**MCDR INSPECTION REPORT****1.0 GENERAL**

| S.No | Particulars  | Details   |
|------|--|---|
| 1    | Name of the Mine   | मोरासा वावडी चूनापत्थर खान  |
| 1(a) | Name of Inspecting Officer & Designation   | मनीष गुप्ता, सहायक खान नियंत्रक   |
| 1(c) | Accompanying Mines Representatives   | श्री एच.सी.श्रीवास्तव, भू- वैज्ञानिक  |
| 1(d) | Type of Inspection   | स्टार रेटिंग  |
| 1(e) | Date of Inspection   | 07.08.2023  |
| 2    | Total Lease Area (Ha) with breakup of Non-forest and forest land                                     | 93.1407 हे. (Non Forest)  |
| 3    | Mine Code  | 38GUJ08345  |
| 4    | IBM Registration Number under rule 45 of MCDR, 1988  | IBM/304/2011  |
| 5    | Name of the lessee, Address, phone, email and fax number   | गुजरात सिद्धी सीमेंट लि.<br>सिद्धीग्राम, वेरावल-कोडीनार राजमार्ग<br>तालुका- सूत्रापाडा, प्रसन्नवाडा, गिर सोमनाथ (गुजरात) 362 275<br>Phone : 02876-268206/268240, Fax number : 02876-268540<br>email – dinesh.randad@mehtagroup.com  |
| 6    | Village  | मोरासा, वावडी   |
| 7    | Taluka/Mandal  | सूत्रापाडा  |
| 8    | District   | गिर सोमनाथ  |
| 9    | Pincode  | 362 275   |
| 10   | State  | गुजरात  |
| 11   | Post office  | प्रसन्नवाडा   |
| 12   | Nearest police station   | सूत्रापाडा  |
| 13   | Nearest Railway station  | सोमनाथ  |
| 14   | Date of Grant of Mining Lease  | 05.12.1985  |
| 15   | Date of Execution  | 09.01.2015 से 08.01.2065 तक   |
| 16   | Date of opening of Mine  | 07.02.2017  |
| 17   | Date of first Renewal, if applicable and its period & expiry   | --  |
| 18   | Date of second Renewal, if applicable and its period & expiry  | --  |
| 19   | Date of submission of renewal application if Mining Operations are continuing under deemed extension | --  |
| 20   | Name of the Nominated Owner with Address, phone, email, fax number and date of appointment           | श्री एम.एस.गिलोत्रा<br>एन.के.मेहता इंटरनेशनल हाउस, द्वितीय तल, 178 बंकवे रेक्लेमेसन<br>मुंबई- 400 020<br>Phone : 022-66365444, Fax number : 022-66365445<br>email – <a href="mailto:sidhee-mum@mehtagroup.com">sidhee-mum@mehtagroup.com</a><br>28.05.1999                              |
| 21   | Name of the Mine Agent with Address, phone, email, fax number and date of appointment                | श्री दिनेश जी. रांडद<br>सिद्धीग्राम, वेरावल-कोडीनार राजमार्ग<br>तालुका- सूत्रापाडा, प्रसन्नवाडा, गिर सोमनाथ (गुजरात) 362 275<br>Phone : 02876-268206, Fax number : 02876-286540<br>email – <a href="mailto:dinesh.randad@mehtagroup.com">dinesh.randad@mehtagroup.com</a><br>16.09.2015 |
| 22   | Name of the Mines Manager with Address, phone, email, fax number and date of appointment in mines    | श्री राजीव रंजन सिंह<br>सिद्धीग्राम, वेरावल-कोडीनार राजमार्ग<br>तालुका- सूत्रापाडा, प्रसन्नवाडा, गिर सोमनाथ (गुजरात) 362 275<br>Phone : 02876-268240, Fax number : 02876-286540<br>email – <a href="mailto:rajeev.ranjan.mehtagroup.com">rajeev.ranjan.mehtagroup.com</a><br>11.11.2013 |
| 23   | Name of the Mining Engineer, Qualification and   | श्री हेमेश कुमार जैन  |

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|    |   |   |
|----|---|---|
|    | total experience with Address, phone, email, fax number and date of appointment in mine   | सिद्धीग्राम, वेरावल-कोडीनार राजमार्ग<br>तालुका- सूत्रापाडा, प्रसन्नवाडा, गिर सोमनाथ (गुजरात) 362 275<br>Phone : 02876-264823, Fax number : 02876-6-286540<br>email – <a href="mailto:hk.jain.ranjan.mehtagroup.com">hk.jain.ranjan.mehtagroup.com</a><br>स्नातक (खनन अभियांत्रिकी), १८ वर्ष, 07.02.2017 |
| 24 | Whether Geologist and Mining Engineer appointed in mines satisfy the rule 55& carrying out their duties as per rule 56 & 57.            | हाँ   |
| 25 | Date of Approval of Mining Plan/Modified Mining Plan with five-year period and specific condition in approval letter, if any.           | 684(4)(1)/MP-254/2019-20MDRD(N)/GNR,<br>दिनांक 27.11.2019, 2020-21 से 2024-25   |
| 26 | Date of Approval of Scheme of Mining/Modified Scheme of Mining with five-year period and specific condition in approval letter, if any. | --  |
| 27 | Mineral(s) granted in lease and proved for mining   | चूनापत्थर   |
| 28 | Method of Mining(Open cast, Underground)  | Open cast   |
| 29 | Category (Fully Mechanised, Others or Manual)   | Fully mechanised  |
| 30 | Captive/Non Captive   | Captive   |

**Scientific Mining: Compliance of proposals of approved mining plan/scheme of mining. –****Exploration**

| SN | Item   | Proposals (2022-23)  | Actual work (2022-23)                               | Remarks            |
|----|--|--|---|--------------------|
| 1a | Backlog of previous year   | NIL  | NIL   |                    |
| 1b | Exploration over lease area for Geological axis 1 or 2.            | --   | G1- 46.0972 हे.<br>G2- 18.1533 हे<br>G3- 28.8902 हे |                    |
| 1c | Exploration Agency & Expenditure in lakh Rupees during the year    | NIL  | NIL   |                    |
| 1d | Balance area to be explored to bring Geological axis in 1 or 2     | NIL  | NIL   |                    |
| 1e | Balance reserves as on 01.04.2023                                  | 4768900 टन   | 4968900 टन  | उत्पादन कम हुआ है। |
| 1f | General remarks of inspecting officer on geology, exploration etc. | वर्ष 2022-23 के लिए कोई पूर्वक्षण प्रस्ताव नहीं है। पूर्व में 35 Borehole लगाए गए हैं। |   |                    |

**2.0 Development**

| SN | Item  | Proposals (2022-23)   | Actual (2022-23)     | Remarks  |
|----|---|---|----------------------|--|
| 2a | Location of development w.r.t. lease area   | Pit No -1A, 1B, 3, 4  | Pit No -1A, 1B, 3, 4 |  |
| 2b | Separate benches in topsoil, overburden and mineral (Rule 15)                           | NIL   | NIL                  | Not required as there is no OB. Top soil layer is thin and impersistent in lease area. |
| 2c | Stripping ratio or ore to OB ratio  | 1:0   | 1:0                  |  |
| 2d | Quantity of topsoil generation in m3  | NIL   | NIL                  |  |
| 2e | Quantity of overburden generation in m3   | NIL   | NIL                  |  |
| 2f | General remarks of inspecting officer on development of pit w.r.t. type of deposit etc. | वर्ष 2022-23 में Top soil generation, OB generation का प्रस्ताव नहीं है। खान पर Overburden नहीं है। |                      |  |

**3.0 Exploitation**

| SN | Item | Proposals (2022-23) | Actual work (2022-23) | Remarks |
|----|------|---------------------|-----------------------|---------|
|----|------|---------------------|-----------------------|---------|

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|    |  |   |   |                               |
|----|--|---|---|-------------------------------|
| 3a | Number of pits proposed for production   | 04  | 04  |                               |
| 3b | Quantity of ROM mineral production proposed  | 1000000 टन  | 223875.301 टन   |                               |
| 3c | Recovery of saleable/usable mineral from ROM production  | 100%  | 100%  |                               |
| 3d | Quantity of mineral reject generation  | NIL   | NIL   |                               |
| 3e | Grade of mineral reject generation and threshold value declared                                      | NIL   | NIL   |                               |
| 3f | Quantity of sub-grade mineral generation   | NIL   | NIL   |                               |
| 3g | Grade of sub-grade mineral generation  | NIL   | NIL   |                               |
| 3h | Manual / Mechanised method adopted for segregating from ROM  | NIL   | NIL   |                               |
| 3i | Any analysis or beneficiation study proposed & carried out for sub-grade mineral and reject          | NIL   | NIL   |                               |
| 3j | Provision of drilling & blasting in mineral benches  | NIL   | NIL   |                               |
| 3k | Provision of mining machineries in mineral benches   | Surface miner with combination of Loader and dumper   | Surface miner with combination of Loader and dumper   |                               |
| 3l | Whether height of benches in overburden and mineral suitable for method of mining proposed in MP/SOM | 6.0 मी.   | 6.0 मी.   |                               |
| 3m | Total area covered under excavation/pits   | 39.4704 हे.   | 24.2857 हे.   |                               |
| 3n | Ore to OB ratio for the pit/mine during the year   | 1:0   | 1:0   | पट्टा क्षेत्र में OB नहीं है। |
| 3o | Total area put in use under different heads at the end of year                                       | Pit- 39.4704 हे.<br>Road/building- 1.5702 हे.   | Pit- 24.2857 हे.<br>Road/building- 1.5702 हे.   |                               |
| 3p | Production of ROM mineral during last five-year period, as applicable                                | 2018-19: 1000000 टन<br>2019-20: 1000000 टन<br>2020-21: 1000000 टन<br>2021-22: 1000000 टन<br>2022-23: 1000000 टन | 2018-19: 265018.08 टन<br>2019-20: 577341.56 टन<br>2020-21: 710254.30 टन<br>2021-22: 638937.06 टन<br>2022-23: 223875.30 टन |                               |
| 3q | General remarks of inspecting officer on method of mining etc.                                       | अतिक्रमण के कारण खनन के लिए जगह न मिल पाने तथा क्वालिटी की समस्या के कारण उत्पादन कम हुआ है।                    |   |                               |

#### 4.0 Solid Waste Management-Dumping

| SN | Item  | Proposals (2022-23)                                 | Actual work (2022-23) | Remarks |
|----|---|---|-----------------------|---------|
| 4a | Separate dumping of topsoil, OB & mineral reject (Rule 36, 37)    | NIL   | NIL                   |         |
| 4b | Location of topsoil, OB & mineral reject dumps                    | NIL   | NIL                   |         |
| 4c | Number of dumps within lease area and outside lease area          | NIL   | NIL                   |         |
| 4d | Location of dumps w.r.t. ultimate pit limit (Rule 14)             | NIL   | NIL                   |         |
| 4e | Number of active & alive dumps                                    | NIL   | NIL                   |         |
| 4f | Number of dead dumps  | NIL   | NIL                   |         |
| 4g | Number of dumps stabilised  | NIL   | NIL                   |         |
| 4h | Whether Retaining wall or garland drain all along dumps are there | NIL   | NIL                   |         |
| 4i | Length of Retaining wall or garland drain all along dump          | NIL   | NIL                   |         |
| 4j | Number of settling ponds  | NIL   | NIL                   |         |
| 4k | Specific comments of inspecting officer                           | पट्टा क्षेत्र में OB, dump ,mineral reject नहीं है। |                       |         |

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**5.0 Solid Waste Management-Backfilling**

| SN | Item   | Proposals (2022-23)                                | Actual work (2022-23) | Remarks |
|----|--|--|-----------------------|---------|
| 5a | Status on part or full extraction of mineral from mined out area before starting backfilling | NIL  | NIL                   |         |
| 5b | Area under backfilling of mined out area   | NIL  | NIL                   |         |
| 5c | Concurrent use of topsoil for restoration or rehabilitation of mined out area (Rule 36)      | NIL  | NIL                   |         |
| 5d | Total area fully reclaimed & rehabilitated   | NIL  | NIL                   |         |
| 5e | General remarks of inspecting officer on backfilling, reclamation etc                        | खान पर Backfilling के लिए Material उपलब्ध नहीं है। |                       |         |

**6.0 Progressive Mine Closure Plan**

| SN | Item  | Proposals (2022-23)  | Actual work (2022-23)                                    | Remarks |
|----|---|--|--|---------|
| 6a | Whether Annual report on PMCP submitted on time and correctly - Rule 26(2)  | As per rule  | Submitted on 12.05.2023                                  |         |
| 6b | Management of worked/mined out benches<br>i) Area available for rehabilitation (ha)<br>ii) Afforestation done (ha)<br>iii) No. of saplings planted during the year<br>iv) Cumulative no. of plants<br>v) Any other specific method of rehabilitation<br>vi) Cost incurred on watch & care during the year | 0.5 हे.<br>500<br>3000<br>25000.00<br>1153 मी. (फेंसिंग)                                 | 0.52 हे.<br>600<br>3287<br>25000.00<br>542 मी. (फेंसिंग) |         |
| 6c | Compliance on reclamation and rehabilitation by backfilling<br>i) Voids available for backfilling (L X B X D)<br>ii) Void filled by waste/tailings<br>iii) Afforestation on the backfilled area<br>iv) Rehabilitation by making water reservoir<br>v) Any other specific means                            | NIL  | NIL  |         |
| 6d | Compliance of Rehabilitation of waste land within lease<br>i) Afforestation<br>ii) Area rehabilitated (ha)<br>iii) Method of rehabilitation   | NIL  | NIL  |         |
| 6e | Compliance of Environmental monitoring (core zone & buffer zone)  | Environment monitoring of air, water & noise   | Regular monitoring has been carried out.                 |         |
| 6f | General remarks of inspecting officer on PMCP compliance & progressive  | Fencing का निर्धारित लक्ष्य प्राप्त नहीं करने के कारण नियम 11(1) का उल्लंघन भेजा गया है। |  |         |

**7.0 Mineral Conservation**

| SN | Item   | Proposals (2022-23) | Actual (2022-23) | Remarks |
|----|--|---------------------|------------------|---------|
| 7a | ROM Mineral dispatch or grade-wise sorting within lease area   | ROM dispatch        | ROM dispatch     |         |
| 7b | Method of grade-wise mineral sorting i.e. manual or mechanical | NIL                 | NIL              |         |
| 7c | Different grade of mineral sorted out at mines                 | NIL                 | N.A              |         |
| 7d | Any beneficiation process at mines                             | NIL                 | N.A              |         |

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|    |  |   |
|----|--|---|
| 7e | General remarks of inspecting officer on Mineral conservation & beneficiation issues | ROM स्वयं के संयंत्र में सीमेंट उत्पादन के लिए काम लिया गया है। |
|----|--|---|

**8.0 Environment**

| SN | Item  | Proposals (2022-23)   | Actual work (2022-23) | Remarks   |
|----|---|---|-----------------------|---|
| 8a | Separate removal and utilization of topsoil (Rule 36)   | NIL   | NIL                   |   |
| 8b | Concurrent use or storage of topsoil  | NIL   | NIL                   | वर्ष 2022-23 में top soil का प्रस्ताव नहीं है। पूर्व में उत्पन्न top soil पौधरोपण के काम में ली गयी है। |
| 8c | Separate dumps for overburden, waste rock, rejects and fines (Rule 37)                                      | NIL   | NIL                   | There is no dump in the area.   |
| 8d | Use of overburden, waste rock, rejects and fines dumps for restoring the land to its original use           | NIL   | NIL                   |   |
| 8e | Phased restoration, reclamation and rehabilitation of lands affected by mining operations (Pits, dumps etc) | NIL   | NIL                   |   |
| 8f | Baseline information on existence of plantation & additional plantation done (Rule 44)                      | 3000  | 3287                  |   |
| 8g | Survival rate   | NIL   | 70%                   |   |
| 8h | Water sprinkling on roads to control airborne dust  | Yes   | Yes                   |   |
| 8i | General remarks of inspecting officer on aesthetic beauty in and around mines are                           | Very thin layer of Top soil occurred. The aesthetic environment of lease area is good. Around mine area agriculture is being practiced. |                       |   |

**9.0 Compliance of Rule 45**

| S. N | Item   | COMMENTS  | Remarks |
|------|--|---|---------|
|      | Status of submission of Monthly and Annual returns | M.R. Submitted up to- जुलाई, 2023 का 05.08.2023 को<br>A.R. submitted for the year 2022-23 on 12.05.2023 |         |

| S. N. | Item  | Details GIVEN in A.R.  | Observation of I/Officer   | Remarks |
|-------|---|--|--|---------|
| 9b    | Scrutiny of Annual return for information on Mining Engineer, Geologist and Manager           | श्री हेमन्द्र कुमार जैन, खनन अभियंता<br>श्री एच.सी. श्रीवास्तव, भू-वैज्ञानिक | श्री हेमन्द्र कुमार जैन, खनन अभियंता<br>श्री एच.सी. श्रीवास्तव, भू-वैज्ञानिक |         |
| 9c    | Scrutiny of Annual return on land use pattern for area under pits, reclaimed area, dumps etc. | Pit- 24.286 हे.  | Pit- 24.286 हे.  |         |
| 9d    | Scrutiny of Annual return on afforestation  | 600  | 600  |         |
| 9e    | Scrutiny of Annual return on mineral reject generation (Grade & quantity)                     | NIL  | NIL  |         |
| 9f    | Scrutiny of Annual return on ROM stock and/or graded ore                                      | NIL  | NIL  |         |
| 9g    | Scrutiny of Annual return on sale value, Ex. Mine price & production cost                     | 0.0  | Consumed in own plant  |         |
| 9i    | Scrutiny of Annual return on fixed assets   | 6095349614.00  | 6095349614.00  |         |

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|    |   |                                     |                                     |  |
|----|---|-------------------------------------|-------------------------------------|--|
| 9k | Scrutiny of Annual return on mining machineries | Surface miner, Wheel loader, tipper | Surface miner, Wheel loader, tipper |  |
|----|---|-------------------------------------|-------------------------------------|--|

**10- Details of violations observed during current inspection and compliance position of earlier violation pointed out:-**

पिछले निरीक्षण दिनांक 01.08.2022 में कोई उल्लंघन नहीं पाया गया था। वर्तमान निरीक्षण तारक मूल्यांकन के लिए किया गया, दिनांक 11.10.2023 को मूल्यांकन कर दिया गया है। जांच के पश्चात खान 4 स्टार रही है। वर्तमान निरीक्षण में नियम संख्या 11(1), 34 ए(1) read with 34(5) का उल्लंघन पाए जाने पर दिनांक 06.11.2023 को उल्लंघन पत्र जारी किया गया था। दिनांक 05.02.2024 को उल्लंघनों की अनुपालना हो गयी है।

गांधीनगर  
दिनांक

( मनीष गुप्ता )  
सहायक खान नियंत्रक