

GRANITE CONSERVATION AND DEVELOPMENT RULES, 1999

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3. GAZETTE OF : EXTRAORDINARY CI•APTER 1 PRELIMINARY [PART 11 —SEC. the These rules Inay be called Short title and commencement.- (l) Granite Conservation and Development Rules, 1999. (2) They shall come into force from the date of their publication in the Official Gazette, Appliction.- These rules shall apply to prospecting and quarrying of granite. Definitions.- (l) In these rules, unless the context otherwise requires, - (a) (b) (c) (d) (e) (g) (h) "Act" means the Mines and Minerals (Regulation and Development) Act, 1957 (67 of 1957); 'agent" when used in relation to a quarry, means any person whether appointed as such or not, who acts as the representative of the owner i respect of the management of the quarry or any part thereof; "development" means removing overburden or unproductive or waste materials as preparatory to mining; "drilling" means the penetration of alluvial

material, rocks or formations by holes for obtaining geological information and for drawing samples therefrom, "environment" and "environmental pollution" shall have the same meanings assigned respectively to these terms in the Environment (Protection) Act, 1986 (29 of 1986); "Form" means a Form set forth in Schedule to these rules; "geologist" means a person appointed in writing by the prospecting licensee, owner or agent to perform the duties of a geologist under these rules; "granite" means dolerites, granite gneisses, migmatites, gabbros, anorthosites, rhyolites, syenites, leptynites, charnockites and any other igneous and ortho-metamorphic rock types which are - amenable to be recovered as dimensional stone; capable of taking polish; commercially exploitable. 3(i) (k) (m) (n) (o) (p) (q) 37 "lease" means a lease granted for the purpose of undertaking mining or quarrying operations for granite; "manager" when used in relation to a mine or a quarry, means any person appointed by the owner or agent and includes the owner or the agent if he appoints himself to be such manager, under section 17 of the Mines Act, 1952 (35 of 1952); "mining engineer" means a person appointed in writing by the owner or agent to perform the duties of a mining engineer under these rules; "prospect" means an area where existence of granite has been established. means a licence granted for the purpose of 'prospecting licence' undertaking any operation. for the purpose of exploring, locating or proving granite deposits; "quarry" means an opencast working as defined in Mines Act, 1952 (35 of 1952); 'recognised person' means a qualified person granted recognition by the competent authority under these rules to prepare mining plan; "sheet rock" means massive granite bodies but does not include boulders; "year" means the twelve months period beginning from the first day of April and ending on the thirty first day of March of the following year, (2) All other words and expressions used in these rules but not defined shall have the meanings respectively assigned to them in the Act. 38 GAZETTE OF INDIA : EXTRAORDINARY CHAPTER 11 PROSPECTING AND MINING OF GRANITE [PART 11--sec. 30] Prospecting to precede mining Operations.- No lease shall be granted by the State Government unless it is satisfied that there is evidence to show that the area for which the lease is applied for has been prospected earlier for granite or the existence of granite therein has been established otherwise. Period for which prospecting licence may be granted or renewed.- The period for which prospecting licence may be granted shall not exceed two years. Period for which leases may be granted or renewed.- (1) The maximum period for which lease may be granted shall not exceed thirty years. Provided that the minimum period for which any such lease may be granted shall not be less than twenty years. (2) A lease may be renewed for a period not exceeding twenty years. (3) Notwithstanding anything contained in sub-rule (2), if the State Government is of the opinion that in the interest of development of granite it is necessary to do so, it may, for reasons to be recorded, authorise the renewal of a lease for a further period or periods not exceeding twenty years in each case

7. Minimum and maximum area for grant of a mining lease.- (1) The minimum area that may be granted or renewed under a lease for ensuring mining activities to optimum depth shall not be less than one hectare, (2) The maximum area that may be granted under a mining lease shall not exceed fifty hectares. Provided that the State Government, if it is satisfied on the basis of proposed production level, geological or topographical conditions, may for the reasons to be recorded in writing, grant or renew a lease over an area more than the maximum area or less than the minimum area specified under this rule. [3(i)] 39 CHAPTER 11 PROSPECTING OPERATIONS Scheme of prospecting.- (1) Every holder of a prospecting licence for granite 8. shall submit to the State Government or any person authorised in this behalf by that Government within a period of sixty days from the date of execution of the prospecting licence, a scheme of prospecting indicating the manner in which he proposes to carry out the prospecting operation, in the area covered by the licence and the scheme shall incorporate the following; namely (a) (b) (c) (d) (f) (2) particulars of the area; the scale of the plan and the area of geological mapping; the number of pits, trenches, and bore holes which he proposes to put in the area and the locations thereof; the particulars of the machines to be used; the details of exploratory mining to be undertaken; the number of samples proposed to be drawn and tested, baseline information of prevailing environmental conditions before the beginning of the prospecting operations; any other matter relevant for the preparation of a scheme of prospecting, as directed by the State Government or any person so authorised from time to time by a general or specific order. The prospecting scheme under sub-rule (1) shall be prepared by a recognised person or geologist or a mining engineer employed under clause (a) of sub-rule (1) of rule 38. Modification of scheme of prospecting.- (1) 9. A prospecting scheme prepared and submitted under rule 8 may be modified at any time on geological considerations by the holder of a prospecting licence during

continuance of the prospecting licence. 40 THE GAZETTE OF INDIA : EXTRAORDINARY [PART IPSEC. (2) Any modification carried out under sub-rule (1) shall be intimated to the State Government or any person authorised in this behalf by that Government, by the holder of a prospecting licence within a period of fifteen days. Prospecting operations to be carried out in accordance with scheme of 10. prospecting.- Every holder of a prospecting licence for granite shall carry out the prospecting operations in accordance with the scheme of prospecting submitted under rule 8 or with such modifications, if any, as intimated under rule 9 or as directed by the State Government or any person authorised by that Government in this behalf

11. Report of prospecting operations.- (1) Every holder of a prospecting licence for granite shall submit to the State Government or any person authorised in this behalf by that Government and the Controller General, Indian Bureau of Mines an annual report in Form A so as to reach them by 30th April for the previous year; Provided that a report in Form-A shall be submitted within a period of three months after the completion of abandonment of the prospecting operations or the expiry of the prospecting licence, whichever is earlier. (2) Where prospecting operations for granite are carried out by any authority specified in the second proviso to sub-section (1) of section 4 of the Act without a prospecting licence, such authority shall submit the annual report in Form A to the State Government or any person authorised by that Government and the Controller General, Indian Bureau of Mines in respect of each area where prospecting operations for granite have been undertaken by them. Provided that this sub-rule shall not apply in a case where field operations consist of only geological mapping or geo-physical or geo-chemical investigations. 41 CHAPTER IV MINING PLAN 12. Mining Plan RS R pre-requisite to the grant of lease.- No lease shall be granted or renewed by the State Government unless there is a mining plan duly approved by the State Government or any person authorised in this behalf by that Government for the development of the granite deposit in the area concerned

13. Mining plan to be prepared by a recognised person.- (1) No mining plan shall be approved unless it is prepared by a qualified person recognised in this behalf by the State Government or any person authorised by that Government or by a recognised person under rule 22B of the Mineral Concession Rules, 1960. (2) No person shall be granted recognition for the purposes of sub-rule (1) by the State Government or any person authorised by that Government unless he holds - a degree in mining engineering or a postgraduate degree in geology granted by a university established or incorporated by or under an Act of Parliament or any institution recognised by the University Grants Commission established under section 4 of the University Grants Commission Act, 1956 (3 of 1956) or any qualification equivalent thereto; and professional experience of five years of working in a supervisory capacity in the field of mining or mineral administration after obtaining a degree or qualification required under clause (i)

14. Grant of recognition by State Government.- (1) Any person possessing the qualifications and experience required under sub-rule (2) of rule 13 may apply for recognition to the competent authority designated by the State Government for this purpose. (2) The competent authority after making such enquiry as it deems fit, may grant or refuse to grant recognition and where recognition is refused, the competent authority shall record reasons in writing and communicate the same to the applicant. (3) A recognition shall be granted for an initial period of ten years and may be renewed for further periods not exceeding ten years at a time: Provided that the competent authority may refuse to renew recognition for reasons to be recorded in writing after giving an opportunity of hearing to the person concerned. 42 IS. THE GAZETTE OF INDIA : EXTRAORDINARY •[PART 11—sgc. Approval and submission of mining plan.- On receipt of the application for grant of mining lease for undertaking mining operations for granite, the State Government shall take decision to grant precise area for the said purpose and communicate such decision to the applicant and on receipt of the communication from the State Government of the precise area to be granted, the applicant shall submit a mining plan within a period of three months from the date on which such communication is received or such other period as may be allowed by the State Government for approval and the said mining plan shall incorporate - the plan of the precise area showing the nature and extent of the granite body; spot or spots where the excavation is to be done in the first year and its extent; a detailed cross-section and detailed plan of spot of excavation based on the prospecting data gathered by the applicant; a tentative scheme of mining for the first five years of the lease, details of the geology and lithology of the precise area including granite reserves of the area; the extent of manual mining or mining by the use of machinery and mechanical devices on the precise area;

the plan of the precise area showing natural water courses, limits of reserved and other forest areas and density of trees, if any, assessment of impact of mining activity on forest, land surface and environment including air and water pollution; details of scheme for restoration of the area by afforestation, land reclamation, use of pollution control devices and of such other measures as may be directed by the Central or the State Government from time to time; (v) annual programme and plan for excavation on the precise area from year to year for five years; any other matter which the State Government or any person so authorised may require the applicant to provide in the mining plan. 3(i)] 43 CHAPTER V MINING OPERATIONS 16, Mining plan as a pre-requisite to the commencement of mining operations.- (1) No person shall commence mining operations for granite in any area except in accordance with a mining plan approved under these rules; (2) The State Government or any person authorised in this behalf by that Government may require the holder of a lease to make such modifications in the mining plan referred to in sub-rule (1) or impose such conditions as it considers necessary by an order in writing if such modifications or imposition of conditions are considered necessary in the light of the experience of operation of mining plan or in view of the change in the technological development. (3) A holder of a lease desirous of seeking modifications in the approved mining plan as are considered expedient, in the interest of safe and scientific mining, conservation of granite, or for the protection of environment, shall apply to the State Government or any person authorised in this behalf by that Government, setting forth the intended modifications and explaining the reasons for the same. (4) The State Government or any person authorised in this behalf by that Government may approve the modifications under sub-rule (3) or approve with such alterations as it may consider expedient

17. Mining plan to be submitted by the existing lessee.- (1) Where mining operations for granite have been undertaken before the commencement of these rules without an approved mining plan, the holder of such lease shall submit mining plan within a period of one year from the date of commencement of these rules, to the State Government or any person authorised in this behalf by that Government for its approval. (2) If a holder of a lease has not been able to submit the mining plan within the specified time for reasons beyond his control, he may apply for extension of time giving reasons to the State Government or any person authorised in this behalf by that Government. (3) The State Government or any person authorised in this behalf by that Government on receiving an application made under sub-rule (2) may, on being satisfied, extend the period for submission of the mining plan for a period which may not exceed one year. (4) The State Government or any person authorised in this behalf by that Government may approve the mining plan submitted by the lessee under sub-rule (1), or may require modifications to be carried out in the mining plan and the lessee shall carry out such modifications and resubmit the modified mining plan for approval of the State Government or the person so authorised, as the case may be. (5) The State Government or any person authorised in this behalf by that Government shall, within a period of ninety days from the date of receipt of the mining plan or the modified plan, convey its or his approval or disapproval to the applicant and in case of disapproval it or he shall also convey the reasons for disapproving the said mining plan or the modified mining plan. If no decision is conveyed within the period stipulated under sub-rule (5). (6) the mining plan or the modified mining plan, as the case may be, shall be deemed to have been provisionally approved and such approval shall be subject to the final decision whenever communicated. (7) The mining plan submitted under sub-rule (1) shall be prepared by a recognised person

18. Review of mining plan.- (1) Every mining plan duly approved under these rules shall be valid for the entire duration of the lease. (2) The owner, agent, mining engineer or manager of every mine or quarry shall review the mining plan as prescribed under sub-rule (1) and submit a scheme of mining for the next five years of the lease to the State Government or any person authorised in this behalf by that Government for approval. (3) The scheme of mining shall be submitted to the State Government or any person authorised in this behalf by that Government at least one hundred twenty days before the expiry of the five years' period, for which it was approved on the last occasion. (4) The State Government or any person authorised in this behalf by that Government shall convey its or his approval or refusal to the scheme of mining within ninety days of the date of its receipt. (5) If approval or refusal of the scheme of mining is not conveyed to the holder of the lease within the stipulated period the scheme of mining shall be deemed to have been provisionally approved and such approval shall be subject to final decision whenever communicated. (6) The provisions of rule 13 shall apply to the scheme of mining in the same way as they

are applicable to the mining plan. (7) Every scheme of mining submitted under sub-rule (2) shall be prepared by a recognised person or a person employed under sub-rule (1) of rule 38

19. Mining operations to be in accordance with mining plan.- (1) Every holder of a lease shall carry out mining operations for granite in accordance with the approved 45 11—wS 3(i)] mining plan with such conditions as may have been prescribed under sub-rule (2) of rule 16 or with such modifications, if any, as permitted under sub-rule (4) or rule 16 or the mining plan or the scheme approved under rule 12 or 17 or 18 as the case may be. If the mining operations are not carried out in accordance with the mining (2) plan as referred to under sub-rule (1), the State Government or any person authorised in this behalf by that Government may order suspension of all or any of the mining operations and permit continuance of only such operations as may be necessary to restore the conditions in the quarry as envisaged under the said mining plan. Prospecting and Mining operations.- The prospecting and mining operations 20. shall be carried out in such a manner so as to ensure systematic development and conservation of granite deposits and protection of environment. System of working in granite quarries in sheet rock System of working.- (1) 21 • shall be performed by formation of benches. Such benches in granite and overburden including weathered granite shall (2) be formed separately and the benches in overburden or weathered granite shall be kept sufficiently in advance so that their working does not interfere with the working of granite. non-saleable granite Separate stacking of non-saleable granite.- (1) The 22. rejects at quarry bottom should regularly be collected and transported to the surface and the quarry floor kept reasonably clear of debris. Small granite blocks from such non-saleable granite suitable for possible (2) use in manufacture of bricks as well as flooring or wall tiles by small scale industries sector shall not be used as road metal or stone aggregate and such material shall be segregated from the dumps of granite rejects and stored separately for future use as far as possible, whenever such dumps are worked for recovery of stone aggregate or used as quarry backfill. (3) The ground selected for dumping of top soil, overburden, waste material or non-saleable granite shall be away from working quarry. (4) Before starting mining or quarrying operations, conceptual ultimate limits of the quarry shall be determined and dumping ground shall be so selected that dumping is not carried out within the limits of the ultimate size of the quarry except where simultaneous back filling is proposed

23. Notice for opening of a mine and intimation of existence of a mine.- The owner, agent, mining engineer or manager of every granite quarry shall send to the State Government or any person authorised in this behalf by that Government and to the Controller General, Indian Bureau of Mines an intimation in Form-B of the opening of a mine so as to reach them within fifteen days of such opening or of the existence of a mine 46 THE GAZETTE OF INDIA : EXTRAORDINARY [PART II SEC. at the time of the commencement of the rules within ninety days from such commencement as the case may be

24. Abandonment or surrender of qunrrics.- (1) The owner, agent, mining engineer, or manager of every granite quarry shall not abandon or surrender a granite quarry or a part of such quarry during the subsistence of the lease except with prior permission in writing of the State Government or any person authorised in this behalf by that Government. (2) Notice for abandonment or surrender of a granite quarry or a part thereof shall be given in



Form-C and shall be accompanied by plans and sections on a scale of not less than 1 cm—10 metres showing accurately the work done in such quarry upto the date of submission of the notice. (3) The State

Government or any person authorised in this behalf by that Government may by an order in writing prohibit abandonment or refuse surrender or allow the abandonment or surrender of a granite quarry or part thereof with such conditions as he may specify in the order. (4) Where an abandonment of a granite quarry or part thereof takes place as a result- of the occurrence of a natural calamity beyond the control of the owner, agent, mining engineer or manager of a such quarry, or the lease is terminated in compliance of any order or directions issued by any statutory authority established under any law for the time being in force or any tribunal or a court, an intimation shall be sent to the State Government or any person authorised in this behalf by that Government within a period of twenty-four hours of such abandonment or termination and the notice of abandonment as provided in sub* rule(2) shall be submitted to the State Government or any person in this behalf by that Government authorised within a period of fifteen days of such abandonment or termination



25. Notice of temporary discontinuance of work in quarries.- The owner, agent, mining engineer, or manager of every granite quarry shall send to the State Government or any person authorised in this behalf by that Government and to the Controller General, Indian Bureau of Mines, a notice in



Form-D when the work in such quarry is discontinued for a period exceeding sixty days so as to reach them within seventy five days from the date of such temporary discontinuance. Intimation of reopening of R quarry.- 26. The owner, agent, mining engineer or manager of every granite quarry shall send to the State Government or any person authorised in this behalf by that Government and to the Controller General, Indian Bureau of Mines an intimation in Form-E of reopening of such quarry after temporary discontinuance so as to reach them within fifteen days from the date of such reopening

27. Copies of plans and sections to be submitted.- The owner, agent, mining engineer or manager of every granite quarry shall submit to the State Government or any person authorised in this behalf by that Government, a copy of the plans and sections [•m 11--«os 3(i)] 47 maintained under these rules, as and when required by that Government or such person, as the case may be, 28. Preparation of plans.- (1) All plans, sections and tracings or copies thereof shall be serially numbered or suitably indexed. (2) Every plan, section or part thereof prepared under these rules shall carry thereon a certificate for its correctness and shall be signed by the mining engineer with date. (3) Every copy of a plan and section or part thereof submitted or maintained under these rules shall bear a reference to the original plan or section from which it was copied and shall be certified thereon by the owner, agent, mining engineer or manager to be a true copy of the original plan or section

CHAPTER VI SYSTEMATIC AND SCIENTIFIC MINING Protection of environment.- Every holder of a prospecting licence or a lease 29, shall take all possible precautions for the protection of environment and control of pollution while conducting prospecting, mining or processing of granite in the area for which such licence or lease is granted

30. Removal and utilisation of top soil.- (1) Where top soil exists and is to be excavated for prospecting or mining operations for granite, it should be removed separately. (2) The top soil so removed shall be utilised for restoration and rehabilitation of the land which is no longer required for prospecting or mining operations or for stabilising or landscaping the external dumps. (3) Where top soil cannot be used concurrently, it shall be stored separately for future use. Storage Of overburden, waste rock etc.- (1) The overburden, waste rock 31, and non-saleable granite generated during prospecting or mining operations for granite shall be stored separately in properly formed dumps on grounds earmarked. 48 GAZETTE OF INDIA : EXTRAORDINARY [PART II—SEC. 3(i)] Such dumps shall be properly secured to prevent the escape of material in (2) harmful quantities which may cause degradation of the surrounding land or silting of water courses. (3) Wherever possible, such waste rock or overburden or other rejects, shall be backfilled into the worked out granite quarry, where granite has been recovered upto the optimum depth, with a view to restore the land to its original use or desired alternate use, as far as possible and where the backfilling is not feasible, the waste dumps shall be suitably terraced and stabilised by planting vegetation or otherwise. 32. , Reclamation and Rehabilitation of lands.- Every lease holder shall undertake in a phased manner restoration, reclamation and rehabilitation of lands affected by prospecting or mining operations and shall complete this work before the conclusion of such operations and the abandonment of the granite quarry. Precaution-against Air pollution.- Air pollution due to dust, exhaust emissions 33, or fumes during prospecting, mining or processing operations for granite and related activities shall be controlled, and kept within permissible limits specified under any environmental laws for the time being in force. 34. Discharge of effluents.- Every holder of a prospecting licence or a lease shall take all possible precautions to prevent or reduce to a minimum the discharge of toxic and objectionable liquid effluents from granite quarry, workshop or processing plant, into surface or ground water bodies, and usable lands. These effluents shall conform to the standards laid down in this regard

35. Precaution against noise.- Noise arising out of prospecting, mining and processing operations for granite shall be abated or controlled by the holder of prospecting licence or a lease at the source so as to keep it within the permissible limit, Permissible limits and standards.- The standards and permissible limits of all 36. pollutants, toxins and noise referred to in rule 33, 34 and 35 shall be those notified by the concerned authorities under the provisions of the relevant statutes from time to time

37. Restoration of flora.- Every lease holder shall take immediate measures for planting in the area held under the lease or any other area selected by the State Government for this purpose, such number of trees sufficient to improve the environment and to minimise effects of land degradation during the entire period of such lease. He shall look after such tree plantations during the subsistence of the lease. 3(1)] 49

CHAPTER EMPLOYMENT OF QUALIFIED PERSONS 38. Employment of mining engineer.- (1) For the purpose of carrying out prospecting and mining operations in accordance with these rules, every holder of a granite quarry lease shall employ, - (a) in the case of a mechanised granite quarry, a whole time mining engineer possessing the following qualifications, namely:- (i) Degree in mining engineering with minimum one year's experience of working in mines including granite quarries, or Post Graduate degree in geology with First Class Metalliferous Mines Manager's Certificate or Post Graduate degree in geology with minimum three years' experience of working in supervisory capacity in mines including granite quarries, or (iii) Diploma in Mining with First Class Metalliferous Mines Manager's Certificate •or Dip101na in Mining with three year's experience in supervisory capacity in mines including granite quarries, or (iv) First Class N'letalliferous Mines Manager's Certificate with minimum two years' experience of working in mines including granite quarries after obtaining the certificate. 'b) in the case of a granite quarry lease other than the mechanised granite quarry lease. a part line Inining engineer possessing qualification as prescribed under clause (a) above; or a part time Illining engineer, possessing a post graduate degree in geology or Second C.Iass Metalliferous Minos Managcr)s Certificate, or a whole tilne mining engineer possessing Secondary School Leaving Cenificatc and Minc Foreknan Certificate with five years' experience of nun! inurn working as Mines Foreman or Mate in mines including granite quarries, Explanation - For the purpose of this sub-rule, mechanised granite quarry rmeans a granite quarry where machine capable of deep drilling is deployed or heavy machinery for 50 THE GAZEITE OF INDIA : EXTRAORDINARY [PART 11—SEC. excavation, handling or lifting or transporting of overburden and granite blocks is deployed. (2) i A part tirne mining engineer possessing qualifications prescribed in sub clause (i) of clause (a) of sub rule (1) Inay be employed to supervise upto a maximum of six granite quarries provided that all such granite quarries are located within a radius of fifty kilometers Provided that a person possessing the qualifications other than those prescribed in sub clause (i) of clause (a) of sub rule (1) may be employed as part time mining engineer in quarries upto a maximum of three granite quarries provided that such quarries are located within a radius of fifty kilometers

39. Duties ot' mining engineer.- Q) It shall be the duty of the mining engineer to take all necessary steps to plan and conduct mining operations, so as to ensure conservation of granite, systematic development of the granite deposits and protection of environment in and around the granite quarry lease area in accordance with these rules. (2) He shall be responsible for the preparation and maintenance of plans, sections reports and schemes in accordance with these rules. (3) He shall carry out all such orders and directions as may be given in writing under these rules by the State Government or any person authorised in this behalf by that Government and shall forward a copy of each of such orders OY directions to the holder of prospecting licence or, as the case may be, the granite quarry lease- Supply of materials, appliances and facilities.- (1) 40. The mining engineer shall ensure that there is sufficient provision of proper materials, appliances and facilities at all times at granite quarry for the purpose of carrying out the provisions of these rules and orders issued thereunder and where he is not the owner or agent of the granite quarry, he shall make requisition in writing to the owner or agent for anything required for the aforesaid purpose. A copy of every such requisition shall be recorded in bound paged book kept for the purpose. (2) On receipt of a requisition under sub-rule(1), the owner or agent shall provide as soon as possible the materials and facilities requisitioned by the mining engineer 3(i)] 51 CHAPTER NOTICES AND RETURNS 41. Quarterly and nnnunl returns.- The owner, agent, mining engineer or Inanager of every granite quarry shall submit to the State Government or any person authorised in this behalf by that Government and the Controller General of Indian Bureau of Mines returns in respect of such granite quarry within the time specified in respect of such returns, namely a quarterly return in Form F for every quarter ending 30th June, 3011' (a) September, 31 q December or 3 1 Bt March before the 1501 of the following month for the preceding quarter; (b) an annual return in Form-G which shall be submitted before the 1st July of each year for the preceding year . Provided that in case of abandonment or surrender of a granite quarry, such annual return shall be submitted within ninety days of the date of abandontnent or surrender

42. Notice of ccertnin appointments.- When any new appointment is made of an agent, mining engineer, geologist and manager for the purpose of these rules or when the employment of any such person is terminated or any such person leaves the said employment or when any change occurs in the address of any such person the owner of the granite quarry or the holder of the prospecting licence, relating to such

appointment, termination, living or change in address shall, within fifteen days from the date of such appointment, termination, leaving or change in address give a notice in Form-H to the State Government or any person authorised in this behalf by that Government

43. Records of boreholes.- The owner, agent, mining engineer, geologist or manager of every granite quarry or the holder of a prospecting licence shall keep a record of all boreholes in Form-I and shall retain all records and samples of the strata passed through. He shall not destroy such records of boreholes and samples of strata except with the prior approval of the State Government or any person so authorised on this behalf

44. Transfer of records of transferees.- When the ownership of a prospecting licence or a granite quarry lease is transferred, the previous owner or his agent shall make over to the new owner or his agent within a period of seven days of the transfer of the ownership, borehole cores preserved if any, all plans, sections, reports, registers and other records maintained in pursuance of the Act, rules or orders made thereunder, and all correspondence relevant thereto relating to the prospecting licence or granite quarry lease; and when the requirements of these rules have been duly complied with, both previous and the new owners or their respective agents shall forthwith send to the State 52 THE GAZETTE OF INDIA EXTRAORDINARY [PART II—SET, 30] Government or any person authorised in this behalf by that Government a detailed list of borehole cores, plans, sections, reports, registers and other records that have been transferred

45. Copies of notices and returns to be maintained.- The owner, agent, mining engineer or manager of every granite quarry or a holder of a prospecting licence shall maintain the labour attendance register, production and despatch register, explosives consumption register, test reports and details of mining machinery and copies of all notices and returns, plans, sections and schemes submitted to the State Government or any person authorised in this behalf by that Government under these rules, at an office established by the licensee or lessee and these shall be made available at all reasonable times to the State Government or any person authorised in this behalf by that Government for inspection. CHAPTER IX REVISION AND PENALTY (1) Any person aggrieved by any order made or direction issued by 46. Revision.- any person authorised by the State Government to make or issue such order or direction under these rules may within ninety days of the communication of such order apply to the State Government for revision of the said order Provided that any such application may be entertained after the said period of ninety days if the applicant satisfies the State Government that he had sufficient cause for not making the application within time, (2) Every order, against a revision application is preferred under sub- rule (1) shall be complied with pending the decision of the State Government in such revision application by the applicant, Provided that the State Government suspend the operation of the order appealed against pending disposal of the revision application (3) On receipt of an application for revision under sub-rule (1), the State Government after giving a reasonable opportunity of being heard to the aggrieved person, may confirm, modify or set aside the order or direction. Every application submitted under the provisions of this rule shall be (4) accompanied by a Treasury Receipt showing that a fee of five hundred rupees has been paid into a State Government Treasury or any branch of the State Bank of India doing Treasury Business to the credit of the State Government Penalty.- Whoever contravenes any of the provisions of these rules shall be 47. punishable with imprisonment for a term which may extend to one year, or with which may extend to five thousand rupees or with both and in the case of continuing contravention with an additional fine which may extend to five hundred rupees for every day during which such contravention continues after conviction for the first such contravention 3(i)] 53 CHAPTER X MISCELLANEOUS 48. Facilities for undertaking research or training.- Every holder of a prospecting licence or a lease shall afford all reasonable facilities to persons authorised by the Central Government or the State Government for the purpose of undertaking research or training in matters relating to mining or geology

49. Territorial jurisdiction.- The territorial jurisdiction of a person authorised by the Central Government or the State for the purpose of these rules shall be as notified by the Central Government or the State Government, as the case may be, in the Official Gazette from time to time

50. Obligation to supply other information.- The owner, agent, mining engineer, geologist or manager of every granite quarry shall furnish such information regarding such quarry or any matter connected therewith as the Central Government or the State Government or any person authorised in this behalf by

the Central Government or the State Government, as the case may be, may require by an order in writing and the information shall be furnished within such time as may be specified in the aforesaid order

51. Provisions of these rules to be applicable to Government.- The Government or its agencies carrying out mining operations without a lease shall be bound by all the provisions of these rules in the same manner as they are applicable to holders of granite quarry leases

52. Applicability of the provisions of Minor Mineral Concession Rules framed by the State Government.- The provisions of the Minor Mineral Concession Rules or any other rules framed by the State Government under section 15 of the Act shall be applicable to granite quarry leases to the extent they are not repugnant to or inconsistent with these rules

53. Delegation of powers.- The State Government may, by notification in the Official Gazette, direct that any power exercisable by it under these rules may, in relation to such matters and subject to such conditions, if any, be exercisable also by such officer or authority subordinate to the State Government as may be specified in the notification.

54 IMPORTANT THE GAZETTE OF INDIA : EXTRAORDINARY SCHEDULE FORM -A (Yearly Report of Prospecting Operations carried out) (Sec rule 11(1) and 11 (2)) [PART 11 —SEC. 3(i)] This report shall be submitted in must reach the authorities by 30th April for the previous year or "within 30 days from the date of abandonment or months the expiry licence or completion operations", whichever is earlier. 1. 2. 3. 4. (i) (iii) (v) (vi) 5. 6

7. Type of the granite for which prospecting operations has been granted Name and address of the licensee Particulars of the prospecting licence Date of execution Period : Years From : To 1. State Government concerned or any person so authorised under rule 49 2. Controller General, Indian Bureau or Mines, Nagpur (a) (b) to : (iii) (iv) Area under licence Hectares No. and date assigned by State Government to Prospecting Licensee. No. Location of the prospecting licensed area Topo Sheet Number : Cadastral Survey or Khairat Number . Village : Taluk/tehsil : District : State Post office : Nearest railway station : Police Station : Distance Nearest Rest House/Dak Bungalow ; Particulars of the Geologist or mining Engineer employed optionally, if any, for the prospecting licensed area: (i) (iii) Name and address Qualification Date of appointment Status of employment . Whole time . In Progress : Completed Abandoned : Part time , Status of Prospecting Operation: please tick mark one of the boxes whichever is applicable Total Surface area covered by prospecting work (hectare) : 3(i) 8, Place : Date Note : Prospecting work completed during the year : R. b. c. d. e. g. Area in Hectare Geological mapping Pitting (i) (iii) Trenching No. of Pits Grid Pattern Depth (Mts) Average Maximum Minimum (i) No. of trenches (Vertical interval) • Length (Mts) Average Minimum Maximum No. and size of samples (i) (iii) No. of boreholes completed during the year (with size of core) , No. of boreholes in progress . Total yearly drilling (Mts.) . Particulars of drilling Machines Type Details of samples tested: No. of samples tested : Complete report : Make Capacity No. of drills (Testing the suitability as per market requirements) Signature . Name in full ; Designation . Please enclose a geological report describing the prospecting operations undertaken so far accompanied by the detailed geological plans and sections showing structural details such as joints, fractures, folds, faults, grain size, texture etc. and also showing locations of (a) bore holes, (b) pits, (c) trenches (d) sample positions etc. The report shall also contain the bore hole logs and the inferences drawn as a result of the study or the geology of the area and the interpretation of the bore hole cores, pits, (trenches) reserves of granite and complete report of at least two representative samples indicating stone quality and suitability as per market requirements and the block* proposed for mining operations.

56 IMPORTANT THE GAZETTE OF INDIA : EXTRAORDINARY FORM-B (Notification of Intimation of Opening or Mining/Quarrying) 11 —SBC, 3(i) In this form shall reach the concerned authority within 15 days of the date of opening of the quarry or within 90 days of coming into force of these rules to intimate the existence of a quarry, the quarry block (See rule 23) To the State Government concerned or any person so authorised under Rule 49 2. Controller General, Indian Bureau or Mines, Nagpur. 1. 2. 3. 4. 5. 6. 7. (i) Name of granite worked (ii) Name of other mineral(s) worked, if any. Name of the quarry/mine : Date of opening of quarry/mine: Letter No. and Date through which the mining plan was approved : (Specify Authority) Name and address of the Lessee/Owner : Ownership of the quarry : a. b. c. Public sector Joint Sector Private Sector (In case of Joint sector, specify percentage share of each company) In case the lessee is a Company or a Partnership firm or Co-operative indicate name and address of the Director-in-Charge and the Registered office : 8. 9, (v) (vi) 11. Particulars of Quarry/Mining Lease (ML) .

Date of execution (i) Period : Area under licence Location of the lease : Topo Sheet Number . Years From
 , Hectares to Central Survey or Khushra Number . Village : Post Office : Nearest railway station : Nearest
 Rest House/Dak Bungalow : District : Police Station : Distance . Name and address of previous if any, and
 the date of abandonment , Particulars of Agent 11 12

13. Area under Hectares 3(i)] 57 a. b. Name and address : Date of appointment : Particulars of
 Mining Engineer: a. b. C, d. Name and address : Qualifications : Date of appointment : Status of
 employment : Whole time . Part time . Particulars of manager : a. b. Name/0 tnd Address . Date of
 appointment : Place . Date Engineer/Manager Signature . Name in full : Designation:Owner/Agent
 /Mining FORM-C (Notice of Intention of Abandonment/Surrender of Mine/Quarry) or part of the
 Mine/Quarry) (See rule 24(2) and rule 24(4) MINE/QUARRY IMPORTANT Notice in this Form shall
 be sent under registered cover. If the abandonment/surrender is due to reasons beyond the control of the
 lessee, this notice shall be sent within 15 days of such abandonment/surrender. State Government
 concerned or any person so authorised under 1. 2. 3

**4. Type of (the granite) worked : (i) (ii) Name of other mineral(s) worked, if any : Name of the mine
 quarry : Name and Address of the Lessee/Owner : Particulars of Mining/Quarry Lease(QML): (i)
 (iii) Date of execution: Period:)'cars : rule 49 .From : To: 58 5. 6. 8. 9. 10. 11, 12**



13. Place: Date : Note: GAZETTE OF INDIA : EXTRAORDINARY [PART 11 —SEC. 3(i)]

Location of Quarry/Mine Topo Sheet Number, Cadastral Survey of Khasra Number (iii) Village ; Post Office : Talukanehsil : Police Station : District : State : Dislance : Nearest railway Station : Nearest Residential House/Dak Bungalow : Name and Address of Agent: Particulars of Mining Engineer (a) Name and Address: (b) Qualifications: Date by which mining operations are to be abandoned or Mine (to be surrendered. Reasons for abandonment/surrender Exhaustion of granite : Uneconomic operations : Landslide: Other calamity (specify): (Please tick whichever is application) Lack of Demand: Non availability of labour: Flooding of quarry: Other reasons (specify): If the abandonment is due to natural calamities or order/directions issued by any statutory authority/Tribunal/Court for abandoning mining operations (the date of such abandonment). Reserves of the mineral proved in the area. Total production of the mine since first Number of workers employed in the Quarry Company Labour (Direct) Contract a) b) c) Proved: Probable: Possible: opening of quarry/: mine: Male Signature: Name in full: Factual Engineer/Manager In cases where part of the lease area is proposed to be abandoned/surrendered, 1. information 2. relating only to such part shall be given in columns I, 12 and 13. Please enclose plans/sections of the lease area on a scale not less than 1: 100 meters) indicating accurately the work done in the quarry upto (1 centimeter the time of submission of this notice including measures envisaged for protection of abandoned/surrendered quarry and approaches thereto and the environment, 3(i)] IMPORTANT 39



FORM-D (Notice of Temporary Discontinuance of Quarry/Mine) Notice in this Form shall be sent so as to reach the concerned authorities mentioned within 75 days of temporary discontinuance for the period exceeding 60 days) MINE/QUARRY CODE.... i. State Government concerned or any person so authorised under rule 49

2. Controller General, Indian Bureau of Mines, Nagpur 1. 2. 3. 4. 5. 6. 7. 8. 9

10. Place: Date : (i) (ii) Type of the granite worked : Name of other mineral(s) worked, if any Name of the mine quarry : Name and Address of the Lessee/Owner : Particulars of quarry/mine Lease: Date of execution: Period ; (iii) Area under Location of Quarry/Mine Sheet Number years from : Cadastral Survey of Khasra Number to : District : State : (iv) (v) Village : Post Office : Taluka/ Tehsil : Police Station : Nearest railway station : Distance : Nearest Rest House/Dak Bungalow : Name and Address of Agent: Name and Address of the Mining Engineer: Reasons for discontinuance : Lack of demand Non availability of Labour Transport bottleneck Strike Lock out Operation Incoming uncommercial Other reasons (specify) (Please tick whichever is applicable) Date of discontinuance of mining operation: Probable date of reopening , Signature: Name in full: Engineer/Manager 60 THE GAZETTE OF INDIA : EXTRAORDINARY [PART 11—sec. 3(i)] FORM-E (Notice of Intimation of Reopening of Quarry/Mine) IMPORTANT Notice in this Form shall reach the concerned authorities within 75 days of the date of reopening of the quarry. (See rule 26) MINE/QUARRY CODE:, To, 1, State Government concerned or any person so authorised under rule 49 2. Controller General, Indian Bureau of Mines, Nagpur 1. 2. 3. 4. 5. 6. 8

9. Date (i) Type 'Of the granite worked Name; of other mineral(s) worked, if any Name of the quarry/mine: Name and Address of the Lessee/Owner .Particulars of Quarry/Mine Lease(QML): Date of execution: Period Area under Lease....., .. Location of Quarry/Mine years from , ..Enclosures (i) (iii) (v) (vi) Topographical Number Cadastral Survey of Number Village . Post Office . Taluk/tehsil . Police Station : District : State : Name and Address of Agent: Name and Address of the Mining Engineer : Date on which the quarry/mine was a) Abandoned : b) Discontinued : Date of reopening : Distance : Nearest railway station Nearest Rest House/Dak Bungalow : Signature: Name in full.' Designation: Owner/Agent/Mining Engineer/Manager 61 3(i)] (i) 1. 2. 3. 4. 5. 6. 8

9. Items a) b) c) d) e) FORM-F QUARTERLY RETURN MINE/QUARRY [See rule 41 (a)] For the Quarter ending..... 19.. Type of the granite worked : Name(s) of other mineral(s), if any. : 1. State Government concerned or any person so authorised under rule 49 Indian Bureau 2. Controller General, of Mines. Nagpur Name and Location of the Quarry/mine Name of quarry/mine : Village : Post Office : Taluk/tehsil : Name and Address of lessee/quarry owner : Name : Address : Date of execution of lease granted and date of expiry.: Year of opening mine: Area in hect.: No. of days the quarry worked during the 111011th: Labour Employment, Mole District : Female a) b) Average daily employment: Wages(Rs.) Types of Granite (Colour etc.) produced: Production, Despatches, Stocks and Pit's Mouth Value of Raw Sized Blocks (Unit: Cu.ft.): Size-wise break up Opening Stock Production Despatches Direct Exports Domestic sale Closing stock Pit's Mouth Value (Rs.) 62 10. 11. 12. 13. 14. 15. 16

17. GAZETTE OF INDIA : EXTRAORDINARY Reserves (Proved, probable, possible) In situ and recoverable : Details' of processing activity undertaken by the lessee, if any : Whether captive mine of IOQ% Export Oriented Unit or not Production : [PART 11 —SEC. 3(i)] i) During the month of. : quantity (in b.ft.) and Cubic Metres.: Cumulative production during the current financial year upto the month of. : quantity (in MT.) and Cubic Metres. : Export of Dimensional Blocks : i) During the month of.: quantity (in Mt.) value (in Rs.): Cumulative during the current financial year upto the month of. : value (in Rs.): quantity (in MT.): Export of processed products : i) value (in Rs.): During the month of.: Cumulative during the current financial year upto the month of (in Rs.): Domestic Sale of Dimensional Blocks/processed products ; i) During the month of. : value (in Rs.): Cumulative during the current financial year upto the month of: Value (in Rs.): Reasons for increase/decrease in production during the current 111011th as compared to the preceding month: I certify that the information above is correct and complete in all respects. Place: Date : Note: Signature; Name in full: Designation: Owner/Agent/Mining Engineer/Manager Average daily employment is obtained by dividing the number of man days worked by the number of working day'. 11—UT 3(i)] 63 FORM.G: ANNUAL RETURN (See rule 41 (b) MINE / QUARRY CODE . (For the year 1st April 19.. to 31st. March 19..) (To be submitted before 1st July each

year for the preceding year or within 90 days or the date of abandonment [surrender] i) ii) Type or the granite worked : Name(s) of other Inimic if any' , I State Government concerned or any person so authorised under rule 49 2. Controller General, Indian Bureau of Mines, Nagpur 1. 2. 3. 4. 5. 6. 6.1 Name and Location of the quarry/mine : Name of mine/quarry : village : Taluka. Tehsil : District : Name and Address of leasee/quarry owner : Lease Details Area in hectares: Period (years): No. of days the quarry/mine worked during the year : Indicate reason(s) for work stoppage due to strike, lockout, monsoon, non-availability of labour, less demand etc. and number of days of work stoppage for each of these factors. Employment of Qualified Personnel and Labour : Number of technical and supervisory staff : Weather employed Post Office : Date of Execution : Reasons No. of days Partly employed Description R. Graduate Mining Engineer b. Diploma Mining Engineer c. Geologist d. Other administrative, clerical & technical supervisory staff 6.2 Salary paid to technical and supervisory Staff (Rs.) [PART IPSEC. 3(i)] 64 6.3 7.1 Items THE GAZETTE OF : EXTRAORDINARY Labour Employment a. Average daily Employment b. Wages (Rs.) Production, Despatches, Stocks and Pit's Mouth Value: Production of Raw sizes blocks during the year (Unit : Cu.M) Total a. Opening Stock b Production c. Despatches (i) Direct Exports (ii) Domestic sale d. Closing stock e. Pit's Mouth Value (Rs.) 7.2 7.3 Item Cumulative Production : (since opening of quarry in Cu.M) Waste and Rejects (Unit : Cu.M.) During the year a. Quantity of waste generated as overburden b Quantity of waste generated incidental to mining or raw blocks c. Quantity of waste generated as block and dressing rejects d. Despatches of waste and rejects (in accordance with above classification) 8. Mining Machinery used during the year. Type of Machinery No. of units Engine Horse Power of each unit Full break up Cumulative 10101 No. of hours worked (a) (b) (c) (d) 9. Consumption of Explosives a) c) e) 10. 11. 12. 13. 14. 15. 3(i)] Gun Powder (Kg) : Sorely Fuse (Metric) : Any other Explosive (Kg.) : (please specify with units) 63 b) Detonator (Nos.) : d) Detonating Filt. (No. 01' coil) Quantity and Cost of material consumed during the year Quantity Fuel (Lt.) (iii) Explosives - (iv) Other Materials Other expenses such as over-heads, etc (Rs.) : Amount of Rent and Royalty paid (Rs.) : Annual production (last 3 years) (Quantity in M.Tonnes and in cubic Metres) : Exports (last 3 years) (Separately for dimensional blocks in tonnage and value and for processed products in tonnage and value) : Reasons for Increase/decrease in production during the current year as compared to the preceding year: Cost: (Rs.) I certify that the information furnished above is correct and complete in all respects. Date . Note : (a) (b) (c) d) Name and Signature of Officer/Agencies Mining Engineer/Manager In case there is stoppage of work, indicate reasons for work stoppage and number of days of work stoppage. Average daily employment is obtained by dividing the number of man days worked by the number of working days. Wage includes all cash payments including bonuses Employees' contributions to provident funds, welfare activities etc. Concessions in kind should not be included in wages. The Pit's Mouth Value should represent the sale value of the granite at the pit mouth. In case of sales effected on F.O.R. or F.O.B. or any other basis, pit head sale value should be arrived after deducting all the expenses incurred from quarry/mine to railway station or port or other point of sale, as the case may be (such as expenses on loading and unloading charges, railway freight, sampling and analysis, port handling, export duty and cess). 66 THE GAZETTE OF INDIA : EXTRAORDINARY FORM-H (Notice of certain Appointment/Resignation/Termination/Change of Address) [PART 11 —SEC. IMPORTANT Notice in this Form Shall be given to the concerned authorities within 15 days from the date of new appointment termination from employment or resignation or change of address Agencies Mining Engineer/Geologist/Manager. (Sec rule 42) MINE/QUARRY COVE, State Government concerned or any person so authorised under rule 49 1. 2. 3. 4. 5. 6

8. Name and address of the Lessee/Prospecting Licencee: Name of granite for which Mine/Quarry/Lease/Prospecting Licence is granted : Name of Lease/Prospecting Licenced area : Location of Lease/Prospecting Licenced area: (i) Topo Sheet Number: (ii) Cadastral Survey or Khasra Number: Taluk/Revenue District: (iii) Village : Police Station: (v) Post Office: (vi) Nearest railway station : (vi) Nearest Rest House/Dak Bungalow. Particulars of Lease/Prospecting Licence (Hectare): Dist. Distance: Date of execution ; (i) Period : Years from : Area under Quarry Lease/prospecting licence (Hectare): Please indicate whether notice is given in respect of? New appointment Resignation/termination of employment (iii) Change of address (Strike out whichever is not applicable) In case of appointment of Agent/Mining Engineer/Geologist Manager, please indicate (i) (iii) (iv) (v) (vi) If the Name : Designation : Address: Qualifications : University/Institution from which passed: Date of appointment : appointment is that of a Mining Engineer or a Geologist, please indicate Whether appointment is 'Full time: (Please tick mark whichever is applicable) Part (inlet : 11--w/s 3(i)] In case (ii) (iii) 67 9. 10, Place : Date . Names, locations and ownership of all other Quarry/prospecting licence which will supersede, of resignation/termination of employment of Agent/Mining Engineer/Geologist Manager, please indicate : Name : Designation : Date of resignation/termination of employment : (In case the vacancy so created has been filled in please furnish the particulars of the same in columns 6 and 7). In case of change of address of (To Lessee/Agent/Mining Engineer/Geologist/Manager, please indicate: (iv) Name : Designation : Present address ; Date of change of address : Signature Name in full : Designation



FORM-I (Particulars to be recorded in a dumble bound paged book in respect of each bore hole/pit) (See rule '13) 1. 2. 3. 4. 5

6. Type of the granite for which license or license Is granted : Name and address of the Lessee/Licensee : Name of the new/quarry/prospect : Location of Lease/Prospecting Licensed area : (i) Topo Sheet Number: (ii) Cadastral Survey or Khasn Number: Taluk/L Tehsil; (iii) Village : (iv) Post Office: Police Station: (v) Nearest railway Station : (vi) Nearest Rest House/Dak Bungalow: Type and make of the drill and size of core : Bore hole/pit number and its location : : Owner/Licensee State: District: Distance: (a) (b) Reduced levels at the collar of the borehole/pit Inclination and bearing of the hole. Altitude of the formation THE GAZETTE OF INDIA : EXTRAORDINARY [PART 11—SEC. 3(i)] 68 8. 9. 10

11. Place : Date : Duration of drilling/pitting (a) Date of commencement : Total length of the hole/pit : Purpose of drilling/pitting : Total expenditure incurred (Rs.) : Details of intersection (as given below) a. b. c. d. e, Run Details From (Mt.) : Width (Mt.) : Size of core/pit Percentage recovery of core Lithology Detail' of test carried out : (b) Date of completion: To (Mt.) : True Width (MI.) : (indicate physical properties and stone quality) Signature : Name in full : Designation: Owner/Agent/Adining Engineer/Inspector [No. 1/1/99-M. VI] S. P GUPTA, Jt. secy. Printed by the Manager, Govt. of India Press, Ring Road, Mayapuri, New Delhi-110064 and Published by the Controller of Publications, Delhi-110054,

