

अण्डमान एवं निकोबार प्रशासन/A&N ADMINISTRATION
उपायुक्त का कार्यालय/OFFICE OF THE DEPUTY COMMISSIONER
उत्तर एवं मध्य अण्डमान जिला/NORTH AND MIDDLE ANDAMAN DISTRICT
मायाबंदर/MAYABUNDER

Mayabunder, dated the October, 2026.

NOTIFICATION

No.F.No.46-56/DC(N&MA)/QP/2022. Whereas in pursuance of Rule 15(1) OF THE Andaman & Nicobar Islands Minor Mineral Rules, 2012, a committee was constituted vide Notification No. 132/2015/F.No.34-738/2012-Rev(PF) dated 3rd August 2015 for preparing Quarry Plan for the area(s) identified for quarrying under the provisions of the Rules.

AND WHEREAS, the committee after due examination finalized quarry plan at Madhupur village & Shyamnagar village at Diglipur Tehsil, Harinagar village at Mayabunder Tehsil and Panchawati village at Rangat Tehsil under North and Middle Andaman District.

NOW THEREFORE, in exercise of the power conferred under Rule 5 read with Rule 16 of the Andaman & Nicobar Islands Minor Mineral Rules, 2012, Hon'ble Lt Governor is pleased approve quarry plan containing the location site plan, progressive and final closure plan, reclamation and restoration plan including specific guidelines for source-wise pollution control measures to be followed for quarry operation in North & Middle Andaman District as under:-

QUARRY PLAN

1. BACKGROUND

The Andaman & Nicobar Islands, in pursuance of Rule 15 notified the following committee for North & Middle Andaman District for preparing quarry plan for the area identified for quarrying under Rule 6:-

1	The Assistant Commissioner, Diglipur	Chairman
2	Representative of Health Department as nominated by Director Health Service	Member
3	Representative of APWD as nominated by Chief Engineer, APWD, Sri Vijaya Puram	Member
4	Representative of Forest Department as nominated by PCCF	Member
5	The Assistant Commissioner, Mayabunder	Convener

Accordingly the representative of PCCF, Chief Engineer(APWD) and DHS have
viz. Assistance Conservator of Forest (Diglipur), Executive Engineer, APWD (Diglipur)
and Chief Medical Officer (Diglipur) respectively were called to have a detailed
deliberation and field visits.

The Chairman apprised the Committee about the requirements of the Quarry Plan for Madhupur, Shyamnagar, Harinagar and Panchwati villages. It was emphasized that only earlier running sites are to be being taken up at this stage for testing their suitability as per the newly notified A&N Islands Minor Mineral Rules, 2012 framed in compliance of the orders Hon'ble Apex Court. He informed that all the records of the earlier existing quarries are available with the district administration for reference, if needed. The Assistant Commissioner further briefed the committee members that unlike other districts, quarrying potential is very limited in the North Andaman with little or no scope for the use of explosives. The earth and stone ratio is also not very favorable. In the quarry hills of the North Andaman, thick layer of the earth is deposited on the underlying rock.

He further informed that a survey/study has already been conducted by the APWD to assess the suitability and feasibility of the quarry site. The reports were placed before the committee.

The Committee, after perusing the records placed before it and having considered the dynamic aspects of the quarry site along with its location, general topography, environmental and health aspects and objections raised by the members, decided to prepare the quarry plan of the selected site.

Accordingly, after detailed discussions, deliberations and field visits, the committee finalized the following quarry plan as a road map for extraction of the minor minerals.

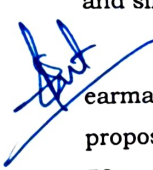
2. DELIBERATION OF COMMITTEE

In pursuance of Rule 6 of the Andaman & Nicobar Islands Minor Mineral Rules, 2012 notified on 20th September, 2012, contiguous area for quarrying, having due regard to the restrictions mentioned in Rule 4, general topography and environmental aspects, quarry blocks have been identified at Madhupur village & Shyamnagar village at Diglipur Tehsil, Harinagar village at Mayabunder Tehsil and Panchawati village at Rangat Tehsil under North & Middle Andaman District. The details of the identified sites are as under for quarrying manually.

2.1 Location

A. MADHUPUR VILLAGE IN DIGLIPUR TEHSIL

That as per the survey/study report furnished by CE, APWD, Madhupur village Quarry sites, the existing quarry area was surveyed with reference to the quarry blocks from which extraction has already been carried out. During the survey, it was observed that the presently earmarked quarry blocks A to H have been extensively excavated or have developed into deep ponds with substantial accumulation of water and silt.

 As such, further excavation and extraction of stone boulders from the existing earmarked quarry blocks are not considered feasible. In view of the above, EE, APWD proposed 08 Nos new quarry blocks, namely Blocks A to H, each measuring 50m x 50m at a new location towards the hill side in the available Government revenue land. The proposed blocks are planned with a side by side orientation and map of the same is attached.

He further, stated that an area 2.00 hectares was identified at Madhupur for quarrying operation by machinery/manually but without explosives.

(i) An area measuring 2.00 hectares has been identified out of the land bearing Survey No. 49/P recorded in Form 'AM' as Hilly Land.

Quarry	Survey No.	Area in Hect.
A	49/P	0.25
B	49/P	0.25
C	49/P	0.25
D	49/P	0.25
E	49/P	0.25
F	49/P	0.25
G	49/P	0.25
H	49/P	0.25

(ii) The blocks are situated at a new location than the previous one towards the hill side.

(iii) The subject land is free from all encumbrances and the area includes the sites from where quarrying operations were being undertaken earlier.

(iv) The selected area satisfies the restrictions mentioned in Rule 4 and is more than 500 meters from any Educational Institution, Health Institution, Residential area, or a water body.

B. SHYAM NAGAR VILLAGE IN DIGLIPUR TEHSIL

That as per the survey/study report furnished by CE, APWD, that Quarry Block A has been extensively excavated and is presently completely submerged in water, resulting in the formation of a deep pond with a substantial mixture of rock fragments and earth. Consequently, the block is not considered suitable for further quarrying operations due to inadequate availability of usable rock material.

The CE, APWD, after survey found that Quarry Block B, C, and D have been found suitable for further quarrying operations and have adequate potential for the extraction of stone boulders.

1.00 hectare was identified at Shyamnagar Village for quarrying operation by machinery/manually but without explosives.

(i) An area measuring 1.00 hectare has been identified out of the land bearing Survey No. 102/1/P recorded in Form 'AN' as Hilly Land.

Quarry	Survey No.	Area in Hect.
B	102/1/P	0.25
C	102/1/P	0.25
D	102/1/P	0.25

(ii) The subject land is free from all encumbrances and the area includes the sites from where quarrying operations were being undertaken earlier.

(iii) The selected area satisfies the restrictions mentioned in Rule 4 and is more than 500 meters from any Educational Institution, Health Institution, Residential area, or a water body.

C. HARINAGAR VILLAGE IN MAYABUNDER TEHSIL

That as per the survey/study report furnished by CE, APWD, out of total 08 Nos quarry blocks namely A to H, the block H is under a stay order from Hon'ble court and therefore the quarry block H (50m x 50m) can be utilized if it is shifted to a location adjacent to Quarry Block A and naming it H1 without disturbing the existing Quarry block-H.

An area measuring 2.00 hectares was identified at Harinagar for quarrying operation by machinery/manually but without explosive.

(i) An area measuring 2.00 hectares has been identified out of the land bearing Survey No. 4/1/P recorded in Form 'AM' as Grazing Land.

Quarry	Survey No.	Area in Hect.
A	4/1/P	0.25
B	4/1/P	0.25
C	4/1/P	0.25
D	4/1/P	0.25
E	4/1/P	0.25
F	4/1/P	0.25
G	4/1/P	0.25
H1 (adjacent to quarry block-A)	4/1/P	0.25

(ii) The subject land is free from all encumbrances and the area includes the sites from where quarrying operations were being undertaken earlier.

(iii) The selected area satisfies the restrictions mentioned in Rule 4 and is more than 200 meters from any Educational Institution, Health Institution, Residential area, or a water body.

D. PANCHWATI VILLAGE IN RANGAT TEHSIL

That as per the study report furnished by CE, APWD, no potential for further extraction of stone boulders is available in Quarry Blocks A, B, C and D.

However, CE, APWD recommended that, Quarry Blocks E and F have been reported to have the potential for extraction of stone boulders. Accordingly, 02 Nos. quarry blocks may be considered for auction.

An area measuring 1.50 hectares was identified at Panchawati Village for conduct of quarrying without explosive.

(i) An area measuring 1.50 hectares has been identified out of the land bearing Survey No. 49/1, area 17.85, situated at Panchawati Village, recorded in favour of the Government Revenue Department.

The details of the area identified are as under:

Quarry	Survey No.	Area in Hect.
E	49/1/P	0.25
F	49/1/P	0.25

(ii) The subject land is free from all encumbrances and the area includes the sites from where quarrying operations were being undertaken earlier.

(iii) The selected area satisfies the restrictions mentioned in Rule 4 and is more than 500 meters from any Educational Institution, Health Institution, Residential area or a water body.

2.2 Site Plan

- (i) The selected quarrying areas are contiguous area.
- (ii) The selected areas are part of hillock and topographically have smooth top tapering from one side of the hillock.
- (iii) These quarries have sufficient deposits of stone boulders.
- (iv) The surplus earth extracted by the lease holder shall be properly stacked and will be utilized for the execution of public works such as widening of road, earth levelling, etc., subject to payment of prescribed royalty by the user agency.
- (v) The use of explosives is not allowed, but use of machinery is permitted. All necessary precautions have to be taken to ensure that extraction shall be gradual while maintaining a gradient of 45-degree angle. Quarry shall not be carried put in a manner which can lead to sliding.
- (vi) All necessary precautions are to be taken to ensure the safety of man and machinery.
- (vii) Reclamation is to be done gradually by filling the surplus earth on the already mined area to maintain a smooth and soft surface level so that it may lead to growth of naturally grown endemic species. Time to time, directions can be issued by the Competent Authority for meeting the obligations arising out of Rule 18(2).
- (viii) Detailed layout plans of Madhupur, Shyamnagar, Harinagar and Panchawati sites may be seen at Annexures I, II, III and IV, respectively.

2.3 Potential for Extraction

- (i) The Committee was apprised that earlier extraction of the quarry products has not resulted in degradation or over-exploitation. Hence, the mineral extraction rate should be kept same. This will allow the course correction, if needed.
- (ii) Committee decided that after the excavation/quarrying operation is completed, mined area shall be brought in the shape of a flat land or a land with a gradient of 45-degree angle.
- (iii) It has been decided by the Committee that the quarry operations would be carried out to meet the genuine demand considering the development works undertaken by the APWD, ALHW and PRIs.
- (iv) Committee noted that, according to the study report of CE, APWD, the stone volume report as per study of IIT Kharagpur and physical balance quantity of stone as on 26.09.2026 as per the Transit Pass issued, the estimated extractable quantity of quarry stone in the different mining blocks of the North & Middle Andaman District is 1562924 m³ (Madhupur), 1027976 m³ (Shyamnagar), 2447356 m³ (Harinagar) and 434670 m³ (Panchawati). In order to stagger the quarry operations over a period of time, the Committee decided to allow extraction of up to 12,000 CBM of minor mineral from each block per annum. However, the quantity to be extracted from the identified quarry may be enhanced in exceptional circumstances by the Deputy Commissioner, North & Middle Andaman District, after recording the reasons in writing, for the projects of National interest and other works of public interest, depending upon the availability of the requisite potential.


Deputy Commissioner
North & Middle Andaman District
2024-25

2.4 Progressive and Final Closure Plan

(i) Committee favoured that the surplus fertile earth extracted as a result of the mining is to be utilized for progressive closure of the already mined areas. This area can be utilized for man and machinery movement but not for stacking or degrading. Growth of naturally grown endemic species is to be allowed.

(ii) The Committee has decided that, with the present rate of extraction of minor minerals, it would be difficult to recommend guidelines for final closure of quarry. The following points are to be considered as a part of final closure of the quarry:

- a. Location of the Quarry.
- b. Topography of the Quarry.
- c. Reason for Closure or reserves of minor minerals available for future in the quarry, if any.
- d. Reclamation and rehabilitation of the mined quarries, indicating the method of reclamation/restoration of land and quarry pits.
- e. Water quality and hydrology of the area, indicating water bodies, surface run-off, vulnerability to erosion, sedimentation/siltation, diversion of water course, contamination, quantity and quality change of water in water bodies. The corrective and protective measures are to be considered.
- f. Air quality, indicating air quality status and corrective measures to prevent pollution.
- g. Waste management, indicating status, type, quality and quantity of overburden, earth/top soil removed and preventive measures and disposal methods of the overburden in case not utilized for stabilization and for filling the pits. The protective measures to be taken for prevention of siltation, erosion and dust generation from these waste materials should also be addressed.
- h. Infrastructure – Emphasis on maintaining the existing road, etc., and creation of toe/retaining walls, check dams, etc.
- i. Disposal or removal of quarrying machinery and construction like hutment/shed, if any.
- j. The Administration may include any activity as a part of the closure plan at any point of time.
- k. Statutory obligations, like payment of wages/compensation for retrenchment of manpower/labour under the ID Act, and handling any other kind of repercussions shall be the sole responsibility of the quarry lease holder.
- l. Disaster Management & Risk Assessment – indicating the probable high risks like landslides, seismic activities, inundation of low areas in abandoned quarry and action plan to mitigate these risks.
- m. Monitoring and Evaluation of the activities of the closure plan.

2.5 Plan for Reclamation and Restoration of Land

The following activities for reclamation and restoration of the land have to be jointly undertaken from the corpus created by the concerned Departments such as Revenue, Forest and Andaman Public Works Department of the Union Territory.

- (i) Plantation activities to be taken up in strips (along the approach road) and blocks (in the abandoned/closed quarries).
- (ii) Coastal/Littoral species of trees/plants will be selected for strip plantation along road and hardy and fast-growing tree species will be selected for block plantation.

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Jointly Commissioned
North & Middle Andaman
District & Mayaband

(iii) The strip plantation along the road will be taken up in 2-3 rows depending upon the availability of land along the road.

(iv) The strip plantation on the area ward side of the road will be raised in staggered/quincial pattern with spacing of 3 m × 3 m (row-to-row and plant-to-plant, respectively).

(v) Casualty/mortality filling of the plantations will be carried out for a minimum of three years starting from the year of planting.

(vi) Maintenance of the plantation will be done continuously for a minimum of five years or more till the establishment of the plantations and activities like mulching, weeding, climber cutting and cleaning, including the repair and maintenance of tree guards or fences, will be taken up in each year.

(vii) Cost estimation for each segment of strip or block plantation will be done by the Forest Department based on the Schedule of Rates/standard norms of the Department, considering the site conditions/locality factors, especially the soil and biotic factors of the area.

(viii) The cost of raising plantations or any other reclamation and restoration exercise shall be borne by the lease holder.

3. Measures for Pollution Control

3.1 General

(i) During quarrying operations, water should be sprayed at least once in a day over the roads at the quarry sites and nearby areas by the lease holders.

(ii) Kachha roads, used for transportation of morrum, from the quarry site shall invariably be sprayed by water during these operations. In order to minimize dust pollution, measures such as adoption of hoods at transfer points, vulcanizing of conveyor belt joints, under-belt cleaning devices, and installation of dust suppression and/or dust extraction system for conveyance shall be adopted.

(iii) The kachha road leading to the quarry shall have avenue plantation to arrest the dust pollution.

3.2 Drilling

(i) Drilling machines shall be fitted with dust suppression, collection and disposal arrangements.

(ii) Deep wetting of drilling zones shall be done by water sprinkling before starting drilling.

(iii) During the drilling operations, the effects shall be made to reduce dust generation by taking appropriate measures.

(iv) The workers shall be provided appropriate personal protective equipment, viz., ear muffers/ear plug or noise-proof cabins.

3.3 Heavy Earth Moving Machineries

(i) The operator/transporter shall carry out regular maintenance of the machinery and vehicles.

(ii) The speed limit shall be adhered to.

(iii) Operator's cabin of the HEMMs should preferably be air-conditioned and at least air-tight.

(iv) The smoke emissions should conform to the standards notified in Motor Vehicles Act.

(v) The trucks carrying the mined products shall be covered with tarpaulin so that there are no fugitive emissions during transportation.


Deputy Commissioner
Jammu & Kashmir
Jammu

- (vi) The transportation should not be through the busy roads in the cities/towns/villages if bypass roads are available.
- (vii) The engine exhausts of HEMM to be fitted with mufflers and the cabins shall be noise-proof.
- (viii) HEMM shall be properly maintained.
- (ix) Operators shall be provided with ear mufflers/ear plugs.
- (x) Imposition of speed restrictions on HEMM near residential areas shall be enforced.
- (xi) The haulage path of the HEMM shall be re-routed so that it is away from the residential areas.

3.4 Haul Road

- (i) All the haul and service roads shall be metalled and well maintained.
- (ii) Unmetalled haul roads shall be free of ruts and pot holes.
- (iii) All haul roads and surface roads shall be regularly sprayed with water.
- (iv) Plantation alongside haul roads (avenue plantation) shall be carried out.

3.5 Overburdening

- (i) Plantation over and around overburden dumps shall be carried out to ensure stability of slopes, prevention of dust by wind action and soil erosion during the run off.
- (ii) Wetting of the surface of overburden dump shall be regularly practiced.

3.6 Water Pollution

The project components Should comply with all the standards given in the Water (Prevention and Control of Pollution) Act, 1974.

4. Responsibility of the Quarry Lease Holder

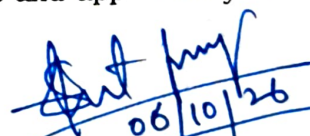
Besides the responsibilities of the quarry lease holder as stated in the Andaman & Nicobar Islands Minor Mineral Rules, 2012, a quarry lease holder shall also be responsible for complying with the various aspects as suggested in the various headings of the instant Quarry Plan.

5. Other Relevant Matters

- (i) Periodical health check-up of the workers and their family members engaged in the quarry, a dust stone units, and to keeping vigilance on development of Silicosis or other respiratory illnesses shall also be undertaken by the quarry lease holder.
- (ii) All quarry lease holders must keep necessary First Aid provisions at the work site.
- (iii) Make Provision of fund for aid to the workers and their family in case of any accidental injury/death take place.
- (iv) The extraction shall be gradual while maintaining a gradient of 45-degree angle.
- (v) As per Andaman and Nicobar Islands Minor Mineral Rules, 2012, under Chapter II, Rule 4(2)(f), the extraction site should always be above Mean Sea Level.

6. Period of Operation of Quarry Plan

- (i) The plan shall remain in force till three years from the date of notification, unless otherwise modified/ on account of orders of a Competent Court/Administrator and in such event, the modified Quarry Plan shall have the same force and applicability for all concerned, including the quarry lease holders.


 06/10/26
Sushant Padha, IAS
Deputy Commissioner
North & Middle Andaman District
 Deputy Commissioner
 उत्तर एवं मध्य अंडमान
 North & Middle Andaman