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# **GREEN VALLEY INDUSTRIES LIMITED**

**PROPOSAL FOR  
DIVERSION OF DEEMED PRIVATE FOREST LAND 6.55 Ha FOR  
MINING**

**AS**

**MINING LEASE FOR LIMESTONE OVER AN AREA 4.89 Ha (including  
Safety Zone 0.75 Ha) and**

**1.66 Ha for Approach Road and Site Office at**

**MADAN PYRDA, CHIEHRUPHI VILLAGE in JAINTIA HILLS DISTRICT  
OF MEGHALAYA**

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**Form - A**

Form for seeking prior approval under Section-2 of the Forest (Conservation) Act, 1980  
of the proposal by the State Government of Meghalaya and other authorities  
(See Rule-6)

**Part - I**

(to be filled up by user agency)

S. No.	Particulars		Description
	Project Details		
1.	(i)	Short narrative of the proposal and project/scheme for which the forest land is required	<ul style="list-style-type: none"> <li>• It is a project of undertaking opencast mining of limestone over an Mining Lease Area of 4.89 ha. at Madan Pyrda, Chiehruphi Village in Jaintia Hills District of Meghalaya in favour of M/s. Green Valliey Industries Ltd. The proposed area is on east of the Village Chiehruphi and at a distance of 118 km. from Shillong on NH-44. The area is connected to the NH 44 (at about 117.5 km from Shillong) by a graveled road of about 700 m length. The area falls on Topo sheet No. 83 C/W with latitude and longitude as under:  Latitude - 25°12'41"N  Longitude - 92°23'00" E</li> <li>• M/s. Green Valliey Industries Ltd. was incorporated on 31.7.2007 as a public limited company under the Companies Act, 1956. The company has setup an integrated Cement Plant of 0.86 Million Tonnes Per Annum Cement capacity in Village Nongsning in Jaintia Hills District which is already in operation on the basis of purchased limestone.</li> <li>• The user agency was granted a Prospecting Licence over an area of 15.60 ha. by Meghalaya Government vide order dated 24.08.2010 and its agreement was executed on 03.09.2010 which was valid upto 02.09.2012.</li> <li>• As per the map of Jaintia Hills under District Planning Map Series published by the National Atlas and Thematic Mapping</li> </ul>

Organisation of the Department of Science and Technology, Government of India, in 2003 shows that the Prospecting Licence area is fallow land or scrub land and there is no forest, cave and monuments etc. in the area. Treating the said area as non-forest land, the geological investigation of area has been done during the year 2010. As per prospecting results the limestone mineralization has been established. During prospecting 4 boreholes were drilled with cumulative length of 182.25 m. In the first phase of prospecting, 7.00 ha. was undertaken however from total 15.60 ha. the remaining part has more or less same geological conditions therefore geological mapping, surface sampling survey was carried out without resorting to drilling operation.

- In this area limestone occurs in 2 to 3 beds with cumulative thickness ranging from 25 m. to 30 m. and extends upto 50 to 60 m. in depth. The ROM grade is as under:

CaO	--	47.48%
MgO	--	02.70%
SiO <sub>2</sub>	--	16.46%
Al <sub>2</sub> O <sub>3</sub>	--	02.61%
Fe <sub>2</sub> O <sub>3</sub>	--	02.99%

- Out of said 15.60 ha. PL area the State Government of Meghalaya vide order dated 12.03.2012 granted mining lease (LOI) over an area of 4.89 ha. (henceforth may be called as Block I). For the balance 10.71 ha. (henceforth may be called as Block II), the user agency has submitted on 26/06/2012 Mining lease application before the State Government and its LOI of mining lease is awaited.
- Mineable reserves of Block-I is calculated to be around 1.2 million Tonnes which is adequate to last for about 7 years at the rate of around 1,50,000 Tonnes per annum during first three years and

		<p>around 2,00,000 Tonnes per annum, during subsequent years.</p> <ul style="list-style-type: none"> <li>• Mining activities will be undertaken in scientific way by opencast mechanized method as per Mining plan approved by IBM.</li> <li>• Limestone is a necessary raw material for manufacture of cement which has been set up at Village Nongsing in Jaintia Hills. The demanded area of 6.55 ha. deemed forest land is the barest minimum area to support the cement project. Although the said area is not adequate to sustain the cement plant of 0.86 million tonnes per annum capacity but it is essential for the commencement.</li> <li>• As per the Divisional Forest Officer (T) Jaintia Hills, Jowai letter dated 09.02.2011 the land in question is deemed forest land where provisions of Forest (Conservation) Act, 1980 will apply and for grant of mining lease and undertaking mining activities in the area prior approval under S-2 of the FCA, 1980 will be required. Therefore the said proposal is being submitted.</li> </ul>
(ii)	Map showing the required forest land, boundary of adjoining forest area.	<ul style="list-style-type: none"> <li>• The area falls on toposheet No. 83 C/W. It has been marked on a topographical map (1:50,000) as well as on plain map of 1:20,000 with co-ordinates of extreme points. The adjoining area, as per the map of Jaintia Hills under District Planning Map Series published by the National Atlas and Thematic Mapping Organisation of the Department of Science and Technology, Government of India, in 2003, is all fallow/scrub land but deemed forest category.</li> </ul>
(iii)	Cost of the project	<ul style="list-style-type: none"> <li>• Rs. 6 Crore approx.</li> </ul>
(iv)	Justification for locating the project in forest area.	<ul style="list-style-type: none"> <li>• As per the Meghalaya State Forest Report, 2009 released by the Forest Survey of India, more than 77% of the land area of Meghalaya falls in the category of forest. As per the Hon'ble Supreme Court order dated 12.12.1996, most of the area on the basis of vegetation density comes under the category of deemed</li> </ul>

forest land. Under this situation the industries to be setup in the State outside the industrial parks will have to be necessarily located in the deemed forest area.

The Central Government in the year 1997 declared the North-Eastern Industrial Policy which was further reviewed in 2007. Its main thrust is to encourage industries in rural areas and more so the mineral based industries. Meghalaya is endowed with mineral of commercial value like limestone and coal. Since the applicant has already acquired the necessary environment clearance under EIA Notification, 2006 to set up an integrated cement plant of 0.86 Million Tonnes Per Annum Cement capacity in Village Nongsning in Jaintia Hills District. Hence it is justified to accord permission to grant forest clearance of 4.89 ha. deemed forest land to grant a mining lease as a captive limestone mine. Rest 1.66 ha. is required for approach road to the mining area and other necessary facilities like office etc.

Keeping in view the above fact, the State govt. Department of Mining and Geology has granted LOI for a Mining Lease over an area of 4.89 ha. vide its order dated 12.03.2012.

Like other minerals, limestone mine is also a site specific project. Therefore it has to be set up in respect of land which contains adequate reserve of mineral along with the proper grade acceptable to manufacture the product. In the present case cement has to be manufactured and therefore good quality limestone is required.

As already mentioned hereinabove that 77% land of the state being classified forest land whereas rest major part being deemed forest or unclassified forest land. Therefore for economic development activities, the requirement of forest land has become absolutely essential and fully justified to establish its inescapability for locating the said limestone mine project in Forest Area.

	(v) Cost benefit analysis	<ul style="list-style-type: none"> <li>• Cost benefit Analysis report enclosed:</li> </ul>																		
	(vi) Employment likely to be generated	<ul style="list-style-type: none"> <li>• <b>Direct employment</b> - 70 Directly employed persons such as officials, technician/operators and work-force detailed as under <ul style="list-style-type: none"> <li>▪ Mine Management &amp; Supervision - 10</li> <li>▪ Mine Operation and Work-force - 60</li> </ul> <p style="text-align: right;">----- Sub-Total 70 -----</p> </li> <li>• <b>Indirect Employment</b> - 200 <ul style="list-style-type: none"> <li>▪ Mechanic &amp; Workshop</li> <li>▪ Shopping Centre</li> <li>▪ Travel Agencies</li> <li>▪ Transport facilities</li> <li>▪ Hotel &amp; Restaurants</li> </ul> </li> </ul>																		
2.	Purpose-wise breakup of total land required	<p>Total area sought for diversion is 6.55 ha. consisting of a Mining Lease Area of 4.89 ha, an approach road (0.74 ha.) to the said Mining Lease Area and 0.92 ha area is sought for construction of a Site Office. Out of 4.89 ha of the Mining Lease Area, 0.75 ha will be Safety Zone. Safety Zone area has been determined by taking a 7.5 m wide strip all along the outer boundary of the Mining Lease Area.</p> <p>Thus, purpose - wise breakup of the total land required, can be tabled as below :</p> <table border="1" data-bbox="521 1503 1511 1864"> <thead> <tr> <th>Sl. No</th> <th>Purpose</th> <th>Area (in ha.)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Mining of limestone</td> <td>4.14</td> </tr> <tr> <td>2</td> <td>Safety Zone</td> <td>0.75</td> </tr> <tr> <td>3</td> <td>Approach road to the mine</td> <td>0.74</td> </tr> <tr> <td>4</td> <td>Site office</td> <td>0.92</td> </tr> <tr> <td></td> <td style="text-align: center;"><b>Total</b></td> <td><b>6.55</b></td> </tr> </tbody> </table>	Sl. No	Purpose	Area (in ha.)	1	Mining of limestone	4.14	2	Safety Zone	0.75	3	Approach road to the mine	0.74	4	Site office	0.92		<b>Total</b>	<b>6.55</b>
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3.	<p>Details of displacement of people due to the project, if any</p>	<p>No displacement of people is involved since there is no habitation over the deemed forest land applied for diversion under this proposal</p> <p>(i) Number of families - Nil</p> <p>(ii) No. of SC/ST families - Nil</p> <p>(iii) Rehabilitation Plan - Not Applicable</p>
4.	<p>Whether clearance under Environment (Protection) Act, 1986 required (Yes/No)</p>	<p>Yes, the clearance under the Environment (Protection) Act, 1986 in terms of EIA Notification, 2006 is required. The necessary application will be submitted before the Competent Authority.</p>
5.	<p>Undertaking to bear the cost of raising and maintenance of compensatory afforestation and/or penal compensatory afforestation, cost of protection and regeneration of safety zone, etc. as per the scheme prepared by State Government (Undertaking to be enclosed)</p>	<p>The necessary undertaking of the user agency applicant company in respect of compensatory afforestation, penal compensatory afforestation, safety zone, protection &amp; regeneration and payment of NPV is enclosed.</p>

6.	Details of certificates and documents enclosed as required under the instructions	List Of Maps and Annexure is enclosed.
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Dated: 14.12.2013  
Place: Jowai



For Green Valliey Industries Ltd.

(Anil Kumar)  
DGM - Mines &  
Authorized Signatory  
Green Valliey Industries Limited

Authorised Signatory