

Annexure- IX

**Land Schedule of the area for ancillary activity over an area of 4.578 hectares of
M/s Goldstone Cement Limited
Village Musiang Lamare (Old) PO Rambay, PS Khliehriat
East Jaintia Hills District, Meghalaya.**

Sl. No.	Block No.	Owner Ship	Title Holder	AREA IN SQM.	AREA IN HA.
1.	1	Under GSCL	String Saiangshai	910.000	0.091
2.	2	Under GSCL	Harmon Bareh	6300.000	0.630
3.	3	Under GSCL	Kalbin Pussain	910.000	0.091
4.	4	Under GSCL	Pynbiong Suting	7300.000	0.730
5.	5	Under GSCL	Proper Shylla	1800.000	0.180
6.	6	Under GSCL	Nagitlang Dhar	3600.000	0.360
7.	7	Under GSCL	Arwat Lamare	3600.000	0.360
8.	8	Under GSCL	Emlang Lamare	5400.000	0.540
9.	9	Under GSCL	Te Sympli	50.000	0.005
10.	10	Under GSCL	Prim Suiting	6300.000	0.630
11.	11	Under GSCL	Phos Bareh	9610.000	0.961
		TOTAL AREA		45780.000	4.578

(Signature of Applicant)

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Authorized Signatory

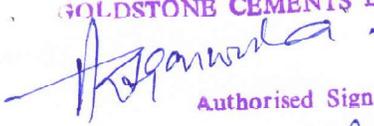
Anil Kumar Anarwala
Project Coordinator

**Boundary Description of Approach Road and Other Ancillary Activity area
Applied by M/s Goldstone Cement Limited**

The starting point 'A' is situated at a distance of 235.845 M from 120 KMP with magnetic bearing of 50°49'55.0"

Point No.	Interior Angle	Distance (Mtr)	Latitude	Longitude	Remarks
AA	244°36'24.7"	000.000	25°12'16.2"	92°22'10.4"	
BB	231°57'09.3"	95.705	25°12'15.0"	92°22'12.0"	
CC	267°40'27.1"	158.938	25°12'13.7"	92°22'09.0"	
DD	299°49'39.4"	225.963	25°12'14.4"	92°22'04.1"	
EE	263°17'01.2"	80.667	25°12'10.0"	92°21'57.9"	
FF	283°55'15.0"	39.873	25°12'10.9"	92°21'54.7"	
GG	243°41'33.4"	147.784	25°12'19.12"	92°21'53.0"	
HH	185°36'26.5"	71.625	25°12'17.9"	92°21'40.5"	
II	217°49'26.7"	90.283	25°12'15.7"	92°21'40.0"	
JJ	247°26'56.6"	105.925	25°12'12.0"	92°21'41.9"	
KK	287°49'22.3"	118.286	25°12'12.8"	92°21'41.9"	
LL	271°42'52.0"	550.456	25°12'14.4"	92°21'30.1"	
MM	334°56'48.1"	57.124	25°12'17.4"	92°21'10.0"	
NN	340°49'26.4"	232.447	25°12'19.2"	92°21'10.0"	
OO	309°48'48.2"	97.155	25°12'26.6"	92°21'16.6"	

Signature of Applicant

GOLDSTONE CEMENTS LTD.

 Authorised Signatory
 ANIL KUMAR AGARWALA
 Project CO-ordinator

**GREEN BELT DEVELOPMENT SCHEME FOR APPROACH ROAD OF
GOLDSTONE CEMENTS LIMITED
IN VILLAGE MUSIANG LAMARE (OLD) PO: RAMBAY, PS KHLIEHRIAT
JAINTIA HILLS DISTRICT, MEGHALAYA.**

1. INTRODUCTION

The Musiang Lamare cement plant approach road area of M/s Goldstone Cements Limited over an area of 4.578 hectares in the village Musiang Lamare of Jaintia hills district . The status of land is private land :

LAND USE PATTERN OF AREA APPLIED FOR DIVERSION

The proposed land use is as below.

Land use pattern

Sl. No.	Purpose of Utilizing	Category of Land in Ha.		Total Area in Ha.
		Deemed Private Forest	Non Forest Land	
1.	Approach Road	3.026	Nil	3.026
2.	Greenbelt 3.5 meter along both side of road	1.552	Nil	1.552
Total		4.578	Nil	4.578

3. PROPOSED RECLAMATION PLAN:

This is a working plant. The green belt is shown in MAP-V.

4. METHODS OF PLANTATION:

The procedures for plantation has been outlined as follows:

- I. Leveling of the ground and spreading of the top (sweet) soil.
- II. Selection of site and demarcation of the area for plantation.

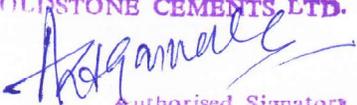
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- III. Digging of the pits (30 x 30 x 30 cm³) with 2m x 2m interval before monsoon.
- IV. Mixing of the sweet soil, cow dung and sand in 3:1:1 portion and pit filling.
- V. Application of insecticide and pesticide in the pits.
- VI. Using neem cake powder, to protect plants from white ants and as manure.
- VII. Planting of seedling will be done in the month of July. In the sloping terrain, trenches shall be dug a 3m interval along the contours with stacking of the excavated earth on the edge of the trench on the lower slope side to arrest waste water flow, thereby allowing the planted saplings to get water nutrients.
- VIII. Application of chemical fertilizer
- IX. Weeding and hoeing
- X. Watering of plants
- XI. Fencing
- XII. Pruning
- XIII. Replacement of casualty.

5. **CHOICE OF SPECIES OF PLANTATION:**

Considering the local weather condition and type of soil, the following species have been selected for plantation.

<u>Name of the Species</u>	<u>Common Name</u>
Albizialebbek	Siris
Acacia auriculiformis	Accacia
Tectonaggrandis	Teak
Prerocarpusmarsupium	Bija
Ardinacardifolia	Kuruma
Adina gradifolia	Gambhari
Terminaliaalata	Asan
Tamarindusindicus	Tentuli
Schificheraoleosa	Kusuma

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6. COST ESTIMATE FOR AFFORESTATION IN GREENBELT DEVELOPMENT AREA

No of seedlings to be planted: 1600 nos/Ha., spacing 2m x 2m interval.

Sl. No.	Name of Activities	Amount (Rs.)
A)	0th and 1st Year	
1	Nursery cost of presprouted stumps of one year old.	8000.00
2	Survey, demarcation & pillar posting	200.00
3	Site preparation	400.00
4	Alignment & stacking of pits	200.00
5	Digging of pits – 30 Cu.m	5000.00
6	Contingencies	1380.00
	Total	13800.00
B)	First year/Planning year	15180.00
1	Transportation of seedling with polypots.	600.00
2	Planting including casualty, replacement, manuring (basal done) & insecticide application	2000.00
3	Cost of fertililzer	2000.00
4	First weeding (complete weeding)	800.00
5	Manuring	400.00
6	Second weeding (Complete weeding)	400.00
7	Soil working (50cm. Radium around the plant)	600.00
8	Fire tracing and inspection path	200.00
9	Soil conservation measures in the form of staggered trenches of 2ML x 50cm W x 50cm D	500.00
10	Watch and ward	1000.00
11	Contingencies	900.00
	Total :	9400.00
C)	2nd Year Plantation	
1	Casualty, replacement, nursery cost	1500.00
2	Application of fertilizer	1000.00
3	Cost of fertilizer	800.00
4	Weeding (complete weeding)	700.00
5	Soil working (50cm. Radium around the pits)	500.00
6	Fire tracing (2m wide fire line over 400m long)	100.00
7	Watch & ward	300.00

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Sl. No.	Name of Activities	Amount (Rs.)
8	Contingencies (approx. 5% of total)	250.00
	Total	5150.00
D)	3rd Year	
1	Contingencies	270.00
	Grand-Total	30000.00

The above expenditure does not include the cost of fencing and charges of supervision by corporation officials. The total expenditure calculated at the present prices for afforestation of the proposed area of 1.552 hectares during the period of the lease will be Rs.46,560/-.

**PHASED RECLAMATION AFFORESTATION PROGRAMME
(PHASE WISE)**

Phase	Area Proposed for Plantation (In Hectares)	No. of Plant to be Planted	Remarks
Green Belt (1-3 year)	1.552	2484	Within approach road area of GSCL Cement Plant
Total	1.552	2484	

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Anil Kumar
Authorized Signatory

ANIL KUMAR AGARWALA
Project Co-ordinator

**UNDERTAKINGS TO PAY THE COST FOR PROTECTION AND
REGENERATION OF GREENBELT AREA**

I, on behalf of **M/s Goldstone Cements Limited, Village Musiang Lamare (old) PO Rambay, PS Khliehriat, Jaintia Hills District, Meghalaya**, hereby, undertake to pay the entire amount for protection including fencing and generation of green belt area of 1.552 Ha. in lieu of the forest area diverted for 4.578 ha as per prevailing rate of wages etc. during the entire operation of Cement Plant Activities.

(Signature of Applicant)

GOLDSTONE CEMENTS LTD.

[Handwritten Signature]

Authorised Signatory

ANIL KUMAR ANARWAL
Project - coordinator

Date:

Place:

Countersigned by:

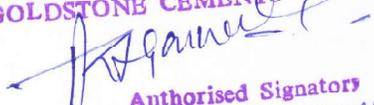
Divisional Forest Officer
Jaintia Hills Territorial Division
Jowai

Annexure – XII(B)

UNDERTAKINGS FOR PAYMENT OF COST OF PENAL COMPENSATORY AFFORESTATION

I, on behalf of **M/s Goldstone Cements Limited, Village Musiang Lamare (old) PO Rambay, PS Khliehriat, Jaintia Hills District, Meghalaya**, hereby undertake to pay the entire amount for Penal Compensatory Afforestation in lieu of the forest area diverted for 4.578 ha for development of Approach Road to Cement Plant area as per prevailing wage at the time of plantation.

(Signature of Applicant)

GOLDSTONE CEMENTS LTD

Authorised Signatory
ANIL KUMAR GUARUOLA
Project - co-ordinator

Date:
Place:

Countersigned by:

Divisional Forest Officer
Jaintia Hills Territorial Division
Jowai

Annexure – XII(C)

CERTIFICATE FOR MINIMUM USE OF FOREST LAND

This is to certify that the deemed forest area involved in the proposal for diversion is unavoidable and barest minimum deemed forest area i.e. 4.578 ha area is proposed for diversion for Cement Plant Approach Road development.

(Signature of Applicant)

GOLDSTONE CEMENTS LTD.

Anil Kumar
Authorized Signatory
ANIL KUMAR ANARWALA
Project Co-ordinator

Date:

Place:

Countersigned by:

Divisional Forest Officer
Jaintia Hills Territorial Division
Jowai

**UNDERTAKINGS FOR PAYMENT OF COST OF
COMPENSATORY AFFORESTATION**

I, on behalf of **M/s Goldstone Cements Limited, Village Musiang Lamare (old) PO Rambay, PS Khliehriat, Jaintia Hills District, Meghalaya**, hereby undertake to pay the entire amount for Compensatory Afforestation in lieu of the forest area diverted for 4.578 ha towards development of Approach Road to Cement Plant as per prevailing wage at the time of plantation.

(Signature of Applicant)

GOLDSTONE CEMENTS LTD.
[Handwritten Signature]
Authorised Signatory

Date:
Place:

Countersigned by:

Divisional Forest Officer
Jaintia Hills Territorial Division
Jowai

UNDERTAKINGS FOR PAYMENT OF NET PRESENT VALUE OF FOREST AREA

It is to certify that, I, on behalf of I, on behalf of **M/s Goldstone Cements Limited, Village Musiang Lamare (old) PO Rambay, PS Khliehriat, Jaintia Hills District, Meghalaya**, have applied for diversion of 4.578 ha. of forest area for the purpose of development of Approach Road to Cement Plant. We, hereby undertake to pay the net present value (NPV) of the above forest land.

(Signature of Applicant)

Date:

Place:

GOLDSTONE CEMENTS LTD.



Authorized Signatory

Countersigned by:

Divisional Forest Officer
Jaintia Hills Territorial Division
Jowai

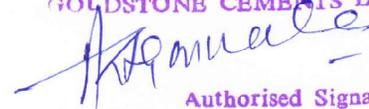
Annexure – XIII (i)

PARAMETERS FOR EVALUATION OF BENEFIT NOT WITHSTANDING LOSS OF FOREST

SL. NO.	PARAMETERS	REMARKS
1.	Production of Cement	For 860,000 tonne of cement produced annually from the plant with following fraction.
		Sale value of the 860,000 tonne of cement products at the prevailing market rate is Rs.516 Crores per annum @Rs.6,000/- per tonne.
2.	No. of population benefited	1200 nos.
3.	Employment potential	300 nos.
4.	Cost of acquisition of facilities wherever feasible	Land is already acquired
5.	Losses of (a) agriculture (b) animal husbandry production due to diversion of forest land.	No loss

(Signature of Applicant)

GOLDSTONE CEMENTS LTD.



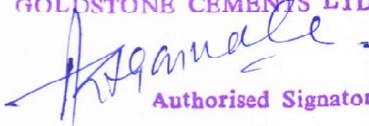
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COMPANY LEASE PROFILE

The details of the land acquired or to be acquired by M/s Goldstone Cements Limited.

Sl. No.	Activities	Area in Ha.	Land Status
1.	Plant Area	51.411	Not forest
2.	Proposed Moosiang Lamare Limestone Mine	68.750	
3.	Proposed Umtyra Limestone Mine	9.9212	Area not inspected
4.	Proposed Umpliang Limestone Mine	70.000	Not finalized
5.	Proposed Pandare Limestone Mine	76.060	Not Finalized

(Signature of Applicant)

GOLDSTONE CEMENTS LTD.

Authorized Signatory



GOLD STONE
CEMENT

CERTIFIED TRUE COPY OF THE RESOLUTION PASSED AT THE MEETING OF BOARD OF DIRECTORS OF GOLDSTONE CEMENTS LIMITED HELD AT CORPORATE OFFICE AT 46C RAFI AHMED KIDWAI ROAD, KOLKATA 700 016 ON 08TH DAY OF NOVEMBER 2013 AT 4:00 PM

RESOLVED THAT , Power of Attorney to be given to Mr. Anil Kumar Agarwal, Project Coordinator, to sign the documents " Relating to submission and processing of Forest Diversion Proposal for Approach road to Cement Plant at Musiang Lamare (Old), Khliehriat, Dist Jaintia Hills, Meghalaya, Pin No 793200 ".

Prakash Kumar More

Prakash Kumar More
Managing Director

UNDERTAKING FOR PAYMENT OF REVISED RATE OF NET PRESENT VALUE OF FOREST AREA.

It is to certify that I, on behalf of **M/s Goldstone Cements Ltd, Village Musiang Lamare(old) PO Khliehriat, PS Khliehriat, East Jaintia Hills Dist, Meghalaya**, have applied for diversion of 4.578 Ha. of forest area for the purpose of development of Approach Road to Cement Plant. We hereby undertake to pay the additional net present value (NPV) if rate is revised of the above forest land.

Date:
Place:

(Signature of Applicant)
GOLDSTONE CEMENTS LTD
[Handwritten Signature]
Authorized Signatory

Counter signed by:

Divisional Forest Officer
Jaintia Hills Territorial Division
Jowai