# **BASANTNAGAR** LIMESTONE MINES KESORAM CEMENT

Kesoram Cement was Established on : 1969.
Mining lease Area : 360.25 Hects.
Forest Land : 230.66 Hects.
Non-Forest : 129.59 Hects.
Mines operations commenced on : 07.10.1967

<b>Total Mineable Reserves</b>	: 59.36 Million Tones
Limestone Excavated (up to 31 <sup>st</sup> March 2011)	: 40.30 Million Tones
<b>Balance Limestone Available</b>	: 19.06 Million Tones
Balance Overburden Available	: 43.71 Million Tones
Limestone : Overburden	: 1:2.42 (Required)
Expected life of the mine	: 11 Years

# AFFORESTATION

Name of the Mine		Basantnagar L	imestone Mines
Name of the Lessee		M/s.Kesoram I	ndustrees Ltd.
Lease area in Ha.			
i) In forest land <u>230.66</u>	ii) In no	n-forest land <u>129.59</u>	iii) Total <u>360.25</u>
I. AFFORESTATION		<u>Within ML</u>	Outside ML
i)	ted	1,96,700	2,20,800
Area Covered (in Ha	a.)	93.15	185.40

#### WASTE DUMP MANAGEMENT

i)	Quantity dumped in tonnes	•	6,88,74,994
ii)	Plan area(and not surface area) Covered by waste dumps(in Ha.)	:	65.28
iii)	Plan area(and not surface area stabilized) Covered (in Ha.)	:	38.30

#### TOP SOIL MANAGEMENT

		Quantity in m <sup>3</sup>
Generated	:	1,03,370
Stacked	:	17,330
Used	:	86,040

## WATER MANAGEMENT

1	Quantity of water pumped during the current year	:	Around 575 Million liters
2	Quality of water discharged	:	Within permissible limit

3	Mode of utilization such as for dust suppression, irrigation or other purposes	:	Dust suppression, To plant
4	Protection measures for control of Air pollution	:	Massive plantation has done along haulage road and Dump yard etc
CON	ITROL OF GROUND VIBRATION		
1.	Ground Vibration Monitoring	:	By outside agency and found within permissible limit
			within permissible mint
ARE	A RECLAIMED :		
ARE 1.	A RECLAIMED : By backfilling	:	16.95 Ha.

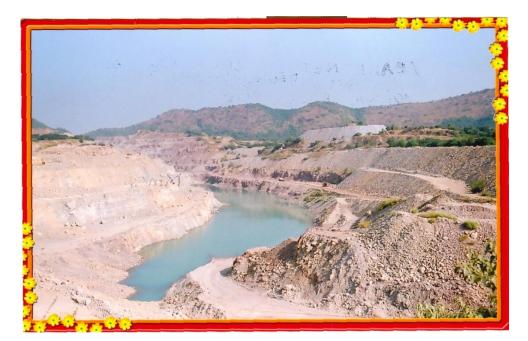
#### GREEN BELT DEVELOPED ON BACKFILLING AREA





GREEN BELT PROGRESS ON BACKFILLING AREA

# BACKFILLING DUMP AT "G" BLOCK



## SYSTAMATIC OVERBURDEN DUMPING WITH TERRACING



## Afforestation on waste dump



#### LAND RECLAMATION & REHABILITATION



#### Park Developed on the Backfilled area



Picnic spot on the inactive Dump yard



# GARDEN DEVELOPED ON WASTE DUMP



#### COMMUNITY DEVELOPMENT



- > VTC training to youth
- Adopted villages by kesoram cement
- Farmers Training Camp
- Cottage industries training camp
- Fruit plants distributed by Kesoram Cement to adopted villages
- > Sewing machines Distributed to nearby villagers
- Sewing Machines training,
- General Medical camp

#### **RURAL DEVELOPMENT ACTIVITIES**

- We have established Agricultural Demonstration Farm a Model Dairy Farm - which educate villagers the modern techniques.
- The Company helps villagers in constructing Community Halls, Temples, Mosques, Churches, Bus Shelters, laying of Roads, digging of Bore Wells etc.
- The villagers are also helped in getting the Pension for Widows and old age pension from Government. Bank loans are organized under self-employment programmes to the unemployed youth.
- Kesoram Cement is also conscious of its Social Responsibilities towards the Community at large.
- We have adopted 12 Villages spread over in 10 Gram Panchayats and having full-fledged Rural Development Wing comprising of Agricultural Officer, Horticulturist and a Veterinary Doctor to look after the development of adopted villages.
- Regular Health Check-up Camps are organized which include Family Welfare Camps, Dental Camps, Major Rural Eye Surgical Camps, Children Immunization Camps etc.
- Farmers Training Programmes are conducted and they are enlightened about better farming methods etc.

# **GREEN BELT DEVELOPMENT**

- Kesoram Cement has been taking up massive tree plantation since inception.
- Till now, more than 8 Lac Trees are planted, which has a survival rate of more than 75%.
- Ours is the greenest Cement Plant and our temperature is always 2°C less than the neighbouring Ramagundam Area.