

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*

Total Mineable Reserves : 59.36 Million Tones

Limestone Excavated : 40.30 Million Tones
(up to 31st March 2011)

Balance Limestone Available : 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 Limestone Mines		
Name of the Lessee			M/s.Kesoram Industrees Ltd.		
Lease area in Ha.					
i) In forest land <u>230.66</u>		ii) In non-forest land <u>129.59</u>		iii) Total <u>360.25</u>	
I. AFFORESTATION			<u>Within ML</u>	<u>Outside ML</u>	
	i)	No. of Sapling planted		1,96,700	2,20,800
		Area Covered (in Ha.)		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 ³
	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..
CONTROL OF GROUND VIBRATION			
1.	Ground Vibration Monitoring	:	By outside agency and found within permissible limit
AREA RECLAIMED :			
1.	By backfilling	:	16.95 Ha.
2.	By Afforestation	:	65.81Ha.
3.	By water reservoir	:	6.00 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

- **Area Reclaimed & Rehabilitated** :88.76 Ha.
- **During the life of the mine** : 296.16 Ha
- **Plantation within ML** : 1,96,700 Nos
- **Survial Rate** : 90%
- **Area covered** : 93.15 Ha.

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.