

The meeting conducted on 4th June 2013 was presided over by Shri S.C. Jain. Following members attended the meeting-

1. Shri K.P. Nyati, Member
2. Dr. Mohini Saxena, Member
3. Prof. V. Subramanian, Member
4. Shri A.P. Srivastava, Member
5. Shri V.R. Khare, Member and
6. Shri R.K. Jain, Member Secretary

The Chairman welcomed all the members of the Committee and thereafter agenda items were taken up for deliberations.

A. Dates for the next Meetings: the 136th, 137th and 138th SEAC meetings were decided to be held on 23rd, 24th & 25th July 2013 respectively.

B. Field visit- It was decided to take up the field visits through a sub-committee as per the tentative program mentioned below:

- o **Katni Region-** to visit the Environment management plan being implemented / planned by the cluster of marble mines and meet the mine operator's association. Visit shall be take up during 3rd week of June. The sub-committee consisting Shri K.P. Nyati, Member SEAC, Shri V. Subramanian, Member SEAc and Shri A.P. Srivastava, Member SEAC.

C. Consideration of the Projects – Following projects were taken up for deliberations one by one:

1. Case No. – 1658/2013 Shri Shrikant Pandey S/o Shri Janardan Pandey, R/oGandhigram, Tehsil – Sihora, Distt. – Jabalpur (M.P.) 483225 **For – ToR** Manganese, Laterite & Iron Ore Mine **Lease Area – 4.67 ha.** at Khasra No.- 348, 350, 443/761, 414, 349, 351, Village - Hirdennagar, Tehsil – Sihora, Distt. – Jabalpur (M.P.) Capacity – 35255 - TPA, Lease Period – 20 Year.**Env. Consultant : J.M. Environet Pvt. Ltd.Gurgaon (Haryana)**

This is mining project in MLA of 4.67 ha. The project is covered under EIA notification hence is required to obtain prior EC from SEIAA. The case was forwarded by SEIAA to SEAC for scoping as per the guidelines of the SEIAA for disposal of mining projects of MLA less than 5.0 Ha. Project proposes mining of Manganese, Laterite & Iron ore hence is considered under category B-1. The presentation and submissions amde by the PP and his consultant reveals following:

- The proposed production capacity of Manganese, Laterite & Iron Ore 35,255 TPA from Hirdenagar Manganese, Laterite & Iron Ore Mine (M.L. Area 4.67 ha) at Village: Hirdenagar, Tehsil: Sihora, District: Jabalpur (Madhya Pradesh).
- LOI has been granted for mining lease in favour of Shri Srikant Pandey for a period of 20 years for mineral Manganese, Laterite & Iron Ore over an area of 4.67 ha near village hirdenagar, District Jabalpur, MP vide letter of intent No. F-3-2/2010/12/2 dated 24.12.2011 issued by DMG, Bhopal.
- The Mining Plan with Progressive Mine Closure Plan has been prepared for production of minerals Manganese, Laterite & Iron Ore from Hirdenagar Manganese, Laterite & Iron Ore Mine (M.L. Area 4.67 ha) under rule 22 (4) of Mineral

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Concession Rules (MCR), 1960 & under rule 23(B) (1) of Mineral Conservation & Development Rules (MCDR), 1988

- Mining plan is approved by Controller of Mines (Central Zone), IBM, Ministry of Mines vide letter no. MP/Jabalpur/Iron Ore/MPLN/G-12/11-12 dated 19.07.2012

SALIENT FEATURES OF THE PROJECT & AREA

PARTICULARS	DETAILS
M.L. Area	4.67 ha (2.66 ha – Govt. Land & 2.01 ha Private Land)
Khasra No	348, 349, 350, 351, 443/761, 414
Village	Hirdenagar
Tehsil	Sihora
District	Jabalpur
State	Madhya Pradesh
Toposheet No.	55 M/15 & 64 A/3
Ecologically sensitive areas: National Park, Wildlife Sanctuary, Biosphere Reserve, Tiger /Elephant Reserve, Reserved / Protected Forest within 10 km radius.	No National Park, Sanctuaries, Biosphere Reserves, Wildlife corridors, Tiger/Elephant Reserves have been reported within 10 km radius of the area. Borha Reserved Forest is reported at about 7.5 km -SE
Nearest River / Water Body	Burhagar Tank~1.5 km in SSW Heran River~ 3.0 km in NNW Karthal Nadi~ 5.5 km in SW
Nearest Town /City	Sihora is nearest major town at a distance of ~ 15.0 km in NNE direction Jabalpur is nearest major city & District headquarter at a distance of ~ 23 km in SSE direction from mine site.
Nearest Railway Station	Gosalpur Railway station at a distance of ~ 3.5 km in ENE direction
Nearest National Highway/ State Highway	NH-7 at a distance of ~ 1.5 km in SE direction.
Nearest Airport	Jabalpur Airport at a distance of ~ 23.0 km in SSE direction.
Proposed Area for Green Belt Development	1.2675 ha
Water Requirement	Total water Requirement = 12.0 KLD Mining and Dust Suppression=5 KLD Green belt/Plantation= 4KLD Drinking and Domestic=3 KLD
Source: The source of drinking water will be purchased from nearby villages.	
Man Power Requirement	17 Persons
Total Cost	Rs. 40 Lacs
Cost for Environment Protection Measures	Rs. 2.0 Lacs per annum

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Cost for CSR Activities

Rs. 2.0 Lacs per annum

Mining Details

Particulars	Details
Method of Mining	Opencast Manual Method
Man Power	17 persons
General Ground Level	380 mRL
Elevation Range	376 mRL - 398 mRL
Water Table in the Area	360 mRL (20 m bgl)
Ultimate Working Depth of Pit	376 mRL(4 m bgl)
Mineable Reserves	21,99,71 tonne
Total waste generation till the end of mine	17736 m3
Life of the Mine	6 Years @ 35255 TPA
Stripping Ratio per tonne of mineral to overburden (Mineral in tonne to waste in m3)	1:0.8 (t:m3)
Bench height	6 m
Bench width	6 m
Ultimate Pit Slope angle	50o
Area converted into water reservoir at the conceptual stage	1.9255 Ha
Area converted into water reservoir at the conceptual stage	1.9255 Ha

Year-wise proposed production as per the Mining Plan:

Year	Manganese, Laterite & Iron Ore (Tonnes)
1 st Year	19848
2 nd Year	14580
3 rd Year	24341
4 th Year	29010
5 th Year	35255

Land: stage wise land use and reclamation area

Land use Category	Present	5th Year	End of life of mine
Top Soil Dump	0.00	0.00	0.00
Waste Dump (External)	0.00	0.3150	0.00
Excavation (Voids Only)	0.0389	1.3292	1.9255
Road	0.009	0.009	0.00
Built Up Area	0.00	0.010	0.00
Township Area	0.00	0.00	0.00
Afforestation	0.00	0.045	1.2675

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Reclamation (Backfilled)	0.00	0.00	0.0
Mineral Storage	0.00	0.00	0.00
Processing (Crushing)	0.00	0.00	0.00
Undisturbed Area	4.6221	2.9618	1.477
Total	4.67	4.67	4.67

Following was also reported by the PP during presentation:

- 1.9255 ha area will be excavated at the end of life of mine which will be converted into water reservoir.
- The Remaining land 1.4777 ha will be left undisturbed.
- No top soil will be generated.
- 17736 m³ of waste generated during conceptual period
- Total waste generated will be used for carpeting along the national highway at a distance of 1.5 km towards South-east after taking local authority permission.
- Total area under plantation/ green belt will be 1.2675 hectares.
- No. of trees proposed to be planted at end of the mine is approx. 1500.

Environmental monitoring – baseline Env. Quality data collection has been started from March 2013 and it was requested by the PP that the same may be allowed to be used in the EIA / EMP report. Committee has agreed for the same subject to the condition that data should not be older than one year.

After deliberations committee has approved the TOR for carrying out EIA and prepare EMP for the project with inclusion of following points:

- Chemical Composition of the mineral proposed to be excavated shall be reported.
- Grades and usage of the minerals proposed to be mined out shall be provided with proposed users of the same.
- Detailed CSR with activity-wise budget break-up to be provided.
- Solid waste (OB) generated is proposed to be used for carpeting along the national highway; supporting evidential documents in this regard to be submitted (Agreement, MoU etc. With the concerned authority).
- Other standard TORs' shall be applicable.

2. Case No. – 1659/2013 Shri Bapulal Suryavanshi S/o Shri Madhuji Suryavanshi, Village – maklakheda, Tehsil – Mahidpur, Distt. – Ujjain (M.P.) 456443 Lease Area – 1.00 ha. Stone/ Boulder Quarry at Khasra No.- 710/2, Village - Maklakheda, Tehsil – Mahidpur, Distt. – Ujjain (M.P.) Capacity – 10,000 Cubic Meter Year, Lease Period – 10 Year.

This is a case of mining of stone / boulder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No.- 710/2, Village - Maklakheda, Tehsil – Mahidpur, Distt. – Ujjain (M.P.)* in **1.0 Ha**. The project requires prior EC before commencement of any activity at site. It was submitted by the PP that after the Project is completed the proposed land will be converted into pond which will be used for irrigation purpose. It is also reported by the PP that no mining is either operating or proposed within 250 meters from the boundary of the proposed mining site.

PP has submitted copies of requisite information in the prescribed formats duly verified from DFO and the Tehsildar. It is reported that the mining shall be carried out on a small hillock of

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about 4-5 meters height. The submissions made by the PP and the EMS submitted are found to be satisfactory and acceptable hence committee has decided to recommend the case for grant of prior EC subject to the following special conditions:

- The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
- The final EMS as proposed by the PP and the budgetary provisions for its implementation shall be approved by the Collector and shall be submitted to SEIAA.
- PP shall be responsible for any discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- Transportation of material shall be done in covered vehicles.
- Curtaining of site shall be done using appropriate media.
- Production of stone shall be *10000 m³/year and the average depth of the pits shall not exceed 7.00m at the end of 10 years.*
- Appropriate arrangement shall be made for storage of materials at site in terms of covered yard.
- Appropriate air pollution control measures shall be placed in compliance to the consent of MPPCB for the proposed crusher.
- The proposed plantation should be carried out along with the mining and PP should take care that these plants attain full growth.
- The validity of the prior EC & the lease shall be for a maximum period of ten years only.
- Transportation shall not be carried out through forest area.
- PP shall take CSR activities in the region through the 'Gram Panchayat'.
- The amount towards land reclamation shall be deposited with the Collector for further execution of the activities under EMP.

3. Case No. – 1660/2013 Shri Neeraj Shrivastva, M/s S.S. Enterprises, 40, APR Colony, Katanga, P.O. – Jabalpur, Distt. – Jabalpur (M.P.) 482001 For – ToR Enhancement in Production Capacity of Gosalpur Laterite, Ochre, Iron Ore, Manganese Mine Lease Area – 39.44 ha. at Khasra No.-, Village - Gosalpur, Tehsil – Sihora, Distt. – Jabalpur (M.P.) Capacity – 10.96 Lakh- TPA, (Existing Capa. -7.5 Lakh- TPA) Lease Period – 20 Year. Env. Consultant : J.M. Environet Pvt. Ltd. Gurgaon (Haryana)

This is a mining project with MLA of 39.44 Ha. The project is covered under EIA notification and hence requires prior EC before commencement of proposed activity. The mine is operating with valid EC and the PP has applied for grant of fresh EC in view of the enhance production capacity as per the revised mining plan. The application has been forwarded by SEIAA to SEAC for scoping so as to determine necessary TOR to carry out EIS studies and prepare EMP. Salient features of the project and various environment related compliances were presented by the PP and his consultant which reveals following:

- The Laterite, Ochre, Iron Ore & Manganese Mine Mining Lease was granted vide letter no F 4-43/2006/12/2 for 20 years i.e. 07/07/2007 to 06/07/2027 to M/s S. S. Enterprises, 40, A.P.R. Colony, Katanga, Jabalpur by state Govt.
- After submission of first mining plan for grant the lease agreement was executed on dated 07/07/2007 and date of first opening was 15/12/2007

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- The land upon entry (Bhu-Pravesh) was granted by Additional Collector on 14/12/2007 after completion of related formality.
- First mining plan was approved vide letter no. MP/Jabalpur/Iron/MPLN/G-10/07-08, Nagpur dated 28/06/2007 under the rule 22 of MCR 1960 for 20,000 tonnes production capacity.
- Later on modified mining plan was approved vide letter MP/Jabalpur/Iron/Modi-04/08-09 dated 18/09/2008 for enhanced capacity of 8,00,000 tonnes under rule 10 of MCDR 1988.
- Environmental clearance for the production of 7,50,000 TPA was granted By SEIAA, Madhya Pradesh vide letter no. 155/EPCO-SEIAA/09 dated 27.07.2009
- Application for the enhancement in production capacity from 7.5 TPA to 10.96 TPA was submitted to SEIAA, Madhya Pradesh on 11.01.2013.
- Scheme of mining was approved vide letter no. MP/Jabalpur/Laterite/M.Sch-13/12-13 dated 20.07.12 under the rule 12 of MCDR 1986.
- Applied for fresh EC in light of following modification:

Existing Capacity	Proposed Expansion	Total Capacity
7.5 Lakh TPA	3.46 Lakh TPA	10.96 Lakh TPA

Salient features of project

Mineral Explored	Laterite, Ochre, Iron Ore, Manganese
ML area	39.44 ha
Mining lease Period	20 years- 07.07.2007 to 06.07.2027
General Ground Level	376 m RL
Elevation Range in the area	368 m RL to 404 m RL
Ultimate Working Depth	358 m RL (18 m bgl)
Mineable Reserves	220.32 lakh tonnes
Life of Mine	20 years @ 10.96 Lakh TPA
Green Belt at conceptual stage	3.645 ha
Ecological Sensitive Areas (National Park, Wild Life Sanctuaries, Biosphere Reserves etc.) within 10 km radius	None within 10 km radius of mine boundary
Water Bodies within 10 km radius of the mine site.	Heran River ~ 1.8 km in NW Burhagar Tank ~4.0 km in SW Karthal Nala ~ 4.5 km in SSW Barne nala 6.0 km in ENE Thoba Nala~ 6.8 km in SSE Barna Reservoir ~ 8.2 km in SE Marnal Reservoir ~ 9.0 km in SE Kanari Nala ~ 9.0 km in N
Nearest Town /City	Sihora is nearest town at a distance of ~ 11.0 km in South direction from mine site.
Nearest Railway Station	Gosalpur is nearest Railway Station, at a distance of ~ 1.5 km in the SSE direction from mine site.
Nearest National Highway/ State Highway	NH-7 at a distance of 0.3 Km in ESE direction of mine site.

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Nearest Airport	Jabalpur Airport, at an aerial distance of ~ 23 km in SSE direction from mine site
Reserved / Protected Forest within 10 km radius	Borha Reserved Forest at a distance of ~7.0 km in SSE direction of mine site.
Archaeological Important Place	None within 10 km radius of mine site
Seismic Zone	Zone – II as per IS: 1893 (Part-I) : 2002
Toposheet No.	55 M/15, 64 A/3
Manpower Requirement	30 Persons
Water Requirement (KLD)	26 KLD
Total Cost for the Project	Rs. 90 lakh
Cost for Environmental Protection Measures	Rs. 5 Lakh
Cost for CSR	Rs. 5.0 Lakh

Year-wise proposed production as per the approved Mining Plan:

	Laterite	Ochre	Iron Ore	Manganese	Total production/year
1st Year	56,700	23,520	4,28,424	22,400	5,31,044
2nd Year	31,752	18,816	10,27,650	17,920	10,96,000
3rd Year	60,480	26,880	9,48,600	25,600	10,61,560
4th Year	61,992	29,232	8,69,550	27,840	9,88,614
5th Year	68,040	27,720	8,56,375	26,400	9,78,535

Mining details

Method of Mining	Opencast Mechanized
Man Power	30 persons
General Ground Level	376 mRL
Elevation Range	368 mRL - 404 mRL
Water Table in the Area	356 mRL (20 m bgl)
Ultimate Working Depth of Pit	358 mRL
Mineable Reserves	220320 27 tonne
Total waste generation till the end of mine	1604670 m ³
Life of the Mine	20 Years @ 10.96 lakh TPA
Stripping Ratio per tonne of mineral to overburden (Mineral in tonne to waste in m ³)	1:0.07 (t:m ³)
Bench height	6 m
Bench width	6 m
Ultimate Pit Slope angle	45°
Total excavated area at the conceptual stage	35.7950 Ha
Water reservoir area at the conceptual stage	12.5750 Ha

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Backfilled area at the conceptual stage	14.22 ha
Bench plantation of the excavated area	9.0 ha

Land use Category	Present (In Ha)	5th Year (In Ha)	At the End of Conceptual Period (In Ha)
Top Soil	-	-	-
Waste dump External	2.160	5.060	-
Mined Out (Total)	4.833	11.825	12.5750
(a) Void (water reservoir)			
(b) Backfilled area plantation on benches	-	-	14.22 9.0
Road	0.050	0.050	-
Built up area	-	0.010	-
Mineral Storage	0.120	0.0	-
Green Belt (a) Barrier Zone & (b) Plantation Benches	0.020	0.090	3.645
Undisturbed area	32.257	22.405	-
Total	39.44	39.44	39.44

Post-Mining (Conceptual) Land Use of Core Zone with Environment Management as per the Mining Plan:

S. No.	Description	Land use (In ha)				
		Plantation	Public Use	Water Body	Undisturbed	Total
1.	Top Soil Dump	-	-	-	-	-
2.	Waste Dump (External)	-	-	-	-	-
3.	a. Excavation (Voids)			12.5750	-	12.5750
	b. Excavation (Backfilled)	14.22	-	-	-	14.22
4.	Roads	-	-	-	-	-
5.	Built up area	-	-	-	-	-
6.	Town Ship Area	-	-	-	-	-
7.	Afforestation					
	a. As barrier zone	3.645				3.645
	b. Plantation at benches	9.00				9.00
8.	Mineral storage	-	-	-	-	-
9.	Undisturbed Area	-	-	-		
Total		26.865		12.5750		39.44

Beside above PP also presented the present status of mining site and the compliances of terms and conditions of EC / Consents. After deliberations committee has approved the TOR to carry out EIA and prepare EMP for the project with inclusion of following points:

- Approved Mining Plan for production capacity of 10.96 lac TPA, shall be submitted along with the EIA.

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- A separate chapter shall be included in the report exclusively detailing out the present status of the mining and compliances of the terms & conditions of all the environment related permissions.
- Complaine reports as above have to be validated by the concerned authorities (MoEf, MPPCB).
- Mineral-wise production figures duly authenticated by the concerned authority from September 2008 to be furnished with the report.
- In light of size of the project proposed further enhancement in the production capacity committee has decided to visit the site and additional TORs' (if any) shall be issued accordingly.
- Other standard TORs' shall be applicable.

4. Case No. – 1662/2013 Shri Bhuvan Singh Bamaniya S/o Shri Sukliya Singh Bamaniya, Village – Deepaki Chouki, P.O. – Borkhed, Tehsil – Alirajpur, Distt. – Alirajpur (M.P.) 457887 Lease Area – 2.00 ha. Sand Quarry at Survey No.- 01, Village – Ramsingh Ki Chouki, Tehsil – Alirajpur, Distt. – Alirajpur (M.P.) Capacity – 18,000 Cubic Meter Year, Lease Period – 02Year.

This is a case of Sand Mining from River Sukkhad at Survey No.- 01, Village – Ramsingh Ki Chouki, Tehsil – Alirajpur, Distt. – Alirajpur (M.P.). The project requires prior EC before commencement of any activity at site. The case was forwarded by SEIAA to SEAC for appraisal and necessary recommendations.

It is reported by the PP that no mining is either operating or proposed within 250 meters from the boundary of the proposed mining site.

PP has submitted copies of requisite information in the prescribed formats duly verified from DFO and the Tehsildar. The submissions made by the PP and the EMS submitted are found to be satisfactory and acceptable hence committee has decided to recommend the case for grant of prior EC subject to the following special conditions:

- The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
- The final EMS as proposed by the PP and the budgetary provisions for its implementation shall be approved by the Collector and shall be submitted to SEIAA.
- PP shall be responsible for any discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- Transportation of material shall be done in covered vehicles.
- Curtaining of site shall be done using appropriate media.
- Production of sand shall be 18000 m³/ year and the average maximum depth shall not exceed 01 meter at the end of two years.
- A buffer zone of at least 05 meters shall be maintained from the bank of the river.
- The proposed plantation should be carried out along with the mining and PP should take care that these plants attain full growth.
- The validity of the prior EC & the lease shall be for a maximum period of two year only.
- Transportation shall not be carried out through forest area.

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- PP shall take CSR activities in the region through the ‘Gram Panchayat’.
- The amount towards land reclamation shall be deposited with the Collector for further execution of the activities under EMP.

5. Case No. – 1666/2013 M/s Rathi Iron & Steel Industries Limited, 103, Laxmi Tower, Ist Floo, 576, M.G. Road, Indore (M.P.) – 452003 For – ToR Expansion of M/s Rathi Iron & Steel Industries Limited at Plot No. – 808 & 808 B, Sector – III, Industrial Area – Pithampur, Distt. – Dhar (M.P.) Proposed Capacity – M S Ingots / Billets – 2,50,000 TPA, Rolling Mill – 2,25,00 TPA, (Existing Capacity - Rolling Mill – 50,000 TPA for production of CTD BARS, TMT, RE BARS, WIRE RODS) Land Area – 75,000 sqm allotted by M.P.A.K.V.N. Indore (M.P.) Env. Consultant: M/s Creative Enviro Services, SR-4, Shriram Kunj, E-8, Bharat Nagar, Bhopal (M.P.)

This is a case of expansion of production capacity of an operational iron & Steel industry beyond the thresh-hold capacity as mentioned in the EIA notification. The project is covered at SN. of the Schedule of EIA Notification. Hence PP has applied for grant of prior EC. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR to carry out EIA / EMP for the project. The project was presented by the PP and his consultant before the committee which reveals following:

Location: 808 A & 808B, Sec-III Industrial Area Pithampur Dist. Dhar M.P. The area is known as Steel Zone and Notified by MPAKVN as an Industrial area.

Existing Capacity

S. No	Unit	Product	Capacity
1.	Rolling Mill Existing	TMT , RE BARS, WIRE Rods	50000 MTPA

Proposed post-expansion production Capacity

S. N	Unit	Product	Capacity
1.	Induction Furnace	Ingots & Billets	2,50,000MTPA
2.	Rolling Mill	TMT , RE BARS, WIRE Rods, Structures	2,25,000 MTPA

Investment - Rs. 90.0 Crores

Surrounding Industries

M/s Bharti Ingots	-	SW
M/s Jaideep Ispat	-	W
M/s Prakash Tube	-	S
M/s Metalman Industry	-	N
Open Land	-	East

Other nearby Industries are reported to be M/s Keser alloys, M/s Anant steel and M/s Shivangi steel

Land use break - up

Total land of factory	75000 sqm	% cover
Existing built up area	15370.26	20.4
Proposed built up area	20000 sqm	26.6
Total built up area existing & proposed	35370.26 sqm	47.0

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Existing Green belt area	12000 sqm	16.0
Proposed Green belt Open area	13000 sqm	17.3
Open Area after expansion	14629.7sqm	19.5

Total Greenbelt area after the expansion is reported to be 33.3%

Raw Material Requirement for the project:

S. N	Raw Material	Per Ton Requirement	Source
1.	MS Scrap	1100 kg	Indigenously Available
2.	Ferro Alloys	10 kg	Indigenously Available
3.	Fluxes	10 kg	Indigenously Available
4.	Refractories Consumable	1700 Tone /set	Indigenously Available

Details of Plant and Machinery- Re heating furnace 15 TPH including Pusher, recuperator, Chimney, blowers, Combustion system, ejector etc., Roughing mill, Intermediate mill, Finishing mill, Post rolling equipments, Water supply system, Lubrication system, Compressed air supply system, LNG supply system, Work shop, Testing laboratory equip and Material handling cranes, Power distribution system, Induction furnace (30 ton per heat) – 3 Nos.

Water Environment

- No process wastewater is reported to generate.
- Only domestic wastewater is being generated.
- Septic tank attached with soak pit is being provided for treatment of domestic waste.

Water requirement and balance: water is reported to be supplied by MPAKVN

Head	Water consumption	Discharge
Cooling	950 kld	Nil
Domestic	20.0 kld	5.0 kld
Total	970 kld	5.0 kld

Waste-water management as proposed:

Head	Wastewater Generation (Liter/day)	Management
Process	No wastewater shall be generated.	No management is required
Industrial	3KLD water shall be generated from softener	Solar evaporation pond
Domestic	3.0 KL/day	Shall be disposed through soak pit inside the plant.

Sources of Air Emission & Control Measures opted:

Sources	Control Equipments
Induction Furnace	Type of hood to capture fumes – Canopy Type Outlet Stack emission system < 50 mg/Nm ³ Type of filter Used – Reverse Pulse Jet cleaning

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RHF	Stack 40m
D. G. Set (500 KVA)	Acoustic Canopy has been installed.

Fume extraction system for Induction Furnace

- Fume extraction system comprises of Swiveling Suction hood to be placed around 800 mm above the crucible of the furnace
- The dust laden fume from the furnace shall be extracted through the suction hood and interconnected duct to a Spark Arrestor and then Bag Filter for separation of dust particles.
- The cleaned gas passes through a ID fan and exhausted through Chimney of height 40m.
- The chimney shall be provided with sampling ports and platform for emission monitoring.

Dust collection system consists of following components:

- ❖ Canopy hood with swivel arrangement, Duct work, Spark arrestor / cyclone separator, Gas cooler, Bag filter, Blower and Stack.

Detail of Waste (Solid /Hazardous)

Source of Generation	Type of Waste	Management
Process	Plant dust, papers etc.	Segregation at source using dust beans and collection at “value yard” selling to local vendor
Process	Iron Slag - (Approx. 200 Tons/month) generated from IF)	Used in landfill by users.

Tentative Budget for Environmental Protection

S. N	Particular	Total Cost (Rs. In Lacs)
1	Air Pollution Control	600.0
2.	Rain water harvesting	3.0
3.	Emission monitoring at source and ambient air quality monitoring	3.0
4.	Green belt development	3.0
5.	Establishment of environmental management cell and environmental monitoring	1.0
	Total expenditure	610.0
6.	Recurring expenditure on environmental management cell and on pollution control system	30.0

CSR Budget:

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S. N	CSR Activity	Fund allocated (Annually)
1	Education/Training to electrical / Mechanical engineers	3,50,000/-
2	Infrastructure development as per demand from MPAKVN.	2,00,000/-
3	Health Check up Camps in Pithampur half yearly	1,50,000/-
5.	Donation for Religious purpose	50,000/-
	Total	7,50,000/-

Baseline Environmental Monitoring: PP has submitted that some of the environmental data as baseline data has already been collected and the remaining monitoring is expected to be completed before monsoon. The data collected so far was also presented before the committee. Committee has allowed the PP to use the data in the final EIA report for preparing the proposed EMP.

After deliberations committee has approved TOR to carry out EIA study and prepare EMP with inclusion of following points:

- Baseline data collected / available for the region can be used in the report only after validation, it should be noted that the data used in the report should not be older than one year.
- Compliance report for compliances of the terms and conditions of the consents of MPPCB has to be submitted after due certification from the M.P. Pollution Control Board.
- Comprehensive scrap management plan (collection, storage, handling etc.) has to be prepared and furnished with the EIA/EMP report.
- Pre-heating of scrap before charging may be explored and a plan to be presented with EIA/EMP.
- In view of the possibility of radioactive material that may be present in scrap being procured from different sources, PP has to develop facility for testing radioactive radiations in the premises.
- Details of all the pollution control measures existing / planned in the Induction Furnace to be furnished.
- Waste-water management to be detailed out along with the treatment systems provided / planned.

6. Case No. – 1669/2013 Smt. Bharti Parashar, W/o Shri Jai Prakash Parashar, 173, Air Port Road, Bhopal (M.P.) 462030 M/s Bharti Parashar Stone Boulder & Murum Mine With Crusher, at Khasra No.- 301/1/1, Village – Manikhedi, Tehsil – Bairasia, Distt. – Bhopal (M.P.) Lease Area – 3.300 ha. Stone Boulder Capacity – 1,00,000 Cubic Meter Year Murum Capacity – 20,000 Cubic Meter Year Lease Period – 10 Year.

This is a case of mining of stone and murrum. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No.- 301/1/1, Village – Manikhedi, Tehsil – Bairasia, Distt. – Bhopal (M.P.)* in **3.300 Ha**. The project requires prior EC before commencement of any activity at site. It was submitted by the PP that after the Project is

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completed the proposed land will be converted into pond which will be used for irrigation purpose. It is also reported by the PP that no mining is either operating or proposed within 250 meters from the boundary of the proposed mining site.

PP has submitted copies of requisite information in the prescribed formats duly verified from DFO and the Tehsildar. The submissions made by the PP and the EMS submitted are found to be satisfactory and acceptable hence committee has decided to recommend the case for grant of prior EC subject to the following special conditions:

- The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
- The final EMS as proposed by the PP and the budgetary provisions for its implementation shall be approved by the Collector and shall be submitted to SEIAA.
- PP shall be responsible for any discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- Transportation of material shall be done in covered vehicles.
- Curtaining of site shall be done using appropriate media.
- Production of stone shall be restricted up to $17000\text{ m}^3/\text{year}$ & that of Murrum shall be $3000\text{ m}^3/\text{Year}$ only and the average depth of the pits shall not exceed 7.00m at the end of 10 years.
- Appropriate arrangement shall be made for storage of materials at site in terms of covered yard.
- Appropriate air pollution control measures shall be placed in compliance to the consent of MPPCB for the proposed crusher.
- The proposed plantation should be carried out along with the mining and PP should take care that these plants attain full growth.
- The validity of the prior EC & the lease shall be for a maximum period of ten years only.
- Transportation shall not be carried out through forest area.
- PP shall take CSR activities in the region through the 'Gram Panchayat'.
- The amount towards land reclamation shall be deposited with the Collector for further execution of the activities under EMP.

7. Case No. – 1673/2013 M/s Madhya Bharat Phosphate Pvt. Ltd. (Unit – III), through Director Shri Naresh Khilrani, E-7/80, Arera Colony, Bhopal (M.P.) – 462016 M/s Madhya Bharat Phosphate Pvt. Ltd (Unit – III), Village – Dewanganj, Tehsil – Raisen, Distt. – Raisen (M.P.) Manufacturing of SSP Capacity = 195000 TPA or 650 TPD (Granulated). **Env. Consultant: Not disclosed. For – ToR**

This is a SSP fertilizer plant proposed in a private land at Deewanganj, District Raisen (M.P.). The project is covered under EIA notification, mentioned at SN 5(a) of the schedule of the said notification. Hence require prior EC before commencement of any activity at site. The application was forwarded by SEIAA to SEAC for scoping so as to determine TOR for the project. The project is proposed in a private land which is reported to be diverted for industrial use. Public Hearing has to be carried out before submission of final EIA. The case was presented by the PP and his consultant before the committee, which reveals following salient features of the project:

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Land details & location of the project:

S. N	Particulars	Details
1	Location of the Plant	Kharasa No: 189 Dewanganj Tehsil- Raisen Dist- Raisen (MP)
2	Latitude & Longitude	23°24'54.26" & 77°33'26.57"
3	Nature/Size of the Plant	650 TPD of Granulated Super Phosphate
4	Total land	Total Land : 5.85 Acres Built Up area of Plant – 8208 Sq mt
5	Land Ownership	Owned
6	Diversion	Completed

Features within 10 km radius:

S. No.	Particulars	Details
3	Nearest Settlement	Dewanganj - 2.30km
4	Nearest Railway Station	Diwanganj - 3.90km
5	Nearest Airport	Bhopal - 26.60km
6	Nearest Highway	Bhopal- Vidisha Highway- 1 km - NW
7	Nearest Village	Dewanganj - 2.30km
8	Hills/Valley	None within 10km radius
9	Ecological Sensitive Zone	None within 10km radius
10	Historical Place	None within 10km radius
11	Nearest River/ Nalla	Halali Water Reservoir – 7.70km – NW Halali River - 7.0km - W

Land area statement for proposed project

Main Plant Room	8208 m ²
Internal Road	6336.05 m ²
Weighing Scale / acid tank / Scrubbing Unit / chimney	296 m ²
Security time office/lab/store/other	248 m ²
DG Room	300 m ²
Green belt	8285.86 m ²
TOTAL	23673.91 m² (5.85 Acres)

Salient features of the project

Particular	Details
Production Capacity	650 Granulated SSP TPD
Rock Phosphate Requirement	390 Tonne per day
Sulphuric Acid Requirement	312 Kl per day
Water Requirement	320 KLPD
Source of raw Water	Ground water
Power Requirement	940 KW
Source of Power	MPSEB
Alternative Source of Power	DG set of 1000 KVA
Height of Stack	48 mt

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Land acquired	5.85 acres
Employment generation	125
Solid Waste	Silica Sludge- 0.58 TPD
Pollution Control Equipments	04 stage scrubbers at Mixer Pulse jet dust collector at Ball Mill Twin Cyclone at GSSP section

Various sources of air and water pollution were presented along with the proposed mitigation measures. After deliberations committee has approved the **TORs'** to carry out EIA study and prepare EMP for the project with inclusion of following points:

- Public Hearing shall be conducted as per the provisions of EIA notification.
- Details of land and all the activities proposed in the project shall be disclosed in the Public Hearing.
- The Public Hearing panel shall give clear recommendation whether the proposed project should be allowed or not with appropriate justifications.
- Analyses of Uranium shall be reported in the raw material proposed to be used in the industry.
- Permission for abstraction of ground water shall be obtained from the competent authority and furnished along with the EIA report.
- Detailed CSR including the welfare of nearby villages has to be submitted with budgetary provisions.

8. Case No. – 1663/2013 Shri Vineet Kumar Singh S/o Shri Dharamveer Singh, Adampur, Tehsil – Charkhi Dadri, Distt. – Bhiwani (Haryana) – 127310 Lease Area – 4.00 ha. Stone/ Boulder Quarry at Khasra No.- 1331, Village - Katheri, Tehsil – Sarai, Distt. – Singrauli (M.P.) Capacity – 10,000 Cubic Meter Year, Lease Period – 10 Year.

This is a case of mining of stone / boulder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No.- 1331, Village - Katheri, Tehsil – Sarai, Distt. – Singrauli (M.P.)* in **4.0 Ha**. The project requires prior EC before commencement of any activity at site. It was submitted by the PP that after the Project is completed the proposed land will be converted into pond which will be used for irrigation purpose. It is also reported by the PP that no mining is either operating or proposed within 250 meters from the boundary of the proposed mining site.

PP has submitted copies of requisite information in the prescribed formats duly verified from DFO and the Tehsildar. The submissions made by the PP and the EMS submitted are found to be satisfactory and acceptable hence committee has decided to recommend the case for grant of prior EC subject to the following special conditions:

- The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
- The final EMS as proposed by the PP and the budgetary provisions for its implementation shall be approved by the Collector and shall be submitted to SEIAA.
- PP shall be responsible for any discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- Transportation of material shall be done in covered vehicles.
- Curtaining of site shall be done using appropriate media.

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- Production of stone shall be $10000\text{ m}^3/\text{year}$ and the average depth of the pits shall not exceed 7.00m at the end of 10 years.
- Appropriate arrangement shall be made for storage of materials at site in terms of covered yard.
- Appropriate air pollution control measures shall be placed in compliance to the consent of MPPCB for the proposed crusher.
- The proposed plantation should be carried out along with the mining and PP should take care that these plants attain full growth.
- The validity of the prior EC & the lease shall be for a maximum period of ten years only.
- Transportation shall not be carried out through forest area.
- PP shall take CSR activities in the region through the 'Gram Panchayat'.
- The amount towards land reclamation shall be deposited with the Collector for further execution of the activities under EMP.

9. Case No. – 1668/2013, Smt. Taiyyaba Bee W/o Shri Ayyub Mev, Lal Bahadur Shastri Marg, Village – mahupura, Distt. – Shajapur (M.P.) 465001 Lease Area – 2.00 ha. Stone/ Boulder Quarry at Khasra No.- 01, Village – Pipalya Naulay, Tehsil – Moman Badodia, Distt. – Sajapur (M.P.) Capacity – 3,000 Cubic Meter Year, Lease Period – 10 Year.

This is a case of mining of stone / boulder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No.- 01, Village – Pipalya Naulay, Tehsil – Moman Badodia, Distt. – Sajapur (M.P.)* in **2.0 Ha**. The project requires prior EC before commencement of any activity at site. It was submitted by the PP that after the Project is completed the proposed land will be converted into pond which will be used for irrigation purpose. It is also reported by the PP that no mining is either operating or proposed within 250 meters from the boundary of the proposed mining site. PP has submitted copies of requisite information in the prescribed formats duly verified from DFO and the Tehsildar. The submissions made by the PP and the EMS submitted are found to be satisfactory and acceptable hence committee has decided to recommend the case for grant of prior EC subject to the following special conditions:

- The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
- The final EMS as proposed by the PP and the budgetary provisions for its implementation shall be approved by the Collector and shall be submitted to SEIAA.
- PP shall be responsible for any discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- Transportation of material shall be done in covered vehicles.
- Curtaining of site shall be done using appropriate media.
- Production of stone shall be $3000\text{ m}^3/\text{year}$ and the average depth of the pits shall not exceed 7.00m at the end of 10 years.
- Appropriate arrangement shall be made for storage of materials at site in terms of covered yard.
- Appropriate air pollution control measures shall be placed in compliance to the consent of MPPCB for the proposed crusher.

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- The proposed plantation should be carried out along with the mining and PP should take care that these plants attain full growth.
- The validity of the prior EC & the lease shall be for a maximum period of ten years only.
- Transportation shall not be carried out through forest area.
- PP shall take CSR activities in the region through the 'Gram Panchayat'.
- The amount towards land reclamation shall be deposited with the Collector for further execution of the activities under EMP.

10. Case No. – 1674/2013 Shri Laxman Singh Baghel S/o Shri Ditu Singh Baghel, Sutrar Mohalla, Tehsil – Khukshi, Distt. – Dhar (M.P.) - 454331 Lease Area – 2.00 ha. Stone/ Boulder Quarry at Khasra No.- 30, Village – Tana, Tehsil – Kukshi, Distt. – Dhar (M.P.) Capacity – 4800 Cubic Meter Year, Lease Period – 10 Year

This is a case of mining of stone / boulder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No.- 30, Village – Tana, Tehsil – Kukshi, Distt. – Dhar (M.P.)* in **2.0 Ha**. The project requires prior EC before commencement of any activity at site. It was submitted by the PP that after the Project is completed the proposed land will be converted into pond which will be used for irrigation purpose. It is also reported by the PP that no mining is either operating or proposed within 250 meters from the boundary of the proposed mining site.

PP has submitted copies of requisite information in the prescribed formats duly verified from DFO and the Tehsildar. The submissions made by the PP and the EMS submitted are found to be satisfactory and acceptable hence committee has decided to recommend the case for grant of prior EC subject to the following special conditions:

- The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
- The final EMS as proposed by the PP and the budgetary provisions for its implementation shall be approved by the Collector and shall be submitted to SEIAA.
- PP shall be responsible for any discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- Transportation of material shall be done in covered vehicles.
- Curtaining of site shall be done using appropriate media.
- Production of stone shall be $4800\text{ m}^3/\text{year}$ and the average depth of the pits shall not exceed 7.00m at the end of 10 years.
- Appropriate arrangement shall be made for storage of materials at site in terms of covered yard.
- Appropriate air pollution control measures shall be placed in compliance to the consent of MPPCB for the proposed crusher.
- The proposed plantation should be carried out along with the mining and PP should take care that these plants attain full growth.
- The validity of the prior EC & the lease shall be for a maximum period of ten years only.
- Transportation shall not be carried out through forest area.
- PP shall take CSR activities in the region through the 'Gram Panchayat'.

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- The amount towards land reclamation shall be deposited with the Collector for further execution of the activities under EMP.

11. Case No. – 1675/2013 Smt. Subhasini Bhargava W/o Shri Subodh Bhargava, Village – Dillod, Tehsil – Bairasia, Distt. – Bhopal (M.P.) 463101 M/s Subhasini Bhargava Stone Boulder & Murum Mine With Crusher at Khasra No.- 301/1/1, Village – Manikhedi, Tehsil – Bairasia, Distt. – Bhopal (M.P.) Lease Area – 3.202 ha. Stone Boulder Capacity – 1,00,000 Cubic Meter Year Murum Capacity – 20,000 Cubic Meter Year Lease Period – 10 Year.

This is a case of mining of stone and murrum. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Khasra No.- 301/1/1, Village – Manikhedi, Tehsil – Bairasia, Distt. – Bhopal (M.P.) in 3.202 Ha. The project requires prior EC before commencement of any activity at site. It was submitted by the PP that after the Project is completed the proposed land will be converted into pond which will be used for irrigation purpose. It is also reported by the PP that no mining is either operating or proposed within 250 meters from the boundary of the proposed mining site.

PP has submitted copies of requisite information in the prescribed formats duly verified from DFO and the Tehsildar. The submissions made by the PP and the EMS submitted are found to be satisfactory and acceptable hence committee has decided to recommend the case for grant of prior EC subject to the following special conditions:

- The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
- The final EMS as proposed by the PP and the budgetary provisions for its implementation shall be approved by the Collector and shall be submitted to SEIAA.
- PP shall be responsible for any discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- Transportation of material shall be done in covered vehicles.
- Curtaining of site shall be done using appropriate media.
- Production of stone shall be restricted up to 17000 m³/year & that of Murrum shall be 3000 m³/Year only and the average depth of the pits shall not exceed 7.00m at the end of 10 years.
- Appropriate arrangement shall be made for storage of materials at site in terms of covered yard.
- Appropriate air pollution control measures shall be placed in compliance to the consent of MPPCB for the proposed crusher.
- The proposed plantation should be carried out along with the mining and PP should take care that these plants attain full growth.
- The validity of the prior EC & the lease shall be for a maximum period of ten years only.
- Transportation shall not be carried out through forest area.
- PP shall take CSR activities in the region through the ‘Gram Panchayat’.
- The amount towards land reclamation shall be deposited with the Collector for further execution of the activities under EMP.

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12. Case No. – 1068/2013 Shri Jitendra Kumar Kushwaha, Aadarsh Nagar Colony, P.O. – Katni (M.P.) Bhatara Lime Stone Mine Crusher at Khasra No.- 39/2, 39/2, 39/3,39/4, 39/5, Village – Bhatara, Tehsil – Maihar, Distt. – Satna (M.P.) Lease Area – 16.288 ha. proposed capacity – 4,00,000 MT/ Year Existing Capacity – 50,000 Cubic Meter Year Lease Period – 10 Year. Env. Consultant : Grass Roots Research & Creation India (P) Ltd. Noida (U.P.)

This is a case of mining of limestone with proposed production capacity of 4.0 Lac MT/Year. Earlier the case was scheduled for hearing in the 118th meeting dated 02/02/2013, whereby the case was withdrawn by the PP in view of revised production capacity. The revised application was received from SEIAA and placed before the committee in this meeting. The salient features of the project were presented by the PP and his consultant. It was reported by the PP that in view of coming monsoon collection of baseline data has already been started from February 2013 it was requested by the PP to allow them to use the collected data in the report, the same was allowed by the committee. The submissions and the presentation reveals following:

- Originally the lease was granted to M/s. Bafati & Co. for a period of 20 years from 04.12.1972 to 03.12.1992. The ML area was renewed for further 20 years.
- The ML was transferred to present lessee vide state govt. order dated 19.06.2003
- The lessee has applied for renewal of mining lease.

Location	Village : Bhatara, Taluka : Maihar District : Satna
Total Area	16.288 ha
Private Non- Forest Land	Private Non- Forest Land
Cost of the Project	Rs.1.0 Crores
Employment Generation	163
Mining Plan	Approved by IBM in December 2012.

- Road: The lease area can be approached from Maihar via Bhadanpur village. The lease area is approachable by Satna-Maihar – Kymore road upto Bhatara village which is 33km from Maihar
- Railway Station: The nearest rail head is Maihar at a distance of about 33 km
- Airport: Jabalpur 190 Km & Khajuraho 175 km
- Nearest Town: Kymore – 7km west , Maihar : About 33 Km
- Dist. Headquarter: Satna – About 93 Km
- Elevation - Highest: 413 m M.S.L, Lowest: 408 m M.S.L.
- Ultimate depth of Mining: Up to 375m RL
- General Slope: The lease area is undulating having gentle slope towards South
- Ground water table: 370 m to 375 m RL
- Latitude: 24⁰05'17.4" to 24⁰05'41.8" North and Longitude: 80⁰40'19.1" to 80⁰40'41.8" East

Environmental Settings

- Reserved Forest : Hardua R.F (8.5 km in SSE) and Banjara R.F (9.5 km in SSW)
- Dense mixed jungle: 8.0 km in NW.

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- Open Mixed Jungle: 7.5 km in South, 9 km in North-East & 0.50 Km North West
- Tons /Tamasa River: 4.5 km in North-West and Choti Mahanadi river: 11 km in South-West

Salient Features of Mining

Mining Methodology		Opencast other than fully mechanized
Total Mineral Reserve		5.80 Million Tons
Total Waste Generation		8000 MT/month
Max. Rate of Production		4,00,000 MTPA
Anticipated Life of Mine		19 year
Water Requirement		
Activity	Water requirement	Source
Dust suppression & Various mining activities	18 m ³ /day (Additional 2 cum of domestic waste water)	Mine Sump and Ground water from dug wells / bore wells
Green belt	3.5 m ³ /day	
Domestic	4.50 m ³ /day	
Total	26 m ³ /day	

After deliberations committee has approved the TOR to carry out EIA and prepare EMP with inclusion of following points:

- EIA shall be composite including the impacts of other existing / proposed mines in the region.
- Baseline data should be latest & not older than one year.
- Additional AAQ monitoring shall be conducted at the boundaries falling towards forests.
- Plan to prevent run-offs from mining site into the river Tamas and other water bodies has to be presented in EIA / EMP report.
- Other standard TORs' shall be applicable.

13. Case No. -1672/2013 Shri Santosh Singh Jat & Neeraj Pachori, Shop No. – 6, Hanuman Mandeer, Karound Chouraha, Bhopal (M.P.) - 462088 Santosh Singh Jat & Neeraj Pachori Stone Mine at Khasra No. – 346, Village – Pardi, Tehsil – Bairasia, Distt. – Bhopal (M.P.) Lease area- 4.0 Ha and prod. Capa- 40000 T/ Year. lease period- 10 years.

This is a case of mining of stone / boulder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No.- 710/2, Village - Maklakheda, Tehsil – Mahidpur, Distt. – Ujjain (M.P.)* in **4.0 Ha**. The project requires prior EC before commencement of any activity. It was submitted by the PP that after the Project is completed the proposed land will be converted into pond which will be used for irrigation purpose. It is also reported by the PP that no mining is either operating or proposed within 250 meters from the boundary of the proposed mining site.

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Member SEAC

(A.P. Srivastava)
Member SEAC

(R.K. Jain)
Member Secretary

PP has submitted copies of requisite information in the prescribed formats duly verified from DFO and the Tehsildar. It is reported that the mining shall be carried out on a small hillock of about 4-5 meters height. The submissions made by the PP and the EMS submitted are found to be satisfactory and acceptable hence committee has decided to recommend the case for grant of prior EC subject to the following special conditions:

- The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
- The final EMS as proposed by the PP and the budgetary provisions for its implementation shall be approved by the Collector and shall be submitted to SEIAA.
- PP shall be responsible for any discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- Transportation of material shall be done in covered vehicles.
- Curtaining of site shall be done using appropriate media.
- Production of stone shall be *40000 m³/ year and the average depth of the pits shall not exceed 7.00m at the end of 10 years.*
- Appropriate arrangement shall be made for storage of materials at site in terms of covered yard.
- Appropriate air pollution control measures shall be placed in compliance to the consent of MPPCB for the proposed crusher.
- The proposed plantation should be carried out along with the mining and PP should take care that these plants attain full growth.
- The validity of the prior EC & the lease shall be for a maximum period of ten years only.
- Transportation shall not be carried out through forest area.
- PP shall take CSR activities in the region through the 'Gram Panchayat'.
- The amount towards land reclamation shall be deposited with the Collector for further execution of the activities under EMP.

14. Case No. – 641/2011 M/s Suryavansham Mining & Minerals Pvt. Ltd., 67/2, Patrakar Colony, Indore (M.P.) – 5.0 ha. at Village- Mansakra, Tehsil- Sihora, Distt. – Jabalpur – (M.P.) Expansion of production capacity of Mineral: 5000 MTPA Manganese Ore to 9.0 lac TPA Manganese Ore, Iron Ore & laterite , Lease area Env. Consultant – Creative Envirotech Bhopal. ToR issued letter no. 315 dt. 22.06.13. For- EIA Presentation.

This is an operational mine having valid EC for production of 5000 MTPA of Manganese Ore. EC has been granted vide letter No. 166/EPCO-SEIAA/09 dtd. 27.07.09. It was submitted by the PP that during past mining, occurrence of Iron ore & Laterite was also found along with Mn Ore. Accordingly the Mining Plan was revised for expanded production capacity and additional minerals. The application has been submitted to obtained Environmental Clearance for Expansion in mining Capacity from 5000 TPA to 5,00,000 TPA along with the mining of other minerals i.e. Laterite & Iron Ore in addition to Manganese Ore. The EIA report was forwarded by SEIAA to SEAC for appraisal. The project was presented by the PP and his consultant before the committee which reveals following:

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Member SEAC

(A.P. Srivastava)
Member SEAC

(R.K. Jain)
Member Secretary

Location and Approach

- Site : Village Mansakra
- Tehsil : Sihora
- District : Jabalpur
- Location : Toposheet No. 64 A/3
- Khasra No : 199
- Latitude : 23⁰29'55"N
- Longitude : 80⁰07'30"E
- Road Connectivity: Jablapur - Sihora (NH – 7)

Public Hearing Details

- ❖ Public hearing was conducted on 15.03.2013, the mine site at village Mansakra, Chaired by ADM, Jabalpur.
- ❖ 90 people have attended the hearing and observed that people of nearby areas are in favour of mining project and its expansion as they are getting employment from it. Seven of them registered their opinion in writing.
- ❖ It was reported that the issues raised were duly addressed and clarified
- ❖ No adverse comments have been observed / received during the Public Hearing.

Reported Mineral Reserve as per UNF Classification

UNFC	UNFC Code	Mn (t)	Iron Ore (t)	Laterite (t)
Proved Minerals Reserve	111	-	-	-
Probable Mineral Reserve	122	66446	3003590	73016
Feasibility Mineral Resource	211	-	-	-
Pre- Feasibility Mineral Reserve	222	5994	1267491	1596
Measured Mineral Resources	331	-	-	-
Indicated Mineral Resources	332	-	-	-
Inferred Mineral Resources	333	-	-	-

Production schedule –

- Mining capacity – 5,00,000 TPA.
- Total handing/ ROM ore- 5,25,000 TPA.
- OB/ waste handing – 25,000 TPA.
- Rate of production – 5,00,000 TPA.
- Grade control/ blending – the grade will be controlled by suitable blending from different faces of quarry.

Chemical composition of the minerals as reported is as follows:

Manganese Ore- Mn – 33.60 %

Iron ore- Fe₂O₃ - 77.70% and Al₂O₃ - 5.99%

Laterite - Fe₂O₃ - 58.60% and Al₂O₃ - 7.26%

Manganese ore shall be sold to ferro alloy industries and the Iron shall be sold to sponge iron plants.

Mining Method

Mining Method	The method of mining is open cast mechanized.
Drilling Operation	Depth of drill hole – 1.5 m ; diameter of blast hole – 32-34 mm (wet drilling shall be used)
Blasting operation	Muffled Blasting shall be done. Single row blasting of maximum

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	10 holes with each hole charge of 450gms.
Explosive to be used	Special Gelatine / ANFO
Disposal of Mine Waste	Mine waste mainly lateritic soil will be used for reclamation of already excavated area over an area.

Salient features of the project:

Study Area	Within 10km radius around the lease area
Production capacity	5, 00,000 TPA. (ToR issued for 9.0 lacs TPA but as per available reserve the mining capacity will be restricted to 5.0 Lacs TPA only)
Method of Mine	Opencast Mechanized
Lessees	Manish Nayak (Director), Suryawansham Mine & Minerals Pvt. Ltd. 67/2 Patrakar Colony, Indore
Land Occupancy	Govt. Waste Land
Status of EC	EC has been granted for the production capacity of 5000 MTPA vide letter No. 166/EPCO-SEIAA/09 dtd. 27.07.09.
Status of Consent	Water / Air Consent Valid upto 15/01/2014
Toposheet No.	64 A/3
Latitude & Longitude	(23030'02"N, 80007'33" E)
Nearest City	Sihora – 03 km
Nearest Village	Mansakra 0.5 km
Nearest AirPort	Jabalpur- 44.0 km
Nearest River	Hiren River 6.9 km in SE Direction
Nearest Railway Station	Sihora Road 3.6 km
National Park/ Heritage site	None in 10 km radius
Other mine within 2 km radius	Three other mine

It was submitted by the PP that pointwise compliance report of the existing EC has been submitted to the R.O of MoEF. The same was presented and discussed in the meeting. The validated report from MoEF is yet to be received.

Environment Management Plan:**Air pollution control measures**

Source	Control Measures
Truck Movement	No Over Loading. Truck shall be covered with tarpaulin while transporting ore, Enforcing speed limit. Regular Monitoring of the Exhausts Proper maintenance of trucks

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Waste Dumps	Dumps will be adequately sloped. The non active sides of the dumps will be vegetated with fast growing grasses.
Haul Road	Regular Water sprinkling by tanker mounted truck
Mine working areas	Regular water spraying in the working area. Green belt surrounding to the lease area. Wet drilling or dust extractors to be provided. Personnel protective equipment like dust mask, ear muffs/plugs and goggles will be provided to workers.

Water Pollution Control Measures

Impact on Drainage Pattern:

There are no water bodies in the mining lease area. There is neither rainwater catchment tank in the vicinity of the mining project nor any river. Hence, impact on the surface water drainage is not envisaged.

Impact on the surface water quality:

No waste water is being generated during the mining operations. The waste water generated due to domestic usages shall be taken to the septic tank attached with soak pit. Garland drains are being provided to all overburden and topsoil dumps.

Impact on ground water quality:

The mineral constitutes of inert and chemically non reactive ingredients & do not contains any toxic chemicals, which can leach down to the water level. Therefore possibility of adverse impact on the ground water is insignificant.

Noise Pollution Control Measures

- Maintenance of Jack Hammer
- Provision of ear muffs to drill operators as a measure to protect their ears
- Plantation in and around the Mine
- Proper gradient of haul road to reduce cumulative noise level
- To carry out noise surveys during different seasons at the mine
- To reduce the noise and vibration while blasting, proper charging and stemming of blast holes is done which also reduce the flying fragments.

Budget for Environmental Protection

S.No.	Particular	Capital cost (Rs.)	Recurring cost (Rs)
1.	Dust suppression	5,00,000.00	1,25,000.00
2	Environmental monitoring		1,50,000.00
3	Green belt development	3,85,000.00	77,000.00
4	Dump rehabilitation		50,000.00
5	Back filling		50,000.00

Budget for CSR

S. No	Particulars	Annual Budget
1	Health Check up Camps in nearby areas	50,000/-
2.	Village Road Construction as per demand from Panchayat	50,000/-

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3.	Repairing of School Building of Manskara Village	20,000/-
4.	Arrangement for Drinking water facility in Mansakra	25,000/-
5.	Free Distribution of School Books for Children	10,000/-
6.	Yago Camps	25,000/-
7.	Campaign against liquor addiction	10,000/-
	Total	1,90,000/-

The presentation and the submissions made by the PP were found to be satisfactory and acceptable, hence the case was recommended for grant of prior EC subject to the following special conditions:

- The compliance report shall be obtained from MoEF and submitted to SEIAA.
- PP shall abide with the recommendations of compliance report as may be suggested by MoEF.
- The EC shall be valid for maximum production capacity of 5.0 lac TPA only; further enhancement shall require revision of the EC.
- Controlled blasting shall be carried out strictly as per the pre-planned and pre-announced schedule.

15. Case No. – 1145/2013 Shri Rakesh Kumar Jain, Post – Sahajpur, Tehsil – Patan, Distt. - Jabalpur (M.P.) – 482001 Dolomite & Soapstone Mining Lease, Lease Area – 0.960 Ha., at Khasra No. – 115, Village – Dulhankheda, Tehsil – Patan Distt. – Jabalpur (M.P.) Capacity – 5259 TPA, Lease Period – 20 Year. Env. Consultant – J.M. Enviro Net Pvt. Ltd. Gurgaon (Haryana) ToR issued letter no. 439 dt. 22.04.13. For- EIA Presentation.

The submitted EIA report was found to be incomplete and not up to the mark. The data used in the report requires re-validation hence PP was asked to review the EIA / EMP report and re-submit the same at the earliest. PP shall be called upon for presentation after the receipt of revised report.

16. Case no. 656/2011 - Mr. Sanjay Goyal, President, 11/2 Meerapath- Indore (M.P.) – 452003 - Building Construction Project. Group Housing Project " M/s Lakshman Nagar Griha Nirman Sahakari Sanstha Samiti " at Village – Khajrana, Kanadia Road Khasra No., Tehsil & Distt.- Indore (M.P.) Plot area – 5,99,226.89 m², Built Up area – 1,04,138.37 m² (Case was discussed 116th SEAC Meeting dated 15th Jan13) Env. Consultant : Grass Roots Research & Creation India (P) Ltd. Noida (U.P.) Query response presentation

This is a Group Housing Project covered under the provisions of EIA Notification as item 8 of the schedule of the notification. Hence the project requires prior EC before commencement of activity at site. The application was forwarded to SEAC from SEIAA for appraisal. The case was presented and discussed in the 116th SEAC meeting dated 15/01/2013. After deliberations PP was asked to submit response to the following queries:

- Location of School and other features to be depicted on a map and submitted.
- It was reported that a site office and a block has been constructed at site. Committee has decided to visit the site to verify the facts.

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- Service related entry should be separate the same may be reviewed and presented.
- Compliances of 'Bhoomi Vikas Niyam-2012' have to be ensured in the plan.

Certain queries such as land details of the adjoining land parcels and lay out features were not clear hence the PP was asked to present the case after submission of response to all the queries. The response from PP was received and accordingly the PP was called upon for presentation on the query response. The presentation and submissions made by the PP were found to be satisfactory and acceptable. However, committee has asked the PP to submit following details at the earliest:

- Exact technology & the details thereby for the STP finalized for the project.
- Cost of EMP including the STP, MSW management etc. to be worked out and submitted.
- Source of the funds for execution of EMP i.e. provision of corpus funds etc..
- Permission / NOC from Indore Municipal Corporation for disposal of MSW.
- An affidavit with commitment for demolishing the temporary structures found at site during visit of sub-committee.

17. Case No. – 1561/2013 2013 Smt. Nirmala Dwivedi W/o Shri Narendra Dwivedi, Village – Ramkuli, Tehsil – Huzur, Distt. – Rewa (M.P.) – 486001 (CF 133 SEAC Meeting dt. 15/05/13) Stone / Boulder Quarry Lease Area – 0.203 ha. at Survey No.- 346/7, Villegge – Dadi, Tehsil – Huzur, Distt. – Rewa (M.P.) Capacity – 3,000 MT, Lease Period – 10 Years.

This is a case of mining of stone / boulder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at Survey No. - 346/7, Villegge – Dadi, Tehsil – Huzur, Distt. – Rewa (M.P.) in 0.203 Ha. The project requires prior EC before commencement of any activity. It was submitted by the PP that after the Project is completed the proposed land will be converted into pond which will be used for irrigation purpose. It is also reported by the PP that no mining is either operating or proposed within 250 meters from the boundary of the proposed mining site.

PP has submitted copies of requisite information in the prescribed formats duly verified from DFO and the Tehsildar. The submissions made by the PP and the EMS submitted are found to be satisfactory and acceptable hence committee has decided to recommend the case for grant of prior EC subject to the following special conditions:

- The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
- The final EMS as proposed by the PP and the budgetary provisions for its implementation shall be approved by the Collector and shall be submitted to SEIAA.
- PP shall be responsible for any discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- Transportation of material shall be done in covered vehicles.
- Curtaining of site shall be done using appropriate media.
- Production of stone shall be 1250 m³/year and the average depth of the pits shall not exceed 7.00m at the end of 10 years.
- Appropriate arrangement shall be made for storage of materials at site in terms of covered yard.
- Appropriate air pollution control measures shall be placed in compliance to the consent of MPPCB for the proposed crusher.

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- The proposed plantation should be carried out along with the mining and PP should take care that these plants attain full growth.
- The validity of the prior EC & the lease shall be for a maximum period of ten years only.
- Transportation shall not be carried out through forest area.
- PP shall take CSR activities in the region through the 'Gram Panchayat'.
- The amount towards land reclamation shall be deposited with the Collector for further execution of the activities under EMP.

18. Case No. – 1297/2013 Shri Arun Kumar Kyaal S/o Mr. Shantilal Kayal, Dr. Lohia Marg, Shujalpur Mandi, Distt. – Shajapur (M.P.) – 465333 (CF 126 SEAC Meeting dt. 10/04/13) Lease Area – 01.00 ha Stone / Boulder Quarry (New) at Survey No.- 450, Village- Gearkhedi, Tehsil – Shujalpur, Distt. – Shajapur (M.P.) Capacity – 10,000 Cu. M/Year, Lease Period – 10 Years. Lacking; PFR.

This is a case of mining of stone / boulder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Survey No.- 450, Village- Gearkhedi, Tehsil – Shujalpur, Distt. – Shajapur (M.P.) in 1.0 Ha*. The project requires prior EC before commencement of any activity. It was submitted by the PP that after the Project is completed the proposed land will be converted into pond which will be used for irrigation purpose. It is also reported by the PP that no mining is either operating or proposed within 250 meters from the boundary of the proposed mining site.

PP has submitted copies of requisite information in the prescribed formats duly verified from DFO and the Tehsildar. PP has reported that a hillock of about 1.5 meters in included in the lease area. The submissions made by the PP and the EMS submitted are found to be satisfactory and acceptable hence committee has decided to recommend the case for grant of prior EC subject to the following special conditions:

- The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
- The final EMS as proposed by the PP and the budgetary provisions for its implementation shall be approved by the Collector and shall be submitted to SEIAA.
- PP shall be responsible for any discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- Transportation of material shall be done in covered vehicles.
- Curtaining of site shall be done using appropriate media.
- Production of stone shall be $6500 m^3/year$ and the average depth of the pits shall not exceed 7.00m at the end of 10 years.
- Appropriate arrangement shall be made for storage of materials at site in terms of covered yard.
- Appropriate air pollution control measures shall be placed in compliance to the consent of MPPCB for the proposed crusher.
- The proposed plantation should be carried out along with the mining and PP should take care that these plants attain full growth.
- The validity of the prior EC & the lease shall be for a maximum period of ten years only.

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- Transportation shall not be carried out through forest area.
- PP shall take CSR activities in the region through the 'Gram Panchayat'.
- The amount towards land reclamation shall be deposited with the Collector for further execution of the activities under EMP.

19. Case No. - 1678/2013 Shri Firoz Ahmed, M/s Commercial Minerals, Mission Chowk, Katni, (M.P.) – 483501 Padrehi Limestone/Dolomite Mines M/s Commercial Mineral at Khasra No. – 216 & 217, Village – Padrehil, Tehsil – Vijayraghgarh, Distt. – Katni (M.P.) Lease Area – 5.20 Ha. Capacity – 75,000 TPA, Lease Period- 20 Year. Lacking: Approved Mining Plan & DFO Letter copy – distance. Env. Consultant: M/s Apex Minetech, Udaipur (Raj) For – ToR

This is a mining project with lease area of 5.20 Ha. Mining of Limestone is proposed to the tune of 75000 TPA. The project falls under the purview of EIA notification. The application was forwarded by SEIAA for issuance of TOR to carry out EIA and prepare EMP for the project. Project was presented by the PP and his consultant before the committee in the meeting, which reveals following:

The mining lease was granted in favour of M/s. Commercial Minerals, Mission Chowk, District Katni (M.P.) near village Padrehi, Tehsil Vijayraghavgarh, District Katni over an area of 5.20 hect. Khasra no. 216 & 217 (Partially) by Mineral Resource Department, Bhopal Govt. of Madhya Pradesh vide letter No. 3-16/98/12/2 Bhopal, dated 20/3/2002 for a period of 20 years and after agreement lease period is upto 7/4/2022.

Location	Near village Padrehi, Tehsil Vijayraghavgarh, District Katni. (M.P.)
Minerals	Limestone/Dolomite
Lease period	Lease period is upto 7/4/2022.
Lease area	5.20 hect. Khasra no. 216 & 217 (Partially)
Toposheet No.	63 D/12
Latitude & Longitude	Latitude 24° 5' 47.16", Longitude 80° 41' 36.3"
Targeted production	75,000 T.P.A.
Land status of lease	Private land.
Mining Method	Opencast semi-mechanized method
Dimension of benches	3 mts. height & 3 mts. width.
General Ground level	380 mRL
Project cost	Rs. One Crore.
Reserve forest Surma	0.7 Km. in N/W
Railway Line	18 kms.

Mining Method

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The working is manual with deployment of J.C.B. and drilling by Jack Hammer. Bench formation is 3 M x 3 M. The Mineral is sorted out manually and loading is done with the help of J.C.B. The haul as road will be 5 mt. wide maximum gradient will be 1 : 16 all requirement of DGMS will be followed.

Water requirement for the project:

- The Domestic water requirement (02 KLD) will be met from to Tube well located near the M.L. area.
- For mining, afforestation & dust suppression, requirement of water (10 KLD) will be met from mine sump developed in the mine and from tankers, from outside water sources.

After deliberations committee has approved the proposed TOR with inclusion of following points:

- Approved mining plan and renewed mining lease for the current perios shall be submitted along with the EIA report.
- Public hearing shall be conducted disclosing all the details of land and mining before the public.
- Composite EIA & EMP shall be done keeping considering the impacts of all the existing / proposed mines in the vicinity.
- Budgetary provisions for execution of the EMP shall be submitted along with the modus operandi of the EMP and the funds reserved for the same.
- Other standard TORs' for similar projects shall be applicable.

20. Case No. - 1679/2013 Smt. Laxmi Agrawal, M/s Tall Minerals, 7/26, Tilak Ward, Civil Lines, Distt. - Mandla (M.P.) – 481661 Bhanwartal Dolomite Deposit M/s Taal Minerals at Khasra No. – 36, 46, 47, 48, 49, 50, 30 & 32, Village – Bhanwartal, Tehsil – Bichhiya, Distt. – Mandla (M.P.) Lease Area – 4.450 Ha. Capacity – 40,000 TPA, Lease Period- ---- Year. Env. Consultant: M/s Apex Minetech,Udaipur (Raj) For – ToR

This is a mining project with lease area of 4.450 Ha. Mining of Limestone is proposed to the tune of 40000 TPA. The project falls under the purview of EIA notification. The application was forwarded by SEIAA for issuance of TOR to carry out EIA and prepare EMP for the project. Project was presented by the PP and his consultant before the committee in the meeting, which reveals following:

The lease was sanctioned vide State Govt. order No. F 3-21/2008/12/2 dt. 5.4.2012 and the lease deed was executed and registered and thus the lease is effective from 11.6.2012 to 10.6.2032.

Project Name	Bhanwartal Dolomite Deposit
Location	Near village Bhanwartal , Tehsil Bichhiya, District Mandla (M.P.)
Minerals	Limestone/Dolomite
Purpose of Application	Environment Clearance as per notification of 2006.
Lease area	4.450 Hect. at Khasra No.36, 46,47,48,49,50, 30&32
Lease period	11.6.2012 to 10.6.2032

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Latitude & Longitude	Latitude 22°26'33" to 22°26'46"N Longitude 80°24'44" to 80°24'48"E
Targeted production	40,000 T.P.A.
Land status of lease	Govt. waste land.
Mining Method	Opencast semi-mechanized method
Dimension of benches	3 mts. height & 3 mts. width.
General Ground level	450 mRL
Project cost	Rs. One Crore.
Reserve forest Surma	1.5 Kms. in North
Railway Line	6 kms.

The proposed mining will be carried out by manual means, using hand tools such as spades, hammer, crowbar and chisel with one development cum production bench of 3M. x 3 M. During the first five year of development & production mining is proposed to be carried out in the form of rectangular block at Northern part of the area.

Site services will be provided in 7.5 M. barrier zone of the applied area.

Plantation is planned on statutory lease boundary in the length of 1725 meter of the 7.5 metre barrier zone covering an area of about 1.2 hectare.

The lessee proposes to undertake following C.S.R. activities in coming years.

- Development in school as per need time to time.
- Supply of Drinking water in nearby areas during summer season.
- Medical health check up camp twice in a year.

Thus the lessee will spent an amount of Rs. 2.00 Lac per year in consultation with Panchayat and School Headmaster.

After deliberations committee has approved the proposed TOR with inclusion of following points:

- Approved mining plan and renewed mining lease for the current perios shall be submitted along with the EIA report.
- Public hearing shall be conducted disclosing all the details of land and mining before the public.
- Composite EIA & EMP shall be done keeping considering the impacts of all the existing / proposed mines in the vicinity.
- Budgetary provisions for execution of the EMP shall be submitted along with the modus operandi of the EMP and the funds reserved for the same.
- Other standard TORs' for similar projects shall be applicable.

21. Case No. - 1680/2013 Shri Firoz Ahmed, M/s Commercial Minerals, Mission Chowk, Katni, (M.P.) - 483501_Pipariya Limestone/Dolomite Mines M/s Commercial Mineral at Patwari Halka No. – 102, Khasra No. – 1, 2/1, 2/2, 2/4, 3, 2/3, 4 Part Village – Pipariya, Tehsil – Sihora, Distt. – Katni (M.P.) Lease Area – 2.686 Ha. Capacity – 40,000 TPA, Lease Period- 20 Year. Env. Consultant:M/s Apex Minetech,Udaipur (Raj) For – ToR

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Member SEAC

(A.P. Srivastava)
Member SEAC

(R.K. Jain)
Member Secretary

This is a mining project with lease area of 2.686 Ha. Mining of Limestone is proposed to the tune of 40000 TPA. The project falls under the purview of EIA notification. The application was forwarded by SEIAA for issuance of TOR to carry out EIA and prepare EMP for the project. Project was presented by the PP and his consultant before the committee in the meeting, which reveals following:

The mining lease was granted in favour of M/s. Commercial Minerals, Mission Chowk, District Katni (M.P.) near village Pipariya, Tehsil Sihora, District Jabalpur over an area of 2.686 hect. Survey No. 205, P.C. No. 102 by Mineral Resource Department, Bhopal Govt. of Madhya Pradesh for a period of 20 years i.e. 11/8/1992 to 2/8/2012 and renewal for extension of mining lease was applied on 26/9/2011 i.e. pending for extension period & expansion of the production.

Location	Near village Pipariya, Tehsil Sihora, District Jabalpur. (M.P.)
Minerals	Limestone/Dolomite
Lease period	11/8/1992 to 2/8/2012 and renewal was applied on 26/9/2011
Lease area	2.686 Hect. in Khasra No. 1,2/1,2/2, 2/4,3,2/3,4 Part
Toposheet No.	64 A/6
Latitude & Longitude	Latitude 23°39'43.68" and Longitude 80°27'37.8"
Targeted production	40,000 T.P.A.
Land status of lease	Govt. Waste Land & Private land.
Mining Method	Opencast semi-mechanized method
Dimension of benches	2.5 mts. height & 3.5 mts. width.
Altitude	439 mRL to 442 mRL
General Ground level	440 mRL
Project cost	Rs. Sixty Lakhs.
Reserve forest Bijhota	0.9 Km. In South West
Railway Line	10 kms.

The mine site is located at 440 mRL. This site at higher level than surroundings. The drainage of Northern part in the form of small nallas reaches Sumrar tank a natural depression at 420 mRL at a distance of 8 km from mine. The drainage of South East merge in Ametha tank which is also a natural depression. The natural flow of South west part of Buffer Zone is toward North West. None of the drainage is intersected by mine.

Water requirement for the project:

- The Domestic water requirement (01 KLD) will be met from to Tube well located near the M.L. area.

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- For mining, afforestation & dust suppression, requirement of water (07 KLD) will be met from mine sump developed in the mine and from tankers, from outside water sources.

After deliberations committee has approved the proposed TOR with inclusion of following points:

- Approved mining plan and renewed mining lease for the current period shall be submitted along with the EIA report.
- Public hearing shall be conducted disclosing all the details of land and mining before the public.
- Composite EIA & EMP shall be done keeping considering the impacts of all the existing / proposed mines in the vicinity.
- Budgetary provisions for execution of the EMP shall be submitted along with the modus operandi of the EMP and the funds reserved for the same.
- Other standard TORs' for similar projects shall be applicable.

22. Case No. - 1681/2013 Shri Zaheer Ahmed, M/s Ismile & Sons, Mission Chowk, Katni, (M.P.) - 483501_Devsari Limestone Mines M/s Ismile & Sons at Patwari Halka No. – 88, Khasra No. – 185, 186, 187, 188, 183/2, 187/1, 188, 183/2, 187/1, Village – Devsari, Tehsil – Vijayraghgarh, Distt. – Katni (M.P.) (M.P.) Lease Area – 3.670 Ha. Capacity – 45,000 TPA, Lease Period- 20 Year. Env. Consultant: M/s Apex Minetech, Udaipur (Raj) For – ToR

This is a mining project with lease area of 3.670 Ha. Mining of Limestone is proposed to the tune of 45000 TPA. The project falls under the purview of EIA notification in accordance to the MoEF O.M. dated 18/05/2012. The case has been categorized as category B-1 project as per the guidelines of SEIAA. The application was forwarded by SEIAA for issuance of TOR to carry out EIA and prepare EMP for the project. Project was presented by the PP and his consultant before the committee in the meeting, which reveals following:

The mining lease was granted in favour of M/s. Ismail & Sons, Mission Chowk, Katni (M.P.) near village Devsari, Tehsil Vijayraghgarh, District Katni over an area of 3.670 hect. In Khasra No. 185, 186, 187, 188, 183/2, 187/1 by Mineral Resource Department, Bhopal Govt. of Madhya Pradesh vide letter No. 3-7217/12 Bhopal, dated 8/6/1976 for a period of 20 years and further renewal is pending.

Salient features of the project:

Project Name	Devsari Limestone Mines
Location	Near village Devsari, Tehsil Vijayraghgarh, District Katni. (M.P.)
Lease period	28.7.1976 to 22.7.1996 further renewal is pending.
Lease area	3.670 Hect. . Khasra no. 185, 186, 187, 188, 183/2, 187/1
Toposheet No.	64 A/9
Latitude & Longitude	Latitude 23° 59'40.86", Longitude 80° 31' 22.5"
Targeted production	45,000 T.P.A.
Land status of lease	Private land.
Mining Method	Opencast semi-mechanized method
Dimension of benches	3 mts. height & 3 mts. width.
General Topography	378 mRL to 374 mRL

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(R.K. Jain)
Member Secretary

of the lease	
Project cost	Rs. 70 Lacs.
Reserve forest Surma	1.5 Kms. in North
Railway Line	18 kms.

Method of Mining

The working is manual with deployment of J.C.B. and drilling by Jack Hammer. Bench formation is 3 M x 3 M. The Mineral shall be sorted out manually and loading will be done with the help of J.C.B. The haul road will be 5 mt. wide maximum gradient will be 1 : 16 all requirement of DGMS shall be followed.

The entire Northern part is a small mountain range and the drainage is from West to North Eastern direction of lease area. The entire South, South Eastern and South Western drainage in form of small nallas flow and carry water to Katni river which flows from West to East. The river is about 8 kms. South of Devsari Mine. The Mine site is at 378 mRL and at a level higher than surrounding areas. It does not intersect or obstruct the natural drainage of entire Buffer Zone.

Water requirement for the project:

- The Domestic water requirement (1 KLD) will be met from to Tube well located near the M.L. area.
- For mining, afforestation & dust suppression, requirement of water (8 KLD) will be met from mine sump developed in the mine and from tankers, from outside water sources.

Proposed Afforestation Programme

- Plantation will be done in statutory lease boundary in the length of 1339.943 metre of the 7.5 metre barrier zone in the area of about 1.00 hectare.
- Shetoot, Kadamb, Gonda, Jhingam, Sagwan, Maha Nimba., Aonla, Kanak Champa, Neem, Mahua, Amaltas, Bel Patar, Sanjna and other species will be planted after consultation with forest department of Madhya Pradesh. Programme of afforestation is decided keeping in a view to cover about 33% area.

After deliberations committee has approved the proposed TOR with inclusion of following points:

- Approved mining plan and renewed mining lease for the current period shall be submitted along with the EIA report.
- Public hearing shall be conducted disclosing all the details of land and mining before the public.
- Composite EIA & EMP shall be done keeping considering the impacts of all the existing / proposed mines in the vicinity.
- Budgetary provisions for execution of the EMP shall be submitted along with the modus operandi of the EMP and the funds reserved for the same.
- Other standard TORs' for similar projects shall be applicable.

23. Case No. 1171/2013 (Cf from 28/02/2013)- Smt. Gayatri Rani W/o Shri Biriiraj Singh Sisodia, Champi Mohalla, Narsingharh, Distt. – Rajgarh (M.P.) – 465669 Bhojpuria Stone Quarry, Lease Area – 1.00 Ha. . at Khasra No. – 425/1/2, Village – Bhojpuria, Tehsil – Narsingharh, Distt. – Rajgarh (M.P.) Capacity – 2500 Cu.mts per year., Lease Period– 10 Years. The case was earlier scheduled for consideration in the 121st meeting dated 28/02/2013, PP informed that due to unavoidable circumstances he could neither attend the meeting nor he could communicate to the SEAC in this regard. The case was allowed for presentation with permission of Chairman on request of PP.

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This is a case of mining of stone / boulder. The application was forwarded by SEIAA to SEAC for appraisal. The proposed site is located at *Khasra No. – 425/1/2, Village – Bhojpuria, Tehsil – Narsinghgarh, Distt. – Rajgarh (M.P.) in 1.0 Ha*. The project requires prior EC before commencement of any activity. It was submitted by the PP that after the Project is completed the proposed land will be converted into pond which will be used for irrigation purpose. It is also reported by the PP that no mining is either operating or proposed within 250 meters from the boundary of the proposed mining site. PP has submitted copies of requisite information in the prescribed formats duly verified from DFO and the Tehsildar. The submissions made by the PP and the EMS submitted are found to be satisfactory and acceptable hence committee has decided to recommend the case for grant of prior EC subject to the following special conditions:

- The amount towards reclamation of the pit and land in MLA shall be carried out through the mining department the appropriate amount as estimated for the activity by mining department has to be deposited with the Collector to take up the activity after the mine is exhausted.
- The final EMS as proposed by the PP and the budgetary provisions for its implementation shall be approved by the Collector and shall be submitted to SEIAA.
- PP shall be responsible for any discrepancy (if any) in the submissions made by the PP to SEAC & SEIAA.
- Transportation of material shall be done in covered vehicles.
- Curtaining of site shall be done using appropriate media.
- Production of stone shall be *2500 m³/ year and the average depth of the pits shall not exceed 7.00m at the end of 10 years.*
- Appropriate arrangement shall be made for storage of materials at site in terms of covered yard.
- Appropriate air pollution control measures shall be placed in compliance to the consent of MPPCB for the proposed crusher.
- The proposed plantation should be carried out along with the mining and PP should take care that these plants attain full growth.
- The validity of the prior EC & the lease shall be for a maximum period of ten years only.
- Transportation shall not be carried out through forest area.
- PP shall take CSR activities in the region through the ‘Gram Panchayat’.
- The amount towards land reclamation shall be deposited with the Collector for further execution of the activities under EMP.

Neither the Project Proponents nor their representatives were present to explain the query which might be raised or to make any commitment which may be desired by the committee during the deliberation. Hence Committee decided to call the proponents of following projects in coming meetings as per turn.

24. Case No. – 1654/2013 Shri Ram Singh Patel, Village -Bijanbada Teh. – Pipriya, Distt. – Hoshangabad (M.P.) – 461775 Bijanbada Auction Sand Quarry Lease Area –

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- 2.720 ha. at Khasra No.- 123, Village - Bijanbada, Tehsil – Pipriya, Distt. – Hoshangabad (M.P.) Capacity – 3113 Cubic Meter Year, Lease Period – 02 Year.
- 25. Case No. – 1656/2013** Smt. Maya Devi Sharma (Partner), M/s Shri Ram Sharma Stone Crusher, E-25, New Viveka Nand Colony, Thatipur, Gwalior (M.P.) 474004 M/s Shri Ram Sharma Stone Crusher, Bilaua Metal Stone Quarry, Lease Area – 2.00 ha. at Survey No.- 3921, Village - Bilaua, Tehsil – Dabra, Distt. – Gwalior (M.P.) Capacity – 2,00,000 Cubic Meter Year, Lease Period – 10 Year.
- 26. Case No. – 1667/2013** M/s Singh Developers Pvt. Ltd. Through Shri Shashidutt Gangrani, Director, F-11, Darul habib Complex, Roxy Road, Gwalior (M.P.) – 474001 Residential Project M/s Singh Developers Pvt. Ltd., at Khasra No. – 327, 342, 343, 344, Village – Ohadpur, Tehsil – Gwalior, Distt. – Gwalior (M.P.) Plot Area – 12,550 M², Built up Area – 45,125.85 M² Env. Consultant : Kadam Env. Con. , Delhi
- 27. Case No. – 1670/2013** Shri Kishan Pal Singh R/o Mahindra Nagar, Nawada Bag Colony, Bhind Distt. - Bhind (M.P.) Expansion Gohad Stone Quarry, at Khasra No.- 04, Village – Gohad, Tehsil – Gohad, Distt. – Bhind (M.P.) Lease Area – 3.0 ha. Capacity – 799730 Tonnes Per Year (Existing Capa. -5000 Tonnes Per Year), Lease Period – 10 Year.
- 28. Case No. – 1671/2013** Shri Gaya Prasad Agrawal, Village – Amarkantak, Tehsil – Pushprajgarh, Distt. - Anuppur (M.P.) 484886 Lease Area – 2.75 ha. Stone/ Boulder Quarry at Khasra No. - 87/4, 88/1, Village - Harratola, Tehsil – Pushprajgarh, Distt. – Anuppur (M.P.) Capacity – 2,000 Cubic Meter Year, Lease Period – 10 Year.
- 29. Case No. – 1664/2013** Shri Surendra Singh Lodhi S/o Heera Singh Lodhi, Village - Basahari, Tehsil – Khurai, Distt. – Sagar (M.P.) - 470117 Lease Area – 3.00 ha. Stone/ Boulder Quarry at Khasra No. - 732/1, Village - Basahari, Tehsil – Khurai, Distt. – Sagar (M.P.) Capacity – 25,000 Cubic Meter Year, Lease Period – 10 Year.
- 30. Case No. - 817/2012** - Shri Vijay Singh, Partner, M/s Dwarkadheesh Haveli Builders, Dwarkadham, Karond-Gandhi Nagar By Pass Road, Badwai, Distt. - Bhopal (M.P.) – 462018 Building Construction Project. DWARKADHAM, Village - Badwai, Khasra No. 425/426/423, Village – Badwai, Tehsil –Huzur, Distt. – Bhopal (M.P.) Total Land Area – 21.943 Ha. (54 Acres), Total Built-up Area – 1,27,739.45 Sq.m. (Case was differed 104th SEAC Meeting dated 16th Oct. 12- JV) Env. Consultant: Not disclosed. QUERY RESPONSE PRESENTATION
- 31. Case No. – 1165/2013** – Shri Deepesh Asnani, Director, Asnani Builders and Developers Pvt. Ltd., Block – A, Second Floor, Mansarowar Complex, (Near M.P. Nagar –Bpl.) Bhopal (M.P.) – 460211 Building Construction Project . Spring Valley Dew Khasra NO. 19, 20, 22, 29, 38, 317, 316(Part) 31, 32, 34, 35, 36, 37, 41 at Village – Katara, Bhopal (M.P.) Proposed Total Area -36000.00 Sqm. (8.9 Acre) Env. Consultant: Not disclosed. (Case was differed 122nd SEAC Meeting dated 11th March 13- JV) query response presentation – To be placed in next meeting as per request of PP with due permission of the Chairman.
- 32. Case No. - 1299/2013** Shri Jaiprakash Choksey S/o Shri Ramswarup Choukse, 979/10, Nanda Nagar, Indore, (M.P.) (CF 127 SEAC Meeting dt. 25/04/13) Lease Area - 2.00 Ha. Stone / Boulder Quarry (Renewal) at Khasra No. – 2610, Village – Kampel, Tehsil – Indore, Distt. – Indore (M.P.) Capacity – 8,000 cu.m.Per Annum, Lease Period- 10 Year. Lacking: PFR. CF 134-135 dt. 03-04 June 13.

Meeting ended with thanks to the Chair and the Members.

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