

1.0 Opening Remarks of the Chairman

The Chairman welcomed all the members of the Committee (**Annexure-1**) and thereafter agenda item taken up for deliberations. The list of participants present during meeting is annexed as **Annexure-2**.

2.0 Consideration of the Projects

Following issues were discussed and decided:-

- A. 13 proposals were invited for TOR / EIA deliberations. Out of these proposals only 11 proposals were presented before the committee.
- B. Next meeting was confirmed for 26th March 2009 as per the decision of 20th Meeting.

3.0 Deliberations:

1. 234/2008

Shri Jyoti Minerals Industries kamal Kumar Bagodia Station Road Katni (M.P)
Project: Limestone, Dolomite stone, laterite mine 6.00 Ha at village Ritual Tehsil - Bahoriband, Katni

The proposed case was submitted for approval / issue of TOR, but the proponent did not appear for the submission. The proponent has been non responsive continuously for the fourth time. It appears that Project Proponent is not interested to continue with the project hence committee decided to return the case to SEIAA.

2. 246/2008

Shri Ajesh Kumar Jain R/o Village Darshini Tehsil- Sihora Distt.- Jabalpur (M.P)

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*Project: Darshini Laterite, Ochre and clay mine, Village - Darshini, Tesil- Sihore Distt.-
Jabalpur (M.P)*

This being a mining project with lease area between 50 ha to 5 ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- Plantation in at least 33% of the total area has to be ensured; accordingly plan has to be submitted with EIA. [Plantation Scheme].
- Total area for which afforestation has been proposed – plan stating how much plantation shall be taken up yearly, has to be submitted. Plantation of local species along with Sheesham, Tendu, Kachnar & various fire-wood trees should be taken up.
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- For welfare of the mine-workers various activities such as regular health checkups, first-aid, shelter for rest and meals, drinking water etc. has to be taken up. Nearby mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes and other sources. This aspect has to be covered in the EMP.
- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.

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- Water-shed management plan to be submitted, in view of the damages caused in the catchment-area of rivers falling in the prescribed study area of mining region & to support the ground-water recharging.
- In land use map, details regarding the agricultural crops pattern around the mining area should also be added.
- Map depictions: coloured maps depicting land use of the region showing sensitive / fragile features and detailed lay-out of the site clearly showing green-belt (existing & planned)
- Species proposed in the green belt development should be notified.
- Satellite Image of the location of mine should be submitted with demarcation of other proposed/in operation mines in nearby area.
- Location is also to be shown in Tehsil map procured from revenue department.
- The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi
- If required, NOC from the concerned DFO to be submitted.

3. 208/2008

Sh. Ramzan bhai, S/o Sh. Mohammad Ismil, barhi Raad, near Khirahni Fatak, Katni, Dist. katni

Project: Fire clay, Laterite, red ochre and red Oxide mine of Ramzan bhai. Village-Suddi, RIC Badwara, the. Badwara, Dist- Katni. Mining Lease Area 6.00 Ha. Prod. Cap. 4000 MT/month.

The proposed case was submitted for approval / issue of TOR. Project proponent appeared before the committee and has requested to consider the case in the next meeting as was not prepared for the deliberation; Committee accepted the request and decided to call the proponent in next meeting.

4. 215/2008

M/s Guru Kripa Stone cutting mines & mineral industries In front of Shabd Pratap Ashsram Rampuri Colony Behind Rajasthan Emporium

Project: Quarry lease deed 7.967 hect. at village Badagaon Gwalior (M.P).

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This being a mining project with lease area between 50 ha to 5 ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- Plantation in at least 33% of the total area has to be ensured; accordingly plan has to be submitted with EIA. [Plantation Scheme].
- Total area for which afforestation has been proposed – plan stating how much plantation shall be taken up yearly, has to be submitted. Plantation of local species along with Sheesham, Tendu, Kachnar & various fire-wood trees should be taken up. [Plantation Scheme year wise to be submitted].
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- For welfare of the mine-workers various activities such as regular health checkups, first-aid, shelter for rest and meals, drinking water etc. has to be taken up. Nearby mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes and other sources. This aspect has to be covered in the EMP.
- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- Water-shed management plan to be submitted, in view of the damages caused in the catchment-area of rivers falling in the prescribed study area of mining region & to support the ground-water recharging.

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- In land use map, details regarding the agricultural crops pattern around the mining area should also be added.
- Map depictions: coloured maps depicting land use of the region showing sensitive / fragile features and detailed lay-out of the site clearly showing green-belt (existing & planned)
- Species proposed in the green belt development should be notified.
- Satellite Image of the location of mine should be submitted with demarcation of other proposed/in operation mines in nearby area.
- Location is also to be shown in Tehsil map procured from revenue department.
- The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi
- If required, NOC from the concerned DFO to be submitted.

5. 258/2009

M/s Vinod Traders R.L. House Behind New Bus Stand Industrial Area Dhamtari (C.G)

Project: Manganese Ore Mines, Pauwia 9.105 Ha at Village - Punia, Tehasil - Katangi, Balaghat (M.P.)

This being a mining project with lease area between 50 ha to 5 ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.

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- Plantation in at least 33% of the total area has to be ensured; accordingly plan has to be submitted with EIA. [Plantation Scheme].
- Total area for which afforestation has been proposed – plan stating how much plantation shall be taken up yearly, has to be submitted. Plantation of local species along with Sheesham, Neem, Amaltas, Tendu, Kachnar & various fire-wood trees should be taken up suitable to area.
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- For welfare of the mine-workers various activities such as regular health checkups, first-aid, shelter for rest and meals, drinking water etc. has to be taken up. Nearby mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes and other sources. This aspect has to be covered in the EMP.
- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- A leachate study of the solid waste has to be conducted.
- Water-shed management plan to be submitted, in view of the damages caused in the catchment-area of rivers falling in the prescribed study area of mining region & to support the ground-water recharging.
- In land use map, details regarding the agricultural crops pattern around the mining area should also be added.
- Map depictions: coloured maps depicting land use of the region showing sensitive / fragile features and detailed lay-out of the site clearly showing green-belt (existing & planned)
- Species proposed in the green belt development should be notified.
- Satellite Image of the location of mine should be submitted with demarcation of other proposed/in operation mines in nearby area.
- Location is also to be shown in Tehsil map procured from revenue department.
- The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi
- NOC from the concerned DFO to be submitted.

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6. 262/2009

M/s Krishna marbles HIG - 1 Housing Borad Colony Katni (M.P)

Project: Marble mine at Village Niwas Taluka- Bahoriband Distt- katni (M.P). Area- 11.18 Ha, Cap.- 90,000 MT Marble blocks / Year.

TOR approval

This being a mining project with lease area between 50 ha to 5 ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

- Duly attested & certified Mining Plan approved by IBM has to be submitted along with the copy of current lease deed and lease letter issued by the State Mining Corporation.
- Monitoring has to taken up as per the norms using appropriate air/water quality modeling, based on meteorological data (wind-rose) of the region.
- Plantation in at least 33% of the total area has to be ensured; accordingly plan has to be submitted with EIA. [Plantation Scheme].
- Total area for which afforestation has been proposed – plan stating how much plantation shall be taken up yearly, has to be submitted. Plantation of local species along with Sheesham, Neem, Amaltas, Tendu, Kachnar & various fire-wood trees should be taken up suitable to area.
- PFR should include cost benefit analyses considering- social cost, environment cost and pre-occupational cost.
- For welfare of the mine-workers various activities such as regular health checkups, first-aid, shelter for rest and meals, drinking water etc. has to be taken up. Nearby mine owners may form a society and funds for welfare of mine-workers may be created from various govt. schemes and other sources. This aspect has to be covered in the EMP.

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- Management of OB solid waste generated during mining has to be addressed through incorporation of a concrete plan for the same.
- Water-shed management plan to be submitted, in view of the damages caused in the catchment-area of rivers falling in the prescribed study area of mining region & to support the ground-water recharging.
- In land use map, details regarding the agricultural crops pattern around the mining area should also be added.
- Map depictions: coloured maps depicting land use of the region showing sensitive / fragile features and detailed lay-out of the site clearly showing green-belt (existing & planned)
- Species proposed in the green belt development should be notified.
- Satellite Image of the location of mine should be submitted with demarcation of other proposed/in operation mines in nearby area.
- Location is also to be shown in Tehsil map procured from revenue department.
- The EIA should be prepared based on model TOR for appraisal of mining projects issued by MoEF, Delhi
- If required, NOC from the concerned DFO to be submitted.

7. 263/2009

M/s Jay Ambe Dyes & Intermediate, Plot No 95 A (AKVN) Industrial Area Meghnagar (M.P)

Project: Production of Dye and Dye [Hydro Benzene& 2-2 Benzene Di Sulphonic Acid] Intermediates (SSI Unit) Prod Cap.- 10 Tonnes/Month) at Plot No 95 A (AKVN) Industrial Area Meghnagar (M.P) **TOR approval**

This being a project on 'Production of Dye and Dye [Hydro Benzene& 2-2 Benzene Di Sulphonic Acid] Intermediates' is listed at S.N. **5(f)** of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC. The industry is a small scale unit located in notified industrial area at Plot No 95 A (AKVN) Industrial Area Meghnagar (M.P), hence no Public Hearing is required.

The applicant, assigned by his consultant presented the salient features of the project and the draft Terms of Reference for undertaking detailed EIA study.

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After detailed deliberations, the SEAC has recommended the inclusion of following TORS in the preparation of EIA/EMP:-

1. EIA should cover the details of hazardous substances (raw materials) being used in the process in form an inventory mentioning their source (suppliers), on-site storage quantities, mode of storage, handling procedures, transportation mode to the site, safety measures to be adopted etc.
2. EIA should properly address all types of hazardous wastes expected from the industry including their source of generation, quantities, on-site storage facility, transportation to the disposal sites, mode of disposal and handling etc.
3. Quantity of water required for various uses (industrial, domestic etc.) and its source has to be furnished in the report along with the commitment letter/ permission from the authorities.
4. Map depictions: coloured maps depicting land use of the region showing sensitive / fragile features and detailed lay-out of the site clearly showing green-belt (existing & planned).
5. A detailed lay out of the site has to be furnished clearly showing the proposed green belt (at least 33%).
6. Total area for which afforestation has been proposed – plan stating how much plantation shall be taken up yearly, has to be submitted. Species proposed in the green belt development should be notified. Local and suitable species should be planted.
7. Environmental monitoring including air, surface-water, ground-water, noise and soil has to be carried out as per standard procedures. Interpretation of Results should be presented using standard models.
8. Detail drawing and design of Effluent Treatment Plant has to be furnished along with disposal of treated effluent. Lay out of the ETP showing the locations of peizometric holes should be mentioned clearly, to evaluate the effects on ground water quality.
9. Process-flow chart of each product, Material balance and Water balance sheet should be furnished with report.
10. Industry being highly water & air polluting the pollution control equipments proposed for installation should be dealt in detail.
11. The EIA report should be prepared using state of art techniques and accordingly the effective EMP should be furnished with the report.

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12. Manufacturing and effluent treatment Technology to be adopted by the industry should be dealt in detail along with its comparison with the other similar type of industries.

13. Commitment for implementation of the CREP charter issued by CPCB has to be furnished.

8. 89/2008

M/s Agarwal Metal Industries, Plot No. 251/A, Sector E, Industrial Area Sanwer Road Indore

Project: Reclaiming of Lead Ingots through Lead-Acid Battery Recycling **EIA Presentation**

The proposed project pertains to production of lead ingots (1000MT/Year) through recycling of lead-acid battery and is listed at 3(a) of the schedule under category B of the EIA Notification 2006. TOR for carrying EIA was issued to the proponent vide letter no. 351 dated 07/08/08

The proposed small scale industry is located at Plot No. 251/A, Sector E, Industrial Area Sanwer Road Indore which is a notified industrial area hence Public Hearing is not required.

Proponent has submitted the EIA; the same was presented before the committee. After deliberations, committee has raised following queries to be replied by the proponent -

1. The Raw material is reported to be collected from different sources such as auction of railways, Electricity Board, MPSRTC etc. The material being hazardous the safe mode of transportation of this material has to be submitted.
2. Breaking of scrape battery is reported to be manually, this should be done more scientifically and safely in light of hazardous nature of the scrape, accordingly plan to be submitted.
3. Regarding disposal of the plastic covers from the scrape batteries, committee has suggested to conduct a survey of the existing units of similar type and submit a detailed report highlighting its ultimate disposal.
4. Detail scheme of plantation including area to be planted, yearly plantation schedule, species to

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be planted has to be provided along with a coloured map of the lay out. 33% of the total area has to be under green belt.

5. The slag is stated to be reprocessed till the lead content in slag is recoverable- how much is this content and how the slag is examined for lead contents at site.
6. Committee also suggested to obtain a concise report on above issues from the Regional Office of M.P. Pollution control Board Indore.

9. 88/2008

M/s Lucky Enterprises Plot No. 33/4, Kumerdi Narwal Kanked, Sector F Industrial Area Sanwer Road Indore (M.P) 15

Project: Reclaiming of Lead Ingots through Lead-Acid Battery Recycling **EIA Presentation**

The proposed project pertains to production of lead ingots (1000 MT/Year) through recycling of lead-acid battery and is listed at 3(a) of the schedule under category B of the EIA Notification 2006. TOR for carrying EIA was issued to the proponent vide letter no. 397 dated 07/08/08.

The proposed small scale industry is located at **Sector F Industrial Area Sanwer Road Indore (M.P) 15**, which is a notified industrial area hence Public Hearing is not required.

Proponent has submitted the EIA; the same was presented before the committee. After deliberations, committee has raised following queries to be replied by the proponent -

1. The Raw material is reported to be collected from different sources such as auction of railways, Electricity Board, MPSRTC etc. The material being hazardous the safe mode of transportation of this material has to be submitted.
2. Breaking of scrape battery is reported to be manually, this should be done more scientifically and safely in light of hazardous nature of the scrape.
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its ultimate disposal.

4. Detail scheme of plantation including area to be planted, yearly plantation schedule, species to be planted has to be provided along with a coloured map of the lay out. 33% of the total area has to be under green belt.
5. The slag is stated to be reprocessed till the lead content in slag is recoverable- how much is this content and how the slag is examined for lead contents at site.
6. Committee also suggested to obtain a concise report on above issues from the Regional Office of M.P. Pollution control Board Indore.

10. 26/2008

M/s. Anupam Marbles Pvt. Ltd., E-201, (A) III Phase, Riico Industrial Area, Madanganj-Kishangarh, Dist. Ajmer

Project: Karipathar Marble Mine, Vill: Kaaripathar Teh: Dhimerkdeda, Distt. Katni (M.P). **EIA Presentation**

This being a mining project with lease area between 50 ha to 5 ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

EIA along with the Public Hearing proceedings was submitted by the proponent in compliance to the TOR issued vide letter no. 93 Dated 04/06/08. The applicant, assigned by his consultant presented the salient features of the project and the EIA / EMP study.

After detailed deliberations, the Committee has raised following queries to be replied by the Proponent:-

- Details of surrounding area (including mines) be provided appropriately on a map of 1:25000 and also a map showing micro-level detail of 500 metres area around the site.
- Fund allocation towards Socio Economic activity.
- Provide year-wise plantation scheme for lease area and outside lease area. 33% of the total area has to be under green belt.

11. 31/2008

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Ainthkheda Dolomite & Sopa stone opposite Ekta Parisar, Madan Mahal, Jabalpur (M.P)

Project: Mine of Dolomite & Soap stone mine 6.191 Ha at village- Ainthkheda Tehsil: District: Jabalpur Cap-10,000 tonnes /annum **EIA Presentation**

This being a mining project with lease area between 50 ha to 5 ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

EIA along with the Public Hearing proceedings was submitted by the proponent in compliance to the TOR issued vide letter no. 248 Dated 11/07/08. The applicant, assigned by his consultant presented the salient features of the project and the EIA / EMP study.

After detailed deliberations, the Committee has raised following queries to be replied by the Proponent:-

1. A detail of surrounding (including mines) has to be provided appropriately on a map of 1:25000 and also a map showing micro-level detail of 500 metres around the site.
2. Fund allocation towards Socio Economic activity including health/accident.
3. Provide year-wise plantation scheme for lease area and outside lease area.
4. NOC from the forest department to carry out mining to be submitted.
5. Permission from the Central Ground Water Authority for abstraction of water for mining activities.
6. Environmental monitoring data (from approved laboratory) properly arranged with interpretation.

Proponent is required to present the case before the committee again after submission of above.

12. 225/2008

Alcon Laboratory & Industries (India), D1- 113/114, Sector -5, Devendra Nagar, Raipur (CH).

Project: Chaparwaha Dolomite & Limestone mine 19.716 hectare at village - Chaparwaha

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Tehsil: Murwara Distt.: Katni (M.P) Production Cap- 6660 T/Year EIA Presentation

This being a mining project with lease area between 50 ha to 5 ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

EIA along with the Public Hearing proceedings was submitted by the proponent in compliance to the TOR issued from MoEF vide letter no J-11015/96/2007-IA.II (M) dated 31/07/07. The applicant, assigned by his consultant presented the salient features of the project and the EIA / EMP study.

After detailed deliberations, the Committee has raised following queries to be replied by the Proponent:-

1. A detail of surrounding (including mines) has to be provided appropriately on a map of 1:25000 and also a map showing micro-level detail of 500 metres around the site.
2. Fund allocation towards Socio Economic activity including health/accident.
3. Provide year-wise plantation scheme for lease area and outside lease area and in the existing pits.
4. NOC from the forest department to carry out mining to be submitted.
5. Proponent has to explore source of water for drinking and mining activities.
6. Environmental monitoring data (from approved laboratory) properly arranged with interpretation.

Proponent is required to present the case before the committee again after submission of above.

13. 10/2008

M/s. Balasore Alloys Ltd., Hathoda Village- Hathoda, Tehsil- Katangi, District- Balaghat (M.P)

Project: Manganese ore mine, Village- Hathoda, Tehsil- Katangi, District- Balaghat:- Area is 11.67 ha, production will be 10,000 M.ton /annum.

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EIA Presentation

This being a mining project with lease area between 50 ha to 5 ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

EIA along with the Public Hearing proceedings was submitted by the proponent in compliance to the TOR issued vide letter no. 91 Dated 04/06/08. The applicant, assigned by his consultant presented the salient features of the project and the EIA / EMP study.

After detailed deliberations, the Committee has raised following queries to be replied by the Proponent:-

1. Titanium and Cadmium to be analyzed in the mineral from approved laboratory and submitted.
2. Leachate study to be carried out and submitted.

14. 83/2008

Smt Shakuntala Kasal Ward No. 13, Main Road, Waraseoni Dist. Balaghat (M.P)

Project: Hatoda Manganese Ore Mining at Vill: Hatoda Tehil: Katangi Distt. Balaghat Khasra No. 134/1, 135, 136, 207/1, 207/2, 208 Area: 6.99 Ha and production capacities: 1000 T/Year

EIA Presentation

This being a mining project with lease area between 50 ha to 5 ha is listed at S.N. 1(a) of schedule under 'B' Category of EIA Notification, 2006 and is to be appraised by SEAC.

EIA along with the Public Hearing proceedings was submitted by the proponent in compliance to the TOR issued vide letter no. 391 Dated 07/08/08. The applicant, assigned by his consultant presented the salient features of the project and the EIA / EMP study.

After detailed deliberations, the Committee has raised following queries to be

**-Sd-
(Suresh Chandra Jain)
Chairman SEAC**

**-Sd-
(V. Subramanian)
Member SEAC**

**-Sd-
(K.K. Goswami)
Member SEAC**

**-Sd-
(Prof. K.C. Mathur)
Member SEAC**

**-Sd-
(R.K. Jain)
Secretary SEAC**

**MINUTES OF 21st MEETING OF STATE EXPERT APPRAISAL
COMMITTEE HELD ON 25th March, 2009**

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replied by the Proponent:-

1. Titanium and Cadmium to be analyzed in the mineral from approved laboratory and submitted.
2. Leachate study to be carried out and submitted.

Meeting ended with vote of thanks to the Chair.

**-Sd-
(Suresh Chandra Jain)
Chairman SEAC**

**-Sd-
(V. Subramanian)
Member SEAC**

**-Sd-
(K.K. Goswami)
Member SEAC**

**-Sd-
(Prof. K.C. Mathur)
Member SEAC**

**-Sd-
(R.K. Jain)
Secretary SEAC**