

Compliance of ToR

S.No.	ToR	Compliance
1.	Year-wise production details since 1994 should be given, clearly stating the highest production achieved in any one year prior to 1994. It may also be categorically informed whether there had been any increase in production after the EIA Notification, 1994 came into force w.r.t. the highest production achieved prior to 1994. The production details need to submit since inception of mine duly authenticated by department of Mines & Geology, state government.	<p>The Mines has been operated since 1966. The year-wise production details from 1992-93 to 2018-19 is given in Chapter 1. Refer Table No 1.2 in Page No.6. During 1992-93 the production achieved was 151190.24 MT. After 1994, there is no highest production achieved.</p> <p>The Review of Mining plan for next 5 years from 2021-22 to 2025-26 has been approved by RCOM, IBM Chennai vide letter No.TN/SLM/MG&DU/ROMP-1646.MDS dated 30/03/2021 for mining both Magnesite and Dunite minerals. Refer Annexure -XLI</p>
2.	A copy of the document in support of the fact that the proponent is the rightful lease of the mine should be given.	<p>The mining lease for Magnesite over an extent of 574.46 ha. in S.F.No.6 (un assessed dry waste land belonging to Govt. of Tamil Nadu) of Chettichavadi village, Salem Taluk & Dist. was sanctioned over a period of 20 years by G.O.Ms. No.903 Industries, Labour and Co-operation Department dated 25-2-1966.</p> <p>By G.O.MS.No.801 26th June 1976 another Mining Lease was granted over the same area of land for mining of Dunite for a period of 10 years.</p> <p>By G.O.Ms.No.74 Industries Department dated 11th March, 1997 the Govt. of Tamil Nadu sanctioned the grant of first renewal of mining lease for Magnesite and Dunite over an extent of 531.98 hectares (to make them co-terminus) in S.F.No.6 of Chettichavadi village, Salem Taluk and District for a period of 20 years w.e.f. 20.8.1986 to 19.8.2006.</p>

		<p>Project Proponent timely applied for second renewal of its mining lease vide application dated 11.07.2005. Pursuant to the filing of said application, during the period 20th August 2006 to 11th Jan 2015 the mining lease subsisted under the provisions of <i>deemed extension</i> in terms rule 24 (6) (A) of MCR 1960, thereafter the mining lease has been extended up to 31st March 2030 by virtue of Sec 8 (A) (5) of MMDR Act 1957.</p> <p>Project Proponent from time to time vide its various letters including letter dated 17th Feb 2021 and letter dated 25th Sept 2021 had requested State Mining Dept. to issue valid mining lease documents. State Mining Dept. have not responded to the same. In this connection W. A. No. 834-835/2020 are pending before Madras High Court</p> <p>Following documents are enclosed in this regard</p> <ol style="list-style-type: none">1. A Copy of last bulk transport permit no=62 issued by State Mining Dept. in the year 2019 dated 18.11.2019.2. Notice of Temporary Discontinuation of Mines since 27th Jan.2020 to await grant of EC.3. Copy of Application filed U/r 20 of MCR 2016 for extension of Temporary Discontinuation in case grant of EC is delayed beyond 27thJanuary 2022.4. Copy of last IBM return filed for the year 2019-20
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		The EC may be granted to the Project Proponent subject to the mining lease of the Project Proponent's being in force / subject to the issuance of valid mining lease documents from State Mining Dept.
3.	All documents including approved mine plan, EIA and Public Hearing should be compatible with one another in terms of the mine lease area, production levels, waste generation and its management, mining technology etc. and should be in the name of the lessee.	<p>Contents in all documents are synchronizing with one another in terms of mine lease area, production levels, waste generation, its management and mining technology.</p> <p>The Review of Mining plan for next 5 years from 2021-22 to 2025-26 has been approved by RCOM, IBM Chennai vide letter No.TN/SLM/MG&DU/ROMP-1646. MDS dated 30/03/2021 for mining both Magnesite and Dunite minerals Refer Annexure – XLI</p>
4.	All corner coordinates of the mine lease area, superimposed on a High Resolution Imagery/ Toposheet; topographic sheet, geomorphology and geology of the area should be provided. Such an Imagery of the proposed area should clearly show the land use and other ecological features of the study area (core and buffer zone).	<p>The study area lies between Northern Latitude of 11°43'09.71"N to 11°44'36.233 N" and Eastern Longitude from 78°07'23.268" E and 78°09'13.068 E</p> <p>The area is marked in the survey of India Toposheet No.58 I/2.</p> <p>Details are given in clause 1.2 of Chapter 1 and Pg. No. 9.</p> <p>Geology & Geomorphology of the mine is given in Clause 3.19 & 3.20 of chapter 3 (Refer Pg. No: 217) and Fig No: 3.30 (Refer Pg. No:219).</p> <p>Land Use / Land Cover map of the study area (core and buffer zone) have been prepared on the basis of Satellite imagery using RS & GIS Technique & the same has been incorporated in Fig No: 3.26 of Chapter 3 (Refer Pg. No: 214).</p>

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5.	Information should be provided in Survey of India Toposheet in 1:50,000 scale indicating geological map of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics.	Survey of India Toposheet No. 58I/2in 1:50,000 scale indicating physical and surface features of the area, geomorphology of land forms of the area, existing minerals and mining history of the area, important water bodies, streams and rivers and soil characteristics is given in Fig No: 1.1, 1.2, 2.2, 2.9, 2.11, 2.25 and Refer pages11, 12, 20, 27, 34, 55 respectively.
6.	Details about the land proposed for mining activities should be given with information as to whether mining conforms to the land use policy of the State; land diversion for mining should have approval from State land use board or the concerned authority.	This is Existing mines. The land proposed for mining activities is given in Table No.2.9 of Pg. No. 51in Chapter 2.
7.	Whether the proponent Company has a well laid down Environment Policy approved by its Board of Directors? If so, it may be spelt out in the EIA Report with description of the prescribed operating process/procedures to bring into focus any infringement/deviation/violation of the environmental or forest norms/ conditions? The hierarchical system or administrative order of the Company to deal with the environmental issues and for ensuring compliance with the EC conditions may also be given. The system of reporting of non-compliances / violations of environmental norms to the Board of Directors of the Company and/or shareholders or stakeholders at large, may also be detailed in in the proposed safeguard measures in each case should also be provided	The proponent M/s Dalmia Bharat Sugar and Industries Ltd, Salem is very much conscious of implementing Environment management plan with systematic mining. The proponent has prepared Corporate Environmental Policy. (Refer Annexure No XLIX). The proponent will submit the compliance of the EC conditions within stipulated time.

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8.	Issues relating to Mine Safety, including subsidence study in case of underground mining and slope study in case of open cast mining, blasting study etc. should be detailed. The proposed safeguard measures in each case should also be provided.	Issues relating to mine safety pertaining to failure of Pit slope for open cast mining are described in Table 7.2 of Chapter 7 Refer Pg. No. 329. Safety for blasting is given in Table 10.1(Vibration). Refer Page No.351. General safe guard measures are given in Pg. No.247-303.
9.	The study area will comprise of 10 km zone around the mine lease from lease periphery and the data contained in the EIA such as waste generation etc. should be for the life of the mine / lease period.	The Study area of the proposed mining project comprises of 10 km zone around the mining Lease boundary has been prepared. Refer Fig No. 1.2&Pg. No. 12. Data like reserves, waste generation up to life of mine (at the end of the 5th year) have been incorporated in Chapter 2 (Pg. No. 58-86) of the Final EIA report.
10.	Land use of the study area delineating forest area, agricultural land, grazing land, wildlife sanctuary, national park, migratory routes of fauna, water bodies, human settlements and other ecological features should be indicated. Land use plan of the mine lease area should be prepared to encompass preoperational, operational and post operational phases and submitted. Impact, if any, of change of land use should be given.	10 km radius map of the Study area delineating forest area, agricultural land, grazing land, wildlife sanctuary and national park, migratory routes of fauna, water bodies, human settlements, other existing mines/industrial activity and other ecological features are shown in Fig No. 3.26of Chapter 3, Pg. No. 214 and also refer Table 3.38 (Pg.No.216) Land use plan of the mine lease area showing is given in Table No. 2.9 of Pg. No. 51. In Chapter 2.
11.	Details of the land for any Over Burden Dumps outside the mine lease, such as extent of land area, distance from mine lease, its land use, R&R issues, if any, should be given.	The details of dump proposed for this Magnesite & Dunite Mines - Refer Clause 3.10 of Page no.135 -Chapter 3. The mining operations will not disturb/relocate any villages or need resettlement. Details of nearby villages and their population are given in Clause 3.13.6 of Chapter 3, Refer Pg. No.

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		169,170. No reclamation or re-habitation Plan (R & R) is proposed(Refer Clause 7.3 of Chapter 7, Pg.No:334).
12.	A Certificate from the Competent Authority in the State Forest Department should be provided, confirming the involvement of forest land, if any, in the project area. In the event of any contrary claim by the Project Proponent regarding the status of forests, the site may be inspected by the State Forest Department along with the Regional Office of the Ministry to ascertain the status of forests, based on which, the Certificate in this regard as mentioned above be issued. In all such cases, it would be desirable for representative of the State Forest Department to assist the Expert Appraisal Committees.	The Mines area does not involve forest land, but there is forest within the 1km radius of lease boundary, where active mining is carried out by TANMAG in the north. The proponent has also applied for NOC from PCCF for forest and wildlife clearance. The DFO recommendation letter to PCCF is attached as annexure – XLIII.
13.	Status of forestry clearance for the broken up area and virgin forestland involved in the Project including deposition of net present value (NPV) and compensatory afforestation (CA) should be indicated. A copy of the forestry clearance should also be furnished.	The proponent has also applied for NOC from PCCF for forest and wildlife clearance. The DFO recommendation letter to PCCF is attached as annexure – XLIII.
14.	Implementation status of recognition of forest rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 should be indicated.	Not Applicable
15.	The vegetation in the RF / PF areas in the study area, with necessary details, should be given.	The vegetation in the RF/PF areas in the study area is given in detail in Chapter 3. Refer Page No.142-167.
16.	A study shall be got done to ascertain the impact of the Mining Project on wildlife of the study area and details furnished. Impact of the project on the wildlife in the surrounding and	Eco biodiversity (EB) study has been done for the project which details the impact on surrounding wildlife and mitigation measures are discussed and given in

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	any other protected area and accordingly, detailed mitigative measures required, should be worked out with cost implications and submitted.	Chapter-4, Clause 4.6,Pg. No. 276-292
17.	Location of National Parks, Sanctuaries, Biosphere Reserves, Wildlife Corridors, Ramsar site Tiger/Elephant Reserves/(existing as well as proposed), if any, within 10 km of the mine lease should be clearly indicated, supported by a location map duly authenticated by Chief Wildlife Warden. Necessary clearance, as may be applicable to such projects due to proximity of the ecologically sensitive areas as mentioned above, should be obtained from the Standing Committee of National Board of Wildlife and copy furnished.	There is no Wild Life Sanctuary in the study area of M/s Dalmia Bharat Sugar and Industries Ltd, Salem Refer Table No.2.2, Pg. No. 28 in Chapter 2. The proponent has also applied for NOC from PCCF for forest and wildlife clearance. The DFO recommendation letter to PCCF is attached as annexure – XLIII.
18.	A detailed biological study of the study area [core zone and buffer zone (10 km radius of the periphery of the mine lease) shall be carried out. Details of flora and fauna, endangered, endemic and RET Species duly authenticated, separately for core and buffer zone should be furnished based on such primary field survey, clearly indicating the Schedule of the fauna present. In case of any scheduled- I fauna found in the study area, the necessary plan along with budgetary provisions for their conservation should be prepared in consultation with State Forest and Wildlife Department and details furnished. Necessary allocation of funds for implementing the same should be made as part of the project cost.	Details of Flora and Fauna found in the studyarea are given in the clause 3.12(Pg. No 142- 167). The flora and fauna in study area given by Forest Department is attached as annexure -LIV
19.	Proximity to Areas declared as 'Critically Polluted' or the Project areas likely to come under the 'Aravali Range', (attracting court restrictions for mining operations), should	The project site is neither falling under 'Aravalli range' nor it is located in proximity to area declared as Critically Polluted Area.

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	<p>also be indicated and where so required, clearance certifications from the prescribed Authorities, such as the SPCB or State Mining Department should be secured and furnished to the effect that the proposed mining activities could be considered.</p>	
20.	<p>Similarly, for coastal Projects, A CRZ map duly authenticated by one of the authorized agencies demarcating LTL, HTL, CRZ area, location of the mine lease w.r.t CRZ, coastal features such as mangroves, if any, should be furnished. (Note: The Mining Projects falling under CRZ would also need to obtain approval of the concerned Coastal Zone Management Authority).</p>	<p>Not Applicable. The mining area is located 176km from Bay of Bengal (SE). Hence, the project doesn't attract the C.R.Z. Notification, 2011. Refer chapter 2 Table No.2.2(Pg.No 28).</p>
21.	<p>R&R Plan/compensation details for the Project Affected People (PAP) should be furnished. While preparing the R&R Plan, the relevant State/National Rehabilitation & Resettlement Policy should be kept in view. In respect of SCs /STs and other weaker sections of the society in the study area, a need based sample survey, family-wise, should be undertaken to assess their requirements, and action programmes prepared and submitted accordingly, integrating the sectoral programmes of line departments of the State Government. It may be clearly brought out whether the village(s) located in the mine lease area will be shifted or not.</p> <p>The issues relating to shifting of village(s) including their R&R and socio-economic aspects should be discussed in the Report.</p>	<p>The mining project does not involve any kind of displacement of the population since the mining will be concentrated only in the Mines area. The impact of mining activity on the population will be insignificant. Hence, Rehabilitation of settlements is not anticipated under this project as it will not be required. (Refer Clause 7.3 Pg. No. 334).</p> <p>The Socio-Economic study detailed in Clause 3.13 of Chapter 3, (Pg.No:168-198) of the EIA report.</p>
22.	<p>One season (non-monsoon) [i.e. March-May (Summer Season); October-December (post monsoon season) ; December-February (winter season)] primary baseline data on</p>	<p>Post Monsoon monitoring data on Air quality for a period of three months and Water quality, and Noise level, Soil and Flora & Fauna in core and buffer zones</p>

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	<p>ambient air quality as per CPCB Notification of 2009, water quality, noise level, soil and flora and fauna shall be collected and the AAQ and other data so compiled presented date-wise in the EIA and EMP Report. Site-specific meteorological data should also be collected. The location of the monitoring stations should be such as to represent whole of the study area and justified keeping in view the pre-dominant downwind direction and location of sensitive receptors. There should be at least one monitoring station within 500 m of the mine lease in the pre-dominant downwind direction. The mineralogical composition of PM10, particularly for free silica, should be given.</p>	<p>are detailed in Chapter 3. The flora and fauna in study area given by Forest Department is attached as annexure –LIV</p>
23.	<p>Air quality modeling should be carried out for prediction of impact of the project on the air quality of the area. It should also take into account the impact of movement of vehicles for transportation of mineral. The details of the model used and input parameters used for modeling should be provided. The air quality contours may be shown on a location map clearly indicating the location of the site, location of sensitive receptors, if any, and the habitation. The wind roses showing pre-dominant wind direction may also be indicated on the map.</p>	<p>The detail on air quality status predicted is detailed in Clause 4.1 of Chapter 4, Pg.No. 229-248</p> <p>Wind Rose Pattern is shown in Fig. 3.9, (Pg. No: 99,100) of Chapter 3.</p>
24.	<p>The water requirement for the Project, its availability and source should be furnished. A detailed water balance should also be provided. Fresh water requirement for the Project should be indicated.</p>	<p>The water requirement for the Project is 40 KLD. Refer clause 4.3 of Chapter 4. (Pg.No:261, 262).</p> <p>Water Balance chart is shown in Fig No: 4.11 in 4th chapter (Pg. No.261). The source of water is bore well near mines office in lease area.</p>
25.	<p>Necessary clearance from the Competent</p>	<p>M/s Dalmia Bharat Sugar and Industries</p>

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	Authority for drawl of requisite quantity of water for the Project should be provided.	Ltd, Salem requires water for drinking and for water spraying, dust suppression and plantation. Water for drinking and for dust control shall be taken from the existing bore wells. NOC from SGWD has been attached as Annexure–XLIV.
26.	Description of water conservation measures proposed to be adopted in the Project should be given. Details of rainwater harvesting proposed in the Project, if any, should be provided.	The project does not consume any water except for drinking, dust suppression & plantation. Plantation is proposed, which will increase the water holding capacity & help in recharging of ground water. The mined out pits will be used for rain water harvesting post operationally. (Refer Fig 4.11 & Clause 4.3 of Chapter 4, Pg. No. 261,262) Rain water harvesting is given detail in page no 335, Clause 7.4.
27.	Impact of the Project on the water quality, both surface and groundwater, should be assessed and necessary safeguard measures, if any required, should be provided.	The impacts of the project on the water quality are assessed and necessary safeguard measures will be provided. (Refer Clause 4.3.1 of Chapter 4, Pg. No: 262- 272).
28.	Based on actual monitored data, it may clearly be shown whether working will intersect groundwater. Necessary data and documentation in this regard may be provided. In case the working will intersect groundwater table, a detailed Hydro Geological Study should be undertaken and Report furnished. The Report inter-alia shall include details of the aquifers present and impact of mining activities on these aquifers. Necessary permission from Central Ground Water Authority for working below ground water and for pumping of ground water should also be obtained and copy furnished.	The mining operation will be up to 335m RL above the MSL. The ground water table is reported as 335m RL above the MSL. The mining operation will be done only above water level. Hence, proposed project will not affect the ground water quality. Refer Fig 4.12 page No 262 in chapter 4. A detailed Hydro Geological Study has been carried out and furnished in as separate annexure.

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29.	Details of any stream, seasonal or otherwise, passing through the lease area and modification / diversion proposed, if any, and the impact of the same on the hydrology should be brought out.	There is no stream crossing inside the mine lease area and no need for modification / diversion. (Refer Fig No 1.2 Page No 12 in Chapter 1).
30.	Information on site elevation, working depth, groundwater table etc. should be provided both in AMSL and bgl. A schematic diagram may also be provided for the same.	Site elevated from 348-400 m above MSL is given in Clause 2.2 in Chapter 2. The mining operation will be maximum upto 335m RL above MSL. The ground water table is 335m RL above MSL. The mining operation will be done only above water level. So it does not affect the quality of water. Hence there will not be any intersection of mining operation with ground water table. Refer Fig 4.12 page No 262 in chapter 4.
31.	A time bound Progressive Greenbelt Development Plan shall be prepared in a tabular form (indicating the linear and quantitative coverage, plant species and time frame) and submitted, keeping in mind, the same will have to be executed up front on commencement of the Project. Phase-wise plan of plantation and compensatory afforestation should be charted clearly indicating the area to be covered under plantation and the species to be planted. The details of plantation already done should be given. The plant species selected for green belt should have greater ecological value and should be of good utility value to the local population with emphasis on local and native species and the species which are tolerant to pollution.	Phase-wise plan of plantation has been charted clearly indicating the area to be covered under plantation and the name of the species detailed in Table 4.34. Refer pg. No. 288. The area of greenbelt already done is 98.03Ha which covers OB dumps, reclaimed area, office building etc. The balance area of 6 Ha will be covered in next nine years. Refer Chapter 13(Pg. No390, 391). The proposed Afforestation plan is given in 4 th chapter. Refer Page No. 288.
32.	Impact on local transport infrastructure due to the Project should be indicated. Projected	The mining activities will be carried out using the existing roadways only, with no

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	increase in truck traffic as a result of the Project in the present road network (including those outside the Project area) should be worked out, indicating whether it is capable of handling the incremental load. Arrangement for improving the infrastructure, if contemplated (including action to be taken by other agencies such as State Government) should be covered. Project Proponent shall conduct Impact of Transportation study as per Indian Road Congress Guidelines.	increase in the existing traffic pattern.(Refer Fig No 2.2 in Chapter 2, Page No. 20)
33.	Details of the onsite shelter and facilities to be provided to the mine workers should be included in the EIA Report.	Onsite shelter and facilities like temporary shed will be provided to the mine workers. Refer Table 2.17, Page No.91 of chapter 2.The workers in the mines will be provided rest shed, first aid stations, and ambulance facility. The hazardous protecting equipment also will be provided to the employees such as helmet, ear muff, mask etc. (Refer Table 10.1 of Chapter 10 (Pg No 347-355).
34.	Conceptual post mining land use and Reclamation and Restoration of mined out areas (with plans and with adequate number of sections) should be given in the EIA report.	Post-Mining (Conceptual) Land Use with Environment Management has been prepared. (Refer Clause 2.6, Pg. No. 86-87 of Chapter 2). Also Refer fig No 2.44, 2.45, 2.46- Pg No.88, 89, 90.
35.	Occupational Health impacts of the Project should be anticipated and the proposed preventive measures spelt out in detail. Details of pre-placement medical examination and periodical medical examination schedules should be incorporated in the EMP. The project specific occupational health mitigation measures with required facilities proposed in the mining area may be detailed.	Occupational Health impacts of the Project will be anticipated and the proposed preventive measures are detailed in EIA report. (Refer Clause 4.9 of Chapter 4, Pg. No: 298).

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36.	Public health implications of the Project and related activities for the population in the impact zone should be systematically evaluated and the proposed remedial measures should be detailed along with budgetary allocations.	All control measure for air emission, noise control, and waste management will be taken as per norms. Hence there will not be any impact on population. (Refer Chapter 4& Pg. No: 229-303).
37.	Measures of socio economic significance and influence to the local community proposed to be provided by the Project Proponent should be indicated. As far as possible, quantitative dimensions may be given with time frames for implementation.	Details of community welfare activities proposed for the local community, along with proposed budget have been incorporated in EIA Report (Refer Clause 8.1 of Chapter 8, Pg. No: 321-326).
38.	Detailed environmental management plan (EMP) to mitigate the environmental impacts which, should inter-alia include the impacts of change of land use, loss of agricultural and grazing land, if any, occupational health impacts besides other impacts specific to the proposed Project.	Environmental Management Plan for the Proposed Quarry has been prepared and incorporated in Chapter 10.(Pg.No.337-345).
39.	Public Hearing points raised and commitment of the Project Proponent on the same along with time bound Action Plan with budgetary provisions to implement the same should be provided and also incorporated in the final EIA/EMP Report of the Project.	The Public Hearing has been conducted. The minutes of PH is attached as annexure –XL.
40.	Details of litigation pending against the project, if any, with direction /order passed by any Court of Law against the Project should be given.	Litigation against the project is mentioned in Annexure -XXIX.
41.	The cost of the Project (capital cost and recurring cost) as well as the cost towards implementation of EMP should be clearly spelt out.	Total Cost of the Project and EMP are 1957.07 Lakhs and 20Lakhs respectively. (Refer Clause 2.8 of Chapter 2 Pg. No 93).
42.	A Disaster management Plan shall be prepared and included in the EIA/EMP Report.	A detailed Risk and Disaster Management Plan has been prepared and detailed in clause 7.2 of Chapter 7.

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		(Pg.No: 327).
43.	Benefits of the Project if implemented shall clearly indicate environmental, social, economic, employment potential, etc.	If the Project is implemented, mining activity will help in improving environmental, social, economic and employment potential directly and indirectly in the study area. Refer Chapter 8, Pg.No: 337-345.
44.	The activities and budget earmarked for (CER) shall be as per Ministry's O.M.NO 22-65/2017-1A.II(M) dated 01.05.2018 and the action plan on the activities proposed under CER shall be submitted at the time of appraisal of the project included in the EIA/EMP Report	As per O.M dated 30.09.2020, CER has been overruled and replaced as deliberation on the commitments made by project proponent to address the concerns raised during public consultation.
45.	The action plan on the compliance of the recommendations of the CAG as per Ministry's Circular NO.J-11013/71/2016-IA.I(M),dated 25.10.2017 needs to be submitted at the time of appraisal of the project and included in the EIA/EMP Report.	The compliance of the recommendations of the CAG as per Ministry's Circular No. J-11013/71/2016-IA.I (M), dated 25.10.2017 is given as separate Table below.
46	Compliance of the Ministry's Office Memorandum No.F.350/2017IA.III(Pt.),dated30.05.2018 on the judgment of Hon'ble Supreme Court, dated the 2 nd August,2017in Writ Petition (Civil)No.114 of 2014 in the matter of Common Cause versus Union of India needs to be submitted and included in the EIA/EMP Report.	In compliance of the office memorandum, we had already submitted our affidavits dated 21.10.2019 and 20.11.2012, copy of the same is enclosed herewith. We shall continue to abide by the same.
47	Besides the above, the below mentioned general points are also to be followed (a) All documents to be properly referenced with index and continuous page numbering. (b) Where data are presented in the report especially in table the period in which the data were collected and	Yes, all documents are properly referenced with index and continuous page numbering. Yes. Separate Contents for Tables have been included in EIA Report.

	<p>the sources should be indicated.</p> <p>(c) Project proponent shall enclose all the analysis/testing reports of water, air,soil,noise etc., using the MOEF and CC/NABL accredited laboratories all the original analysis/testing reports should be available during appraisal of the project</p> <p>(d) Where the documents provided are in alanguage other than English,an english translation should be provided</p> <p>(e) The questionnaire for environmental appraisal of mining projects as developed earlier by the ministry shall also be filled and submitted.</p> <p>(f) While preparing the EIA reports, the instruction for the proponents and the instruction for the consultants issued by MOEF vide O.M No J-11013/41/2006-1A.II (i) dated 4th August 2009,which are available on the website of this ministry,should be followed.</p> <p>(g) Changes, if any made in the basic scope and project parameters (as submitted in form-1 and the PFR for securing the TOR)should be brought to the attention of MOEF & CC with reasons for such changes and permission should be sought as the TOR also have to be altered post</p>	<p>Baseline Monitoring Report enclosed.</p> <p>NA</p> <p>Yes, environmental appraisal of mining projects also submitted along with the EIA report.</p> <p>Yes, Followed as per MoEF&CC O.M. No. J-11013/41/2006-IA.II (I) dated 4th August, 2009.</p> <p>No changes have been made.</p>
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	<p>public hearing changes in structure and content of the draft EIA/EMP (other than modification arising out of the P.H. process) will entail conducting the PH again with the revised documentation</p> <p>(h) As per the circular number.J-11011/618/2010-1AII (1) dated 30.05.2012 certified report of the status of compliance of the condition stipulated in the environment clearance for the existing operations of the project,should be obtained from the regional office of ministry of Environment .Forest and climate change ,as may be applicable.</p> <p>(i) The EIA report should also include (a) surface plan of the area indicating contours of main topographic features, drainage and mining area (b) geological maps and sections and (C) sections of the mine pit and external dumps,if any,clearly showing the land features of the adjoining area.</p>	<p>Not Applicable as of now</p> <p>EC for project was/is required from Aug 2006, when second renewal of mining lease fell due.</p> <p>Grant of EC for the Project is pending from Feb 2006 for the reasons not attributable to Project Proponent.</p> <p>All details of lease area and required Maps are included in Chapter 2.</p>
48	<p>The prescribed TOR would be valid for a period of 4 years for submission of the EIA/EMP report, as per the O.M.No.J-11013/41/2006-IA.II(I) dated 23.03.2010,22.08.2014,08.10.2014,07.11.2014 and ministries notification S.O.751(E) dated 17th February ,2020.The instant TOR is valid upto four years from the date of issue of TOR.</p>	Yes
49	After preparing the draft EIA (as per the	Yes, the project proponent will notify the

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	<p>generic structure prescribed in Appendix-III of the public hearing conducted and take further necessary action for obtaining environmental clearance in accordance with the procedure prescribed under the EIA Notification,2006.</p>	<p>issues raised during public hearing and allocate the funds to resolve the issues. The details has been attached in the Final EIA report</p>
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Compliance of Specific Condition given in the ToR

S.No	ToR	Compliance
1.	<p>Ministry has issued, a letter dated 25.11.2020 to the state Govt to take action against the proponent under section 19 of the E (P) Act 1986. Status of action taken by the State govt/SPCB u/s 19 of the E (P) Act shall be submitted.</p>	<p>TNPNB issued show cause notice Proceeding no: DEE/TNPNB/SLM/F.0006/2020 dated 04.05.2020 under Sec.19 of EP (Act) 1986. We submitted our reply vide letter no: SL:MM:26150 dated: 06.07.2020. Further action is pending with TNPNBd.</p> <p>TNPNB earlier issued following show cause notices as well on the alleged ground of mining without EC</p> <ul style="list-style-type: none"> ○ Notice dated 5th Feb 2013 U/s 24 of Water Act ○ Notice dated 5th Feb 2013 U/s 21 of the Air Act ○ Notice dated 3rd June 2014 U/s 19 of Environment Protection Act ○ Show Cause vide Proceeding Letter No.FEF/TNPNB/SLM/F/006/20 by Tamil Nadu State Pollution Control Board U/s 19 of Environment Protection Act dated 4th May, 2020 <p>Replies to the notices have already been filed on 06.07.2020.</p>
2.	<p>Assessment of ecological damage with respect to air, water, land and other environmental attributes. The collection and analysis of data shall</p>	<p>The ecological damage assessment with respect to air, water, land and other environmental attributes was done and given in chapter 13. Refer</p>

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	be done by an environmental laboratory duly notified under the Environmental (Protection) Act, 1986, or an environmental laboratory accredited by NABL, or a laboratory of a Council of Scientific and Industrial Research (CSIR) institution working in the field of environment.	Page No 384-421.
3.	Preparation of remediation plan and natural and community resources augmentation plan corresponding to the ecological damage assessed and economic benefits derived due to violation.	Preparation of remediation plan and natural and community resources augmentation plan corresponding to the ecological damage assessed is given in detail in Chapter 13. Refer Page No 416-421.
4.	The remediation plan and the natural and community resource augmentation plan to be prepared as an independent chapter 13 in the EIA report by the accredited consultants.	Yes, the remediation plan and the natural and community resource augmentation plan is prepared as an independent chapter 13. Refer Page No 416-421.
5.	Budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage shall be completed within three years and to be prepared accordingly.	Yes, budget of remediation plan and natural and community resource augmentation plan corresponding to the ecological damage will be completed within three years.
6.	EIA/EMP report shall be prepared taking cognizance and impacts (Cumulative) of the adjacent mines leases, if any.	Combine impact of the mines in the adjacent area is given in Chapter 4. Refer Page No. 303.
7.	Incase of violation of undertaking by the way of affidavit to comply with all the statutory requirements and judgment of Hon'ble Supreme Court dated, the ToR Clearance shall be liable to be terminated forthwith.	In this regard affidavits dated 21.8.2019 & 20.11.2019 are attached herewith Annexure No-XVII and XVIII.
8.	One season fresh base line data shall be collected for preparing of EIA/EMP reports.	One season fresh baseline has been collected and the details are given in Chapter 3 Refer Page No 98-198.
9.	The PP is required to conduct public hearing as per EIA notification, 2006	The Public Hearing has been conducted and the details are given in chapter 7.

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	and as amended thereof.	Refer Page No.311-326
10.	The PP should also address the all the issues raised during the already held public hearing along with commitments made and with fund provision to address above issues in tabular form to be submitted along with EIA/EMP report.	Yes, the project proponent has notified the issues raised during public hearing and allocated the funds to resolve the issues. The details are attached in Chapter 7. Refer Page No.311-326
11.	Detailed hydrological study to be carried out in core and buffer zone of the project as per GEC 2015 guidelines.	Yes detailed hydrogeological studies has been carried out in core and buffer zone as per GEC 2015 and the report are given in Chapter 3.
12.	The action plan on the compliance of the recommendations of the CAG as per Ministry's Circular No. J-11013/71/2016-IA.I (M), dated 25.10.2017 needs to be submitted at the time of appraisal of the project and included in the EIA/EMP Report.	The compliance of the recommendations of the CAG as per Ministry's Circular No. J-11013/71/2016-IA.I (M), dated 25.10.2017 is given as separate Table below.
13.	Details of benefit accrued during the violation period along with capital cost of the project are to be submitted.	Please refer Chapter 13 and Annexure No-LV.
14.	Mine plan as approved by Indian Bureau of mines to be submitted	Yes Mine plan as approved by Indian Bureau of mines vide its letter dated 30.03.2021 is submitted. Please Refer Annexure -XLI.
15.	DGMS permission is to be submitted for blasting at project site, if any.	DGMS permission under REG.106(2)(b) of MMR 1961 No:2719120003/II-B/79 dated 04.09.1985 and modification vide letter no:D/A3/Permn/96/1569 dated 06.03.1996. Copy enclosed as Annexure No:VIII.
16.	As per Ministry's Notification dated 25 th July, 2018 DSR shall be submitted with EIA/EMP report for minor mineral.	The DSR is attached with the EIA report as separate annexure –LIII
17.	Details as per Annexure XI as mentioned in the agenda shall be submitted.	Annexure XI is submitted. It is given below.

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<p>18.</p>	<p>Valid Mine lease documents from the State department of mines be submitted with EC application.</p>	<p>The mining lease for Magnesite over an extent of 574.46 ha. in S.F.No.6 (unassessed dry waste land belonging to Govt. of Tamil Nadu) of Chettichavadi village, Salem Taluk & Dist. was sanctioned over a period of 20 years by G.O.Ms. No.903 Industries, Labour and Co-operation Department dated 25-2-1966.</p> <p>By G.O.MS.No.801 26th June 1976 another Mining Lease was granted over the same area of land for mining of Dunite for a period of 10 years.</p> <p>By G.O.Ms.No.74 Industries Department dated 11th March, 1997 the Govt. of Tamil Nadu sanctioned the grant of first renewal of mining lease for Magnesite and Dunite over an extent of 531.98 hectares (to make them co-terminus) in S.F.No.6 of Chettichavadi village, Salem Taluk and District for a period of 20 years w.e.f. 20.8.1986 to 19.8.2006. Refer Page No. 1</p> <p>Project Proponent timely applied for second renewal of its mining lease vide application dated 11.07.2005. Pursuant to the filing of said application, during the period 20th August 2006 to 11th Jan 2015 the mining lease subsisted under the provisions of <i>deemed extension</i> in terms rule 24 (6) (A) of MCR 1960, thereafter the mining lease has been extended up to 31st March 2030 by virtue of Sec 8 (A) (5) of MMDR Act 1957.</p> <p>Project Proponent from time to time vide its various letters including letter dated 17th Feb 2021 and letter dated 25th Sept 2021 had requested State Mining Dept. to issue</p>
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		<p>valid mining lease documents. State Mining Dept. have not responded to the same. In this connection W. A. No. 834 & 835 are pending before Madras High Court</p> <p>Following documents are enclosed in this regard</p> <ol style="list-style-type: none"> 1. A Copy of last bulk transport permit no-62 issued by State Mining Dept. in the year 18.11.2019. 2. Notice of Temporary Discontinuation of Mines since 27th Jan. 27th Jan 2020 to await grant of EC. 3. Copy of Application filed U/r 20 of MCR 2016 for extension of Temporary Discontinuation in case grant of EC is delayed beyond 27th January 2022. 4. Copy of last IBM return filed for the year 2019-20. 5. Based on our letter dt 14.07.2021 to the State Govt through District Collector, the District Collector vide letter dated 13.08.2021 recommended our mines case to the Secretary, Industries Dept for issue of order of non lapsing of lease. <p>The EC may be granted to the Project Proponent subject to the mining lease of the Project Proponent's being in force / subject to the issuance of valid mining lease documents from State Mining Dept.</p>
19.	Impact assessment of mining activity on the National park, WLS etc within 10km of the study area shall be studied.	Impact of mining activity on the National park, WLS etc within 10km of the study area has been studied. Refer Chapter 4. Refer Page No 276-292

Compliance of the recommendations of the CAG as per Ministry's

Circular No. J-11013/71/2016-IA.I (M), dated 25.10.2017

S.No	Recommendations of CAG	Compliance
1.	Revalidation of data with respect of grant of ToR/EC to be carried out on regular basis with NIC	Yes, the Revalidation of data with respect of grant of ToR/EC to be carried out on regular basis with NIC.
2.	While scrutinizing the EIA reports may ensure that they are as per the ToR, comply with the generic structure, baseline data is accurate and concerns raised during the public hearing are adequately addressed.	The Draft and Final EIA report has been prepared as per recommended TOR and generic structure with accurate baseline data. The concern raised during public hearing has been included in the Final EIA report. Refer Chapter 7. Page No 311-326
3.	The EIA Reports/EC letters should clearly mention cost of activities under EMP and ESR along with the timelines for their implementation.	The Cost of EMP and ESR are mentioned in EIA report. Please Refer Page No 355 of Chapter 10 and Page No. 418, 419 of Chapter 13.
4.	EMP/EC conditions should be more specific for the area to be developed under Green Belt and species to be planted in consultation with Forest/Agriculture Department along with post EC third party evaluation	Already the afforestation plan was carried out after consultation with forest officer for the area of 98.03 Ha within the lease area. For the next five years, addition of 6 Ha area is proposed for green belt development within the premises. The details are given in Chapter 13.
5.	Copy of EC letter to these projects should be endorsed to CGWA to ensure monitoring of ground water extraction.	The copy of EC Letter will be endorsed to CGWA to ensure monitoring of ground water extraction.
6.	While appraising the EC application, the name and number of posts to be engaged by the proponent for implementation and monitoring of environmental parameters be specified.	The baseline studies were conducted around the mine lease area. Totally six monitoring stations were chosen to conduct the study. The same station will be taken in future to monitor the environmental parameters. The name of village with the latitude and longitude is given in chapter 3. Refer Page No 101, 118, 131, 125
7.	While prescribing the conditions of EC please mention installation of monitoring stations and frequency of monitoring of various environment parameters in respect of air, surface water, ground water,	The environmental Monitoring schedule is given Chapter 6. Refer Page No. 307

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	noise etc.	
8.	While scrutinizing the EC application, should ensure that the EIA report is prepared by accredited consultant having no conflict of interest with any committee processing the case.	The EIA report is prepared by NABET Accredited Consultant – Aadhi boomi Mining and Enviro Tech Pvt Ltd, Salem – A Category in Mining.
9.	The conditions of EC should be compatible with the nature and types of project in order to avoid non-uniformity in similar kinds of projects.	Yes, The conditions of EC should be compatible with the nature and type of project.
10.	The EIA report should clearly mention activity wise EMP and ESC cost details and should depict clear break-up of the capital cost. The basis of allocation of EMP and ESC cost should be detailed in the EIA report to enable the comparison of compliance with the commitment by the Central and State monitoring agencies. The capital and revenue expenditure amount to be spent on EMP and CSR cost should be distinctly specified in the EC letter. It should be ensured that there is a time bound action plan for fulfilling the EMP commitment mentioned in the EIA report to the EC letter	The Environmental management Plan and its cost are given detail in Chapter 10. Refer Page No 347-355. The CSR activity and its cost are given in Chapter 13
11.	On maintenance of separate account for EMP and ESC, EC conditions should be more specific like opening a separate bank account and accounting format with specific heads of accounts in order to provide financial accountability by project proponents. This should be made compulsory part of the Annual Environment Statement.	The project proponent will open separate Bank account for the maintenance of the EMP, ESC and EC condition.

Compliance of Annexure –XI given in Agenda

Input Data for Mining & Industries projects for EC

Baseline Data

1) Air

a) Construction

Criteria Pollutants	Unit		Minimum value		Maximum Value		98 percentile value		Prescribed standard
	gm/sec	Mg/m ³	gm/sec	Mg/m ³	gm/sec	Mg/m ³	gm/sec	Mg/m ³	Mg/m ³
PM10	-		-		-		-		-
PM2.5	-		-		-		-		-
SO2	-		-		-		-		-
NOx	-		-		-		-		-

b) Operation

Criteria Pollutants	Unit	Minimum value	Maximum Value	98 percentile value	Prescribed standard
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	gm/sec	Mg/m ³	gm/sec	Mg/m ³	gm/sec	Mg/m ³	gm/sec	Mg/m ³	Mg/m ³
PM10	Mg/m ³		0.042		0.061		0.06086		0.1
PM2.5	Mg/m ³		0.019		0.033		0.03186		0.06
SO2	Mg/m ³		0.004		0.013		0.01272		0.08
NOx	Mg/m ³		0.008		0.019		0.01872		0.08

Criteria Pollutants: (PM10, PM2.5, SO2, NOx, Other parameters specific to sector)

Unit: (Micro gram per meter cube, nano gram per meter cube, milli gram per meter cube, etc)

2. Details of Ground Water

Criteria of Pollutants as per standards	Pre-construction	Post Construction	Post Operation	Remarks
PH	-	-	8.07	Within the permissible limits
DO	-	-	-	-
BOD	-	-	-	-
COD	-	-	-	-
TDS	-	-	202mg/l	Within the permissible limits
TSS	-	-		
Heavy Metals	-	-	0.2mg/l(Iron)	Within the permissible limits
Chlorides	-	-	16mg/l	Within the acceptable limits
Flourides	-	-	0.4mg/l	Within the acceptable limits

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Other	-	-	4mg/l (Sulphate)	Within the acceptable limits
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Water Consumption:

	Construction	Operation	Remarks (NOC/ No NOC)
STP Water / Other in KLD	-	-	NA
Ground Water /Borewell in KLD	-	40 KLD	Application submitted to Groundwater board
Surface Water as per GEC 2015 in KLD	-	-	No NOC
Fresh Water (Domestic)	-	-	NC
No. of RWH pits required	-	Already three mine sump is developed	No NOC
No. of RWH Pits less provided	-	-	No NOC
GW Intersection (level)	-	Water table is 335m RL above MSL and mining depth is 335m RL above MSL	No NOC

3) Noise:

Location:	Parameter	Maximum	Minimum	Threshold Value	Remarks
Industrial	Leq Day	45.8	40.8	75	Within in permissible

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					standard
	Leq Night	39.2	34.1	70	Within in permissible standard
Residential	Leq Day	46.2	43.3	55	Within in permissible standard
	Leq Night	41.8	38.1	45	Within in permissible standard

4) Ecology / Bio-Diversity / LU/LC

a) LULC Impact in Ha:

Comparison pre/post construction / operation

Less Agriland - The mining lease area was not an agricultural land

Less Grazing Land - The mining lease area was not a Grazing land

Less Forest Land - There is no forest land within the lease area

There was no construction activity in the mining lease area. The plantation has been done every year to maintain the sustainability of the environment.

b) GB: No. Of trees to be planted

No. Of Trees less planted - 2000 trees has been planted every year since 1991 as per approved mining plan (62674 no of trees)

Plantation Required - Plantation will be carried out as per IBM approved Mining Plan

c) Soil:

Top Soil: There will be no top soil removal for the next five year plan as it is existing mine

Qty Less Used: The removed top soil was used for the plantation purpose in and around the mine lease area

d) WLC Plan

-

5) a) Solid waste management;

Qty Generated – Quantity of Spoil dump as on 01.01.2021 is 50198629 MT and quantity of Solid waste(Mine Reject) generated for the next five years will be 6020997 MT. The solid waste management is given in Chapter 4. The solid waste refers to mine waste only. So it does not comply with SWM Rules 2016.

b) OB/Waste Management

There is no overburden for the next five years.

Parameters	Units	Required	Provided	Less Provided
Garland Drain	Mtrs	75m/year as per IBM Mining plan	1805m since inception	Nil
Toe Drains	Mtrs	NA	NA	NA
Toe Walls	Nos.	75m/year as per IBM Mining plan	1805m since inception	
Check Dams	Nos.	NA	NA	NA
Settling Tanks/ Ponds	Sq. M	NA	NA	NA
Plantation	Sq. mtr	217300	192300	25000

6) Energy saving measures:

There is no building construction activity in the mine lease area. All the equipments such as loader, dumpers are diesel operated. The DG will be used during the power failure for the drilling activity.

7). RH/ OHS/ Disaster Management/ SMP:

a) Requirement – The risk has been assessed and the mitigation measures are given in the Chapter 7. Refer Page No. 313

Deficiency – Nil

8). Socio Economic Benefits (CSR)

31.03. 2021	Rs. 17,85,655
31.03.2020	Rs. 44,43,285
31.03.2015	Rs. 5,67,233
31.03. 2011	Rs. 15,05,000

The details of CSR activities carried out by project proponent is given in Chapter 8.

9) Economic Benefits Accrual:

- a). Saving in EMP Cost / year under violation. –2, 00,000
- b). Net profit earned – Years under violation - Nil

Additional Information for Considering EC for Mining Projects

S. No.	Details to be provided	Page no.
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1]	Name of the project lease & owner	1
2]	Lease Extent	1
3]	Lease Validity	31
4]	Approved Mining Plan – Review a) Specify whether DSR is provided [applicable in case of minor minerals only]	Yes DSR is submitted
5]	Specify – Nature and type of violation(Alleged)	Mining Without EC from 20 th August 2006, when the second renewal of mining lease fell due. Mining without Air Consent and Water Consent from 2013 onwards
	I. Without EC or in excess of quantity approved in EC	
	II. Without CTO or in excess of quantity approved in CTO	
	III. Without mining plan / Scheme of mining or in excess of quantity approved in Mining Plan / Scheme of mining	
	IV. Without Forest Clearance	
V. Any other violation		
6]	Alleged Violation period	13 years
	I. Number of months	
	II. Number of Years	
7]	Exploitation / Excavation quantity – Reserves proved through exploration by drilling	30
8]	Give details of production from the date of execution of the lease deed / since 1994	3
9]	Quantity mined out during the violation period & if, yes indicate the violated quantity, in term of % of consented quantity.	6

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10]	State illegal mining / encroachments outside the lease boundary? Percentage of quantity mined out outside the lease boundary.	Not applicable
11]	Method of working	2.5.3 Pg no: 44
	I. Category type ;[a] Mechanised [b] Semi-Mechanised [c] Manual	
	II. Construction and design of haul roads	
	a] Dimension as per the statutory requirements which were followed or otherwise	49,50 229-248
	b] Number of vehicles plying on the main haul roads inside the mine and the approach road to the pit located outside the mine, if any.	
	c] Are any measures taken to minimise fugitive dust generated form mine haul roads /Does it comply with the CPCB/PCB Guidelines/	
	d] Is there a possibility that air pollutants emitted from the project area that do not comply with air quality standards as per CPCB/PCB/	
12]	Mechanized /Semi- Mechanized Method of Mining	49,50 As per approved mining plan only. No additional equipment will be used.
	[i] Number of loading / excavating equipments as per approved mining plan and capacity.	
	[ii] Number of loading / excavating equipments actually being deployed and capacity.	
	[iii] Type and number of transporting equipments.	
	[iv] Type of transporting system used –[a] trucks [b] Any other mode	
	[v] Capacity and No. Trucks used as per approved mining plan	
	[vi] Capacity and No. Trucks used actually in the mine	

	[vii] Number and Capacity of loading equipments and trucks used not in line with approved mining plan													
	<table border="1"> <thead> <tr> <th></th> <th>Capacity[m³]</th> <th>Numbers</th> <th></th> </tr> </thead> <tbody> <tr> <td>Excavator</td> <td></td> <td></td> <td>NA</td> </tr> <tr> <td>Trucks</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>		Capacity[m ³]	Numbers		Excavator			NA	Trucks				
	Capacity[m ³]	Numbers												
Excavator			NA											
Trucks														
	[viii] Impact of excess deployment of loading equipments [excavators] and transporting equipments on environment. [a] Air pollutants [b] Water Quality [c] Land Quality [d] Noise level	Yes												
	[ix] Does the deployment of loading equipments[excavators] and trucks fulfill the statutory requirements as per MMR 1961, with respect to the site conditions													
13]	Method of Rock Breaking / Material preparation for the excavation;	30												
	[i] Methodology adopted-													
	[a] Drilling and blasting													
	[b] Rock breakers													
	[c] Rippers													
	[d] Surface miners													
	[e] Direct mucking by excavators													
	[f] Manual means													
	[g] Any other methods or combination of above													
	[ii] Incase of drilling and blasting method													
	[a] Type of blasting ; short hole or deep hole													

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	[b] Whether controlled blasting technique adopted / If yes, specify the technique with details of the study , year of study	229-303
	[c] Impacts due to blasting defined as per the studies , if any carried out previously as indicated	
	[d] Dust pollution	
	[e] Noise level[dB[A]]	
	[f] Ground vibration studies and Fly rock projection	
	[iii] Impact of preparation of Ore and waste on environment-	
	a) Air Pollution	
	b) Noise Pollution	
	c) Water Pollution	
	d) Safety standards	
	e) Traffic density	
	f) Road Conditions[vulnerability]	
14]	Construction and Design of Dumps.	135
	a) Place / Location	
	b) Approach to Dump form the mine distance and safety standards.	
	[c] Area of extent occupied	
	[d] Dimension of Dump and No. of terrace with heights [benches]	
	[e] Vegetation covered ;If yes, specify the details of plants	
15]	Construction and Design of Waste Dumps	135
	[i] Numbers and Location of Dumps as per approved Mining Plan	

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	[ii] Specify whether reject dumps are located within or outside mining lease	
	[iii] Area occupied in excess of the approval mining plan.	
	[iv] Dimension of Terracing, Light, shapes, etc., Dump as per approved Mining Plan	
	[v] Fresh / Existing Dimension Height, shape, width. etc., of Dumps in the mine.	
	[vi] Volume / Quantity added to Waste / Dump during the violated period.	
	[vii] Approach to the Dump-Dimension, distance.	
	[viii] Number of and type of equipments deployed in Dump.	
	[ix] Provision of Garland drains around the Dumps.	285-288
	[x] Any vegetation made on the slopes.	
	[xi] Provision of safety standards.	229-247
	[xii] Impact of Waste/Dumps on environment.	
	a] Air Pollution	
	b] Water Pollution	
	c] Dust Pollution	
	d] Noise Pollution	
	[xiii] Terracing	
16]	Construction and Design of Ore and sub grade ore / mineral Stacks;-	NA
	[i] Number and Location of Ore stacks.	
	[ii] Dimension of Ore / sub grade Stacks as per the Approved Mining Plan	
	[iii] Volume / Quantity added during the violation period.	

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	[iv] Any Screening plant or any other loading equipment engaged during the violated period.	
	[v] Approach to Ore / sub grade stack – Distance, hazards.	
	[vi] Safety standards adopted while operation.	
	[vii] Impact of ore / sub grade on environment	
	a] Air Pollution	
	b] Water Pollution	
	c] Dust Pollution	
	d] Noise Pollution	
17]	Mine Pit Water	
	[i] Intersection of Ground water table, specify the measures taken.	
	[ii] Ground water table as per hydro geological Studies [Pumping test]	
	[iii] Provision of Garland drains around pit and dumps	262, 272
	[iv] Water pollution	
	[v] Management of mine water	
	[vi] Ultimate pit limit, w.r.t. Ground water intersection and management of drainage of ground water.	
18]	Diversion of General Drainage / River / Nallah course for mining	Refer chapter 13

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19]	Clearing of vegetation before the commencement of mining operation – Number of trees [species wise]	Before commencement of Mining, the area was barren and rocky. Plantation has been done for green belt development every year.
20]	Man Power	293
	[a] Statutory management	
	[b] Regular [Non-statutory] Manpower	
21]	Occupational Health and Safety	298
	[a] Periodical monitoring of health standards of persons employed as per Mine Act, 1952	
	[b] Failure to inform statutory bodies periodically, if any	
22]	Population [Nearby Habitation]	168-198
	[i] Population / Significant Population / Dense Population within the buffer zone of 10 Kms.	318
	[ii] People displacement due to mining activities	
	[iii] Location / Existence of habitation near the river or any other historical / sensitive / forest distance.	
	[iv] Impact of mining on Surrounding and habitation- Air, Water, Noise, Pollution.	228-272
	[v] Socio Economic aspects of mining	
23]	CSR	340-342
	[a] Field ground Activities or studies. Actual amount spent towards CSR and the future proposal.	

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24]	NOC from DMG for quantity clarification in respect of settlement of all the amount payable against identified violation.	Pending
25]	For the Clearance of EC, Public Hearing is mandated as per MoEF & CC Notification. Give reason for exemption of Public Hearing	The details of Public Hearing is given in Chapter 7.
26]	Conceptual post mining land use / restoration	86-88
27]	Litigation / court cases, if any pending	Refer Annexure XXIX
28]	Disaster management plan for the mine	327-330

Sl. No	ADDITIONAL TOR CONDITIONS	COMPLIANCE
SECTION A	<p>Step 1: Enumerate the aspects of Violation:</p> <p>a) The proponent should enumerate the violations as applicable to the project.</p> <p>b) Furnish a description of each violation with quantitative and qualitative data.</p> <p>c) Violation categories are to be decided taking into consideration the stage at which the project execution stands.</p>	Refer Chapter 13. Refer Page No. 384-421
	<p>Step 2: Ecological Damage Assessment:</p> <p>a) For each aspect of violation enumerated in step (1), identify the resultant environmental damage that may have been caused.</p> <p>b) Furnish a description of the environmental damages with quantitative and qualitative data.</p>	Refer Chapter 13. Refer Page No. 384-421
	<p>Step 3: Remediation Plan:</p>	

	<p>a) For the Environmental damage(s) identified in the step (2) above, prepare the remediation plan for each or combination of damages.</p> <p>b) The remediation plan should essentially consists of problem statement, target to be achieved (quantity), standards, technology/procedure for remediation, equipment and machinery to be used, time schedule and remediation cost (direct and indirect cost, capital as well as O&M costs).</p>	<p>Reference: Table No. 13.21, (Page No. 417).</p> <p>Reference: Table No. 13.21, (Page No. 417).</p>
<u>SECTION B</u>	<p>1. Natural resource Augmentation:</p> <p>a) The resources that should be considered for augmentation should essentially consist of land, biota, air, water and other resources as applicable</p> <p>b) Proponent may choose one or more of the resource augmentation as applicable and provide a description of the augmentation proposal in detail for each resource.</p> <p>c) The proponent should also furnish the cost for each augmentation scheme.</p>	<p>Reference: Table No. 13.22, (Page No.418).</p> <p>Reference: Table No. 13.22, (Page No.418).</p> <p>Reference: Table No. 13.22, (Page No.418).</p>
	<p>2. Community resource Augmentation:</p> <p>a) The proponent should prepare a plan of action for addressing the needs of the community in terms of resources in the sectors of education, health and sports primarily and other such resources as applicable to the community in the vicinity of the project.</p> <p>b) The community resource augmentation plan should consist of rehabilitation of houses and people, budget allocation and time schedule for completing the activity</p>	<p>Reference: Table No. 13.22, (Page No.419).</p> <p>Not applicable</p>

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<u>SECTION C</u>	The proponent should prepare content for the ecological damage assessment, remediation plan, natural resource augmentation and community resources augmentation separately in a chapter and include in the EIA/EMP report	Reference: Chapter 13 (Page No. 384-421)
<u>SECTION D</u>	a) After the appraisal of the EIA/EMP report submitted by the proponent, the EAC will make a judgment of the quality of the content in the EIA/EMP report specifically with reference to the chapter covering the ecological damage assessment, remediation plan, natural resource augmentation and community resource augmentation.	Yet to be appraised
	b) In the judgment of EAC, if the quality of the content in the chapter is not satisfactory, the EAC may direct the proponent to further revise the chapter and resubmit the EIA/EMP report.	Yet to be appraised
	c) If EAC concludes that the technical part is satisfactory and the costing aspect is not satisfactory then the EAC may revert to legal provisions, MoEF & CC guidelines and similar expert committee recommendations for finalizing the cost aspects or the EAC may use its own expertise and experience in finalizing the cost.	Yet to be appraised
<u>SECTION E</u>	The proponent is directed to furnish data as per the questionnaire appended in Annexure I. It will help the EAC in arriving the ecological damage and the associated cost.	It is furnished in Annexure-I of ToR compliance
	In compliance with the Supreme court order stated in MoEF & CC letter F.NO. 3-50/2017 IA.III-pt dated:05 th January 2018, the proponent is required to submit the No Objection Certificate obtained from the department of Geology and Mining, Government of Tamilnadu regarding payment of 100% cost of illegally mined mineral under	In this regard following actions have already been taken by State Mining Dept. through District Collector, Salem Order 18 th June 2019 for payment of INR 11.44 crore on the quantity of Dunite mined without EC for the period 1 st April 2000 to 31 st Aug 2018,

<p><u>SECTION F</u></p>	<p>section 21(5) of MMDR Act 1957 which would account for mining operations in violations of the following:</p> <ol style="list-style-type: none"> a) Without Environmental Clearance(EC), or in excess of the quantity approved in EC b) Without Consent to Operate (CTO) or in excess of the quantity approved in CTO and c) Without mining plan/scheme of mining or in excess of the quantity approved in mining plan/scheme of mining d) Without Forest Clearance e) Any other violation <p>List out the details of reserve forest and wildlife sanctuary nearby the project site (the details should also include other districts which are nearby the project site) and also furnish the detail of distance between the project site and reserve forest/wildlife sanctuary.</p> <p>Whether the project site attracts the HACA clearance? If so, also furnish the HACA clearance for the mining from the competent authority.</p> <p>The proponent is instructed to fill in the form contained in Annexure 1 to work out the details of the ecological damage during the violation period.</p>	<p>followed by notice of recovery dated 8th July 2021, in terms of orders of Apex Court in the matter of Common Cause (W.P. No. 114/2014, order dated 2nd Aug 2017</p> <p>Order 8th July 2020 for payment of INR 7.24 crore on the quantity of Magnesite mined without EC for the period 1st April 2000 to 31st March 2018, in terms of orders of Apex Court in the matter of Common Cause (W.P. No. 114/2014, order dated 2nd Aug 2017).</p> <p>These matters are pending for final adjudication before Madras High Court (Details are mentioned in Annexure LVII)</p> <p>The DFO recommendation letter to PCCF is attached as annexure – XLIII.</p>
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		<p>Not applicable</p> <p>It is furnished in Annexure I of ToR compliance</p>
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