

## Minutes of EAC Meeting

**Subject:-** Table Agenda of 133

**Venue:-** SEAC Conference Hall

**From :-** 01 Oct 2019

**To :-** 01 Oct 2019

Date :- 16 Dec 2019

(1.) Proposal No. :- **SIA/TN/MIN/36277/2019** File No- **0033**

Type- **EC**

### INTRODUCTION

The proponent made online application vide proposal no. **SIA/TN/MIN/36277/2019** dated **25 Jun 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **R.Bakiyaraj, Savudu quarry from over an Extent of 1.24.5ha in S.F.No. 123/2B at Velangipattu Village of Bhuvanagiri Taluk, Cuddalore District** of M/s **GEO EXPLORATION MINING** located in Village State **Tamil Nadu** was initially received in the Ministry on **11 Apr 2019** for obtaining Terms of Reference (ToR) as per EIA Notification, 2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **0032** th/nd/rd meeting held between **04 Apr 2019** to **12 Apr 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **11 Apr 2019**

### PROJECT DETAILS

The project of M/s **GEO EXPLORATION MINING** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Cuddalore	Cuddalore	Velangipattu

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Quarrying Lease area	1.245	3		Road	

Raw Material Requirement is as follows :

### Raw Material Requirement details

S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	SAVUDU	5757	9	cubic meter	Quarrying	Road		0.01

### **DELIBERATION IN EAC**

After detailed deliberations, the committee observed:- **67. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).**

### **RECOMMENDATIONS OF EAC**

The committee's recommendation: **67. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).**

### **Conclusion**

**Recommended**

Member Secretary Condition	
General Condition	
S.No	Condition
	<b>Standard EC conditions for Non-coal mining project</b>
(1)	<b>Water quality monitoring and preservation</b>
1	In case, immediate mining scheme envisages intersection of ground water table, then Environmental Clearance shall become operational only after receiving formal clearance from CGWA. In case, mining operation involves intersection of ground water table at a later stage, then PP shall ensure that prior approval from CGWA and MoEFCC is in place before such mining operations. The permission for intersection of ground water table shall essentially be based on detailed hydro-geological study of the area.
2	Industrial waste water (workshop and waste water from the mine) should be properly collected and treated so as to conform to the notified standards prescribed from time to time. The standards shall be prescribed through Consent to Operate (CTO) issued by concerned State Pollution Control Board (SPCB). The workshop effluent shall be treated after its initial passage through Oil and grease trap.
3	Project Proponent shall plan, develop and implement rainwater harvesting measures on long term basis to augment ground water resources in the area in consultation with Central Ground Water Board/ State Groundwater Department. A report on amount of water recharged needs to be submitted to Regional Office MoEFCC annually.

4	Project Proponent shall regularly monitor and maintain records w.r.t. ground water level and quality in and around the mine lease by establishing a network of existing wells as well as new piezo-meter installations during the mining operation in consultation with Central Ground Water Authority/ State Ground Water Department. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
5	Quality of polluted water generated from mining operations which include Chemical Oxygen Demand (COD) in mines run-off; acid mine drainage and metal contamination in runoff shall be monitored along with Total Suspended Solids (TDS), Dissolved Oxygen (DO), pH and Total Suspended Solids (TSS). The monitored data shall be uploaded on the website of the company as well as displayed at the project site in public domain, on a display board, at a suitable location near the main gate of the Company. The circular No. J- 20012/1/2006-IA.II (M) dated 27.05.2009 issued by Ministry of Environment, Forest and Climate Change may also be referred in this regard.
6	Regular monitoring of the flow rate of the springs and perennial nallahs flowing in and around the mine lease shall be carried out and records maintain. The natural water bodies and or streams which are flowing in an around the village, should not be disturbed. The Water Table should be nurtured so as not to go down below the pre-mining period. In case of any water scarcity in the area, the Project Proponent has to provide water to the villagers for their use. A provision for regular monitoring of water table in open dug wall located in village should be incorporated to ascertain the impact of mining over ground water table. The Report on changes in Ground water level and quality shall be submitted on six-monthly basis to the Regional Office of the Ministry, CGWA and State Groundwater Department / State Pollution Control Board.
7	The Project Proponent shall undertake regular monitoring of natural water course/ water resources/ springs and perennial nallahs existing/ flowing in and around the mine lease and maintain its records. The project proponent shall undertake regular monitoring of water quality upstream and downstream of water bodies passing within and nearby/ adjacent to the mine lease and maintain its records. Sufficient number of gullies shall be provided at appropriate places within the lease for management of water. PP shall carryout regular monitoring w.r.t. pH and included the same in monitoring plan. The parameters to be monitored shall include their water quality vis-à-vis suitability for usage as per CPCB criteria and flow rate. It shall be ensured that no obstruction and/ or alteration be made to water bodies during mining operations without justification and prior approval of MoEFCC. The monitoring of water courses/ bodies existing in lease area shall be carried out four times in a year viz. pre- monsoon (April-May), monsoon (August), post-monsoon (November) and winter (January) and the record of monitored data may be sent regularly to Ministry of Environment, Forest and Climate Change and its Regional Office, Central Ground Water Authority and Regional Director, Central Ground Water Board, State Pollution Control Board and Central Pollution Control Board. Clearly showing the trend analysis on six-monthly basis.
8	The water balance/water auditing shall be carried out and measure for reducing the consumption of water shall be taken up and reported to the Regional Office of the MoEF&CC and State Pollution Control Board/Committee.

and also enclosed as **Annexure-I**

The proposal was considered by Expert Appraisal Commiittee in its ----- th meeting held during -- ----- to ----- . After detailed deliberation the commiittee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the appliation based on the recommendations of the Expert Appraisal Commiittee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .

**INTRODUCTION**

The proponent made online application vide proposal no. **SIA/TN/MIN/40739/2019** dated **07 Aug 2019** along with copies of EIA/EMP seeking environment clearance under the provisions of the EIA Notification, 2006 for the above mentioned project. The proposed project activity is listed at SL.No. ,**1(a) Mining of minerals** , under Category "**B2** " of EIA Notification 2006 and the proposal is appraised at Central level.

The **Savudu Quarry of Thiru. B.Prabakar** of M/s **B PRABAKAR** located in Village State **Tamil Nadu** was initially received in the Ministry on **06 Aug 2019** for obtaining Terms of Reference (ToR) as per EIA Notification,2006. The Project was appraised by the Expert Appraisal Committee (Non-Coal Mining) [EAC] during its **NIL** th/nd/rd meeting held between **06 Aug 2019** to **06 Aug 2019** and prescribed ToRs to the project for undertaking detailed EIA study for obtaining Environmental Clearance. Accordingly, the Ministry of Environment, Forest and Climate Change had prescribed ToRs to the project on **06 Aug 2019**

**PROJECT DETAILS**

The project of M/s **B PRABAKAR** located in as follows :

State of the project				
S. No.	State	District	Tehsil	Village
(1.)	Tamil Nadu	Ramanathapuram	Paramakudi	Thenpoduvakudi

The production details / project configuration is as follows :

Project configuration/product details						
S. No.	Project configuration/product details	Quantity	Unit	Other Unit	Mode of Transport/Transmission of Product	Other Mode of Transport
(1.)	Savudu	2862	9	Cubic Meter	Road	

Raw Material Requirement is as follows :

Raw Material Requirement details								
S. No.	Item	Quantity per annum	Unit	Other Unit	Source	Mode of Transport/Transmission of Product	Other Mode of Transport	Distance of Source from Project Site(Kilometers)
(1.)	HSD	0.336	4		procured locally	Road		2

**DELIBERATION IN EAC**

After detailed deliberations, the committee observed:- **67. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016**

(M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).

## **RECOMMENDATIONS OF EAC**

The committee's recommendation: **67. The recommendation for the issue of environmental clearance is subject to the outcome of the Honâ€™ble NGT, Principal Bench, New Delhi in O.A No.186 of 2016 (M.A.No.350/2016) and O.A. No.200/2016 and O.A.No.580/2016 (M.A.No.1182/2016) and O.A.No.102/2017 and O.A.No.404/2016 (M.A.No. 758/2016,M.A.No.920/2016,M.A.No.1122/2016, M.A.No.12/2017 & M.A. No. 843/2017) and O.A.No.405/2016 and O.A.No.520 of 2016 (M.A.No. 981 /2016, M.A.No.982/2016 & M.A.No.384/2017).**

## **Conclusion**

### **Recommended**

<b>Member Secretary Condition</b>	
<b>General Condition</b>	
<b>S.No</b>	<b>Condition</b>
	<b>Standard EC conditions for Non-coal mining project</b>
<b>(1)</b>	<b>Air quality monitoring and preservation</b>
<b>1</b>	Effective safeguard measures for prevention of dust generation and subsequent suppression (like regular water sprinkling, metalled road construction etc.) shall be carried out in areas prone to air pollution wherein high levels of PM10 and PM2.5 are evident such as haul road, loading and unloading point and transfer points. The Fugitive dust emissions from all sources shall be regularly controlled by installation of required equipments/ machineries and preventive maintenance. Use of suitable water-soluble chemical dust suppressing agents may be explored for better effectiveness of dust control system. It shall be ensured that air pollution level conform to the standards prescribed by the MoEFCC/ Central Pollution Control Board.
<b>2</b>	The Project Proponent shall install a minimum of 3 (three) online Ambient Air Quality Monitoring Stations with 1 (one) in upwind and 2 (two) in downwind direction based on long term climatological data about wind direction such that an angle of 120° is made between the monitoring locations to monitor critical parameters, relevant for mining operations, of air pollution viz. PM10, PM2.5, NO2, CO and SO2 etc. as per the methodology mentioned in NAAQS Notification No. B-29016/20/90/PCI/I, dated 18.11.2009 covering the aspects of transportation and use of heavy machinery in the impact zone. The ambient air quality shall also be monitored at prominent places like office building, canteen etc. as per the site condition to ascertain the exposure characteristics at specific places. The above data shall be digitally displayed within 03 months in front of the main Gate of the mine site.

and also enclosed as **Annexture-I**

The proposal was considered by Expert Appraisal Commiittee in its ----- th meeting held during ----- to ----- . After detailed deliberation the commiittee recommended for grant of Environment Clearance subject to Specific and General conditions.

The Ministry of Environment, Forest and Climate Change has considered the appliation based on the

recommendations of the Expert Appraisal Committee and hereby decided to grant Environmental Clearance for the proposed ----- (Project Name), located at ----- .