

# **ADHAL KATHA GAON ORDINARY EARTH MINING PERMIT AREA**

**ADHAL KATHA GAON : TITABOR : DIST : JORHAT, ASSAM**

**(AREA ALLOTTED : 0.26 HECTARES)**

**(Minable Area : 0.25 HECTARES)**

## **Pre-Feasibility Report**

**Proponent-**

**Sri Parag Jyoti Borah.  
ADHAL KATHA Gaon : Titabor :  
P.O. Khorikatia  
District : Jorhat, Assam**

**Pre-Feasibility Report**

## 1. Executive Summary :

The Department of Environment and Forest, Jorhat Forest Division, Jorhat, District : Jorhat, Assam awarded a mining permit to Sri.Parag Jyoti Borah, a resident of Pubali Nagar, Titabor, District : Jorhat, Assam Vide letter No. B/BF/25(xix)/6054-56 Dated. 26/11/2018. The break-up of proposed Brick earth area is.

Sl No.	Patta No.	Dag No.	Address of Mining Location	Area (Hectares )
1	126	331	Adhal Katha Gaon P.O.: Khorikatia PS. : Titabor Dist. : Jorhat (Assam)	0.26

The area awarded for Mining Permit is 0.26 Hectares in the Adhal Katha Gaon for extraction of 2000 Cu.M of ordinary earth for two years, Sri. Parag Jyoti Borah has approach RQP Sri Lakshyajit Sonowal for preparation of ordinary earth Mining Plan namely Adhal Katha gaon ordinary earth mining area". As per request a Mining Plan was prepared for the aforesaid Mining Permit Area. All the necessary information required for the preparation of Mining Plan has also been attached with the Mining Plan. As per calculation the Inferred Reserve of the Mining Permit area is around 6850 Cu.M. considering extraction up to a maximum permissible depth of 3 meters from the unmined top surface,2229 Cu.M. of ordinary earth per year is available for mining. As per letter of Intent from the Divisional Forest Officer, Jorhat Forest Division, Jorhat District : Jorhat,Assam, the Mining Permit shall involve collection of ordinary earth from proposed area of Adhal Katha Gaon within the period of two years at the rate of 1000 Cu.M. per year for ordinary earth.

The Co-ordinates of the Brick earth Permit area is .....

Sl. No.	Latitude	Longitude
1	N-26 <sup>0</sup> 35'34.09"	E-94 <sup>0</sup> 16'31.50"
2	N-26 <sup>0</sup> 35'34.86"	E-94 <sup>0</sup> 16'26.47"
3	N-26 <sup>0</sup> 35'34.96"	E-94 <sup>0</sup> 16'31.44"
4	N-26 <sup>0</sup> 35'34.50"	E-94 <sup>0</sup> 16'26.75"

## 1. Introduction of the Project/Background Information :

- (i) **Identification of Project and Project Proponent :** The Divisional Forest Officer,Jorhat Forest Division, Jorhat District : Jorhat, Assam has awarded the Mining Permit against the work in Adhal Katha Gaon ordinary earth Mining Permit Area". Accordingly the Mining Permit awarded to Sri Parag Jyoti Borah Pubali Nagar, P.O. : Titabor, Jorhat, District : Jorhat (Assam). Sri Parag Jyoti Borah approaches Sri Lakhshyajit Sonowal, a RQP with the Registration No. DGM/RQP/13/2017. A copy of the Letter of Intent is attached herewith.

- (ii) **Brief Description of nature of the Project :** As per Letter of Intent 2000 Cu.M. of ordinary earth has to be extracted within a period of two years covering an area of 0.803 Hectares.
- (iii) **Need for the project and its importance :** Due to the increasing demand of ordinary earth for filling and various construction purposes, the opening of the quarry will surely fulfil the demand of ordinary earth to some extent as well as the area will be benefitted by generation of employment opportunity to the local people and growth of economic activities.
- (iv) **Demand – Supply Gap :** There is huge demand of ordinary earth for filling and various construction sectors in this region. To fill up the supply gap, more ordinary Earth Industry should be developed in the region.
- (v) **Import Vs. Indigenous Production :** Impact of ordinary earth from distance areas will be closely. Hence indigenous production is highly recommended. This will also help in generation of employment opportunities to the local people.
- (vi) **Domestic Market :** There is huge demand of ordinary earth in domestic market.
- (vii) **Employment Generation :** This project will help in generation of employment opportunity (direct or indirect) to the local people.

## 2. Project Description :

- (i) The project is not interlinked and interdependent.
- (ii) Location : The details of the map showing general location, specific location, project boundary, project site layout with coordinates are described in the Mining Plan.
- (iii) No alternative sites have been considered.
- (iv) The Mining Permit area comprises 0.26Hectares. The Mining Permit shall involve collection of ordinary earth from **Adhal Katha Gaon** proposed area within a period of two years at the rate of 2000Cu.M. per year for ordinary earth.
- (v) The Project description with process details are mentioned in the Mining Plan.
- (vi) The estimated quantity of raw materials in the Mining permit area is 2229 Cu.M. of ordinary earth per year. The raw material may be transported by truck or dumper.
- (vii) Resources optimization/recycling and reuse etc. of the raw material does not arise.
- (viii) In this case energy and power requirement is not required for mining.
- (ix) As the Mining permit involves only extraction of ordinary earth from the proposed area, no question of scheme for management of soild or liquid waste arises.
- (x) Schematic representation of the feasibility drawing which give information of EIA purpose: As the Mining permit is only for extraction of ordinary earth in the proposed by manual process, Environment impact shall be very limited. It should be noted that transportation of ordinary earth from Mining site should be carried out by best quality vehicle (truck/dumpers) The ordinary earth should not be transported to avoid accident and noise pollution in the adjacent areas.

## 3. Site Analysis :

- (i) Connectivity : The Permit Area can be approached from nearest township (Titabor) by a motorable road.
- (ii) Land Form, Land use and Landownership : The Proposed Permit Area is free from Plantation and is not Forest land. The Proposed land is only for extraction of ordinary earth. Landownership belongs to Sri Maniram Kachari (Dag No. 331 & 39, Patta No. 126) who gave legal authorization to Parag Jyoti Borah to utilize his land as he desires within the period of 2(two) years.
- (iii) Topography : The Permit Area is a portion of a barren land of Adhal Katha Gaon , Titabor, Jorhat and topography of the permit is shown in Mining Plan.
- (iv) Existing Land use Pattern : As the Permit Area is very small portion of the Adhal Katha Gaon, no any agricultural or forest or water bodies are present in the area. Mining area is also not close to any periphery of the forest, National Park, Wildlife Sanctuary, Eco Sensitive Area and CRZ.
- (v) Existing Infrastructure : There is no any existing infrastructure within the Mining Permit Area.
- (vi) Soil Classification : It is composed of clay-bearing soil, sand or concrete materials.
- (vii) Climatic data from secondary sources : The climatic data is mentioned in the Mining Plan.
- (viii) Social Infrastructure : No social infrastructure is available.

#### **4. Planning Brief :**

- (i) Planning Concept : The Mining Permit Area is small portion of uncultivated barren land used for manufacturing of ordinary earth in the Village Adhal Katha Gaon , Titabor, Jorhat (Assam).
- (ii) Population Projection : Very few inhabitants are located in the area and far away from Mining site.
- (iii) Land use Planning : The area is not under green belt.
- (iv) Assessment of infrastructure demand : As the Mining Permit Area is very small, question of developing any infrastructure is not required.
- (v) Amenities/Facilities: As there is no development of infrastructure in the Mining Permit Area as mention in the point 5(iv) question of amenities/facilities doesn't arise.

#### **5. Proposed Infrastructure :**

- (i) Industrial Area : As no industry developed in Mining Permit Area, processing area will not be required.
- (ii) Residential Area : As no inhabitant will stay in the Mining Permit Area, non processing area is also not required.
- (iii) Green Belt : The area is not located under any Green Belt.
- (iv) Social Infrastructure : As no inhabitant will stay in the Mining Permit Area question of social infrastructure is not required.
- (v) Connectivity : The Permit Area can be approach from nearest township (Titabor) by motorable road.

- (vi) Drinking Water Management : A few shallow tube wells may be developed close to the Mining Areas as sources of drinking water.
- (vii) Sewerage System : As there is no population in the Mining Permit Area , no question of sewerage system is required.
- (viii) Power Requirement : As the Mining will be done manual method , no power required is necessary.

**6. Rehabilitation and Resettlement (R & R) Plan :** No Rehabilitation and Resettlement (R & R) Plan is required.

**7. Project Schedule Cost Estimates :**

- (i) The Project is likely to be started from as and when the environment clearance will be issued and shall continue till the end of Mining Permit Period with permitted quantity of mineral to be extracted.
- (ii) Estimated Project Cost : Estimated Project Cost will be variable depending on the weather condition, climate and natural hazard like flood etc.

**9. Project Benefit/Analysis of Proposal (Final recommendation) :**

The socio-economic condition of the surrounding villages indicates that employment generation is seasonal. The occupational activities are agriculture, cattle rearing and employment in mines but on daily wages. The Mining activity will provide employment to local people which will increase socio-economic status of the area. There is a possibility of creation of direct and indirect employment opportunities due to working of this mine.

The opening of the proposed project will enhance the socio-economic activities in the adjoining areas. This will result in following benefits.

- (i) Improvement of Physical infrastructure
- (ii) Improvement of Social infrastructure
- (iii) Increase in Employment Potential
- (iv) Contribution to the Exchequer
- (v) Prevention of Illegal Mining.