

**GOVERNMENT OF ASSAM  
ENVIRONMENT AND FOREST DEPARTMENT  
DISPUR, GUWAHATI-6**

No.FRS.64/2022/91

Dated Dispur, the 5<sup>th</sup> July, 2022

To : The Inspector General of Forest (Central),  
Government of India,  
Ministry of Environment, Forest & Climate Change,  
Integrated Regional Office, 4<sup>th</sup> Floor, Housefed Building,  
G.S Road, Rukminigaon, Guwahati-781022

**Sub: Forest diversion proposal of 4.125 hectares forest land for Oil and Gas exploration, development and production of well pad No.29 in Nambar South Reserved Forest under Golaghat Division in favour of M/s Vedanta Limited (Diversion Cairn Oil & Gas).**

**Ref: Govt. of India letter No 3 AS B 106/2022-GHY/2544-2545 dated 02.06.2022.**

Sir,

In inviting a reference to the letter on the subject cited above, I am directed to furnish herewith the following additional information/documents as sought vide letter under reference for favour of your kind information and necessary action:

| Govt. of India letter No<br>3 AS B 106/2022-<br>GHY/2544-2545 dated<br>02.06.2022 | Information Provided   |
|---|--|
| Condition No. (i)   | The User Agency (Vedanta Limited) stated that the proposal is for oil and gas exploration. Environment Clearance (EC) for the Hydrocarbon Clock AA-ONHP-2017/1 has been obtained (for 20 nos. of wells including WP no. 29) from SEIAA (Assam) vide letter No. SEIAA.1251/2020/EC/1476 dated 28/07/2021 for Exploration & Appraisal. Copy of EC letter are enclosed herewith as <b>Annexure-I</b> .  |
| Condition No. (ii)  | The DFO, Golaghat Division has received a clarification letter from the office of the Superintending Archeologist (Guwahati Circle) regarding presence of any archaeological monuments/sites in this proposed area vide letter No. 7/1/2022-23(T)-2116 dated 29.03.2022 (Copy enclosed as <b>Annexure-II</b> ).<br>However, the DFO, Golaghat Division stated that the proposed Well Pad No. 29 is located at a distance from around 34.67 kms and 80.47 kms from the two archeological monuments/sites. |
| Condition No. (iii)   | The process of mutation and notification of Protected Forest / Reserve Forest of CA area 4.13 hectares identified in non-forest land in Patta No. 34 Dag No. 53, village No. 2 Pahumor, Baligaon Mouza, Jorhat is under process. Agreement for sale of the land is signed between the land owner and the User Agency. The process of mutation will be completed in due course of time after the approval of Stage-I (IPA) and before accordance of Final Approval.                                       |
| Condition No. (iv)  | The User Agency (Vedanta Limited) has submitted the revised layout map showing component wise break-up of the proposed area is enclosed as <b>Annexure-III</b> .   |
| Condition No. (v)   | The User Agency (Vedanta Limited) stated that “No accommodation” will be provided in the proposed area.  |
| Condition No. (vi)  | The DFO, Jorhat Division stated that as per the revenue records, the identified CA area is not a water body. Further, during the field inspection no water body was present in the identified Compensatory Afforestation area and it was noticed that local habitants were doing cultivation in the said area.   |
| Condition No. (vii)   | The DFO Golaghat Division has submitted the Net Present Value (NPV) calculation sheet as per the revised rate of the Forest Land being diverted in respect of this instant proposal (Photo copy enclosed as <b>Annexure-IV</b> ).  |
| Condition No. (viii)  | The User Agency (Vedanta Limited) has submitted the revised layout map showing exploratory drilling locations with its GPS co-   |

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|                     |  |
|---------------------|--|
|                     | ordinates along with the well pad area, approach road and other components i.e. greenbelt, etc. (copy enclosed as <b>Annexure-III</b> )  |
| Condition No. (ix)  | The User Agency (Vedanta Limited) has stated that the Block AA-ONHP-2017/1 is at oil and gas exploration stage. Petroleum Exploration License (PEL) has been granted for the block from Mines & Mineral Dept, Govt. of Assam vide letter No. PEM.40/2019/129 dated 07.08.2019. Copy of PEL is enclosed as <b>Annexure-V</b> .<br>Total block area is 715 sq. km (forest area: ~474.88 sq. km. and non-forest area: ~240.12 sq.km). |
| Condition No. (x)   | The User Agency (Vedanta Limited) has stated that the hydrocarbon block is at exploration stage. The requirement of paying NPV as per the Ministry's guidelines dated 24.06.2015 will be complied with at the time of obtaining PML from the Govt. of Assam.   |
| Condition No. (xi)  | As replied by the User Agency (Vedanta Limited):<br>No. of bore hole: 1 (One)<br>Size: 26 inches (diameter).   |
| Condition No. (xii) | The User Agency (Vedanta Limited) has submitted the certificate under Forest Right Act, 2006 issued vide letter No. ITDP/G/FRA-2006/89/PT-1/2017/128 dated 05.01.2022 from the Office of the District Collector, Golaghat. Copy is enclosed as <b>Annexure-VI</b> .  |

Encl: As stated above.

Yours faithfully,

(I. Kalita, ACS)

Addl. Secretary to the Govt. of Assam

Environment and Forest Department

Dated Dispur, the 5<sup>th</sup> July, 2022

Memo No.FRS.64/2022/91-A

Copy to:

The Principal Chief Conservator of Forests & HoFF, Assam, Panjabari, Guwahati-37.

(I. Kalita, ACS)

Addl. Secretary to the Govt. of Assam

Environment and Forest Department

Received  
Arindam Kr. Ghose  
8-7-2022



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**STATE ENVIRONMENT IMPACT ASSESSMENT AUTHORITY, ASSAM**  
**Ministry of Environment, Forest and Climate Change, Government of India**  
**BAMUNIMAIDAM, GUWAHATI-21**

No. SEIAA.1251/2020/EC/ **1476**  
 Proposal No: SIA/AS/IND2/143861/2020

Dated: **28/7/21**

To  
**M/s. Vedanta Ltd (Division Cairn Oil & Gas)**  
**4<sup>th</sup> Floor, Vipul Plaza,**  
**Suncity Sector 54,**  
**Gurgaon, Haryana-122002**

Sub: Environment Clearance for Onshore Oil & Gas Exploration & Appraisal Project in AA-ONHP-2017/1 Hydrocarbon Block falling in Dist-Karbi Anglong & Golaghat, Assam.

Dear Sir,

This has reference to your application dated 23/11/2020 seeking Environmental Clearances for the above project under EIA Notification 2006. The proposal has been appraised as per prescribed procedure in the light of provisions under the EIA Notification 2006 and subsequent modification vide S.O. 236(E) dtd 16/01/2020 and on the basis of the mandatory documents enclosed with the application viz. the questionnaire, EIA, EMP and additional clarifications furnished in response to the observation of the State Level Expert Appraisal Committee, Assam dtd 18/06/2021 field visit conducted by members of SEAC and also presentation given before the SEAC & SEIAA.

**2. Brief details of the Project:**

|    |                                       |   |  |
|----|---------------------------------------|---|--|
| 1  | Category/ Item No.<br>( In Schedule): | 1(b) B2   |  |
| 2. | Location of Project                   | (a) Plot/ survey/ Khasra No. G46J/12, G46J/16, G46P/9, G46P/13, Pin:- 782460<br>(b) Bounded Latitudes (North) From 2857396.16 to 2857607.91<br>(c) Bounded Longitudes (East) From 566813.25 to 600221.64<br>(d) Survey of India Topo Sheet No G46J/12, G46J/16,G46P/9,G46P/13<br>(e) Distant of nearest HFL from the project boundary within the study area 5<br>(f) Seismic Zone - 5   |  |
| 3. | Project Details                       | M/s Vedanta Limited (Division Cairns oil & Gas) proposes to drill 20 Nos of exploratory & Appraisal wells in the AA-ONHP-2017/1 Block,(wells name being <b>(11,12,14,17,19,20,21,22,27,28,29,34,35,37,39,40,41,42,45,46)</b> The total area are 715 Sq K.M. All activities involve in the exploratory process will be restricted within the block area situated in the Karbi Anglong & Golaghat District, Assam. The exploratory wells in the Geographical location has been given in Table-4 (Details of proposed well location) are approved for exploration. |  |
| 4. | Total Project Cost                    | <b>Rs. 320 Crores.</b>  |  |
| 5. | Water Requirement & source            | Water requirement: 102 Cu.M per day per well water will be required for drilling of wells.<br>Sourcing of water requirement: water requirement for all the project activities would be sourced locally through approved/ authorized sources of surface water and/ or ground water (e.g PHD bore wells, privately owned bore wells, irrigation Dept./ water Resources Dept. of state Govt.).   |  |
| 6. | Fuel & Energy:                        | Location  | DG Capacity                              |
|    |                                       | Camp site   | 2x 350 KVA (one working and one standby) |

*(Signature)*  
 Member Secretary  
 State Level Environment Impact  
 Assessment Authority, Assam.  
 Bamunimaidam, Ghty-21





|    |  |   |   |                                      |
|----|--|---|---|--------------------------------------|
|    |  | Drilling Site   | 3X 1000 KVA(two working and one standby) or 2x 1850 KVA (one working and one standby) |                                      |
| 7. | Environment Management Plan  | Environment Management Plan (EMP) has been submitted to SEIAA office.<br>Cost of Environment Management Plan (EMP) including Greenbelt/ plantation:-<br>The tentative budget for implementation of the EMP including environmental monitoring and Green/ plantation would be INR 10.0 Lakh for each of site during drilling activity. |   |                                      |
|    |  | Sl. No.   | Particulars   | Approx. budget/ well (INR) in Lakh   |
|    |  | 1   | Air quality management  | 3.5                                  |
|    |  | 2   | Noise monitoring  | 0.75                                 |
|    |  | 3   | Surface and Ground water Quality  | 2.0                                  |
|    |  | 4   | Soil Quality  | 0.75                                 |
|    |  | 5.  | Waste management  | 2.5                                  |
|    |  | 6.  | Greenbelt/ Plantation   | 0.5                                  |
|    |  | Total:  |   | 10.0                                 |
| 8  | CSR /ESR Activities  | Detailed Outlay of CER (Corporate Environmental Responsibility) Budget:<br>Vedanta Limited (Div: Cairn Oil & Gas) will comply with the 1 <sup>st</sup> May 2018 OM w.r.t. CER (Corporate Environmental Responsibilities), CER would be spent in various social development cost based on the assessed needs                           |   |                                      |
|    |  | Investment  | Cost Allocation (INR, crores)   |                                      |
|    |  | Total Estimated Project Cost  | 320 Crores  |                                      |
|    |  | Total CER (indicative)  | 1.5% of 320 Crores  |                                      |
| 9  | Green Belt/ Plantation   | Greenbelt/ Plantation will be carried out suitably.<br>33% of the total project area.   |   |                                      |
| 10 | Budgetary Breakup for Labour   | Estimated Budgetary Breakup for Labour Welfare:<br>The following provisions will be made towards Labour Welfare:  |   |                                      |
|    |  | S. No.  | Particulars   | Estimated Budget per well (in Lakhs) |
|    |  | 1.  | Safe drinking water for workforce   | 6.0 Lakhs/Well (Approx.)             |
|    |  | 2.  | Sanitation facilities   |                                      |
|    |  | 3.  | First aid facility and ambulance for emergency medical evacuation                     |                                      |
|    |  | 4.  | PPEs (Safety Boots, Helmet, Mask, ear plugs, gloves, etc.                             |                                      |
| 5. | Environmental, safety & occupational health and wellness awareness program |   |   |                                      |



The SEIAA, Assam after considering the proposal and recommendations of the SEAC, Assam in its 20<sup>th</sup> Meeting held on 18.06.2021, relevant documents/ clarification submitted by P.P., hereby accord Environmental Clearance for drilling at 20 Nos of wells to the project as per the

*[Signature]*  
 Member Secretary  
 State Level Environment Impact  
 Assessment Authority, Assam.  
 Bamunimaidam, Ghty-21



*provisions of Environmental Impact Assessment Notification 2006 and its subsequent amendments, subject to production of required land documents for the well nos. 11,12,14, 17,19, 20, 21, 22, 27, 28, 29, 34, 35, 37,40, 41,42, 45 and 46 (20 nos.) as per SOP before starting the field activities. The proponent shall have to strictly adhere to the general terms and condition applicable for such projects.*

#### **I. Statutory compliance:**

- i. The project proponent shall obtain forest clearance under the provisions of Forest (Conservation) Act, 1986, in case of the diversion of forest land for non-forest purpose involved in the project.
- ii. The project proponent shall obtain clearance from the National Board for Wildlife, if applicable.
- iii. The project proponent shall prepare a Site-Specific Conservation Plan & Wildlife Management Plan and approved by the Chief Wildlife Warden. The recommendations of the approved Site-Specific Conservation Plan / Wildlife Management Plan shall be implemented in consultation with the State Forest Department. The implementation report shall be furnished along with the six-monthly compliance report. (in case of the presence of Schedule-I species in the study area)
- iv. The Project proponent shall obtain Consent to Establish / Operate under the provisions of Air (Prevention & Control of Pollution) Act, 1981 and the Water (Prevention & Control of Pollution) Act, 1974 from the concerned State Pollution Control Board/Committee.
- v. The project proponent shall obtain authorization under the Hazardous and other Waste Management Rules, 2016 as amended from time to time.
- vi. The Company shall strictly comply with the rules and guidelines under Manufacture, Storage and Import of Hazardous Chemicals (MSIHC) Rules, 1989 as amended time to time. All transportation of Hazardous Chemicals shall be as per the Motor Vehicle Act (MVA), 1989.

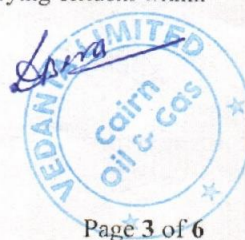
#### **II. Air quality monitoring and preservation.**

- i. The project proponent shall install 24×7 continuous emission monitoring system at process stacks to monitor stack emission with respect to standards prescribed in Environment (Protection) Rules 1986 and connected to SPCB and CPCB online servers and calibrate these system from time to time according to equipment supplier specification through labs recognized under Environment (Protection) Act, 1986 or NABL accredited laboratories.
- ii. The project proponent shall monitor fugitive emissions in the plant premises at least once in every quarter through labs recognized under environment (Protection) Act, 1986.
- iii. The project proponent shall install system to carryout Ambient Air Quality monitoring for common/criterion parameters relevant to the main pollutants released (e.g. PM10 and PM25 in reference to PM emission, and SO2 and NOx in reference to SO2 and NOx emissions) within and outside the plant area at least at four locations (one within and three outside the plant area at an angle of 120 each), covering upwind and downwind directions.
- iv. To control source and the fugitive emissions, suitable pollution control devices shall be installed to meet the prescribed norms and/or the NAAQS. Sulphur content should not exceed 0.5% in the coal for use in coal fired boilers to control particulate emissions within permissible limits (as applicable). The gaseous emissions shall be dispersed through stack of adequate height as per CPCB/SPCB guidelines.
- v. Storage of raw materials, coal etc shall be either stored in silos or in covered areas to prevent dust pollution and other fugitive emissions.
- vi. National Emissions Standards for Organic Chemicals Manufacturing Industry issued by the Ministry vide G.S.R. 608(E) dated 21<sup>st</sup> July, 2010 and amended from time to time shall be followed.
- vii. The National Ambient Air Quality Emission Standards issued by the Ministry vide G.S.R. No. 826(E) dated 16<sup>th</sup> November, 2009 shall be complied with.

#### **III. Water quality monitoring and preservation**

- i. The project proponent shall provide online continuous monitoring of effluent, the unit shall install web camera with night vision capability and flow meters in the channel/drain carrying effluent within the premises (applicable in case of the projects achieving ZLD)

*[Signature]*  
Member Secretary  
State Level Environment Impact  
Assessment Authority, Assam,  
Bamunimaidam, Ghty-21





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ii. As already committed by the project proponent, Zero Liquid Discharge shall be ensured and no waste/treated water shall be discharged outside the premises (applicable in case of the projects achieving the ZLD).

iii. The effluent discharge shall conform to the standards prescribed under the Environment (Protection) Rules, 1986, or as specified by the State Pollution Control Board while granting Consent under the Air/Water Act, whichever is more stringent.

iv. Total fresh water requirement shall not exceed the proposed quantity or as specified by the Committee. Prior permission shall be obtained from the concerned regulatory authority/ CGWA in this regard.

v. Process effluent/any waste water shall not be allowed to mix with storm water. The storm water from the premises shall be collected and discharged through a separate conveyance system.

vi. The company harvest rainwater from the roof tops of the buildings and storm water drains to recharge the ground water and utilized the same for different industrial operations within the plant.

vii. The DG sets shall be equipped with suitable Pollution control devices and the adequate stack height so that the emissions are in conformity with the extant regulations and the guidelines in this regard.

#### IV. Noise monitoring and preservation

- i. Acoustic enclosure shall be provided to DG set for controlling the noise pollution.
- ii. The overall noise levels in and around the plant area shall be kept well within the standards by providing noise control measures including acoustic hoods, silencers, enclosures etc. on all sources of noise generation.
- iii. The ambient noise levels should conform to the standards prescribed under E(P)A Rules, 1986 viz, 75 dB(A) during day time and 70 dB(A) during night time.

#### V. Energy Conservation measures

- i. The energy sources for lighting purposes shall preferably be LED based.

#### VI. Waste management

- i. Hazardous chemical shall be stored in tanks, tank farms, drums, carboys etc. Flame arresters shall be provided on tank farm and the solvent transfer through pumps.
- ii. Process organic residue and spent carbon, if any, shall be sent to cement industries. ETP sludge, process inorganic & evaporation salt shall be disposed off to the TSDF.
- iii. The Company shall undertake waste minimization measures as below:-
  - a. Metering and Control of quantities of active ingredients to minimize waste.
  - b. Reuse of by-products from the process as raw materials or as raw material substitutes in other processes.
  - c. Use of automated filling to minimize spillage.
  - d. Use of Close Feed system into batch reactors.
  - e. Venting equipment through vapors recovery system.
  - f. Use of high pressure hoses for equipment clearing to reduce waste water generation.

#### VII. Green Belt

The green belt of 5-10 m width shall be developed in more than 33% of the total project area, mainly along the plant periphery, in downward wind direction, and along road sides etc. Selection of plant species shall be as per the CPCB guidelines in consultation with the State Forest Department.



*Member*  
Member Secretary  
State Level Environment Impact  
Assessment Authority, Assam.  
Bamunimaidam, Ghty-21  
*Allen*



### VIII. Safety, Public hearing and Human health issues

- i. Emergency preparedness plan based on the Hazard identification and Risk Assessment (HIRA) and Disaster Management Plan shall be implemented.
- ii. The unit shall make the arrangement for protection of possible fire hazards during manufacturing process in material handling. Fire fighting system shall be as per the norms.
- iii. The PP shall provide Personal Protection Equipment (PPE) as per the norms of Factory Act.
- iv. Training shall be imparted to all employees on safety and health aspects of chemicals handling. Pre-employment and routine periodical medical examinations for all employees shall be undertaken on regular basis. Training to all employees on handling of chemicals shall be imparted.
- v. Provision shall be made for the housing of construction labour within the site with all necessary infrastructure and facilities such as fuel for cooking, mobile toilets, mobile STP, safe drinking water, medical health care, creche etc. The housing may be in the form of temporary structures to be removed after the completion of the project.
- vi. Occupational health surveillance of the workers shall be done on a regular basis and records maintained as per the Factories Act.
- vii. There shall be adequate space inside the plant premises earmarked for parking of vehicles for raw materials and finished products, and no parking to be allowed outside on public places.

### IX. Corporate Environment Responsibility

- i. The project proponent shall comply with the provisions contained in this Ministry's IM vide F.No. 22-65/2017-IA III dated 1<sup>st</sup> May 2018, as applicable, regarding Corporate Environment Responsibility.
- ii. The company shall have a well laid down environment policy duly approved by the Board of Directors. The environment policy should prescribe for standards operating procedures to have proper checks and balances and to bring into focus any infringements/ violation of the environmental/ forest/ wildlife norms/ conditions. The company shall have defined system of reporting infringements / deviation / violation of the environmental/ forest/ wildlife norms/ conditions and / or shareholders / stake holders. The copy of the board resolution in this regard shall be submitted to the MOEF& CC as a part of six-monthly report.
- iii. A separate environmental Cell both at the project and company head quarter level, with qualified personnel shall be set up under the control of senior Executive, who will directly report to the head of the organization.
- iv. Action plan for implementing EMP and environmental conditions along with responsibility matrix of the company shall be prepared and shall be duly approved by competent authority. The year wise funds earmarked for environmental protection measures shall be kept in separate account and not to be diverted for any other purpose. Year wise progress of implementation of action plan shall be reported to the Ministry/Regional Office along with the Six Monthly Compliance Report.
- v. Self environmental audit shall be conducted annually. Every three years third party environmental audit shall be carried out.

### X. Miscellaneous

- i. The project proponent shall make public the environmental clearance granted for their project along with the environmental conditions and safe guards at their cost by prominently advertising it at least in two local newspapers of the District or State, of which one shall be in the vernacular language within seven days and in addition this shall also be displayed in the project proponent's website permanently.
- ii. The copies of the environmental clearance shall be submitted by the project proponents to the Heads of local bodies, Panchayats and Municipal Bodies in addition to the relevant offices of the Government who in turn has to display the same for 30 days from the date of receipt.
- iv. The project proponent shall upload the status of compliance of the stipulated environment clearance conditions, including results of monitored data on their website and update the same on half-yearly basis.
- v. The project proponent shall monitor the criteria pollutants level namely; PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub> (ambient levels as well as stack emissions) or criteria sectoral parameters, indicated for the projects and display the same at a convenient location for disclosure to the public and put on the website of the company.

*maeint*  
 Member Secretary  
 State Level Environment Impact  
 Assessment Authority, Assam,  
 Bamunimaidam, Ghty-21  
*BLU*





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- vi. The project proponent shall submit six-monthly reports on the status of the compliance of the stipulated environmental conditions on the website of the ministry of Environment, Forest and Climate Change at environment clearance portal.
- vii. The project proponent shall submitted the environmental statement for each financial year in Form-V to the concerned State Pollution Control Board as prescribed under the Environment (Protection) Rules, 1986, as amended subsequently and out on the website of the company.
- viii. The project proponent shall inform the Regional Office as well as the Ministry, the date of financial closure and final approval of the project by the concerned authorities, commencing the land development work and start of production operation by the project.
- ix. The project authorities must strictly adhere to the stipulations made by the State Pollution Control Board and the State Government.
- x. The project proponent shall abide by all the commitments and recommendations made in the EIA/EMP report, commitment made during Public Hearing and also that during their presentation to the Expert Appraisal Committee.
- xi. No further expansion or modifications in the plant shall be carried out without prior approval of the Ministry of Environment Forest and Climate Change (MoEF&CC).
- xii. Concealing factual data or submission of false/fabricated data may result in revocation of this environmental clearance and attract action under the provisions of Environment (Protection) Act, 1986.
- xiii. The Ministry may revoke or suspend the clearance, if implementation of any of the above conditions is not satisfactory.
- xiv. The Ministry reserves the right to stipulate additional conditions if found necessary. The Company in a time bound manner shall implement these conditions.
- xv. The Regional Office of this Ministry shall monitor compliance of the stipulated conditions. The project authorities should extend full cooperation to the officer (s) of the Regional Office by furnishing the requisite data / information / monitoring reports.
- xvi. The above conditions shall be enforced, inter-alia under the provisions of the Water (Prevention & Control of Pollution) Act, 1974, the Air (Prevention & Control of Pollution) Act, 1981, the Environment (Protection) Act, 1986, Hazardous and Other Wastes (Management and Transboundary Movement) Rules, 2016 and the Public Liability Insurance Act, 1991 along with their amendments and Rules and any other orders passed by the Hon'ble Supreme Court of India / High Courts and any other Court of Law relating to the subject matter.
- xvii. Any appeal against this EC shall lie with the National Green Tribunal, if preferred, within a period of 30 days as prescribed under Section 16 of the National Green Tribunal Act, 2010.

*meant*  
Member-Secretary,  
SEIAA, Assam

Bamunimaidam, Guwahati 781021.

Dated:

28/7/21

Memo No. SEIAA.1251/2020/EC/ 1476 -A

**Copy to:-**

- The Secretary to the Govt. of Assam, Environmental & Forest Department, Dispur, Guwahati-6 for favour of kind information.
- The Chairman, PCBA for information.
- The Regional Office, MoEF, Govt. of India, Low-U-sib, Lumbatngen, Near MTC Workshop, Shillong-21 for information.
- Office Copy.



*Sd/-*

Member-Secretary,  
SEIAA, Assam

Bamunimaidam, Guwahati 781021.



mail/ Speed post



No. 71/2022-23(T)-2116

Government of India

Archaeological Survey of India

Office of the Superintending Archaeologist

Guwahati Circle

5<sup>th</sup> Floor, West End Block, HOUSEFED Complex

Beltola-Basistha Road, Guwahati-781006

Dated:-29<sup>th</sup> March, 2022

29 MAR 2022

To,

The Divisional Forests Officer  
Golaghat Division  
Golaghat

Sub- Archaeological monuments/sites in Golaghat District, Assam under ASI, Guwahati  
Circle-reg.

Sir,

With reference to your letter no. B/62/Division/Vedanta/GD/2022/1951 dated 28.03.2022 on the subject cited above I am to inform you that there are two Centrally Protected Monuments/ Sites under Guwahati circle in Golaghat District such as

| Sl. No. | Name of Monuments/Sites             | Geo co-ordinates                                  |
|---------|-------------------------------------|---|
| 1.      | Kasomari Pathar, Golaghat           | Latitude-26°-18'31.14" Longitude-93°-59'-19-732"  |
| 2.      | The Sivadol at Negheriting Golaghat | Latitude- 26°-44'-3.984", Longitude-94-0'-18.999" |

As per the provisions of The Ancient Monuments and Archaeological Sites and Remains Act, 1958, no person is allowed to carry any constructions, mining, quarrying, excavating, blasting or any operation of a like nature in protected and prohibited area (100m from the protected limit) of the centrally protected monument. However, one can repair or renovates or construct within the regulated area (200 m in all directions beginning from the prohibited limit) with the prior permission from Competent Authority and NMA.

Therefore, you are hereby informed to contact Director cum Competent Authority, Directorate of Archaeology, Government of Assam, Guwahati, Assam for No Objection Certificate.

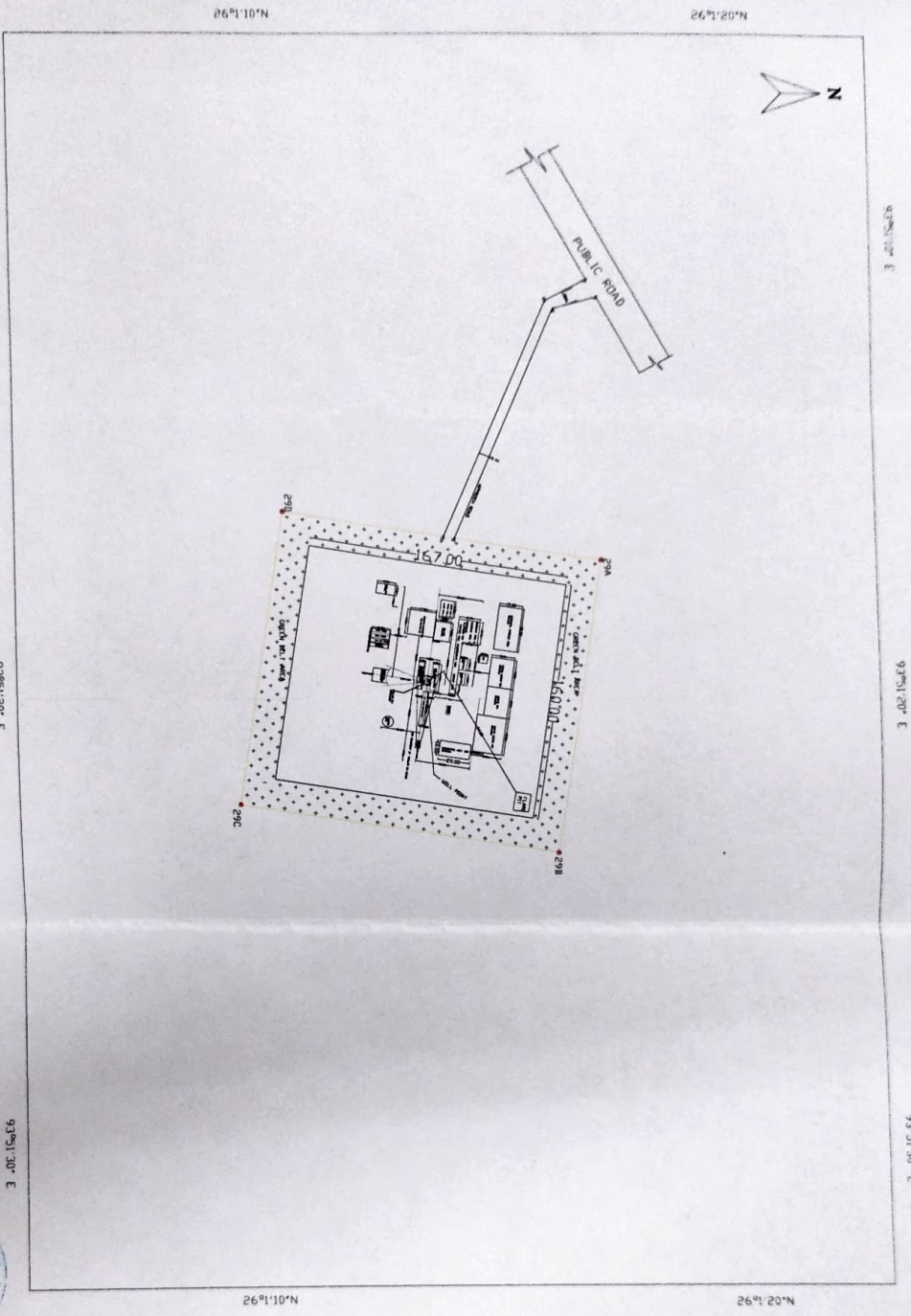
This is for your kind information and necessary action please.

Yours faithfully



NCA  
Superintending Archaeologist  
29/03/2022





| DGPS Coordinates of Well Pad No. 29 |                  |                  |  |
|-------------------------------------|------------------|------------------|--|
| Station Name                        | Latitude         | Longitude        |  |
| 29A                                 | 26°11'17.148\" N | 93°51'16.515\" E |  |
| 29B                                 | 26°11'16.165\" N | 93°51'24.032\" E |  |
| 29C                                 | 26°11'9.710\" N  | 93°51'22.838\" E |  |
| 29D                                 | 26°11'10.766\" N | 93°51'15.729\" E |  |
| Well Pad Area                       |                  | 4.00 Ha          |  |
| Name of the location                |                  | Cristian Basti   |  |
| Name of RF                          |                  | Nondor South RF  |  |

| DGPS Coordinates of Well Pad No. 29 |                  |                  |  |
|-------------------------------------|------------------|------------------|--|
| Station Name                        | Latitude         | Longitude        |  |
| 1                                   | 26°11'17.142\" N | 93°51'11.207\" E |  |
| 2                                   | 26°11'14.158\" N | 93°51'16.359\" E |  |
| 3                                   | 26°11'13.935\" N | 93°51'16.317\" E |  |
| 4                                   | 26°11'16.126\" N | 93°51'11.310\" E |  |
| 5                                   | 26°11'10.811\" N | 93°51'10.984\" E |  |
| 6                                   | 26°11'16.297\" N | 93°51'11.473\" E |  |
| Approach Road                       |                  |                  |  |
| Name of the location                |                  | Cristian Basti   |  |
| Name of RF                          |                  | Nondor South RF  |  |



| No. | Item                   | Size of Forest | Area (ha) |
|-----|------------------------|----------------|-----------|
| 1   | Forest Management Plan | 20 x 15        | 300       |
| 2   | Forest Management Plan | 20 x 15        | 300       |
| 3   | Forest Management Plan | 20 x 15        | 300       |
| 4   | Forest Management Plan | 20 x 15        | 300       |
| 5   | Forest Management Plan | 20 x 15        | 300       |
| 6   | Forest Management Plan | 20 x 15        | 300       |
| 7   | Forest Management Plan | 20 x 15        | 300       |
| 8   | Forest Management Plan | 20 x 15        | 300       |
| 9   | Forest Management Plan | 20 x 15        | 300       |
| 10  | Forest Management Plan | 20 x 15        | 300       |
| 11  | Forest Management Plan | 20 x 15        | 300       |
| 12  | Forest Management Plan | 20 x 15        | 300       |
| 13  | Forest Management Plan | 20 x 15        | 300       |
| 14  | Forest Management Plan | 20 x 15        | 300       |
| 15  | Forest Management Plan | 20 x 15        | 300       |
| 16  | Forest Management Plan | 20 x 15        | 300       |
| 17  | Forest Management Plan | 20 x 15        | 300       |
| 18  | Forest Management Plan | 20 x 15        | 300       |
| 19  | Forest Management Plan | 20 x 15        | 300       |
| 20  | Forest Management Plan | 20 x 15        | 300       |
| 21  | Forest Management Plan | 20 x 15        | 300       |
| 22  | Forest Management Plan | 20 x 15        | 300       |
| 23  | Forest Management Plan | 20 x 15        | 300       |
| 24  | Forest Management Plan | 20 x 15        | 300       |
| 25  | Forest Management Plan | 20 x 15        | 300       |

**LEGEND**

- DGPS Points (Well Pad)
- DGPS Points (Approach Road)
- Green Belt Area
- Well pad 29 Boundary area

**DESIGN**

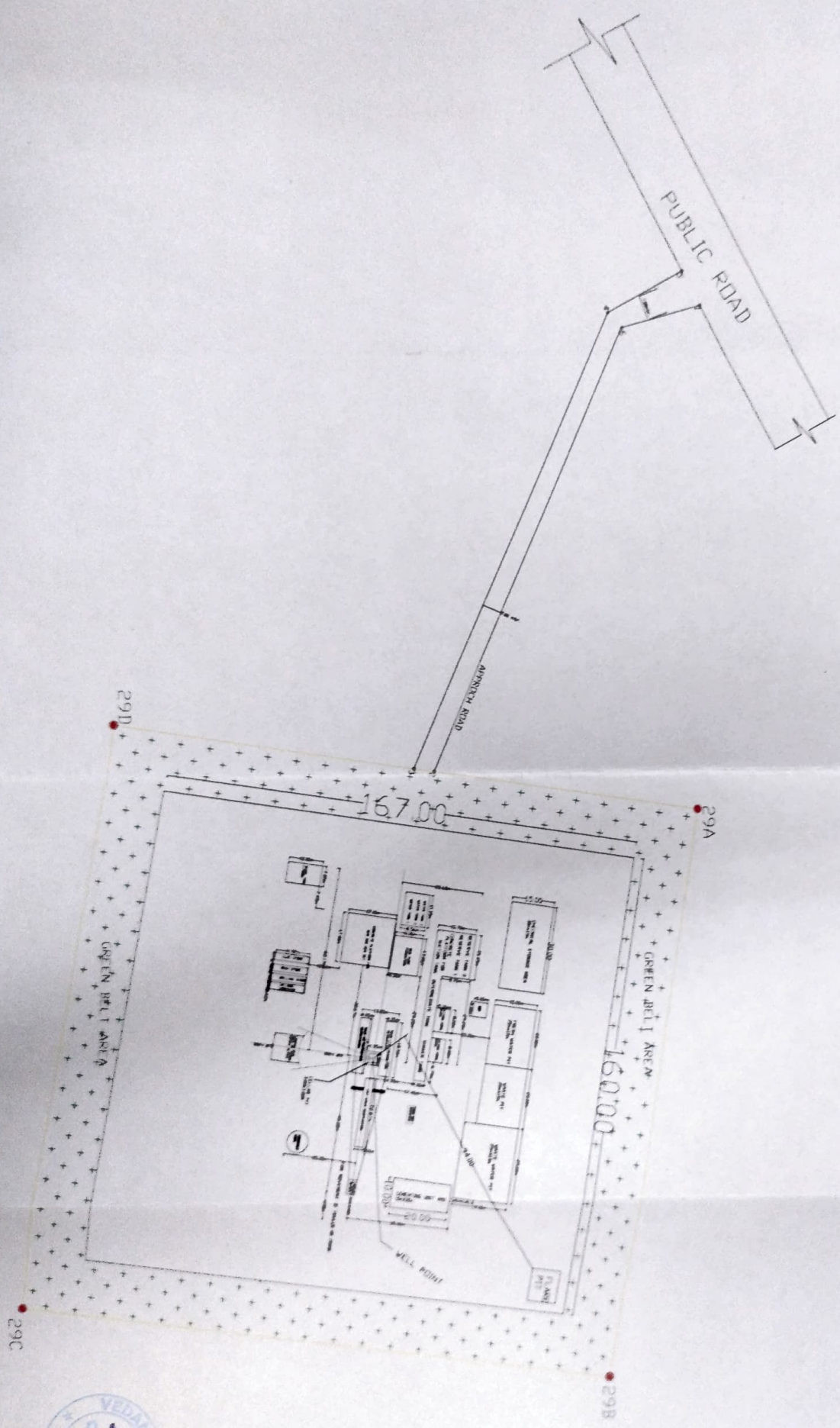
DESIGNER: VEDANTA LIMITED  
 PROJECT: Well Pad 29, Cristian Basti, Nondor South RF  
 SCALE: 1:1000

**DRAWING LIST**

| No. | Description                                  | Scale  | Sheet  | Total |
|-----|--|--------|--------|-------|
| 1   | Well Pad 29, Cristian Basti, Nondor South RF | 1:1000 | 1 of 1 | 1     |



**ENLARGE PART OF WELLPAD-29 SHOWING THE FACILITIES**





**SCHEME FOR COMPENSATORY AFFORESTATION (PLANTATION) SCHEME  
AGAINST THE LAND PROCURED BY VEDANTA FOR DIVERSION PROPOSAL WELL  
PAD NO. 29 WITHIN NAMBOR SOUTH RESERVE FOREST UNDER GOLAGHAT  
DIVISION**

| DETAIL OF THE PROPOSED CA AREA   | AREA IN HECT   |
|--|--|
| Village No. 2 Pahumora, Baligaon Mouza, Jorhat<br>West Revenue Circle, Jorhat. | 4.13 Ha.   |
| Area of Afforestation  | <p>4.13 Ha. at Village No. 2 Pahumora, Baligaon Mouza, Jorhat West Revenue Circle, Jorhat with the following GPS location under Jorhat Revenue Circle, Jorhat.</p> <p>a) Lat = : 26°48'17.241" N;<br/>Log = : 94°8'27.725" E</p> <p>b) Lat = : 26°48'14.005" N;<br/>Log = : 94°8'29.490" E</p> <p>c) Lat = : 26°48'10.630" N;<br/>Log = : 94°8'31.778" E;</p> <p>d) Lat = : 26°48'9.900" N;<br/>Log = : 94°8'33.581" E;</p> <p>e) Lat = : 26°48'8.652" N;<br/>Log = : 94°8'35.198" E;</p> <p>f) Lat = : 26°48'6.336" N;<br/>Log = : 94°8'32.242" E;</p> <p>g) Lat = : 26°48'8.920" N;<br/>Log = : 94°8'30.203" E;</p> <p>h) Lat = : 26°48'7.831" N;<br/>Log = : 94°8'28.128" E;</p> <p>i) Lat = : 26°48'15.300" N;<br/>Log = : 94°8'23.664" E;</p> |

**ESTIMATE**

|     |  |                         |
|-----|--|-------------------------|
| I)  | Area to be taken for plantation = 4.13 ha. | = 54,57,879.00          |
| II) | NPV @ Rs. 11,16,900.00/Ha x 4.125 ha.      | = 46,07,212.50          |
|     | <b>Total</b>                               | <b>= 1,00,65,091.50</b> |

(Rupees One Crore Sixty Five Thousand Ninety One Rupees and Fifty Paise only)

Submitted /

*[Signature]*  
Divisional Forest Officer  
Golaghat Division  
Golaghat



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GOVERNMENT OF ASSAM  
MINES AND MINERALS DEPARTMENT  
DISPUR, GUWAHATI -6.

No.PEM.40/2019/129

Dated Dispur, the 7<sup>th</sup> Aug., 2019.

From : Secretary to the Government of Assam,  
Mines and Minerals Department,  
Dispur, Guwahati -6.

To : The Director Exploration  
1<sup>st</sup> Floor, 'C' Wing Unit 103, Corporate  
Avenue, Atul Projects, Chakala, Andheri  
(East), Mumbai 400093, Maharashtra.

Sub : Grant of Petroleum Exploration License of Karbi Anglong and Golaghat  
Districts in the Block AA-ONHP-2017/1 measuring 668.5 Sq. Km. to Vedanta  
Ltd. in the State of Assam.

Ref : No. NIL dt. 18/10/2018.

Sir,

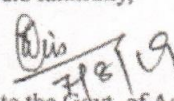
I am directed to say that the Government of Assam is pleased to grant Petroleum Exploration License of Karbi Anglong and Golaghat Districts in the Block AA-ONHP-2017/1 measuring 668.5 Sq.Km. to Vedanta Ltd. in the State of Assam for 8 (eight) years from the date of execution under rule 5(i) (ii) read with Rule 12 of the Petroleum & Natural Gas Rules 1959 (as amended from time to time) in pursuance of Govt. of India's letter D.O. No. O-12017(11)/25/2018-ONG-II Dt. 04/12/2018 conveying their approval for grant of Karbi Anglong and Golaghat Districts PEL.

The grant of PEL is subject to the observance and conditions laid down in the PEL Deed to be executed between the Govt. of Assam and Vedanta Ltd.

You are therefore, requested to fulfill all the conditions like Environment clearance, Forest clearance, etc. as required before the execution of work.

The receipt of the letter may pleased be acknowledged.

Yours faithfully,

  
Secretary to the Govt. of Assam  
Mines & Minerals Department,  
Dispur, Guwahati-6.


Dated Dispur, the 7<sup>th</sup> Aug., 2019.

Memo.No.PEM. 40/2019/129 -A

Copy forwarded for information and necessary action to :-

1. The Addl. HOD(HELP), Directorate General of Hydrocarbons, OI DB Bhawan, Tower-A, Plot No. 2, Sect. -73, Noida-201301.
2. The Joint Secretary to the Govt. of India, Ministry of Petroleum & Natural Gas, New Delhi-110001 Shastri Bhawan, with reference to his letter D.O. No.O-12017(11)/25/2018-ONG-II Dt. 04/12/2018.
3. The Director, Geology & Mining, Assam, Kahilipara, Guwahati-19. He is requested to prepare the draft PEL Deed and execute the same with Vedanta Ltd. in corporation and updating the relevant clauses of terms and condition as necessitated with recent development with intimation to this Department at an early date. This has the reference to his letter No.GM/MM/11/6704 dated 06/02/2019.
4. The Deputy Commissioner & Supdt. of Police, Karbi Anglong and Golaghat Districts, Assam.
5. The Principal Chief Conservator of Forest & Head of Forest Force, Aranya Bhawan, Panjabari, Ghy-37.

By order etc.

  
Joint Secretary to the Govt. of Assam,  
Mines & Minerals Department,  
Dispur, Guwahati-6.



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FORM -I

ANNEXTURE-I

GOVERNMENT OF ASSAM  
OFFICE OF THE DISTRICT COLLECTOR

NO. ITDP/G/FRA-2006/89/PT-I/2017/ 128

Dated : 5-1-2022

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forest (MoEF), Government of India's letter No. 11-9/98/FC(Pt.) Dated 3<sup>rd</sup> August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act. 2006 (FRA, for short) on the forest land proposed to be diverted for non-forest purposes read with MoEF's letter dated 5<sup>th</sup> February 2013 wherein MoEF issued certain relaxation in respect of linear projects, it is certified that **4.125** hectares of forest land proposed to be diverted in favour of Vedanta Ltd. ( Division : Cairn Oil and Gas) (name of the user agency) purpose for oil and gas exploration, development and production in Block AA-ONHP/2017/1 in Assam -Well pad No. 29 (Purpose for diversion of forest land) in Golaghat district falls within jurisdiction of Christian Basti village in Sarupathar tehsil.

It is further certified that:

- (g) The complete process for identification and settlement of rights under FRA has been carried out for the entire **4.125** hectares of forest area proposed for diversion. A copy of records of all consultations and meeting of the Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(s) and the District level Committee are enclosed as annexure I to II.
- (h) The diversion of forest land facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it.
- (i) The proposal does not involve recognized right of Primitive Tribal Groups and Pre-Agricultural communities.

Encl: As above .



(Mrigesh Narayan Barua ACS)  
Deputy Commissioner, Golaghat  
(Full name and official seal of the District Collector)



**GOVERNMENT OF ASSAM  
OFFICE OF THE DISTRICT COLLECTOR, GOLAGHAT**

NO. ITDP/G/FRA-2006/89/PT-I/2017/722/ 129

Dated : 5-1-2022

TO WHOMSOEVER IT MAY CONCERN

In compliance of the Ministry of Environment and Forest (MoEF), Government of India's letter No. 11-9/98/FC(Pt.) Dated 3<sup>rd</sup> August 2009 wherein the MoEF issued guidelines on submission of evidences for having initiated and completed the process of settlement of rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights) Act. 2006 (FRA, for short) on the forest land proposed to be diverted for non-forest purposes read with MoEF's letter dated 5<sup>th</sup> February 2013 wherein MoEF issued certain relaxation in respect of linear projects, it is certified that **4.125** Hectares of forest land proposed to be diverted in favour of Vedanta Ltd. (Division : Cairn Oil and Gas) for oil and gas exploration, development and production in Block AA-ONHP/2017/1 in Assam - Well pad No. 29 (Purpose for diversion of forest land) in Golaghat district falls within jurisdiction of Christian Basti village in Sarupathar tehsil.

It is further certified that:

- (a) The complete process for identification and settlement of rights under FRA has been carried out for the entire **4.125** Hectares of forest area proposed for diversion. A copy of records of all consultations and meeting of the Forest Rights Committee(s), Gram Sabha(s), Sub-Division Level Committee(s) and the District level Committee are enclosed as Annexure I to II
- (b) The proposal for such diversion (with full details of project and its implication, in vernacular/local language) have been placed before each concerned gram sabha of forest dwellers, who are eligible under FRA.
- (c) The each of concerned gram sabha(s), has certified that all formation /process under the FRA have been carried out and they have given their consent to the proposed diversion and the compensation and ameliorative measures, if any, having understood the purpose and details of proposed diversion. A copy of certificate issued by gram sabha of .....Village(s) is enclosed as annexure.....to annexure.....
- (d) The discussion and decision on such proposal had taken place only when there was a quorum of minimum 50 of members of Gram Sabha present.
- (e) The diversion of forest land facilities managed by the Government as required under section 3(2) of the FRA have been completed and the Gram Sabhas have given their consent to it.
- (f) The right of Primitive Tribal Groups and Pre-Agriculture Communities, where applicable have been specifically safeguarded as per section 3(1)e of FRA.

Encls: As above.



(Mdgesh Narayan Barua, ACS)  
Deputy Commissioner, Golaghat

(Full name and official seal of the District Collector)