

OFFICE OF THE TAHASILDAR, TIRTOL

District- Jagatsinghpur
tah.tirtol-od@nic.in

Letter No. 691 /

Dated 18/03/2021

To

The Chairman,
State Environment Impact Assessment Authority,
Qr.No-5 R F-2/1, Unit-9, Bhubaneswar-751022.

*Sub : Issuance of Environmental Clearance in respect of
Tirtol Brick Earth Quarry of M/S Sarada K.B. Bricks*

Sir,

With reference to the subject cited supra, I am to say that, the mining plan of *Tirtol Brick Earth Quarry (M/S Sarada K.B. Bricks)* has been approved by the Deputy Director of Geology, Directorate of Geology, Bhu-Bigyan Bhawan, Bhubaneswar. The Environmental Clearance is required for production of bricks.

You are therefore requested to please take necessary steps for issue of Environmental Clearance in respect of *Tirtol Brick Earth Quarry (M/S Sarada K.B. Bricks)* under this Tehsil for taking further action at this end.

The copy of Modified Checklist, Form-1, Prefeasibility Report, Approved Mining Plan, Environmental management plan, Toposheet of 10 KM radius, village sheet showing quarry, Bank Challan of Rs.1000/- for your kind reference.

Encl.: As above



Yours faithfully,

[Signature]
17/3/2021
Tahasildar, Tirtol

OFFICE OF THE TAHASILDAR, TIRTOL

District- Jagatsinghpur
tah.tirtol-od@nic.inLetter No. 44 /Tauzi
To

Dated. 23/02/2021

The Chairman,
District Environmental Impact Assessment Authority (DEIAA),
Jagatsinghpur, Odisha.Sub: District Survey Report for Brick earth quarry of Tirtol Tahsil of
Jagatsinghpur - Regarding.

Sir,

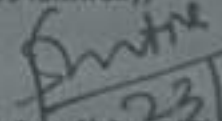
With reference to the subject cited Supra, I am to submit herewith the Name and location of Bricks earth quarries, applied to this Tahsil for preparation of Environmental Clearance.

I would therefore request you to kindly update the following data in District Survey Report of Bricks earth.

S I N O	Name of the Brick kiln applied	Mouza of Brick quarry	Khata No	Plot No	Area (Ac)	Latitude	Longitude
1	M/s Devi Bricks of Sri Pabitra Kumar Swain	Tarajanga	547/2	129/18 24 (P)	2.47	20°18'53. 81" to 20°18'58. 20" N	86°18'22. 38" to 86°18'27. 05" E
2	M/s Durga Bricks of Sri Bijay Kumar Nath	Jadatira	670/189 670/190	164, 39 97, 124	1.89	20°18'28. 79" to 20°18'36. 67" N	86°21'39. 97" to 86°21'56. 22" E
3	M/s Rupa Brick Kiln of Sri Anil Mohapatra	Tirtol	360, 1189	530, 531	1.29	20°18'26. 43" to 20°18'36. 95" N	86°21'5.6 0" to 86°21'12. 25" E
4	M/s Manu KB Bricks of Sri Ajaya Kumar Sahoo	Jadatira	670/178, 670/139	36 35	1.19	20°18'36. 51" to 20°18'43. 06" N	86°21'58. 02" to 86°21'59. 18" E
5	M/s Sarada KB Bricks of Sri Patitapaban Hota	Tirtol	580	471, 472 , 476, 477	2.56	20°18'42. 23" to 20°18'44. 82" N	86°21'50. 39" to 86°21'53. 50" E
6	M/s Sai Bricks of Sri Rakesh Kumar Mohapatra	Tirtol	1286	160, 167 , 168	0.67	20°18'41. 44" to 20°18'43. 06" N	86°20'28. 22" to 86°20'30. 44" E

This is for your kind information & necessary action.

Yours faithfully,


 23/2/2021
 Tahasildar, Tirtol

File No. TIRTOL-18011/3/2020-TAUZI SECTION-TT-TIRTOL TAHASIL

Memo No. 442 / Dt. 23 04 2021 /

Copy submitted to the Chairman, State Environmental Impact
Assessment Authority (SEIAA), Odisha, Bhubaneswar for kind information

[Signature]
23/4/2021
Tahasilidar, Tirtol

Date: 08.03.2021

To
Tahsildar
Tirtol Tahsil,
Jagatsinghpur, Odisha

Sub: Submission of Approved Mining Plan & application for environmental clearance for extracting and using of minor mineral i.e. brick earth from Tirtol Brick earth quarry for my Brick Kiln unit (M/s Sarada K B Bricks).

Ref: Your Letter No - 81/Tousi, on dated 08.01.2021.

Sir,

With reference to the above cited subject and references, Mining Plan for the above said project has been approved by the Deputy Director of Geology, o/o Director of Geology Bhu-Bigyan Bhawan, Bhubaneswar-751001 and prepared the Pre-feasibility Report & Environmental management plan.

In this connection, I am herewith submitting approved mining plan, Form - 1 along with Pre-feasibility report, and Modified check list along with a Bank Challan of Rs. 1000/- towards scrutiny fees for environmental clearance.

Therefore you are requested to kindly forward the said documents to the Chairman, SEIAA, Odisha for issue of environmental clearance of my Brick earth quarry at the earliest and obliged.

Yours faithfully

Patitapabana Hota

(Patitapabana Hota)

Encl:

1. Modified Checklist
2. Form - 1
3. Prefeasibility Report
4. Approved Mining Plan
5. Environmental management plan
6. Toposheet of 10 Km radius
7. Village sheet showing quarry
8. Bank Challan of Rs. 1000/-,



Government of Odisha
Cyber Treasury
eChallan



1.	Name of the Depositor	Sri Patitapabana Hota
2.	Depositor's Address	At/PO: Tritol Odisha Jagatsinghpur 754137
3.	District	Jagatsinghpur
4.	e Challan Reference Id	30F739E08D
5.	Total Transaction Amount (In Rs.)	Rs. 1000/- (echallan- Rs. 1000/- + agency- Rs. 0/-)
6.	Amount (In words)	One Thousand Only

Head of Account

Description	Head Of Account	Amount	Challan Number & Date
Scrutiny Fees for seeking Environmental clearance	0406-02-800-0097-02206-000	Rs. 1000/-	Not Generated
	Total Amount	Rs. 1000/-	

Bank Details

Name of the Bank	STATE BANK OF INDIA
Mode of Transaction	Net Banking
Bank Transaction ID	IK08AEFAY18
Bank Transaction Date & Time	06/03/2021 12:54:05 AM
Bank Transaction Status	Successful Confirmation Received from Bank as Success

Payment Remarks

Sarada K B Brcks

GOVERNMENT OF ODISHA
Directorate of Treasuries and Inspection

* This is a computer generated challan and doesn't require any signature or stamp.

Generated on : 06/03/2021 12:54:12 AM

MODIFIED CHECK LIST FOR MINOR MINERAL MINING PROJECT

1.	Online date of application & File No.	:	
2.	Scrutiny fees challan details	:	Yes Challan Ref No.: 30F739E08D
3.	Name & address of the Applicant (with postal pin code, mobile / landline no., Email ID.)	:	Sri Patitapabana Hota M/s Sarada KB Bricks At/PO: Tirtol, Tehsil: Tirtol Jagatsinghpur
4.	Category of Project(B1/B2)	:	B2
5.	Type of proposal (New / Existing / Expansion/ Extension / Amendment)	:	NEW
6.	Name of the Minor Mineral projects	:	Brick Earth, Tirtol Brick Earth Quarry (M/s Sarada K B Bricks) Over an area of 2.36 Acre or 1.036 Hectares in village Tirtol under Tirtol Tahasil of Jagatsinghpur District of Odisha.
7.	Whether the present proposal is shown as an identified source of the particular minor mineral in the approved DSR report of the District (Yes / No.) If yes, the page no. / para no / map location in DSR report.	:	No. there is no DSR for bricks earth quarries have been prepared
8.	Lease period, letter of lease and lease execution documents granted by the concerned authority.	:	5 years. Consent letter from Tahasildar is enclosed. Sarada KB Brick Land of Sri Patitapabana Hota Proprietor of M/s Sarada K B Bricks
9.	Area of the lease (ha)	:	2.56 Acres or 1.036 Ha.
	a) Forest Land (ha.)	:	Nil
	i) If Forest land; status of forest clearance	:	
	b) Non-forest / Govt. land (ha.)	:	Nil
	c) Non-forest Private land (ha.)	:	2.56 Acres or 1.036 Ha.
10.	For Minor Mineral other than Sand (i.e. Stone / Murrum / Laterite / Decorative Stone / Brick Earth etc.), the concerned DFO to verify the DLC report of the District, and inform, if the proposed lease area plots are listed therein as forest land. Whether the said Certificate from DFO is attached (Yes / No)	:	The lease area belongs to private land and the KISSAM of land is Patita (Waste) Yes, Certificate of Tahasildar is enclosed
11.	For Brick Earth Minor Mineral cases on Agricultural land Please specify following:	:	Brick Earth Minor Mineral
	(i) Upland / medium land / low land	:	Upland
	(ii) Rain fed / irrigated	:	Irrigated
	(iii) Cropping pattern involved	:	Twice Paddy
	(iv) Distance of site from nearest Thermal Power Plant	:	GMR Energy at a Distance of 150 Kms & Aarti Steels Ltd. At 87 Kms
12.	Whether any vegetation exists in the lease area? If so, specify the type and quantity (number/area)	:	No crop Seen since Long
13.	Location of mine (Detailed land schedule, etc.) with landmark.	:	Tirtol Brick Earth Quarry (M/s Sarada K B Bricks) Over an area of 2.56 Acre or 1.036 Hectares in village Tirtol under Tirtol Tahasil of

		Jagatsinghpur District of Odisha.		
i) District	:	Jagatsinghpur		
ii) Tahasil	:	Tirtol		
iii) Name of the River, incase of Sand Bed	:			
iv) Village / Mouza	:	Tirtol		
v) Khata No.	:	580		
vi) Plot No.	:	Sl. No.	Plot No.	Kisam
vii) Kisam (Classification)	:	1	471, 472, 476 & 477	Biali
viii) Co-ordinates of the site (Latitude and Longitude)	:	Latitude 20°18'32.35"N to 20°18'35.05"N Longitude 86°21'08.48"E to 86°21'13.59"E		
14.	Longitude and Latitude of nearest mine with boundary to boundary distance.	:	Nearest Mine Tirtol Earth Brick Quarry of M/s Rupa. Brick Kiln (of Sri Anil Mohapatra) is at distance of 0.2 km. Latitude 20° 18' 26.43" N to 20° 18' 26.95" N Longitude 86° 21' 06.60" E to 86° 21' 12.25" E	
15.	Whether mine area shown clearly in topo map and village sheet (in colour marking)(Yes / No.)	:	Yes shown Colour Marking	
16.	Environmental Sensitivity (should be mentioned clearly in Kilometers)			
Sl. No.	Area	Distance in Kilometer from the boundary of the lease area with Geo-coordinate i.e. longitude and latitude		
i.	Distance from the following infrastructural facilities			
	Nearest Railway line (with name)	:	Cuttack-Paradeep Branch Railway line at Sarala Road 2.0 Kms Latitude: 20°17'28.39"N Longitude: 86°18'17.75"E	
	Nearest National Highway (with name)	:	NH-53 (5A) at 16.5 Km at Bhagabanpur. Latitude-20° 22' 59.31" N Longitude-86° 29' 10.10" E	
	Nearest State Highway (with name)	:	SH-12 at Ararha (Tirtol) 320 m. Latitude-20° 18' 24.54" N Longitude-86° 21' 04.14" E	
	Nearest Major District Road (with name)	:	168 m. from project site village road Joining Tirtol to Taratol Latitude-20° 18' 40.15" N Longitude-86° 21' 02.98" E	
	Nearest Any Other Road (with name)	:	168 m. from project site village road Joining Tirtol to Taratol Latitude-20° 18' 40.15" N Longitude-86° 21' 02.98" E	
	Nearest Railway bridge / road bridge	:	250 m. from the Bridge over Taladanda Canal at Tirtol Latitude-20° 18' 26.29" N Longitude-86° 21' 05.22" E	
	Nearest Electric transmission line pole or tower	:	480 m. at Auromira Asram Latitude-20° 18' 42.67" N Longitude-86° 21' 09.25" E	
	Nearest Canal or check dam or reservoirs or lake or ponds	:	250 m. from the Taladanda Canal at Tirtol Latitude-20° 18' 26.29" N Longitude-86° 21' 05.22" E	
	Nearest in-take point with name for drinking water / industrial use	:	1.0 Km. from river Mahanadi Latitude-20° 18' 51.79" N Longitude-86° 20' 54.04" E	

	Nearest intake for irrigation	: 1.0 Km. from river Mahanadi Latitude-20° 18' 51.79" N Longitude-86° 20' 54.04" E
	Nearest River Embankment	: 1.0 km. from river Mahanadi Latitude-20° 18' 51.79" N Longitude-86° 20' 54.04" E
	Nearest point of intersection of the road used for transporting the minerals from the lease area with the NH/SH/Major district road/any other road.	: 0.3 Km. on Road Joining Tirtol-Tartol Latitude-20° 18' 39.83" N Longitude-86° 21' 02.29" E
	Distance of the haulage road (if to be constructed separately) from the embankment. If so, length and width of the haulage road and meeting point of haulage road with any other main road and also distance between the village road and the haulage road.	: No haulage road to be constructed separately
	Villages and name of those villages and their roads that will be used for transportation of minerals.	: Tirtol No village road will be used for this purpose
	Number and type of vehicle to be engaged for the purpose of transportation and their frequency of plying.	: Tipper 2 nos. (Frequency 4/day)
	Time and duration during which the loaded and empty vehicles for minerals will be used. Total distances of such village(s) road.	: 8 hours in a day for loading and transport.
ii.	Nearest Sanctuary / National Park/Eco-Sensitive Zone / Elephant Corridor/ Conservation Reserve and its distance from boundary of lease. (along with name of the Sanctuary / National Park) etc.	: Nandankanan Zoo at 50.0 Km Latitude: 20°23'48.84"N Longitude: 85°49'13.44"E
iii.	Nearest reserve forest (with name) with distance.	: Killpala PF 4.2 Kms in NW Latitude-20° 19' 49.58" N Longitude-86° 19' 36.28" E
iv.	Nearest Archaeological site (along with the name of the Archaeological Site) with distance.	: Sarala temple at Jhankad is 7.00 Kms from the site. Latitude-20° 16' 47.28" N Longitude-86° 17' 36.90" E
v.	Nearest State boundaries with distance.	: West Bengal 200 Kms at Digha Latitude-21° 37' 30.73" N Longitude-87° 31' 50.45" E
vi.	Nearest Defense installations with distance.	: Charbatia 56 Kms Latitude: 20°33'7.09"N Longitude: 85°53'24.17"E
vii.	Nearest Densely populated / built-up area / human habitation with distance from boundary of lease. (Name of the nearest habitation)	: Tirtol is 1.0 Kms from the site. Latitude-20° 18' 25.85" N Longitude-86° 20' 58.86" E
viii.	High tide line of sea and river, Nala, canal, estuaries as per CRZ act on upstream and its distance from boundary	: Paradip 38 Kms Latitude: 20°15'1.10"N Longitude: 86°03'41.38"E

	of lease.			
ix.	Nearest areas occupied by sensitive man-made land uses with distance. (hospitals, educational institutions, places of worship, community facilities, viz bus stoppage, park etc)	:	Tirtol is 1.0 Kms from the site. Latitude-20° 18' 25.85" N Longitude-86° 20' 58.86" E	
17.	Details of other mine(s) located within 500 meter from the periphery of the lease area			
Sl. No.	Name and address of the mine	Name of mineral	Lease area	EC status
(i)	Tirtol Earth Brick Quarry of M/s Rupa Brick Kiln	Brick earth	0.522 Ha.	Applied along with this application
18.	Certificate of the Tahasildar that there is no other minormineral lease or proposed lease area located within 500 m from the periphery of the proposed mine lease area as per approved DSR report in the area. Whether Certificate from Tahasildar attached (Yes/No)	:	Except Tirtol Brick Earth Quarry of M/s Rupa Brick Kiln no other minor mineral lease located within 500 mt from the periphery of the said lease. Certificate of Tahasildar is enclosed Yes	
19.	Other Proposals of the Same Lessee/proponent submitted for EC			
Sl. No.	Name and address of the mine	Name of mineral	Lease area	EC status
(i)	No Other Proposals of the Same Lessee/proponent submitted for EC			
20.	Whether the mining plan is approved? (Yes/No) If so, period of plan and name of the competent approving authority	:	Yes, plan period 5 years The mining plan is approved by Deputy Director of Geology, directorate of Geology, Bhubigyanbhawan, Bhubaneswar vide letter No. GXVII (g)-942/19 /DG Memo No.: 810/DG Dt. dt. 05.02.2021	
21.	Mining method (Manual/Semi mechanized/Mechanized)	:	Open cast Mining Method	
22.	Whether drilling and blasting is required (Yes / No.) If yes, explosive storage license status:	:	No Soft Brick Earth to be excavated	
23.	If any other minor mineral rich or proposed lease area is located within 500 mtrs from the periphery of the proposed mine lease area exist, the corresponding names with exact distances along with Geo-coordinates i.e. longitude and latitude is be indicated	:	No other minor mineral rich or proposed lease area is located within 500 mtrs from the periphery of the proposed mine lease area.	

24.	Plan for year wise plantation with species at the river embankment and along side of haulage road/village road for sand mining be indicated.	:	NA
25.	Top and Bottom R.L. of the stone quarry	:	Top R.L-7m. & Bottom R.L-5m.
26.	Whether any complaint or court case exists against lease (Yes / No)	:	No
27.	Whether any EC granted earlier by SEIAA / DEIAA (Yes / No)	:	No

Counter signed and recommended for
Environmental Clearance

Tahasildar

Signature with Seal of Tahasildar

Certified that the information furnished
above are true to the best of my

Knowledge

Signature of Applicant

Encl: The following documents are mandatory to submit along with filled-in checklist to receipt the proposal for consideration of Environmental Clearance:

1. Form-I duly filled.
2. Pre-feasibility Report (PFR) properly binding.
3. Environment Management Plan (EMP) properly binding.
4. Approved District Survey Report for minor mineral as per the amended Notification S.O. No. 3977(E) dated 14.08.2018 issued by MoEF&CC, Govt. of India.
5. Certificate from the concerned DFO / Tahasildar about involvement of DLC land in the lease area, whether it is forest or non-forest land (in case minor mineral other than sand).
6. Certificate from Tahasildar that there is no other mines located within 500m from the periphery of the proposed mine lease area as per DSR report in the area.
7. Certificate from Tahasildar indicating distance of boundary of mining lease from River Bridge, Railway Bridge, river embankment and Electric High Transmission Line (in case of sand mining).
8. Location map/Trace map from Tahasildar of all leases (existing & operating) around 1 km area of the project site.
9. Full scape toposheet (1:50,000 scale) showing all features and depicting lease site (colour marking).
10. Full scape village sheet showing location of the project and other mines within 500 meter (colour marking).
11. Full scape Toposheet showing areas within 10 Km radius from the lease area including Sanctuary/National Park, if Any (colour marking).
12. Lease permission /sanction order of Competent Authority (Tahasildar/ any other).
13. Scrutiny fee payment details
14. Approved mining plan along with approval letter.
15. Category of land and conversion document, if required
16. Copy of Environmental Clearance, if granted by DEIAA/SEIAA earlier and compliance to the Environmental Clearance conditions if granted.