



To,

**Addl. Principal Chief Conservator of Forests
Forest Division & Nodal Officer, FC Act
Aranya Bhawan, Chandrasekharpur
Bhubaneswar**

Ref: MPP/L&L/ 60 /15
Date: 13th Nov' 2015

Sub: Proposal for forest diversion of 330.972 ha of forest land as on 25.10.1980 (as per Sabik Records) in respect of Sukinda Chromite Mine.

Ref: 1) Memo No 5417, dt. 30.03.2015 of Govt. of Odisha, F&E Deptt.
2) F.No.8-78/1996-FC (pt.), GoI, MoEF & CC dt. 10.03.2015.
3) Letter No 3384, dt. 09.04.2015 from DFO, Cuttack.
4) Online Form-A reference no. FP/OR/MIN/16331/2015.

Dear Sir,

We wish to inform you that Hal Settlement was published in the year 1992-93 according to which Sukinda Chromite Mine is having forest land of 73.697 ha and non-forest land of 332.303 ha out of the 406 ha of the mining lease-hold area. Company has already been granted with Stage-II forest clearance over 73.697 ha of forest land as per Hal RoR vide MoEF, Govt. of India letter no. 8-78/96-FC, dated 27.01.1998. Now with the MMDR (Amendment) Act 2015 coming into force and subsequently with MoEF&CC Circular dated 01.04.2015, the above mentioned earlier granted forest clearance has now deemed to be extended till 31.03.2020. The Company has also been granted with Stage-I approval for 73.697 ha for the renewal period vide letter dated 03.11.2014 of MoEF&CC along with one year working permission.

However, with the MoEF&CC circular dated 10.03.2015, the total extent of forest land has now been estimated to be 404.669 ha out of 406 ha of the mining lease-hold as per Sabik ROR i.e. as on 25.10.1980. NPV over entire forest land of 404.669 ha has already been paid.

Thus, in accordance with the MoEF&CC circular dated 10.03.2015, Company is now submitting forest diversion proposal over balance forest land of 330.972 ha. It is pertinent to mention here that the mining operation is going on since 1960 and the entire mining lease area of 406 ha is broken up much prior to 25.10.1980.

Forest Diversion Proposal in Form-A was submitted online having reference no. FP/OR/MIN/16331/2015 and now we are submitting the Signed copy of Proposal (Form-A downloaded from MoEF&CC website) towards acceptance of the proposal. Further, we are submitting herewith Forest Diversion Proposal in hard copies (six nos.) over 330.972 ha of

TATA STEEL LIMITED

Sukinda Chromite Mine PO Kalarangiatta Dist Jajpur Orissa 755028
Phone no 91 6726 268765 Fax : 91 6726 268734
Registered Office Bombay House 24 Homi Mody Street Mumbai 400 001
Corporate Identity Number L27100MH1907PLC000260 Website www.tatasteel.com



forest land as on 25.10.1980 with necessary annexure complete in all respects. We request that the said proposal may kindly be considered for obtaining approval of MoEF&CC under Section-2 of Forest (Conservation) Act, 1980.

Thanking You,

Yours faithfully,

F: TATA STEEL Ltd.,

For TATA STEEL LTD.
By their Constituted Attorney

(GANESH PRASAD SAHU)
Head (Ferro Alloys Production)
Ferro Alloys & Minerals Division

(GANESH PRASAD SAHU)
Head (Ferro Alloys Production)
&
Power of Attorney Holder

Enclosed:

1. Signed copy of Proposal (Form-A downloaded from MoEF&CC website)
2. Six copies of FDP with six copies of approved Mining plan.

Copy to: Divisional Forest Officer, Cuttack Forest Division

TATA STEEL LIMITED

Sukinda Chromite Mine PO Kalarangiatta Dist Jajpur Orissa 755028
Phone no 91 6726 268765 Fax : 91 6726 268734
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FORM - A

Form for seeking prior approval of Central Government under section 2 of the Forest(Conservation) Act, 1980 for Diversion of fresh forest area

PART - I

(To be filled up by User Agency)

A. General Details

A-
1. Project Details

(i). Proposal No. : FP/OR/MIN/16331/2015

(ii). Name of Project for which Forest Land is required : SUKINDA CHROMITE MINE

(iii). Short narrative of the proposal and Project/scheme for which the forest land is required : Proposal for diversion of 330.972 ha as per Sabik Records (i.e. forest area as on 25.10.1980) is being submitted with pursuance to the MoEF Circular No. F.No.8-78/1996-FC, dated 10.03.2015 in respect of Sukinda Chromite Mine for mining of Chromite and Pyroxenite ore.

(iv). State : Orissa

(v). Category of the Project : Mining

(vi). Shape of forest land proposed to be diverted : Non Linear

(vii). Estimated cost of the Project(Rupees in lacs) : 91000

(viii). Total Area of Forest Land proposed for diversion(in ha.): 330.972

(ix). Non-Forest Land required for this project(in ha.): 1.331

(x). Total period for which the forest land is proposed to be diverted(in years): 20

A-
2. Details of User Agency

(i). Name : TATA STEEL LIMITED SUKINDA CHROMITE MINE

(ii). Address1 : SUKINDA CHROMITE MINE P.O- KALARANGIATTA DIST- JAJPUR ODISHA

(iii). Address2 : NIL

For TATA STEEL LTD.
By their Constituted Attorney

(GANESH PRASAD SAHU)
Head (Ferro Alloys Production)
Ferro Alloys & Minerals Division

(iv). State : Orissa

(v). District : Jajapur

(vi). Pin : 755028

(vii). Landmark : P.S- KALIAPANI

(viii). Email address : dipakbehera1@gmail.com

(ix). Landline Telephone No. : 268763

(x). Fax No. : 268734

(xi). Mobile No. : 9238087049

(xii). Website (if any) : www.tatasteel.com

(xiii). Details of Proposals seeking prior approval of Central Government under the Act for diversion of forest land submitted by the User Agency in the past

List of proposal submitted in Past							
S.no	Proposal Status.	Proposal No.	Moef File No.	Area Proposed for Diversion(Ha.)	Area Diverted(Ha.)	Date of In-Principle Approval	Date of Final Approval
NIL							

(xiv). Legal status of User Agency : Private

A-
3. Details of Person Making Application

(i). First Name: Ganesh

(ii). Middle Name: Prasad

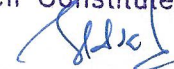
(iii). Last Name: Sahu

(iv). Gender: Male

(v). Designation: Head (Ferro Alloys Production)

(vi). Address 1: AT/P.O- Bamnipal Dist- Keonjhar Odisha

For TATA STEEL LTD.
By their Constituted Attorney



(GANESH PRASAD SAHU)
Head (Ferro Alloys Production)
Ferro Alloys & Minerals Division

(vii). Address 2: O/o: GM (Operations) Ferro Alloys & Minerals Division Sukinda Chromite Mine, Tata Steel Ltd, P.O- Kalarangiatta, Dist- Jajpur

(viii). State: Orissa

(ix). District: Keonjhar

(x). Tehsil: Barbil

(xi). Pin: 758082

(xii). Landmark: NIL

(xiii). Email Address: dipakbehera1@gmail.com

(xiv). Landline Telephone No.: 268763

(xv). Fax No.: 06726268734

(xvi). Mobile No.: 9238087049

(i). Copy of documents in support of the competence/authority of the person making this application to make application on behalf of the User Agency: No Data

B. Details of land required for the Project

B- Details of proposal seeking prior approval of Central Government under the Act for 1. diversion of forest land for the Project already submitted in the past

(i). Whether any proposal seeking prior approval of Central Government under the Act for diversion of forest land required for the project has been submitted in the past?. : Yes


(ii). Details of proposal seeking prior approval of Central Government under the Act for diversion of forest land for the Project already submitted in the past.

List of proposal submitted in Past							
S.no	Proposal Status.	Proposal No.	Moef File No.	Area Proposed for Diversion(Ha.)	Area Diverted(Ha.)	Date of In-Principle Approval	Date of Final Approval
NIL							

B- 2. Details of forest land proposed to be diverted

B-2.1 Details of Divisions involved

For TATA STEEL LTD
By their Constituted Attorney


(GANESH PRASAD SAHU)
Head (Ferro Alloys Production)
Ferro Alloys & Minerals Division

Details of Divisions involved			
S.no	Division Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Cuttack	330.972	1.331

B-2.2 Details of Districts involved

District wise breakup			
S.no	District Name	Forest Land(ha.)	Non-Forest Land(ha.)
1.	Jajapur	330.972	1.331

B-2.3 Village wise breakup

Villages wise breakup			
S.no	Village	Forest Land(ha.)	Non-Forest Land(ha.)
1	Kalarangiatta	206.304	0
2	Mahulkhal	1.473	0.065
3	Kaliapani	123.195	1.266

B-2.4 Component wise breakup

Component wise breakup			
S.no	Component	Forest Land(ha.)	Non-Forest Land(ha.)
1	Mining	153.708	0
2	Storing of Mineral/Ore (Stack yard)	36.67	0
3	Dumping of OB (Waste Disposal, Feed Dump & Tailing)	37.835	0.295
4	Storing of Tools & Machineries (Store & Workshop)	2.79	0
5	Construction of Building, Power Station(COB Plant)	18.7	0
6	Township/Housing Colony (Camp area)	35.233	0.862
7	Construction of Road, Ropeway, Rly. Line etc.	11.819	0.041
8	Magazine	0	0
9	Green Belt	34.217	0.133

C. Maps of forest land proposed to be diverted


Division 1. : Cuttack
(i). Area of forest land proposed to be diverted(in ha.) : 330.972


TATA STEEL LTD.
their Constituted Attorney


(GANESH PRASAD SAHU)
Head (Ferro Alloys Production)
Ferro Alloys & Minerals Division

(ii). : Non Linear


(a). No. of patches : One

Patch wise details		
Patch No.	Area of Patch(in ha.)	Kml File of Patches
1.	330.972	 View File

(iii). Copy of Survey of India Toposheet indicating boundary of forest land proposed to be diverted: 

(iv). Scanned copy of the Geo-referenced map of the forest land proposed to be diverted prepared by using GPS or Total Station: 

D. Justification for locating the Project in forest land and details of alternatives examined:

(i). Copy of note containing justification for locating the Project in forest land: 

E. Employment likely to be generated

(i). Whether the Project is likely to generate employment?: Yes

(ii). Permanent/Regular Employment(Number of persons): 545

(iii). Temporary Employment(Number of person-days): 1190

F. Displacement of People due to the Project, if any

(i). Whether Project involves displacement?: No

For TATA STEEL LTD.
By their Constituted Attorney

G. Details of Cost-Benefit analysis for the Project

(i). Whether the Project requires Cost-Benefit analysis?: Yes

(GANESH PRASAD SAHU)
Head (Ferro Alloys Production)
Ferro Alloys & Minerals Division

(a). Copy of Cost-Benefit analysis: 


H. Status of Environmental Clearance

(i). Whether the Project requires Clearance under the Environment (Protection) Act 1986?:

Yes

(a). Status of the Environmental Clearance to the Project: EC obtained

(b). Environmental Clearance File No.: J-11015/96/2011-IA.II(M)

(c). Copy of Environmental Clearance to the Project: 

(d). Date of grant of Environmental Clearance to the Project: 06 Sep 2013

I. Status of Wildelife Clearance

(i). Whether the Project or a part thereof is located in any Protected Area or their Eco sensitive zone? : No

J. Applicability of special provisions governing Scheduled Areas

(i). Whether the Project or a part thereof is located in a Scheduled Area? : No

K. Status of settlement of rights under the Forest Rights Act, 2006 on the forest land proposed to be diverted

(i). Whether the process for settlement of Rights under the Forest Rights Acts 2006 on the forest land proposed to be diverted has been completed? : No

L. Details of land identified for Compensatory Afforestation

(i). Whether non-forest or Revenue forest land is required to be provided by User Agency?: No

(ii). Whether the area of non-forest land or Revenue forest land required to be provided by User Agency for raising Compensatory Afforestation is less than area of forest land proposed to be diverted?: No

(iii). Reason for not providing Non-Forest Land: Renewal of mining lease, for the forest area already broken/used for mining, dumping or overburden, construction of roads, ropeways, buildings, etc.

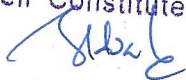
M. Mining Details

M-
1. Details of Mineral Concessions

(i). Whether the forest land is aquired under Coal Bearing Areas Act: No

(a). Reference number of Letter of Intent for grant of mining lease.(approval letter of the

For TATA STEEL LTD.
By their Constituted Attorney


(GANESH PRASAD SAHU)
Head (Ferro Alloys Production)
Ferro Alloys & Minerals Division

State Mines and Geology Department): 7099/SM/III(CR) SM-22/2013

(b). Date of issue of the Letter of Intent(LOI) for grant of mining lease: 30 Jul 2015

(c). Copy the Letter of Intent(LOI): 


(d). Total area of the mining lease(in ha.): 406

(e). Area of forest land located in the mining lease(in ha.): 404.669

M-
2. Details of Mining Plan

(i). Date of approval of mining plan: 22 May 2012


(ii). Approval authority: Controller of Mines (CZ)

(iii). Copy of approval of mining plan: 

(iv). Copy of approved mining plan: 


(v). Nature of mining (underground/opencast): Opencast

(vi). Copy of the detailed land use plan in 1:4,000 scale prepared by using GPS or Total Station : 

(vii). Copy of map of the outer boundary of mining lease area:  [View file](#)

M-
3. Details of prospecting undertaken to assess mineral reserves

(i). Whether detailed prospecting to assess mineral reserve in the lease has been undertaken:
Yes

prospecting undertaken to assess mineral reserves					
S.no	Designation of authority responsible for grant of the original prospecting license	Date of grant of prospecting licence	Period of validity of extension prospecting licence From date	Period of validity of extension prospecting licence To date	Copy of prospecting licence
1	Maharaja of Sukinda	14 Apr 1952	14 Apr 1952	22 Oct 1952	

M-
4. Details of extension (if any) of original prospecting licence issued in the past

For TATA STEEL LTD.
 by their Constituted Attorney

 (GANESH PRASAD SAHU)
 Head (Ferro Alloys Production)
 Ferro Alloys & Minerals Division

(i). Whether detailed prospecting to assess mineral reserve in the lease has been undertaken:
No

M-5. Brief details of prospecting activities undertaken in the mining lease :

(i). Detail of prospecting activity under taken in the mining lease: The entire leasehold area has been well explored (G1) although more emphasis has been given for detailed exploration for three established chromite bands. As the ore bodies are vertical, all the ore b

M-5.1 Details of bore holes drilled for prospecting :

Bore holes drilled for prospecting				
S.no	No. of Bore holes (in forest land)	Diameters(in inch.) forest land	No. of Bore holes (in non-forest land)	Diameters(in inch.) non-forest land
1	627	404.669	0	1.331

M-5.2 Estimated Reserve along with accuracy and confidence level

Estimated Reserve along with accuracy and confidence level						
Minerals	Estimated Reserve (million tones)	% accuracy (+ -)	% confidence level	Estimated Reserve (million tones)	% accuracy (+ -)	% confidence level
Chromite	4.892	10	90	0	0	0
Chromite	0.174	10	90	0	0	0
Chromite	13.818	30	70	0	0	0
Dunite & Pyroxenite	3.080	10	90	0	0	0

FOR TATA STEEL LTD
By their Constituted Attorney

(GANESH PRASAD SAHU)
Head (Ferro Alloys Production)
Ferro Alloys & Minerals Division

M-6. Details of approval under the Forest (Consevation) Act, 1980 obtained for undertaking prospecting activities in the forest land located in the mining lease

(i). Whether approval under the Forest (Conservation) Act, 1980 for undertaking prospecting activities in the forest land located in the mining lease have been obtained No

Details of approval under the Forest(Consevation) Act,1980					
S.no	MoEF File No	Date of approval	Area of forest land diverted(in ha.)	From Date	To Date
NIL					

M-7. Mineral wise details


(i). No. of minerals: Two

Mineral wise details						
Minerals	Estimated reserve in non forest land(million tons.)	Estimated reserve in forest land(million tons.)	Estimated annual extraction(million tons.)	Estimated life of mine(Yrs.)	Total estimated extraction during mining lease period(million tons.)	Estimated mineral reserve at the end of mining lease(million tons.)
Chromite	0	18.884	2.4	8	8	10.884
Dunite & Pyroxenite	0	3.08	0.5	7	1.75	1.33













M-7.1 Proposed use of the minerals proposed to be raised from the mining lease

(i). Proposed use of the minerals proposed to be raised from the mining lease: Captive+Non captive


(a). Copy note containing details of the linked end-use Project: 






















(ii). Copy note containing details of the plan for the transportation of the minerals proposed to be raised from the mining lease: 

Additional information Details

Documents		
S.No	Documents	Remarks
1		Form A scanned copy
2		Stage-II FC over 73.697 ha
3		Grant of 2nd RML
4		Compliance to Stage-II Conditions
5		Undertaking by User Agency
6		Reclamation & Afforestation Scheme
7		Consent to Operate under Air & Water Act
8		Payment of NPV
9		Proceeding of Gram Sabha (English)
10		Proceeding of Gram Sabha (Oriya)
11		Present & Proposed Land Use Pattern
12		FRA Certificate from

For TATA STEEL LTD.
By their Constituted Attorney


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Head (Ferro Alloys Production)
Ferro Alloys & Minerals Division

		Collector Jajpur over 73.697 ha
13		ORSAC Authenticated DGPS Coordinates of ML Boundary
14		Memorandum of Association & Article of Association
15		Profile of Lessee
16		Stage-I FC over 73.697 ha for the renewal period
17		Compliance to Stage-I Condition
18		Supplementary Lease Deed executed & registered
19		Correspondence for FRA over forest land to be diverted (330.972ha)
20		Safety Zone Map (PLATE IV)
21		Geological Plan (PLATE V)
22		Reclamation & Afforestation Plan (PLATE VI)
23		Proposed Land use Plan till 2020 (PLATE IIIB)
24		Proposed Land use Plan till End of Life (PLATE IIIC)
25		DGPS Map Authenticated by Forest Officials, DDM, Tahsildar (PLATE IIB)
26		Authenticated Land Schedule
27		2nd RML Grant Order by State Govt
28		Checklist On-line submission
29		Supreme Court Order TWP
30		Land Schedule of Surface Right Area
31		Express Order from State Govt for 3rd RML
32		Lead Deed for 2nd RML Period- Sukinda Chromite Mine
33		ORSAC DGPS Map authentication

OF TATA STEEL LTD.
By their *Consulted* Attorney

(GANESH PRASAD SAHU)
Head (Ferro Alloys Production)
Ferro Alloys & Minerals Division

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