



FOREST CONSERVATION ACT, 1980

**PROPOSAL FOR DIVERSION OF
330.972 HECTARES OF FOREST LAND
AT SUKINDA CHROMITE MINE**

TATA STEEL LIMITED

P.O.: KALARANGIATTA, DIST.: JAJPUR

**PROPOSAL FOR DIVERSION OF FOREST LAND
FOR SUKINDA CHROMITE MINE OF
TATA STEEL LIMITED.**

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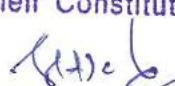
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II	Plan Showing Mining Lease area of 406 ha. in respect of Sukinda Chromite Mine (Scale 16" = 1 Mile Or 1:3960) duly authenticated by Tahasildar, Sukinda. DGPS/ETS map of ML area and Forest boundary prepared by the ORSAC	FAMD/L&L/SCM/A/02/2015 Dated 15.04.2015
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For TATA STEEL LTD.
By their Constituted Attorney


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

FORM- 'A'**(See Rule 6)**

Form for seeking prior approval under section 2 of the proposal by State Government and other authorities in respect of Sukinda Chromite Mine.

PART-I**(To be filled up by user agency)**

1	Letter No. & date vide which clearance under Forest (Conservation) Act, 1980 accorded by the Central Government (copy to be enclosed)	<p>: Approval for diversion of 73.697 ha of the entire forestland within the Mining Lease of Sukinda Chromite Mine over 406 ha was accorded vide letter No. 8-78/96-FC dated 27.01.1998 of Asstt. Inspector General of Forests, Government of India, Ministry of Environment and Forests, New Delhi, is enclosed.</p> <p style="text-align: right;">- Annexure - I</p>
2	Project details.	<p>: History of Chromite mining in Sukinda Valley started way back in 1949 when the Steel Company's Prospecting Division discovered the occurrence of chromite. The Sukinda Chromite Mine of Tata Iron & Steel Company Limited (erstwhile name of Tata Steel Limited) was originally granted under Prospecting License & Mining Lease by the then Raja of Sukindagarh Estate over an area of 7 sq. miles (1813 ha) for a period of 20 years in the year 1952. After the abolition of Estate, the State Government ratified the mining lease for a period of 20 years with effect from 12.01.1953.</p> <p>Subsequently, 1st renewal of the mining lease was granted for a period of 20 years with effect from 12.01.1973 over a reduced area of 1261.476 ha.</p> <p>The 2nd renewal Lease Deed over a further reduced area of 406 ha was executed on 18.05.1998 for a period of 20 years with effect from 12.01.1993.</p> <p>Subsequent to the recommendations of the Sharma Committee Report dated 16.8.1995, Central Government Order dated 17.08.1995 and Hon'ble Supreme Court's judgment dated 23.07.1996, the State Government communicated the decision of the Central Government; reducing the Company's chromite mining lease-hold to 406 ha and demarcating the reduced lease area of 406 ha vide the State Government's memo no. III (G) SM-34/96-7746 dated 07.08.1996.</p> <p style="text-align: right;">- Annexure - II,III,IV & V</p> <p>The leasehold area of 406 ha comprises 73.697 ha of forest land and 332.303 ha of Non-Forest land. The entire forest land within the lease is 73.697 ha which had been broken prior to 25.10.1980 and the diversion of the same had already been approved by the Ministry of Environment and Forests for the 2nd lease renewal period.</p> <p>The validity period for the 2nd renewal of the Mining Lease is from</p>

	<p>12.01.1993 to 11.01.2013.</p> <p>The lease is due for its 3rd renewal for a further period of 20 years from 12.01.2013 to 11.01.2033. The Company has applied for 3rd Renewal of the Mining Lease in due time (one year before the schedule date of expiry in accordance with Rule 24A (1) of the Mineral Concession Rules, 1960) for a further period of 20 years. Dy. Director of Mines has received the same in Form-D by DDM, JK Road with RML Sl no. 364 vide his letter vide Memo No. 48, dated 04.01.2012.</p> <p>Tata Steel Limited submits that on 17.05.2014, on a joint reading of the Orders of the Hon'ble Supreme Court dated 02.05.2014 in I.A. NO. 3763 of 2014 and 16.05.2014 in Common Cause (supra), the Company voluntarily stopped mining operations in the Sukinda Chromite mine and communicated the same to the Director of Mines vide letter No SCM/MIN/327 dated 17.05.2014. The Company thereafter kept following up with the State Government to issue its Express Orders under Section 8(3) of the MMDR Act, 1957.</p> <p>On 03.11.2014, MoEF granted Stage-I Forest Clearance with one year working permission to the Company over 73.697 ha of forest land as per Hal ROR.</p> <p style="text-align: right;">- Annexure-XXIV</p> <p>That on 01.12.2014, the State Government vide order No. 9414/SM, Bhubaneswar issued Express Orders under Section 8(3) of the MMDR Act in respect of the Sukinda Chromite Mine of the Company.</p> <p style="text-align: right;">- Annexure-XXV</p> <p>That on 04.12.2014, the Company communicated its acceptance of the terms and conditions mentioned in the aforesaid Express Order dated 01.12.2014 vide letter No. TSL/ML/1331/2014 to the Joint Secretary to Government, Steel and Mines Department, Government of Odisha.</p> <p>The Company submits that it has all other statutory clearances in respect of its Sukinda Chromite Mine which are set out hereunder:</p> <ul style="list-style-type: none"> a) Environment Clearance granted on 06.09.2013 b) Consent to Operate valid up to 31.03.2016 c) Mining Plan approved on 22.05.2012 d) Stage-II Forest Clearance on 27.01.1998 & Stage-I Forest Clearance 03.11.2014 (Renewal of Forest Clearance)
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This Forest Diversion Proposal over 330.972 ha of forest land as on 25.10.1980 (as per Sabik ROR). 2nd renewal period in accordance with the Record Proceedings of the Hon'ble Supreme Court of India with respect to T. N. Godavarman Thirumulpad Versus Union of India & Ors. in I.A. NOS. 1598-1600 in writ petition (C) No. 202 of 1995 dated 17.08.2006.

- Annexure - VI

In the meantime MMDR Amendment Act' 2015 was published on 27.03.2015 with effect from 12.01.2015. Govt. of Odisha was pleased to extend the validity period of above mining lease over 406 ha under Section 8A(6) of MMDR, 1957 as amended by the MMDR Amendment Act' 2015 from 12.01.2013 to 31.03.2020 vide its letter no. 7099/SM, Dt. 30.07.2015. Subsequently the Supplementary Lease Deed was executed on 24.08.2015 and Registered on 26.08.2015.

-Annexure-XXVII & Annexure-XXVIII

In the mean time, MMDR (Amendment) Act' 2015 got published on 27.03.2015 with effect from 12.01.2015. Subsequently, MoEF&CC Govt. of India in line with changes in MMDR Amendment Act'2015 in its circular no. F No. 11-51/2015-FC, dated 01.04.2015 clarified that the "*period of validity of approvals accorded under Section-2 of FC Act shall be extended, and shall be deemed to have been extended up to a period co-terminus with the period of mining lease in accordance with the provisions of the MMDR Act, 1957 as amended.*" With the above amendment of the Act and order from Govt. of Odisha the 2nd Renewal period is now been from 12.01.1993 to 31.03.2020 extending the validity of already obtained Stage-II Forest Clearance till 31.03.2020. The Supplementary Lease Deed has been executed on 24.08.2015 for the period from 12.01.1993 to 31.03.2020.

An application has already been submitted to Collector, Jajpur for certificate under the Forest Right Act, 2006 subsequently recommendation from DFO to Collector and letter from District Welfare Officer, Sukinda for verification and conducting Gram Sabha has also been obtained.

-Annexure-XXIX

Sukinda Chromite Mine is a fully mechanized opencast mine using shovel-dumper combination with deep hole drilling and blasting.

The lease-hold area falls within the Villages Kalarangiaitta, Kaliapani, Mahulkhal and part of Forest Block No. 27 under Mahagiri DPF, in Jajpur District of Odisha State.

The topographical location of the Sukinda Chromite Mine falls in Survey of India's Topo-sheet No. F 45N/16 (earlier 73/G/16) and F

		<p>45N/12 (earlier 73/G/12) with latitude between $20^{\circ} 00' 39.60''$ N and $21^{\circ} 02' 5.81''$ N and longitude between $85^{\circ} 44'27.10''$ E and $85^{\circ} 46'22.37''$ E.</p> <p>The project is situated under Ransol Forest section in Sukinda Forest Range under Cuttack Forest Division, in the State of Odisha. The lease area comprises of a part of Forest Block No. 27 under Mahagiri DPF, Khesera/ village Forest and Non-Forest land. During the subsisting period of this lease, forest clearance is required.</p> <p>Hal Settlement was published in the year 1992-93 in which forest land is 73.697 ha and Non-forest land-332.303 ha of the 406 ha of the lease-hold. But as per Sabik ROR i.e. as on 25.10.1980 total extent of forest land is 404.669 ha out of 406 ha of the mining lease-hold. The Company has been granted Stage-II approval vide letter no. 8-78/96-FC dated 27.01.1998 and subsequently Stage-I approval for 73.697 ha vide Letter dated 03.11.2014 for the renewal period, MoEF granted Stage-I Forest Clearance with one year working permission to the Company over 73.697 ha of forest land as per Hal ROR.</p> <p>Thus in accordance with the MoEF&CC, Govt. of India circular no. 8-78/1996-FC(pt.), dated 10.03.2015, Company is now submitting forest diversion proposal over 330.972 ha. The entire area of 406 ha is broken up much prior to 25.10.1980.</p> <p>The Company has deposited NPV of Rs 5, 37, 98,810.00/- over 73.697 ha of forest land on 10.01.2013. Further, as NPV demanded by the Divisional Forest Officer, Cuttack on 20.05.2015 over 330.972 ha of Forest Land as on 25.10.1980, Company has already deposited Rs. 24, 16, 09,560/- on 20.07.2015. So, NPV over entire forest land of 404.669 ha as on 25.10.1980 involved in the instant mining lease area of 406 ha has already been paid to the CAMP fund in accordance with the MoEF&CC Circular dated 10.03.2015.</p>													
(i)	Short narrative of the proposal and project/scheme for which the forest-land is required	<p>The lease area of Sukinda Chromite Mine over 406.000 ha. Consists of the following:</p> <table> <tr> <td>Forest Block No 27 ..</td> <td>73.612 ha</td> <td rowspan="6" style="vertical-align: middle; text-align: right;">73.697 ha as per Stage-II</td> </tr> <tr> <td>K.F. ..</td> <td>0.085 ha</td> </tr> <tr> <td>K.F.(as on 25.10.1980) ..</td> <td>330.972 ha</td> </tr> <tr> <td>Total Forest land ..</td> <td>404.669 ha</td> </tr> <tr> <td>Non-forest ..</td> <td>1.331 ha</td> </tr> <tr> <td>Grand Total ..</td> <td>406.000 ha</td> </tr> </table> <p>Diversion Proposal is being submitted for 330.972 ha. of forest land as recorded on 25.10.1980.</p> <p>The lease has been obtained for mining of Chrome & Pyroxenite</p>	Forest Block No 27 ..	73.612 ha	73.697 ha as per Stage-II	K.F. ..	0.085 ha	K.F.(as on 25.10.1980) ..	330.972 ha	Total Forest land ..	404.669 ha	Non-forest ..	1.331 ha	Grand Total ..	406.000 ha
Forest Block No 27 ..	73.612 ha	73.697 ha as per Stage-II													
K.F. ..	0.085 ha														
K.F.(as on 25.10.1980) ..	330.972 ha														
Total Forest land ..	404.669 ha														
Non-forest ..	1.331 ha														
Grand Total ..	406.000 ha														

	<p>Ore. The Chrome Ore produced from this mine is supplied to the Company's Beneficiation Plant, Ferro Alloy Plants at Bamnipal and Athagarh and other industries. The chrome concentrate and Ferro Alloys produced by the company is then sold within the country as well as exported. The Pyroxenite ore produced from this mine is used as a flux at the Company's Steel Plant at Jamshedpur.</p> <p>Approval for diversion of 73.697 ha of the entire forestland within the Mining Lease of Sukinda Chromite Mine over the lease-hold area of 406 ha., was accorded vide letter No. 8-78/96-FC dated 27.01.1998 of Asstt. Inspector General of Forests, Government of India, Ministry of Environment and Forests, New Delhi. The conditions stipulated in the above approval have been duly complied and in this connection a note from the DFO, Cuttack Forest Division is enclosed. The Company also complied the conditions stipulated in the approval of Stage-I, MoEF letter dated 3.11.2014.</p> <p style="text-align: right;">-Annexure - VII& Annexure-XXVI</p> <p>NPV of Rs 5.37.98,810/- over entire broken up forest land over 73.697 ha has already been paid. Based on the MoEF&CC circular dated 10.03.2015, Tata Steel Limited has paid N.P.V. of Rs 24, 16, 09,560/- over 330.972ha of forest land (as per SABIK RoR) as on 25.10.1980 within the mining lease hold of Sukinda Chromite Mine on 20.07.2015 as per the demand raised by DFO, Cuttack vide his memo no. 4968/5F, dated 28.05.2015.</p> <p style="text-align: right;">-Annexure - XVI</p> <p>MoEF, GoI has also granted Temporary Working Permission (TWP) over the said area vide letter no. 8-78/ 1996-FC (pt), dated 06.03.2013 for one year w.e.f 12.01.2013.</p> <p>As this was a subsisting mining lease and the area of which had been progressively reduced during its 1st and 2nd renewal periods, the entire forestland of 73.697 ha as well as the entire non-forestland within the present lease of 406 ha had been broken and utilized prior to 25.10.1980. Hal Settlement was published in the year 1992-93 in which forest land is 73.697 ha and Non-forest land-332.303 ha of the 406 ha of the lease-hold. But as per Sabik ROR i.e. as on 25.10.1980 total extent of forest land is 404.669 ha out of 406 ha of the lease-hold.</p> <p>The Mining Plan and Progressive Mine Closure Plan for the period from 12.01.2013 onwards for further 20 years was approved by IBM vide letter no. 314(3) / 2011-MCCM (C) / MP- 37, dated 22.05.2012.</p> <p style="text-align: right;">-Annexure - XII</p> <p>The Company had also applied for Environmental Clearance to the</p>
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Ministry of Environment & Forests (MoEF) for undertaking this change of technology from open cast to underground mining, increased production [Chrome ore (ROM) to 2.40 MTPA, Pyroxenite (ROM) to 0.50 MTPA & Chrome concentrate production to 0.65 MTPA], increase in project area and renewal of the lease. Consequent to successful completion of Public Hearing on 14.12.2012, our case was heard by EAC, Mining on 14.03.2013 and 18.04.2013 and recommended the case to the MoEF, GoI for grant of Environmental Clearance. MoEF&CC. Govt. of India granted the Environmental Clearance vide letter No J-11015/96/2011-IA.II(M) dated 6.09.2013.

-Annexure - XIII

The mine has been granted Consent to Operate under Air and Water Acts by the State Pollution Control Board, Odisha vide Consent Order no. 7552/ IND-I-CON-226, Dt 03.05.2011, valid till 31.03.2016.

-Annexure - XI

Being a Mining Project, the same is site specific. The chrome ore occurs within the Company's lease-hold in the form of three parallel almost vertical narrow bands stretching from east to west. While two of these chrome ore bands are friable and ferruginous in nature, the southern ore band which falls within the forestland is lumpy and siliceous in nature. Each of these three ore bands have distinct chemical characteristics, and therefore the ore from all the three ore bands is required to be mined for meeting the requirements of the Company's downstream plants.

The Company has undertaken further geological exploration to systematically prove the existence of ore at greater depths up to 250m-300 m as per the exploration proposal in the already Approved Mining Plan/ Scheme of Mining. Having established the occurrence of chrome ore at greater depths, the Company has also made further investigations regarding the geo-technical properties of the ore and wall rocks with the assistance of CIMFR, Dhanbad. The Company has also undertaken geo-hydrological studies. The current opencast mining operations have already reached a depth of 85-90 m. Considering the restrictions of the lease boundaries and the maximum safe and stable slope angles, the possibility of continuing opencast mining operations is therefore limited. The Company therefore proposes to switch over to underground mining before the current opencast mining operations reaches its ultimate pit depths in order to sustain its mining operations for meeting its chrome ore requirements.

The Company has already completed its Feasibility Study on underground mining by engaging mining experts from CIMFR, Nagpur and SRK, South Africa.

		<p>The current production level from this mine is around 0.4 million tonnes/ annum of chrome concentrate, 0.50 million tonnes/ annum of chrome ore and 0.225 million tonnes/ annum of pyroxenite. Keeping in view the future growth plans of the Company, the opencast and underground mine is proposed to be designed for a ROM production capacity of 2.4 million tonnes/ annum of chrome ore, 0.50 million tonnes/ annum of pyroxenite (ROM) and 0.65 million tonnes/ annum of chrome concentrate. Since it shall take considerable time for development of the underground mine for it to reach the above mentioned steady state production level, the production during the intervening period shall be met from both opencast and underground operations during the mining lease period.</p> <p>The Site Specific Wildlife Conservation Plan submitted by the Company and the same has been approved by PCCF (WL&CWLW) vide memo no. 4895/1 WL-SSP-92/2015, dated 10.06.2015.</p>
ii)	Map showing the required forest-land, boundary of adjoining forest on a 1:50,000- scale map	: Location Plan bearing Drg. No. FAMD/L&L/SCM/A/01/2010, dated 15.12.2010 showing the details marked as Plate No-I
iii)	Cost of project	: Total cost of the future project is Rs. 910.0 Crores.
3.	Purpose-wise break-up of the total land required (already broken & to be broken). Details given below and indicated in the Land Use Plan bearing Drawing No. FAMD/L&L/SCM/A/03/2015 Dated 15.04.2015, FAMD/L&L/SCM/B/03/2015 Dated 15.04.2015 & FAMD/L&L/SCM/C/03/2015 Dated 15.04.2015 marked as Plate-III .	
	<p>The State Government vide letter no.'s III (G) SM-34/96-7747 Bhubaneswar, dt.07.08.1996 and 22012/ DMG, dated 21.08.1996 has demarcated the reduced lease over 406 ha during its 2nd renewal, in pursuance of the Central Govt. Order no. 5(22)/95 MIV dated 17.08.1995 and orders of Hon'ble Supreme dated 23.07.1996. The requirement of land and land use pattern has been determined by the Central Government as mentioned in its order (Ref.: page no. 6 of the order no. 5(22)/95 MIV dated 17.08.1995). -Annexure - II, III & IV</p> <p>In line with the above, the land use pattern of the entire lease area of 406 ha which has already been fully utilized and diverted, with its break-up within Forest and non-forestland is given in the tables below.</p> <p>Accordingly, a safety zone of 15 ha has been kept within the adjoining forestland and outside our mining lease-hold area of 406 ha, as approved during the previous diversion of the entire forestland of 73.697 ha within the mining lease vide MoEF letter No. 8-78/96-FC dated 27.01.1998 marked as Plate-III.</p>	

A) Forest & Non Forest Land already Broken Prior to 25.10.1980

Sl. No.	Pattern of Utilization	(As per HAL RoR) Stage-I Approved				Area applied for diversion, forest land as on 25.10.1980 (As per SABIK RoR)			Area in Hect.		Remarks
		Forest Block No.27	K.F.	Total Forest	K.F.	N.F.Land	Total Forest Land	Grand Total	Total Forest land in the lease		
A	Mining	46.062	0	46.062	153.708	0	153.708	199.77	199.77		
B	Storing of Mineral/Ore (Stack yard)	0.41	0	0.41	36.67	0	36.67	37.08	37.08		
C	Dumping of OB * Waste Disposal, Feed Dump & Tailing Pond)	15.29	0	15.29	37.835	0.295	37.835	53.42	53.125	* OB Dump 37.47ha & Tailing Pond 5.85ha. Total 53.420ha.	
D	Storing of Tools & Machineries (Store & Workshop)	0	0	0	2.79	0	2.79	2.79	2.79		
E	Construction of Building, Power Station(COB Plant & ETP)	0	0	0	18.7	0	18.7	18.7	18.7		
F	Township/Housing Colony (Camp area)	0	0.085	0.085	35.233	0.862	35.233	36.18	35.318		
G	Construction of Road, Ropeway, Rly. Line etc.	7.19	0	7.19	11.819	0.041	11.819	19.05	19.009		
H	Magazine	0.48	0	0.48	0	0	0	0.48	0.48		
I	Green Belt	4.18	0	4.18	34.217	0.133	34.217	38.53	38.397		
	Grand Total	73.612	0.085	73.697	330.972	1.331	330.972	406	404.669		

(B) Proposed Type of Land Use up to 31.03.2020 details shown in Plate-III(B)

Sl. No.	Pattern of Utilization	(As per HAL RoR) Stage-I Approved				Area applied for diversion, forest land as on 25.10.1980 (As per SABIK RoR)				Area in Hect.		Remarks
		Forest Block No.27	K.F.	Total Forest	K.F.	N.F.I.Land	Total Forest Land	Grand Total	Total Forest land in the lease			
A	Mining	0	0	0	175.49	0	175.49	175.49	175.49	175.49		
B	Storing of Mineral/Ore (Stack yard)	0.41	0	0.41	32.45	0	32.45	32.86	32.86			
C	Dumping of OB* Waste Disposal, Feed Dump & Tailing Pond)	61.352	0	61.352	27.621	0.287	27.621	89.26	88.973			
D	Storing of Tools & Machineries (Store & Workshop)	0	0	0	4.29	0	4.29	4.29	4.29	4.29		
E	Construction of Building, Power Station(COB Plant & ETP)	0	0	0	18.7	0	18.7	18.7	18.7	18.7		
F	Township/Housing Colony (Camp area)	0	0.085	0.085	35.233	0.862	35.233	36.18	35.318			
G	Construction of Road, Ropeway, Rly. Line etc.	7.19	0	7.19	11.819	0.041	11.819	19.05	19.009			
H	Magazine	0.48	0	0.48	0		0	0	0.48	0.48		
I	Green Belt	4.18	0	4.18	25.369	0.141	25.369	29.69	29.549			
	Grand Total	73.612	0.085	73.697	330.972	1.331	330.972	406	404.669			

(C) Proposed Type of Land Use at End of life details shown in Plate-III(C) as per approved Mining Plan

Sl. No.	Pattern of Utilization	Area in Hect.						Total Forest land in the lease	Remarks
		(As per HAL RoR) Stage-I Approved		Area applied for diversion, forest land as on 25.10.1980 (As per SABIK RoR)		Grand Total			
Forest Block No.27	K.F.	Total Forest	K.F	N.F.Land	Total Forest Land				
A Mining	0	0	0	0	0	0	0	0	
B Storing of Mineral/Ore (Stack yard)	0.41	0	0.41	29.3	0	29.3	29.71	29.71	
C Dumping of OB * Waste Disposal, Feed Dump & Tailing Pond)	15.29	0	15.29	29.973	0.287	29.973	45.55	45.263	
D Storing of Tools & Machineries (Store & Workshop)	0	0	0	7.44	0	7.44	7.44	7.44	
E Construction of Building, Power Station(COB Plant & ETP)	0	0	0	18.7	0	18.7	18.7	18.7	
F Township/Housing Colony (Camp area)	0	0.085	0.085	35.233	0.862	35.233	36.18	35.318	
G Construction of Road, Ropeway, Rly. Line etc.	7.19	0	7.19	11.819	0.041	11.819	19.05	19.009	
H Magazine	0.48	0	0.48	0	0	0	0.48	0.48	
I Green Belt	50.242	0	50.242	198.507	0.141	198.507	248.89	248.749	
Grand Total	73.612	0.085	73.697	330.972	1.331	330.972	406	404.669	

(D) Safety Zone Area

	Area in hectares					
	Forest Block No 27	K.F.	Total Forest	N.F. Land	G. Total	Remarks
Plan Showing Safety Zone area Plate No IV and Drawing No FAMD/L&L/SCM/A/04/2015 Dated 15.04.2015 is enclosed with FDP	15.000	--	15.000	--	15.000	Outside the ML area
	1.408	7.584	8.992	--	8.992	Inside the ML area along the boundary

(E) Forest & N.F. area to be broken: NIL

(F) Total Land required in this proposal

Stage-II approval already obtained	K.F.	Total Forest	N.F. Land	G. Total	Remarks
73.697 ha	330.972 ha	330.972 ha	1.331 ha	406.000 ha	

3	Details of displacement of people due to the project, if any=	Nil
(i)	Number of families.	Not Applicable
(ii)	Number of Scheduled Castes/Scheduled Tribe families.	Not Applicable
(iii)	Rehabilitation plan. (to be enclosed)	Not Applicable
4	Whether clearance under Environment (Protection) Act, 1986 required? (Yes/No).	Yes. Copy of the Environment Clearance enclosed as Annexure-XIII
5	Undertaking to bear the cost of raising and maintenance of compensatory afforestation and/or penal compensatory afforestation as well as cost for protection and regeneration of Safety Zone, etc. as per the scheme prepared by the State Government (undertaking to be enclosed).	Not applicable as the entire area is broken up prior to 25.10.1980

6. Details of Certificates/ documents enclosed as required under the instructions:

Description of Documents	Annexure
PART-I (Form- A) for seeking prior approval under section 2 of Forest (Conservation) Act, 1980	ANNEXURE-A
PART-II of Form- A	
PART- III of Form- A	
PART- III A of Form- A	
PART- IV of Form- A	
PART- V of Form- A	
Check-list	ANNEXURE-B & ANNEXURE-B1
Justification for use of forest land over 330.972 ha at Sukinda Chromite Mine.	ANNEXURE-C
Approval for diversion of 73.697 ha of forestland - letter No. 8-78/96-FC dated 27.01.1998 of AIG of Forests, MoEF, Government of India.	ANNEXURE - I
Copy of Central Govt. Order no. 5(22)/95 MIV dated 17.08.1995 for grant of 2 nd renewal of the ML under section 8(3) of the MMDR Act, 1957 and Rule 27(3) of the MC Rules, 1960	ANNEXURE - II
Copy of State Government letter no. III (G) SM-34/96-7747 Bhubaneswar, dt.07.08.1996 in pursuance of Central Govt. Order no. 5(22)/95 MIV dated 17.08.1995 for grant and demarcation of the reduced lease area of 406 ha for its 2 nd renewal	ANNEXURE - III
Copy of Director of Mining & Geology, Orissa letter no. 22012/DMG, dated 21.08.1996 in pursuance of State Govt. letter no. III (G) SM-34/96-7747 Bhubaneswar, dt.07.08.1996, Central Govt. Order no. 5(22)/95 MIV dated 17.08.1995 and orders of Hon'ble Supreme dated 23.07.1996; for grant and demarcation of the reduced lease area of 406 ha for its 2 nd renewal	ANNEXURE - IV
Copy of Mining Lease Deed over 406 ha executed on 18.05.1998 for a period of 20 years w.e.f. 12.01.1993	ANNEXURE - V
Copy of Record Proceedings of Hon'ble Supreme Court of India in I.A. Nos. 1598-1600 in writ petition (C) No. 202 of 1995 dated 17.08.2006.	ANNEXURE - VI
Present status of compliance conditions imposed by GOI, MoEF in their Stage-II vide letter dated 27.01.1998.	ANNEXURE - VII
Cost Benefit Analysis	ANNEXURE - VIII
Undertakings	ANNEXURE - IX
Phased reclamation and Afforestation Scheme and Programme and Biological reclamation Plan along with present status.	ANNEXURE - X
Copy of Consent obtained from SPCB, Orissa	ANNEXURE - XI

Copy of Mining Plan approved by IBM vide letter No. 314(3) / 2011-MCCM (CZ) / MP- 37, dated 22.05.2012 including Progressive Mine Closure Plan	ANNEXURE - XII
Copy of Environmental Clearances	ANNEXURE - XIII
Land Schedule of total Forest and Non-Forest land within ML area of Sukinda Chromite Mine duly authenticated by Tahasildar, Sukinda as on 25.10.1980. (Sabik ROR)	ANNEXURE - XIV
Land Schedule of Surface Right Area	ANNEXURE - XV
NPV of Rs 5.37.98,810/- over entire broken up forest land over 73.697 ha has already been paid. Based on the MoEF&CC circular dated 10.03.2015, Tata Steel Limited has also paid N.P.V. of Rs 24, 16, 09,560/- over 330.972ha of forest land (as per SABIK RoR) as on 25.10.1980 within the mining lease hold of Sukinda Chromite Mine on 20.07.2015 as per the demand raised by DFO, Cuttack vide his memo no. 4968/5F, dated 28.05.2015.	ANNEXURE - XVI
Copy of Aam Sabha Resolution	ANNEXURE- XVII(A) AND ANNEXURE- XVII(B)
Land use pattern-existing and future requirement	ANNEXURE - XVIII
Certificate from the Collector Jajpur under Forest Right Act,2006 of the project area	ANNEXURE - XIX
The land schedule of the forest area and for the whole lease area of 406 ha with latitude and longitude as per report of ORSAC.	ANNEXURE - XX
Copy of Power of Attorney.	ANNEXURE - XXI
Memorandum of Association & Article of Association and Certificate of Registration of the Company	ANNEXURE - XXII
Brief Profile of the Lessee	ANNEXURE - XXIII
Stage-I approval of GOI vide letter No F. No 8-78/1996-FC (pt.-I), dated 3.11.2014 over 73.697 ha.	ANNEXURE - XXIV
Express Order issued by Govt. of Odisha vide Letter No. III(CR)SM-22/2013 - 9414/SM dated 1.12.2014	ANNEXURE - XXV
Compliance of Stage-I submitted vide letter No SCM/L&L/182/15 dated 11.03.2015	ANNEXURE - XXVI
Order for Supplementary Lease Deed issued by Govt. of Odisha, Steel & Mines department vide its letter no. 7099/SM, Dt. 30.07.2015	ANNEXURE - XXVII
Copy of Executed and Registered Supplementary Lease Deed	ANNEXURE - XXVIII
Copy of application to the Collector, Jajpur for Certificate under the Forest Right Act, 2006, Recommendation from DFO to Collector, Letter from District Welfare Officer to Block Development Officer, Sukinda for verification and conducting Gram Sabha.	ANNEXURE - XXIX

DRAWING PLATES

PLATE NO.	SUBJECT	DRAWING NO. & DATE
I	Location Plan showing Mining Lease Area over 406 ha. in respect of Sukinda Chromite Mine in Jajpur Dist. Depicted in Topo Sheet No. F45N/12,F45N/16,F45T/9 & F45T/13 (Scale -1:50,000)showing adjoining leases duly authenticated by the Deputy Director of Mines, Jajpur Road.	FAMD/L&L/SCM/A/01/2015 Dated 15.12.2010
II	Plan Showing Mining Lease area of 406 ha. in respect of Sukinda Chromite Mine (Scale 16" = 1 Mile Or 1:3960) duly authenticated by Tahasildar, Sukinda. DGPS/ETS map of ML area and Forest boundary prepared by the ORSAC	FAMD/L&L/SCM/A/02/2015 Dated 15.04.2015
III	Land Use Plan for forest and non-forest area already approved (Scale 16" = 1 Mile Or 1:3960) Proposed Type of Land Use for the first five years i.e. up to 31.03.2018 (Scale 16" = 1 Mile Or 1:3960) Proposed Type of Land Use for the End of life i.e. up to 11.01.2033 (Scale 16" = 1 Mile Or 1:3960)	FAMD/L&L/SCM/A/03/2015 Dated 15.04.2015 FAMD/L&L/SCM/B/03/2015 Dated 15.04.2015 FAMD/L&L/SCM/C/03/2015 Dated 15.04.2015
IV	Plan showing Safety Zone area of Sukinda Chromite Mine (Scale 16" = 1 Mile Or 1:3960)	FAMD/L&L/SCM/A/04/2015 Dated 15.04.2015
V	Surface Geological Plan of Sukinda Chromite Mine (Scale 1:4000)	FAMD/L&L/SCM/A/05/2015 Dated 15.04.2015
VI	Plan showing Phase Reclamation and Afforestation of Sukinda Chromite Mine (Scale 16" = 1 Mile Or 1:4000)	FAMD/L&L/SCM/A/06/2015 Dated 15.04.2015
VII	Sketch Map showing the method of Reclamation, Top Soil, and Waste Dump Management	FAMD/L&L/SCM/A/07/2015 Dated 15.04.2015

Date:- _____

Place:- _____

Signature

(Name in Block letters)

For TATA STEEL LTD.
By their Constituted Attorney

Address (of User Agency)

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

State serial No. of proposal _____

(To be filled up by the Nodal Officer with date of receipt)

PART-II
(To be filled by the concerned Deputy Conservator of Forests)

State serial No. of proposal _____

7. Location of the project/Scheme:
 - (i) State/Union Territory
 - (ii) District.
 - (iii) Forest Division
 - (iv) Area of forest land proposed for diversion (in ha.)
 - (v) Legal status of forest
 - (vi) Density of vegetation.
 - (vii) Species-wise (scientific names) and diameter class-wise enumeration of trees (to be enclosed. In case of irrigation / hydel projects enumeration at FRL, FRL-2 meter & FRL-4 meter also to be enclosed.)
 - (viii) Brief note on vulnerability of the forest area to erosion.
 - (ix) Approximate distance of proposed site for diversion from boundary of forest.
 - (x) Whether forms part of National Park, wildlife sanctuary, biosphere reserve, tiger reserve, elephant corridor, etc. (If so, the details of the area and comments of the Chief Wildlife Warden to be annexed).
 - (xi) Whether any rare/endangered/unique species of flora and fauna found in the area- if so details thereof.
 - (xii) Whether any protected archaeological/heritage site/defence establishment or any other important monument is located in the area. If so, the details thereof with NOC from competent authority, if required.
8. Whether the requirement of forest land as proposed by the user agency in col. 2 of Part-I is unavoidable and barest minimum for the project. If no, recommended area item-wise with details of alternatives examined.
9. Whether any work in violation of the Act has been carried out (Yes/No). If yes, details of the same including period of work done, action taken on erring officials. Whether work in violation is still in progress.
10. Details of compensatory afforestation scheme:
 - (i) Details of non-forest area/degraded forest area identified for compensatory afforestation, its distance from adjoining forest, number of patches, size of each patch.
 - (ii) Map showing non-forest/degraded forest area identified for compensatory afforestation and adjoining forest boundaries.
 - (iii) Detailed compensatory afforestation scheme including species to be planted, implementing agency, time schedule, cost structure, etc.
 - (iv) Total financial outlay for compensatory afforestation scheme.
 - (v) Certificates from competent authority regarding suitability of area identified for compensatory afforestation and from management point of view. (To be signed by the concerned Deputy Conservator of Forests).

11. Site inspection report of the DCF (to be enclosed) especially highlighting facts asked in col. 7 (xi, xii), 8 and 9 above.
12. Division/District profile:
 - (i) Geographical area of the district.
 - (ii) Forest area of the district.
 - (iii) Total forest area diverted since 1980 with number of cases.
 - (iv) Total compensatory afforestation stipulated in the district/division since 1980 on
 - (a) forest land including penal compensatory afforestation,
 - (b) Non-forest land.
 - (v) Progress of compensatory afforestation as on (date) _____ on
 - (a) Forest land
 - (b) Non-forest land.
13. Specific recommendations of the DCF for acceptance or otherwise of the proposal with reasons.

Signature

Name
Official Seal

Date:-_____

Place:-_____

PART-III

(To be filled by the concerned Conservator of Forests)

14. Whether site, where the forest land involved is located has been inspected by concerned Conservator of Forests (Yes/No). If yes, the date of inspection & observations made in form of inspection note to be enclosed.
15. Whether the concerned Conservator of Forests agree with the information given in Part-B and the recommendations of Deputy Conservator of Forests.
16. Specific recommendation of concerned Conservator of Forests for acceptance or otherwise of the proposal with detailed reasons.

Signature

Name
Official Seal

Date:-_____

Place:-_____

PART-III A

(To be filled by the concerned Regional Conservator of Forests)

17. Whether site, where the forest land involved is located has been inspected by concerned Conservator of Forests (Yes/No). If yes, the date of inspection & observations made in form of inspection note to be enclosed.
18. Whether the concerned Conservator of Forests agree with the information given in Part-B and the recommendations of Deputy Conservator of Forests.
19. Specific recommendation of concerned Conservator of Forests for acceptance or otherwise of the proposal with detailed reasons.

Signature
Name
Official Seal

Date:- _____
Place:- _____

PART-IV

**(To be filled in by the Nodal Officer or Principal Chief Conservator of Forests or
Head of Forest department)**

20. Detailed opinion and specific recommendation of the State Forest Department for acceptance of otherwise of the proposal with remarks.

(While giving opinion, the adverse comments made by concerned Conservator of Forests or Deputy Conservator of Forests should be categorically reviewed and critically commented upon).

Signature
Name & Designation
(Official Seal)

Date:- _____
Place:- _____

PART- V

(To be filled in by the Secretary in charge of Forest Department or by any other authorized officer of the State Government not below the rank of an Under Secretary)

21. Recommendation of the State Government:

(Adverse comments made by any officer or authority in Part-B or Part-C or Part-D above should be specifically commented upon)

Signature
Name & Designation
(Official Seal)

Date:- _____
Place:- _____

INSTRUCTIONS (for Part-I):-

1. The project authorities may annex a copy of the approved project/plan in addition to filling Col. 1 (i) e.g. IBM approved mining plan for major minerals/CMPDI plan with subsidence analysis reports, etc.
2. Map has to be in original duly authenticated jointly by project authorities and concerned DCF – Col. 1 (ii).
3. Complete details of alternative alignments examined especially in case of project like roads, transmission lines, railway lines, canals, etc. to be shown on map with details of area of forest land involved in each alternative to be given - Col. 1 (iii).
4. For proposals relating to mining, certificate from competent authority like District Mining Officer about non-availability of the same mineral in surrounding/nearby non-forest areas.
5. In case the same company/individual has taken forest land for similar project in the State, a brief detail of all such approvals/leases be given as an enclosure along with current status of the projects.
6. The latest clarifications issued by the Ministry under Forest (Conservation) Act, 1980 may be kept in mind. In case such information do not fit in the given columns, the same shall be annexed separately.

GENERAL INSTRUCTIONS:-

1. On receipt of proposal, Nodal Officer shall issue a receipt to the user agency indicating there in the name of the proposal, user agency, area in hectare, serial number and date of receipt.
2. If the space provided above is not sufficient to specify any information, please attach separate details/documents.
3. While forwarding the proposal to the Central Government, complete details on all aspects of the case as per Form prescribed above read with the clarifications issued by the Ministry of Environment and Forests, Government of India, New Delhi should be given. Incomplete or deficient proposals shall not be considered and shall be returned to the State Government in original.
4. The State Government shall submit the proposal to the Central Government within stipulated time limits. In case of delay while forwarding, the reasons for the same to be given in the forwarding/covering letter.