



स्टील अथॉरिटी ऑफ इण्डिया लिमिटेड
STEEL AUTHORITY OF INDIA LIMITED
रॉ मटेरियल्स डिवीज़न
RAW MATERIALS DIVISION
बोलानी अयस्क खदान
BOLANI ORES MINES

Ref No : GM/BOM - 42/1304

Dt. : 13.04.2017

To

The Divisional Forest Officer,
Keonjhar .

Sub: Proposal for Diversion of balance 87.09 hectares of Sabik Kissam forest land as on 25.10.1980 in addition to already diverted forest land of 1225.78 ha, for iron ore mining in their Bolani Ores Mines of 1321.45 ha. (5.10 sq. miles lease) in Keonjhar District, Odisha by M/S Steel Authority of India Ltd.(SAIL)

Ref: Your Letter No- F. No-8-17/2016-FC Dated. 12.01.2017 of MoEF GOI

Sir,

In reference with the subject cited above please find herewith, the point wise reply of afore-referenced letter:

Observation-1 :

After analysis the identified CA scheme through DSS, it is found that 22.0 ha land of Gudiali RF falls in MDF. Moreover the patches of Laing RF (31.336ha) and Pathuria RF (18.664) shows dense vegetation in Google Earth Imagery and would not be suitable for Plantation and accordingly this identified CA need to be modified. The complete revise CA Scheme and suitability certificate along with shape file may be furnished for consideration.

The part of Gurhiali RF falling in MDF category and the complete patches of Liang RF and Pathuria RF showing dense vegetation in Google Earth Imagery have been excluded. Suitable portion of Gurhiali RF(70.72 ha) has been retained and alternately suitable degraded forest land of balanced required area (i.e 99.0 ha) identified in Chhatam RF(Hathidharsa Block) has been allotted in Rajgangpur Forest Range of Rourkela forest Division .

The complete scheme has been revised and the suitability certificate is enclosed in the scheme. The present revised Site-specific Compensatory Afforestation scheme has been prepared for an amount of Rs 2,34,44,852.00. The scheme has been forwarded by RCCF Rourkela to Additional PCCF, (Forest Diversion and Nodal Officer, FC Act) Bhubaneswar vide his memo no 855 dt 28.03.2017. Copy of the same along with suitability certificate is attached herewith in **Annexure-I** .

Observation-2 :

The detailed land use plan with map depicting Broken up land, Virgin land in the mining lease area, OB dump area, Ore stack yard, Linear feature such as road etc., Area or plant machinery etc. Area under colony/buildings etc. and area other special features is not given.

The detailed colour coded land use plan with map depicting broken up land, Virgin land in the mining lease area, OB Dump area, Ore stack yard, Linear feature such as roads etc. area for plant machinery etc. area under colony/buildings etc. is enclosed herewith as **Annexure-II**.

Observation-3 :

The complete compliance on Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 in accordance with the Ministry's guidelines 03.08.2009 read with 05.07.2013 may be furnished

The compliance on Scheduled Tribes and Other Traditional Forest Dwellers (Recognition of Forest Rights) Act, 2006 is as follows :


1. Gramsabha of concerned villages has been completed .
2. The Forest Right Committee(FRC) of Bolani and Balagoda Village have submitted their resolution in favour of the proposal .
3. The Block Development Officer of Joda has forwarded the details to Tahasildar Barbil . The copy of forwarding letter of BDO Joda in this regard is attached in **Annexure – III** .
4. The certificate furnished by the Collector, Keonjhar in accordance with the guideline F. No-11-179/2012-FC dated. 20.12.2013 in respect of the aforesaid Diversion proposal is enclosed herewith as **Annexure-IV** .

The necessary field enquiry in this regard has also been completed and the same is under process for SDLC .

In view of the above, we request you to kindly close the EDS and forward our compliance to concerned authority for grant of Stage-I and Stage-II FC for the 87.09 hectares of Sabik Kissam forest land as on 25.10.1980 within 5.10 sq miles ML .

Thanking You,

Yours faithfully,


13/04/2017
General Manager (Mines)
Bolani Ores Mines

Encls : As above

Received
13/4/17



OFFICE OF THE REGIONAL CHIEF CONSERVATOR OF FORESTS, ROURKELA
CIRCLE, AT/P.O. PANPOSH, ROURKELA-769 004.
Ph. No. 0661-2664324, FAX-0661-2664325,
Email : rccfourkela@gmail.com

Memo No. 855 /3F(Dis-K)-162/2017.
Dated, Rourkela the, 28 March, 2017.

To

The Additional Principal Chief Conservator of Forests
(Forest Diversion & Nodal Officer, FC Act),
O/o the Principal Chief Conservator of Forests,
Odisha, Bhubaneswar.

Sub: Proposal for diversion of balance 87.09 ha. of Sabik Kisan Forest Land as on 25.10.1980 in addition to already diverted forest land of 1225.78 ha for iron ore mining in their Bolani Ores Mines of 1331.45 ha (5.10 sq miles ML) in Keonjhar district, Odisha by M/s Steel Authority of India Limited (SAIL)
(Proposal No. FP/ORJMIN/17935/2016, State Sl. No. OR-013/2016)

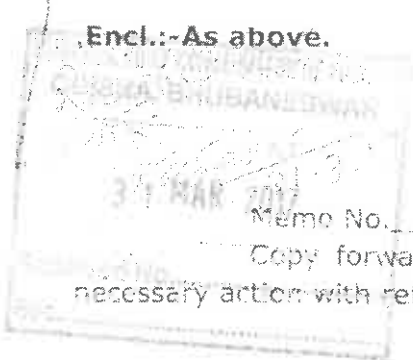
X-Sub: Allotment of degraded forest land over 169.72 ha. in lieu of land not accepted by MoEF GoI for raising Compensatory Afforestation in favour of M/s SAIL

Ref: 1) Memo No.1587 Dtd.21.01.2017 of the Special Secretary to Govt of Odisha, F&E Deptt. Bhubaneswar
2) Your Memo No. 2928 Dtd.13.02.2017.
3) Memo No 1317 Dtd.22.2.2017 of the DFO, Keonjhar Division
4) Memo No.1713 Dtd.21.3.2017 of the DFO, Rourkela Division

The Divisional Forest Officer, Rourkela Division vide his Memo No.1711 Dtd.21.3.2017 with copy to you, in the subsequent Memo No.1713 Dtd.21.3.2017 has reported that the map & scheme for Compensatory Afforestation over 169.72 ha. of degraded forest land identified in Laing RF and Gudiali RF has been revised to comply the objections raised by MoEF&CC, GoI vide their Letter No.F.No.S-17/2016-FC Dtd.12.1.2017 and accordingly suitable degraded forest was identified in Gudiali RF-70.72 ha. & Chhatam RF-99.00 ha. in Rajgangpur Range of Rourkela Division for raising Compensatory Afforestation in ANR with gap mode for the above proposal. Thus, he has submitted the revised Site Specific Compensatory Afforestation Scheme prepared with a total financial outlay of Rs.2,34,44,852/-(Rupees two crore thirty-four lakh forty-four thousand eight hundred fifty-two) only out of which Rs.2,14,44,852/-(Rupees two crore fourteen lakh forty-four thousand eight hundred fifty-two) only shall be deposited by the User Agency and the four wheeler vehicle within a cost of Rs.20.00 lakh will be provided by the User Agency for monitoring of the plantation.

As such, the above revised Compensatory Afforestation Scheme alongwith map (Hard & Soft copies) is forwarded herewith in quadruplicate for kind approval at your end.

Encl.: -As above.



Regional Chief Conservator of Forests,
Rourkela Circle, Rourkela.

Memo No. _____ / 3F(Dis-K)-162/2017. Dated.

Copy forwarded to the DFO, Rourkela Division for information and necessary action with reference to his Memo No.1711 dtd.21.03.2017.

Regional Chief Conservator of Forests,
Rourkela Circle, Rourkela.

Memo No. _____ / 3F(Dis-K)-162/2017. Dated.

Copy forwarded to the DFO, Keonjhar Division for information and necessary action with reference Memo No.1712 dtd.21.03.2017 of the DFO, Rourkela Division.

Regional Chief Conservator of Forests,
Rourkela Circle, Rourkela.

LAND SUITABILITY CERTIFICATE

This is to certify that the 169.72 Ha degraded forest land (70.72 Ha in Gurhiali Reserved Forest (located near San-Gurhiali, Luhuraberni and Jurajam on SOI Toposheet F45G/8, 6/12) and 99.0 Ha Chhatam Reserved Forest (Hathidharsa Block) on SOI Toposheet F45G/12) in Rajgangpur Forest Range under Rourkela Forest Division identified for Compensatory Afforestation is suitable for plantation under ANR with gap model @ 200 seedling per ha.

Place : Rourkela

Date :

21/03/17


Range Officer
Rajgangpur Forest Range


Divisional Forest Officer
Rourkela Forest Division

Office Seal

**OFFICE OF THE PANCHAYAT SAMITI, JODA
KEONJHAR, ODISHA-758038**

E-mail:- ori-joda@nic.in
Mob- 8280405210

No. 337

Date. 30.01.2017

To,

The Tahasiladar and Nodal Officer (F.R), Barbil

Sub :

Issue of certificate ensuring compliance of ST's & OTFD (RFR) Act 2006 & Amendment Rules 2012 in respect of Diversion of Hac 87.09 of Sabik Kisam Forest land within 5.10 sq miles ML for non forest use by the User Agency Bolani Ores Mines/s SAIL -Submission of Gramsabha proceedings regarding.

Ref: -

Memo No. 1318 Dtd, 04.05.2016 of P.A, ITDA, Keonjhar.
This office Memo No. 4344 Dtd 27.06.2016.

Sir,

As per the instructions of the P. A, ITDA, cum Nodal Officer, (F.R) Keonjhar & this office letter on the subject cited above, I am to inform that the Gramsabha for Diversion of Hac 87.09 ha Sabik kisam forest land within 5.10 sq miles ML of user agency Bolani Ores Mines, M/s SAIL for non forest use have been conducted by the Sarpanch, Bolani and Balagoda G.P in Bolani and Balagoda Village on 04.11.2016 at 11.00 A.M. and on 09.12.2016 at 10.00 AM respectively. The proceeding copies of the Gramsabha along with the notice of holding the Gramsabha, issued on Dtd 18.10.2016 for Bolani Village and 03.12.2016 for Balagoda Village, English translation of Gramsabha resolution, Media report, Video C.D, Still Photo copy of the map of the diversion proposal of the above lease of M/s. SAIL, resolution copy of the F.R.C etc are enclosed herewith in duplicate for favour of your kind information and onward transmission of the same to SDLC, Champua in Format II.

Enclosed: as above

1. Gramsabha proceeding of Bolani and Balagoda village duly attested by the Sarpanch Bolani and Balagoda G.P.
2. Photocopy of Voter list
3. Other documents such as previous awareness.

This is for your kind information and further necessary action.

Yours faithfully

[Signature]
Block Development Officer, Joda

Block Development Officer,
Joda, Dist - Keonjar

[Signature]
Block Development Officer, Joda

Memo No.

Date.

Copy submitted to the PA, ITDA cum Dist Nodal Officer (F.R) Keonjhar for favour of kind information.

[Signature]
Block Development Officer, Joda

TO WHOM IT MAY CONCERN

Sub: Settlement of rights under FRA in respect of Sabik forest land covering 87.09 ha. under 5.1 Sq. Miles Mining Lease under Bolani Ores Mines, SAIL

It is to Inform that the process for settlement of rights under the Scheduled Tribes and other Traditional Forest Dwellers (Recognition of Forest Rights Act), 2006 in respect of Sabik forest land covering 87.09 ha. under 5.1 Sq.miles Mining Lease under Bolani Ores Mines has been initiated and letter in this regard has already been issued to Project Administrator, ITDA-cum-District Nodal Officer, Forest Right, Keonjhar vide letter No.780/Rev.dated.12.04.2016.(Copy of the said letter is enclosed)


It is certified that the Project Proponent has assured that the entire process of settlement of rights under FRA, 2006 in respect of the said forest land under 5.1 Sq. Miles Mining Lease, Bolani Ores Mines will be completed before final approval by the Central Government under Forest (Conservation) Act,1980.


Collector, Keonjhar

OFFICE OF THE COLLECTOR & DISTRICT MAGISTRATE; KEONJHAR

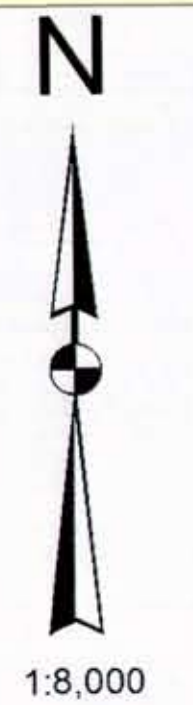
Memo No 2475 /Rev. Dt. 28.11.2016

Copy forwarded to General Manager(Mines), SAIL RMD, Bolani Ore Mines, PO-Bolani, Dist-Keonjhar, Pin-758037 for information and necessary action.


28.11.16
Addl. District Magistrate
Keonjhar

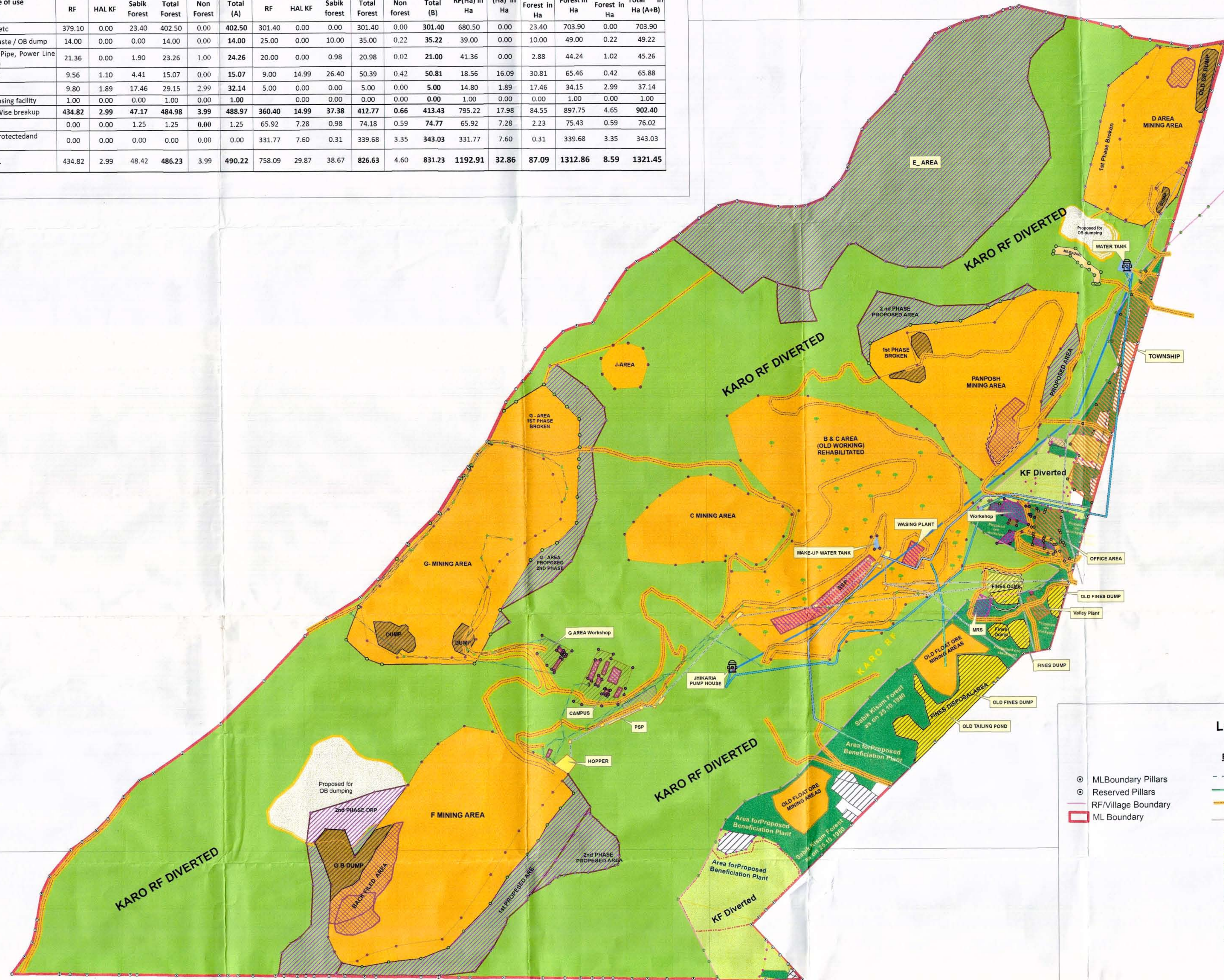
Pillar No.	Easting	Northing	Longitude	Latitude
BP-0	327631.386	2444959.657	85°19'44.69952"	22°06'03.84444"
BP-1	327508.169	2444932.011	85°19'40.41084"	22°06'02.80196"
BP-2	326201.609	2443629.861	85°18'55.33236"	22°05'20.10084"
BP-3	326443.626	2443367.506	85°19'03.87588"	22°05'11.65846"
BP-4	322686.833	2443409.782	85°16'52.81320"	22°05'11.66964"
BP-4/1	322746.812	2443493.650	85°16'54.87240"	22°05'14.41788"
BP-4/2	322780.953	2443559.834	85°16'56.03736"	22°05'16.58220"
BP-4/3	322795.824	2443619.782	85°16'56.53336"	22°05'18.53664"
BP-4/4	322804.160	2443669.227	85°16'56.80380"	22°05'20.14692"
BP-4/5	322825.562	2443794.837	85°16'57.50112"	22°05'24.23832"
BP-4/6	322845.102	2443840.251	85°16'58.16496"	22°05'26.72188"
BP-4/7	322881.420	2443902.579	85°16'59.40732"	22°05'27.76128"
BP-4/8	322945.633	2443983.604	85°17'01.61520"	22°05'30.41916"
BP-4/9	322964.517	2444006.000	85°17'02.26536"	22°05'31.15392"
BP-4/10	323018.951	2444047.094	85°17'04.14780"	22°05'32.51044"
BP-4/11	323089.595	2444101.894	85°17'06.59076"	22°05'34.31724"
BP-4/12	323142.658	2444158.017	85°17'08.41956"	22°05'36.16116"
BP-4/13	323216.973	2444262.236	85°17'10.97124"	22°05'39.57648"
BP-4/14	323292.597	2444341.491	85°17'13.57800"	22°05'42.70172"
BP-4/15	323358.597	2444378.199	85°17'15.98724"	22°05'43.30096"
BP-4/16	323495.458	2444474.087	85°17'20.60268"	22°05'46.56552"
BP-4/17	324087.815	2445033.916	85°17'41.04816"	22°06'04.98132"
BP-4/18	324191.670	2445119.791	85°17'44.63772"	22°06'07.81092"
BP-4/19	324350.737	2445221.588	85°17'50.14752"	22°06'11.17800"
BP-4/20	324435.688	2445309.311	85°17'53.07684"	22°06'14.06088"
BP-4/21	324581.372	2445469.325	85°17'58.09704"	22°06'19.31580"
BP-4/22	324838.858	2445801.498	85°18'06.95052"	22°06'30.20796"
BP-4/23	324867.600	2445850.352	85°18'07.93080"	22°06'31.80972"
BP-4/24	324899.239	2445902.241	85°18'09.01800"	22°06'33.50520"
BP-4/25	324960.460	2445970.524	85°18'11.12724"	22°06'35.74728"
BP-4/26	325002.587	2446050.302	85°18'12.56580"	22°06'38.35584"
BP-4/27	325050.630	2446160.372	85°18'14.19912"	22°06'41.95188"
BP-4/28	325097.206	2446222.532	85°18'15.80004"	22°06'43.98948"
BP-4/29	325130.860	2446258.920	85°18'16.95996"	22°06'45.18468"
BP-4/30	325168.890	2446303.735	85°18'18.26964"	22°06'46.65528"
BP-4/31	325202.692	2446360.796	85°18'19.42668"	22°06'48.22868"
BP-4/32	325239.129	2446417.653	85°18'20.67588"	22°06'50.38416"
BP-4/33	325264.089	2446479.452	85°18'23.95916"	22°07'02.93556"
BP-4/34	325267.459	2446484.125	85°18'25.70372"	22°07'04.37340"
BP-4/35	325273.043	2446487.179	85°18'26.42388"	22°07'05.83392"
BP-4/36	325280.972	2446488.447	85°18'26.84936"	22°07'06.87500"
BP-4/37	325297.123	2447070.367	85°18'45.96588"	22°07'11.86824"
BP-4/38	326156.578	2447128.023	85°18'52.41024"	22°07'13.84176"
BP-4/39	326225.285	2447120.892	85°18'54.81036"	22°07'13.60236"
BP-4/40	326319.248	2447097.022	85°18'58.09824"	22°07'12.86004"
BP-4/41	326435.096	2447100.344	85°19'02.13888"	22°07'13.00980"
BP-4/42	326485.424	2447105.636	85°19'03.89280"	22°07'13.19968"
BP-4/43	326577.534	2447143.529	85°19'07.09212"	22°07'14.46492"
BP-4/44	326617.129	2447191.253	85°19'08.45508"	22°07'16.03056"
BP-4/45	326651.929	2447225.114	85°19'09.65640"	22°07'17.14404"
BP-4/46	326689.339	2447296.759	85°19'10.93332"	22°07'19.55172"
BP-4/47	326704.011	2447351.177	85°19'11.42508"	22°07'21.26100"
BP-4/48	326717.070	2447389.640	85°19'11.86572"	22°07'22.51596"
BP-4/49	326725.349	2447429.445	85°19'12.13932"	22°07'23.81304"
BP-4/50	326745.634	2447487.506	85°19'12.82476"	22°07'25.70808"
BP-4/51	326748.637	2447510.645	85°19'12.92052"	22°07'26.46120"
BP-4/52	326889.458	2447642.778	85°19'17.78340"	22°07'30.80748"
BP-4/53	326950.960	2447719.555	85°19'19.89984"	22°07'33.32568"
BP-4/54	327060.148	2447874.150	85°19'23.64996"	22°07'38.38052"
BP-4/55	327113.570	2447935.880	85°19'25.49028"	22°07'40.41660"
BP-4/56	327172.593	2447964.303	85°19'27.53904"	22°07'41.36160"
BP-4/57	327245.379	2447987.785	85°19'30.06948"	22°07'42.15108"
BP-4/58	327338.108	2448008.634	85°19'33.28724"	22°07'42.86208"
BP-4/59	327410.937	2448038.082	85°19'35.82732"	22°07'43.84560"
BP-4/60	327435.915	2448047.954	85°19'36.69492"	22°07'44.17536"
BP-4/61	327490.903	2448076.521	85°19'38.60256"	22°07'45.12396"
BP-4/62	327560.832	2448111.528	85°19'41.02932"	22°07'46.28676"
BP-4/63	327607.301	2448109.710	85°19'42.65148"	22°07'46.24428"
BP-4/64	327635.421	2448105.483	85°19'43.63428"	22°07'46.11720"
BP-4/65	327667.149	2448094.956	85°19'44.74560"	22°07'45.78600"
BP-4/66	327776.124	2448064.120	85°19'48.55980"	22°07'44.82264"
BP-4/67	327851.215	2448047.151	85°19'51.18636"	22°07'44.29776"
BP-4/68	327828.506	2448053.717	85°19'50.39148"	22°07'44.50296"
BP-4/69	327874.336	2448038.796	85°19'51.99636"	22°07'44.03424"
BP-4/70	327878.407	2448037.786	85°19'52.13892"	22°07'44.00292"
BP-4/71	327932.288	2448016.580	85°19'54.02640"	22°07'43.39704"
BP-4/72	327943.933	2448015.041	85°19'54.43392"	22°07'43.28688"
BP-4/73	327997.220	2447994.374	85°19'56.30124"	22°07'42.63420"
BP-4/74	328052.892	2447964.871	85°19'58.24452"	22°07'41.69460"
BP-4/75	328121.796	2447927.762	85°20'00.67380"	22°07'40.51272"
BP-4/76	328164.520	2447912.364	85°20'02.17032"	22°07'40.02744"
BP-4/77	328329.773	2447864.187	85°20'07.95480"	22°07'38.52012"
BP-5	328499.080	2447890.381	85°20'13.85268"	22°07'39.43200"

MAP OF LEASE AREA (1321.45 Ha) OF BOLANI ORES MINES,M/S SAIL ,SHOWING DETAIL LANDUSE PLAN



LANDUSE PLAN OF THE MINING LEASE AREA SHOWING CATEGORY WISE BREAK UP OF BROKEN AREA & PROPOSED VIRGIN AREA

Sl No	Purpose/Type of use	Already Broken up Land (in Ha)					Virgin Land (in Ha) diverted & (proposed to be broken)					TOTAL RF(Ha) in Ha	TOTAL (Ha) in Ha	Total Sabik Forest in Ha	Total Forest in Ha	Total Non Forest in Ha	Grand Total in Ha (A+B)
		RF	HALF	Sabik Forest	Total Forest	Non Forest	RF	HALF	Sabik forest	Total Forest	Non forest						
1	Mining/ Fines disposal etc	379.10	0.00	23.40	402.50	0.00	402.50	301.40	0.00	0.00	301.40	0.00	301.40	680.50	0.00	23.40	703.90
2	Storing of minerals / waste / OB dump	14.00	0.00	0.00	14.00	0.00	14.00	25.00	0.00	10.00	35.00	0.22	35.22	39.00	0.00	10.00	49.22
3	Roads and conveyers, Pipe, Power Line (Linear infrastructures)	21.36	0.00	1.90	23.26	1.00	24.26	20.00	0.00	0.98	20.98	0.02	21.00	41.36	0.00	2.88	44.24
4	Plants and Machineries	9.56	1.10	4.41	15.07	0.00	15.07	9.00	14.99	26.40	50.39	0.42	50.81	18.56	16.09	30.81	65.46
5	Office and Township	9.80	1.89	17.46	29.15	2.99	32.14	5.00	0.00	0.00	5.00	0.00	5.00	14.80	1.89	17.46	34.15
6	Magazine & POL dispensing facility	1.00	0.00	0.00	1.00	0.00	1.00	0.00	0.00	0.00	0.00	0.00	1.00	0.00	1.00	0.00	1.00
7	Sub Total of Category Wise breakup	434.82	2.99	47.17	484.98	3.99	488.97	360.40	14.99	37.38	412.77	0.66	413.43	795.22	17.98	84.55	897.75
8	Safety Zone	0.00	0.00	1.25	1.25	0.00	1.25	65.92	7.28	0.98	74.18	0.59	74.77	65.92	7.28	2.23	75.43
9	Unutilized area to be protected and others	0.00	0.00	0.00	0.00	0.00	0.00	331.77	7.60	0.31	339.68	3.35	343.03	331.77	7.60	0.31	339.68
GRAND TOTAL		434.82	2.99	48.42	486.23	3.99	490.22	758.09	29.87	38.67	826.63	4.60	831.23	1192.91	32.86	87.09	1321.45



Legend

Broken Area*

- ML Boundary Pillars
- Reserved Pillars
- RF/Village Boundary
- ML Boundary

Virgin area

- Diverted Reserved Forests
- Diverted Revenue (Khesra) Forests
- Non Forest and Recorded as forests(SabikForest)
- Non Forest Tenanted Land
- Proposed to be broken as per approved DRP

- Power line
- Pipe Line
- Road
- Conveyor belt
- Mining
- Fines Disposal/Ore Stackyard
- OB Dump
- Backfilled Area
- Proposed NewDumps
- Office and Township
- Plant and Machineries

* Detailed Co-ordinates submitted in Plate- IV & XII of DRP

STEEL AUTHORITY OF INDIA LIMITED
BOLANI ORE MINES,KEONJHAR ODISHA

MAP OF LEASE AREA (1321.45 Ha) OF
BOLANI ORES MINES,M/S SAIL
SHOWING
DETAIL LANDUSE PLAN

Dated:

Surveyor

1:8,000
SCALE