

Letter No. ²²⁸.....OMC/F&E/2018
04th January, 2018

To

**The Divisional Forest Officer
Cuttack Forest Division,
Cuttack.**

Sub: Proposal for diversion of 5.782 ha. of forest land pertaining to PL Block No-II in village Kaliapani & Forest Block No.27 under Sukinda Tahasil of Jajpur District for undertaking exploratory drilling of 95 no. of boreholes of 4'' dia (95 nos of boreholes @0.02 ha. each & 3.882 ha. for construction of road) by Odisha Mining Corporation Ltd. for prospecting of minerals.

Ref: Your Letter No. 8469/5F (Misc.), Dtd.08.11.2017 by DFO, Cuttack Forest Division.

Sir,

The Addl. PCCF, Forest Diversion & Nodal Officer, FC Act observed the following discrepancies during scrutiny of the prospecting proposal of PL Block No. II (Chromite) of OMC Ltd. and communicated to the DFO, Cuttack Forest Division vide letter under reference:

Sl. No	Observation	Compliance
1	Compensatory Afforestation scheme has not been submitted in lieu of diversion of 3.882 ha. of forest land.	The copy of the Site specific scheme for Compensatory Afforestation over 3.882 ha. of non-forest Govt. land in Tala Ambapadar village under Thuamul Rampur Tahasil of Kalahandi district prepared by DFO, Kalahandi(S) is enclosed as Annexure-I . Corresponding kml file in soft copy is enclosed in form of a CD.
2	Non-forest land for Compensatory Afforestation has not been identified.	Non-forest Govt. land in village Tala Ambapadar in Kalahandi district has been identified. The copy of the allotment order is enclosed as Annexure-II .
3	Enumeration of trees standing over the forest land has not been conducted.	The list of Enumeration of trees standing over proposed prospecting area in forest land duly authenticated by Forest Officials and OMC is enclosed as Annexure-III .
4	Undertaking to pay the cost of raising and maintenance of Compensatory Afforestation over the identified land.	Undertaking by OMC to this effect is enclosed as Annexure-IV .

It is requested to kindly process the proposal with the above compliances at an early date.

Encls: As above

Yours faithfully,


Executive Director (F & E)

The Odisha Mining Corporation Ltd.

(A Gold Category State PSU)

Registered Office : OMC House, Bhubaneswar-751001, India
Tel: 0674-2377400/2377401, Fax: 0674-2396889, 2391629, www.omcltd.in
CIN : U13100OR1956SGC000313

Memo No...../OMC/F&E/2018

January, 4th 2018

Copy submitted to Addl. Principal Chief Conservator of Forests, Forest Diversion and Nodal Officer, FC Act, O/o the PCCF, Odisha, Aranya Bhawan, Chandrashekharapur, Bhubaneswar for kind information & necessary action.

Executive Director (F & E)

Memo No...../OMC/F&E/2018

January, 4th 2018

Copy Forwarded to Regional Manager, J.K. Road/DGM (Geo), J.K. Road/ Camp Officer, Chirigunia Prospecting Camp for information, He is requested to peruse the matter with DFO, Cuttack for needful action.

Executive Director (F & E)

**SCHEME FOR
COMPENSATORY AFFORESTATION

FOR

DIVERSION OF FOREST LAND FOR NON-FOREST PURPOSE
IN EXPLORATION OF MINERALS IN P.L. BLOCK – II
(CHROMITE)
OF ODISHA MINING CORPORATION LTD.**

**Over an area of 3.882 hectares situated
in Sukinda Tahasil and Cuttack Forest Division of
Jajpur District, Odisha**

Detailed scheme for Compensatory Afforestation to be carried out in lieu of 3.882 hectares of forest area to be diverted for prospecting in Chrome Block-II of Odisha Mining Corporation Ltd. in Jajpur District.

Exploration will be done in Chrome Block-II Mines of OMC Ltd in Jajpur District. Total Prospecting Lease area of the mine is 153.571 hectare out of which 152.4426 ha. area is forest land. Temporary roads to be constructed for movement of drilling equipments to 95 Bore Hole Pads will cover forest area of 3.882 ha. and Compensatory Afforestation needs to be raised over equivalent non-forest area. Collector, Kalahandi vide letter No. 1901/Rev Dated 9.11.2017 (Annexure-A) forwarded the land details with trace maps to DFO, Kalahandi South Division permitting transfer of 6.76 hectares non-forest land for raising compensatory afforestation by the State Forest Department at project cost. The site specific schemes are therefore prepared as follows:

1. Details of non-forest land:-

District: Kalahandi

Tahasil: Thuamul Rampur

Village	Khata No	Kisam	Plot No.	Area of the plot	Area taken for this project
Tala Ambapadar	51 (Abad Ajogya Anabadi)	Dangar	61	38.75	6.20
		Dangar	62	34.25	3.40
Total					9.4 ac. Or 3.882 ha.

The village maps showing the land details for the proposed compensatory afforestation is enclosed as Plate No. _____ of the FDP.

The jointly verified non-forest land by Forest and Revenue authorities is enclosed as Annexure-(B).

Proposed Compensatory Afforestation area showing on the topo sheet No. E44F2 is furnished as Annexure-(C).

G.P.S co-ordinates of survey stations of Compensatory Afforestation area are furnished as Annexure-(D).

2. Description of Area

- I. Whether the site selected for Compensatory Afforestation is a land bank or not: This identified non-forest area is under the control of Revenue Department and classified as 'Dangar'. It is not a land bank
- II. If the CA site is other than the land bank, reasons be given: No land bank has been established yet for this purpose.

III. In case of non forest area identified for CA, then what is the distance of CA site from the adjoining forest boundary: 1 km from Khakes R.F.

IV. Soil type: Lateritic soil.

V. Topography :

- a) Hilly/Undulating/Plain: The Compensatory Afforestation sites are hilly and undulating.
- b) Slope: Steep/Medium/Gentle: The sites selected for Compensatory Afforestation have medium to gentle slope.

VI. Whether the area is bearing any root stock of vegetation: The sites selected for Compensatory Afforestation are either barren or with weed growth like *Lantana*, *Eupatorium*, *Woodfordia fruticosa*, *Combretum decandrum*. Root stock of any principal species like Sal is not available.

3. Plantation Model:-

Since the area is hilly, Bald Hill plantation with 1600 plants per hectare will be raised. Maintenance of plantation for 10 years is also required as per F.No. 11-168/2009-FC Date 14.2.2012 of MoEF. Considering these facts a site specific cost norm for the plantation is furnished as Annexure-(F).

4. Schedule of Plantation Programme:-

Detail of year wise break up of requirements of funds is as under:-

Year	Area in Ha.	Rate/ Ha.	Amount
0th Year	3.882	69978.00	271655.00
1st Year		65752.75	255252.00
2nd Year		24632.50	95623.00
3rd Year		14945.00	58016.00
4th Year		11315.50	43927.00
5th Year		11315.50	43927.00
6th Year		11315.50	43927.00
7th Year		11315.50	43927.00
8th Year		11315.50	43927.00
9th Year		11315.50	43927.00
10th Year		11315.50	43927.00
Total		254516.75	988034.00

5. Technical details:- Technical details of Compensatory Afforestation Scheme are as follows:

a) General Details :

Survey & Demarcation of boundary:

The identified area will be surveyed by DGPS and the area will be demarcated with RCC pillars of size 2.5 mtr x 30 cm x 30 cm. This work will be done by the User Agency at Project cost.

Fencing:

To protect the plantation from grazing and other biotic interference, it will be provided with 7 strand barbed wire fencing with RCC pillars, the cost for which will be paid by the User Agency. Since non-forest areas adjoining this site have also been taken for Compensatory Afforestation for other projects and barbed wire fencing will be done around the entire patch, the length of barbed wire fence needed in this project is furnished below.

Sl No	Village	Length of outer periphery of the site in mtr	Length of enclosures if required to be fenced	Length of common fence of adjoining project which need not be fenced	Total length of fence required (3+4+5)
(1)	(2)	(3)	(4)	(5)	(6)
1	Tala Ambapadar	832.813	Nil	Nil	832.813 mtr
Total		832.813			832.813 mtr

Estimate for barbed wire fencing has been provided in Annexure – (E).

Planting and post-planting:

- b) Compensatory Afforestation areas of this project and its adjoining projects should be treated as a single plantation for proper management. Bald Hill plantation shall be taken up with 1600 plants per hectares at spacing of 2.5 m x 2.5 m. Alignment and pit marking should be done carefully in slopes so that the horizontal distance between plants in a row remains 2.5 mtrs and not the distance measured along the slope. All post planting measures like casualty replacement, soil working, manuring, fire protection etc. will be undertaken. The plantation area should be divided into 4 hectare plots. These plots should be demarcated in the field before digging of pits so that the demarcating line does not cross a plantation row. The 4 ha plots should be shown on map. Cost norm for Bald Hill plantation is furnished as Annexure-(F).

While taking up plantation, the following vital points shall be taken up for consideration: -

- Care to be taken to raise healthy plantable seedlings of minimum 60 cm height. 10% extra seedlings are to be raised for replacement of casualty.
- Pitting shall invariably be done during November-February i.e., before onset of monsoon. If possible the soil of upper portion and lower portion of pit should be placed separately in specific direction so that while planting the pits will be filled with top-soil first.
- Planting shall be done on the onset of monsoon to get full benefit of monsoon rain and planting should never be delayed.

- Basal dose of 50 grams of NPK and 5 grams of Chlorpyrifos dust per plant should be applied at the time of planting carefully by mixing with top-soil so that the roots of seedlings do not come in direct contact with fertilizer.
- In case of any mortality of planted seedlings, it should be replaced with good seedlings as soon as possible for better success rate.
- Complete weeding in proper time will be done. Strip weeding will not be permitted.
- Soil-working and application of 2nd dose fertilizer of 50 gms NPK per plant should be done in time.
- Since the area is provided with barbed wire fence, watch & ward will be easier and the watchers may be engaged in weeding in problematic areas alongwith watch & ward.

c) Species:

Although indigenous species are to be preferred in the plantation, considering adverse soil & moisture conditions we may go for hardy exotic species where required so that the plants are able to survive. For success of plantation in interior tribal areas, plantation of fruit and NTFP species plays a great role since economic species have a little value for local people. Considering the topography, soil and moisture availability of the plantation area, the following species will be planted

Name of species	Common name	Remarks
<i>Azadirachta indica</i>	Neem	
<i>Derris indica</i>	Karanja	
<i>Emblica officinalis</i>	Amla	
<i>Terminalia chebula</i>	Harida	In lower areas with good soil depth
<i>Terminalia bellirica</i>	Bahada	In lower areas with good soil depth
<i>Dalbergia sissoo</i>	Sissoo	In lower areas with good soil depth
<i>Gmelina arborea</i>	Gambhari	In lower areas with good soil depth
<i>Dendrocalamus strictus</i>	Salia bamboo	In lower areas with good soil depth healthy seedlings from rhizomes may be planted
<i>Cassia siamea</i>	Chakunda	In lower areas with good soil depth
<i>Tamarindus indica</i>	Tentuli	In lower areas with good soil depth
<i>Madhuca indica</i>	Mahul	Only two years old seedlings may be planted
<i>Simaruba glauca</i>	Simaruba	In rocky areas with low soil depth
<i>Zizyphus mauritania</i>	Barkoli	In rocky areas with low soil depth
<i>Tectona grandis</i>	Teak	Potted seedlings from pre-sprouted healthy stumps will be planted
<i>Mangifera indica</i>	Mango	In situ plantation (direct placing of mango stone in planting site) during pre-monsoon may be adopted in few lower areas or where life-saving watering can be done during summer


d) Soil and Moisture Conservation Works :-

Since most of the areas are hilly and undulating, half-moon trenches on down-hill side of plants should be constructed.

e) Protection of the plantation: - 7 strand Barbed wire fence with RCC pillars all along the periphery of the plantation will be provided. Few watchers will also be engaged for protection of the plantation.

6. Proposed Monitoring Mechanism: - The scheme shall be executed by the Divisional Forest Officer, Kalahandi South Division with his staff and all prescribed records are to be maintained. In addition to internal monitoring by Forest Officers of State Government, a Monitoring Committee under item no. 3.4(iii) of consolidated guidelines under F.C Act 1980 issued by MoEF, shall be established with a nominee of the Central Government to oversee that the stipulations, including those pertaining to Compensatory Afforestation are carried out.

7. Total cost of the project: The total cost of the project is Rs. 18, 29,100.00 (Rupees Eighteen lakh Twenty-nine thousand One hundred) only as detailed in Annexure-(G) which shall be payable by the user agency to the D.F.O, Kalahandi South Division on demand.



Divisional Forest Officer
Kalahandi South Division
Divisional Forest Officer
Kalahandi South Division

OFFICE OF THE COLLECTOR & DISTRICT MAGISTRATE, KALAHANDI

No. 1901 /Rev- Date: 09.11.2017

To,

Divisional Forest Officer (South)
Kalahandi, Bhawanipatna

Sub: Filing of requisition for Compensatory Afforestation - allocation of non-forest Govt. land.

Ref: This office letter No. 1610/Rev. dtd 26.09.2017 and your letter No. 4083 / 3F dated 27.10.2017.

Sir,

I am to say that non-forest Government land measuring to an area of 21.483 hector in village Tal Ambapadar under Th.Rampur Tahasil has been identified for allocation for raising compensatory afforestation in lieu of diversion of forest land pertaining to different mining projects of M/S. OMC Ltd., Bhubaneswar.

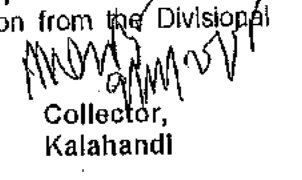
As such, you are requested to file requisition in Form No. 1-A for each project separately alongwith copy of joint verification reports before Tahasildar, Th.Rampur immediately for processing the alienation of the said Govt land in favour of Forest & Environment Department.

Yours faithfully,


Collector,
Kalahandi

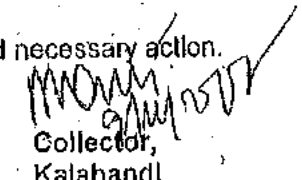
Memo No. 1902 /Rev. Date: 09.11.2017

Copy alongwith joint verification report forwarded to Tahasildar, Th.Rampur for information. He is requested to process the alienation proposal in favour of the Forest & Environment Department on obtaining the requisition from the Divisional Forest Officer (South), Kalahandi


Collector,
Kalahandi

Memo No. 1903 /Rev. Date: 09.11.2017

Copy to Sub-Collector, Bhawanipatna for information and necessary action.


Collector,
Kalahandi

Memo No. 1904 /Rev. Date: 09.11.2017

Copy to Managing Director, OMC Ltd., Odisha, Bhubaneswar with reference to his letter No.13323/OMC dtd 11.09.2017 for information and necessary action.


Collector,
Kalahandi

JOINT VERIFICATION REPORT OF NON-FOREST GOVT. LAND IN VILLAGE TALA AMBAPADAR UNDER TH.RAMPUR TAHASIL OF KALAHANDI DISTRICT FOR RAISING COMPENSATORY AFFORESTATION AGAINST EXPLORATORY DRILLING OF P.L BLOCK- II (CHROMITE) OF OMC LTD LOCATED IN SUKINDA TAHASIL AND CUTTACK FOREST DIVISION OF JAJPUR DISTRICT, ODISHA.

Certified that on joint verification of non-forest Govt. land (Kissam- Dangar) in Village Tala Ambapadar of Th.Rampur Tahasil of Kalahandi District, it is found that the schedule wise land mentioned as given under is suitable for bald hill block plantation and free from encroachment and encumbrances, does not comes under DLC land and FR Settlement.

Name of the Mines	Tahasil	Village	Khata No	Plot No	Kissam	Total area of the plot (Ac)	Area considered (Ac)
P.L BLOCK-II (CHROMITE)	THUAMULRAMPUR	TALA AMBAPADA R	S3 (AAA)	61	Dangar	38.75	6.20
				62	Dangar	34.25	3.40
		Total					9,600 Ac or 3.882 Ha.

Revenue Inspector
Kalahandi

Forester
Th. Rampur

Range Officer
Th. Rampur
Range Officer
Th. Rampur North Range

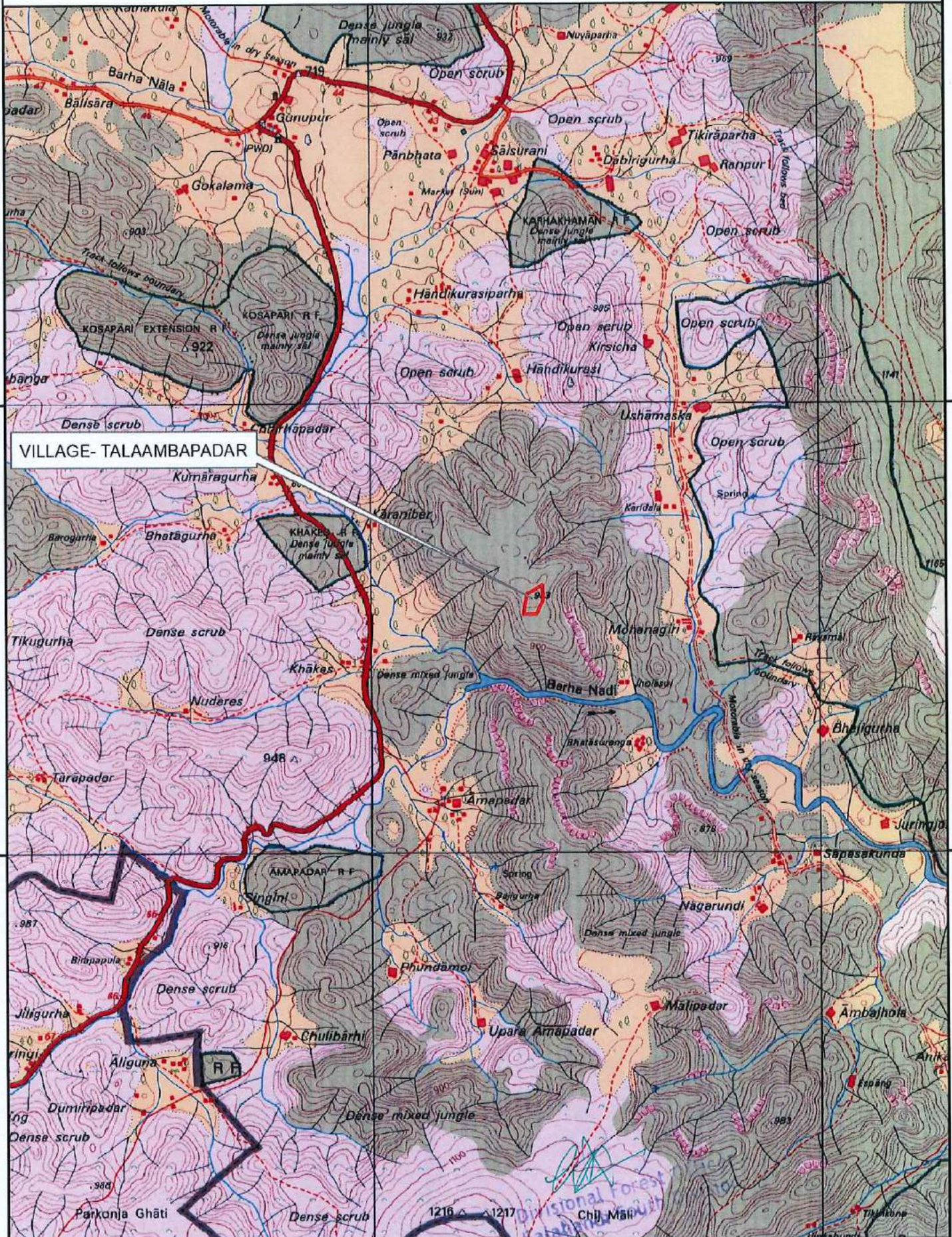
Th. Rampur
23/10/17
Th. Rampur

KEY PLAN

REF. TOPOSHEET; E44F2

SCALE; 1:50000

OMC Ltd.



VILLAGE- TALAAMBAPADAR



AREA PROPOSED FOR COMPENSATORY AFFORESTATION (3.882 HA.)

Revenue Inspector
NakrundiRange Officer
Th. Rampur North RangeRange Officer
Th. Rampur North Range

Th. Rampur

ANNEXURE - (D)

GPS READING OF THE AREA PROPOSED FOR COMPENSATORY AFFORESTATION

CO-ORDINATES OF THE BOUNDARY PILLARS						
From	To	Longitude	Latitude	Forward bearing	Backward bearing	Distance in mtr
1	2	E83° 8' 22.430"	19° 33' 56.511" N	186°46'34"	6°46'34"	213.226
2	3	E83° 8' 21.477"	19° 33' 49.637" N	89°55'41"	269°55'41"	122.393
3	4	E83° 8' 25.674"	19° 33' 49.592" N	23°31'34"	203°31'34"	116.341
4	5	E83° 8' 27.313"	19° 33' 53.041" N	19°01'19"	199°01'19"	53.239
5	6	E83° 8' 27.930"	19° 33' 54.671" N	356°13'04"	176°13'04"	75.669
6	7	E83° 8' 27.791"	19° 33' 57.127" N	356°58'50"	176°58'50"	70.876
7	8	E83° 8' 27.693"	19° 33' 59.430" N	311°18'17"	131°18'17"	3.38
8	9	E83° 8' 27.607"	19° 33' 59.504" N	235°57'50"	55°57'50"	78.942
9	10	E83° 8' 25.344"	19° 33' 58.094" N	231°21'54"	51°21'54"	45.015
10	1	E83° 8' 24.126"	19° 33' 57.194" N	246°14'55"	66°14'55"	53.732
PERIMETER -832.813 & AREA - 3.882 HA.						


Revenue Inspector
Nakrundi


Tahasildar
Rampur


Range Officer
Th. Rampur North Range


Divisional Forest Officer
Kalahandi South Division

ANNEXURE-(E)

COST NORM FOR BALD HILL PLANTATION @ 1600 PLANTS PER HECTARE

Labour cost @ Rs 213.50 per manday

Sl No	Item of work	Preferable period of execution	Manday	Labour cost @ Rs 213.50 per day	Material cost per hectare in Rs	Total cost per hectare in Rs.
Preparatory operation (0th Year)						
1.	Survey and demarcation	June	2	427.00	0	427.00
2.	Pitting (1600 pits per ha.)- each pit 45cm ³	Nov-Dec	128	27328.00	0	27328.00
3.	Soil and water conservation measures (a) Staggered trench along the contour @ 300 per ha (2.5mx0.5mx0.5m), digging of percolation pits @ 600 per ha in lieu of staggered trenches, gully plugging and Drainage line treatment, half moon trench on the uphill side of each planting pit (100 MD for staggered trench/percolation pits and 30 MD for gully plugging, drainage line treatment and half moon trench)	Sept-Nov	130	27755.00	0	27755.00
	(b) Green Fencing To be strengthened by planting of bamboo and other seedlings in two rows. Bamboo to be planted at 2 meters spacing in staggered manner on the two rows, and the rest of the species to be planted at ½ meter spacing along the two rows, the rows being 2m apart. Thus 500 plant (125 bamboo and 375 others) to be planted in two rows to cover 126 m of periphery / Ha. by the vegetative fence (Bamboo seedlings @ Rs. 9.45 per seedling x 125 = Rs. 1181.00 Agave seedling @ Rs. 3.50per seedling x 375 + Rs. 1312.00)	June – Sept.	11	2348.50	2493.00	4841.50
	(c) Site clearance-8 MD. Alignment and staking of contour lines on ground, planting pits, contour trenches/ percolation pits and check dam sites etc.-2 MD	July-Aug	10	2135.00	0	2135.00
4	Raising of seedlings in poly bags (minimum 60 cm high) @ Rs 9.45 per seedling (Rs 6.67 in 0 th year) Part (1760 saplings to be raised for one hectare from January-March @ Rs 11739/-	October-March	44	9394.00	2939.00	12333.00
Total 0th year			325	69387.50	5432.00	74819.50
Planting Operation (1st Year)						
1	Cost of sapling (balance) from April-June/July @ Rs 2.78 per seedling for 1760 seedlings = Rs.4893/-	April-July	21.5	4590.25	593.00	5183.25
2	Freshening of pits-64 MD, filling with fertile soil and farm yard manure (FYM)-24 MD, application of insecticide and planting of 60 cm tall saplings including carriage of plants-21MD	June-July	109	23271.50	0	23271.50
3	Cost of fertile soil 0.25 cft @ Rs 6 per cft/ FYM 0.25 cft @ Rs 15 per cft per pit		0	0	9200.00	9200.00
4	Sowing of seeds on dug out earth of trench	June	6	1281.00	200.00	1481.00
5	Carriage-6 MD. Planting including casualty replacement-6 MD, fertilizer application-5 MD, 1 st weeding-7 MD, 2 nd weeding-5 MD, soil working-7 MD.	July-August	36	7686.00	0	7686.00
6	Cost of fertilizer and insecticide (Granular insecticide @ 5gms/plant @Rs 80/- per kg = Rs		0	0	4480.00	4480.00

	640.00, NPK 100 gms/plant in two doses @ Rs 24 per kg = Rs 3840.00					
7	Maintenance of Soil and Moisture Conservation measures (20% of cost)	October-Dec	26	5551.00	0	5551.00
8	Closure to grazing, fire and other biotic interference by engaging watch & ward	April-March	30	6405.00	0	6405.00
9	Fire tracing and control, display board construction, painting/writing, other miscellaneous cost	Jan-Feb	10	2135.00	360.00	2495.00
Total (1st year)			238.5	50919.75	14833.00	65752.75
Maintenance Operation (2nd Year)						
1	Casualty replacement-6 MD including seedling cost @ Rs 9.45 per seedling and its transportation	June-July	10	2135.00	1512.00	3647.00
2	Soil working-7 MD, 1 st weeding-6 MD, 2 nd weeding-6 MD and fertilizer application-4 MD	August-October	23	4910.50	0	4910.50
3	Cost of fertilizer @ 50 gms NPK per plant @ Rs 24/- per kg for 1600 plants = Rs 1920.00, Insecticide @ 5 gm per plant for 160 nos of plants @ Rs 80 per kg = Rs 64.00		0	0	1984.00	1984.00
4	Maintenance of Soil and Moisture Conservation measures (20% of cost)	August-October	26	5551.00	0	5551.00
5	Fire tracing and control, and other misc. cost	Feb-Mar	10	2135.00	0	2135.00
6	Closure to grazing, fire and other biotic interference by engaging watch & ward	April-March	30	6405.00	0	6405.00
Total 2nd Year			99	21136.50	3496.00	24632.50
Maintenance Operation (3rd Year)						
1.	S.M.C measures (Renovation)--	Apr-Mar	26	5551.00	0	5551.00
2	Maintenance of plantation	Apr-Mar	14	2989.00	0	2989.00
3	Closure to grazing, fire and other biotic interference by engaging watch & ward	April-March	30	6405.00	500.00	6905.00
4	Repair of barbed wire fence		42.15	9000.00	0	9000.00
Total 3rd Year			112.15	23945.00	500.00	24445.00
Maintenance Operation (4th Year)						
1	S.M.C measures- 21MD, and maintenance of plantation - 14 MD	April-March	35	7472.50	0	7472.50
2	Closure to grazing, fire and other biotic interference by engaging watch & ward	April-March	18	3843.00	500.00	4343.00
Total 4th Year			53	11315.50	500.00	11815.50
Maintenance Operation (5th Year)						
1	S.M.C measures- 21MD, and maintenance of plantation - 14 MD	April-March	35	7472.50	0	7472.50
2	Closure to grazing, fire and other biotic interference by engaging watch & ward	April-March	18	3843.00	500.00	4343.00
Total 5th Year			53	11315.50	500.00	11815.50
Maintenance Operation (6th Year)						
1	S.M.C measures- 21MD, and maintenance of plantation - 14 MD	April-March	35	7472.50	0	7472.50
2	Closure to grazing, fire and other biotic interference by engaging watch & ward	April-March	18	3843.00	500.00	4343.00
3	Repair of barbed wire fence		42.15	9000.00	0	9000.00
Total 6th Year			95.15	20315.50	500.00	20815.50
Maintenance Operation (7th Year)						
1	S.M.C measures- 21MD, and maintenance of plantation - 14 MD	April-March	35	7472.50	0	7472.50
2	Closure to grazing, fire and other biotic interference by engaging watch & ward	April-March	18	3843.00	500.00	4343.00
Total 7th Year			53	11315.50	500.00	11815.50

Maintenance Operation (8 th Year)						
1	S.M.C measures- 21MD, and maintenance of plantation – 14 MD	April-March	35	7472.50	0	7472.50
2	Closure to grazing, fire and other biotic interference by engaging watch & ward	April-March	18	3843.00	500.00	4343.00
Total 8 th Year			53	11315.50	500.00	11815.50
Maintenance Operation (9 th Year)						
1	S.M.C measures- 21MD, and maintenance of plantation – 14 MD	April-March	35	7472.50	0	7472.50
2	Closure to grazing, fire and other biotic interference by engaging watch & ward	April-March	18	3843.00	500.00	4343.00
3	Repair of barbed wire fence		42.15	9000.00	0	9000.00
Total 9 th Year			95.15	20315.50	500.00	20815.50
Maintenance Operation (10 th Year)						
1	S.M.C measures- 21MD, and maintenance of plantation – 14 MD	April-March	35	7472.50	0	7472.50
2	Closure to grazing, fire and other biotic interference by engaging watch & ward	April-March	18	3843.00	500.00	4343.00
Total 10 th Year			53	11315.50	500.00	11815.50

ABSTRACT

Sl	Year	Mandays	Labour cost (Rs.)	Material cost (Rs.)	Total (Rs.)
1	0 th year	325	69387.50	5432.00	74819.50
2	1 st year	238.5	50919.75	14833.00	65752.75
3	2 nd year	99	21136.50	3496.00	24632.50
4	3 rd year	112.15	23945.00	500.00	24445.00
5	4 th year	53	11315.50	500.00	11815.50
6	5 th year	53	11315.50	500.00	11815.50
7	6 th year	95.15	20315.50	500.00	20815.50
8	7 th year	53	11315.50	500.00	11815.50
9	8 th year	53	11315.50	500.00	11815.50
10	9 th year	95.15	20315.50	500.00	20815.50
11	10 th year	53	11315.50	500.00	11815.50
Grand Total		1229.95	262597.25	27761.00	290358.25

ESTIMATE FOR BARBED WIRE FENCE

7 strands (5 straight + 2 cross strands) of 2 ply barbed wire on RCC posts fixed at 2.5 mtr intervals.							
Two fencing posts extra, used as struts at each corner point							
Number of fence posts required per kilometer 500 nos.							
Fence post size 2 mtr long; 10cm x 10cm top; 15cm x 15cm bottom							
Minimum wage rate Rs. 213.50 per day for unskilled labourer							
Lead Statement & cost of materials							
Sl. No	Item	Unit	Basic price	Lead in Km	Transport charge	Royalty	Total price
1	4cm hand broken granite metal	Cum	609.00	15	248.40	98.79	956.19
2	12mm H.G hand broken chips	Cum	934.00	15	248.40	98.79	1281.19
3	Screened & washed sand	Cum	59.00	25	340.40	27.44	426.84
4	M.S rod	Ant.	4000.00	90	76.80	0.00	4076.80
5	Cement	Qntl.	651.00	90	76.80	0.00	727.80
6	Barbed wire	Kg	66.00	90	0.76	0.00	66.76
Analysis of rate							
Sl. No.	Item	Qty.	Unit	Rate	Amount		
1	Cement concrete (1:4:8) with 4 cm HG metal						
a	Materials						
	Hand broken granite stone 4 cm size	0.96	Cum	956.19	917.94		
	Sand (Screened & washed)	0.48	Cum	426.84	204.88		
	Cement	1.72	Qntl.	727.80	1251.82		
					2374.64		
b	Labour						
	Mason second class	0.18	Each	253.50	45.63		
	Man mulia	1.80	Each	213.50	384.30		
	Women mulia	1.40	Each	213.50	298.90		
	Man mulia for mixing stone, sand and cement and water	0.70	Each	213.50	149.45		
					878.28		
c	Overhead charges 7.5% of (a+b)				243.97		
	Total cost per cum				3496.89		
2	C.C (1:2:4) in 12 mm hand broken H,G chips including hoisting and laying per cum.						
a	Materials						
	Hand broken granite stone 12 cm size	0.96	Cum	1281.19	1229.94		
	Sand (Screened & washed)	0.45	Cum	426.84	192.08		
	Cement	3.23	Qntl.	727.80	2350.79		
					3772.81		
b	Labour						
	Mason second class	0.68	Each	253.50	172.38		
	Man mulia	1.80	Each	213.50	384.30		
	Women mulia	1.40	Each	213.50	298.90		
	Man mulia for mixing stone, sand and cement and water	1.40	Each	213.50	298.90		
	Mason second class	0.50	Each	233.50	106.75		
					1261.23		
c	Overhead charges 7.5% of (a+b)				377.55		
	Total cost per cum				5411.59		

3	Labour for M.S reinforcement for R.C.C work including cutting, bending and tying the grills and placing in position, including cost of binding wire (per 1 Qntl.)				
	Blacksmith (Special)	1.00	Each	273.50	273.50
	Semiskilled mulia	1.00	Each	233.50	233.50
	30% sundries, binding wires and T&P etc.				152.10
	Total charges per quintal				659.10
	Estimated cost per fence post of 2 mtr long, 15 cm x 15cm bottom and 10 cm x 10 cm top in RCC (1:2:4) with 12mm H.G chips				
	Cost for concrete 2.0 mtr x 0.01625 sq. mtr =	0.0325	Cum	5411.59	175.88
	Cost of 8 mm rod (4 x 2 mtr) + 6mm rod 0.6 mtr for rings =	3.25	Kg	40.77	132.50
	Labour for cutting, bending, binding & laying in position of rods including cost of binding wire	3.15	Kg	6.59	20.76
	Cost of staples for holding barbed wire				20.00
					349.14
	Estimated cost for fixing each fence post with C.C (1:4:8) cm metal				
1	Cost of concrete (45cm x 45 cm) + 45cm) - (15cm x 15cm x 15cm)	0.081	Cum	3496.89	283.25
	Estimated per Kilometre of Barbed wire Fencing				
Sl No	Work	Qty.	Unit	Rate	Amount
1	Cost of fence post RCC (1:2:4) with 12mm H.G chips 2 mtr long 15cm x 15cm bottom and 10cm x 10cm top	500.00	Each	349.14	174570.00
2	Digging of pits for fixing of fence posts	500.00	Each	20.00	10000.00
3	Fixing of fence post with C.C (1:4:8) with 4 cm H.G metal	500.00	Each	283.25	141625.00
4	Cost of 2 ply barbed wire 7 strands x 1000 mtr= 7000 mtr @ 8 mtr per kg	875.00	Kg	66.76	58415.00
5	Labour for fixing barbed wire fencing and post by means of staples and straining hooks	7000	Mtr	6.00	42000.00
6	Average expenditure needs for extra lead for transporting RCC fence posts in hill slopes manually 0.5 man-day per pillar	500.00	Each	100.00	50000.00
	Total expenditure for 1 km of barbed wire fence				476610.00

ANNEXURE-(G)

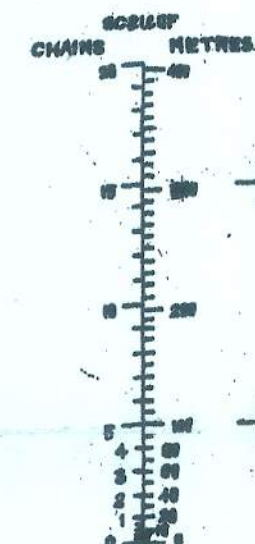
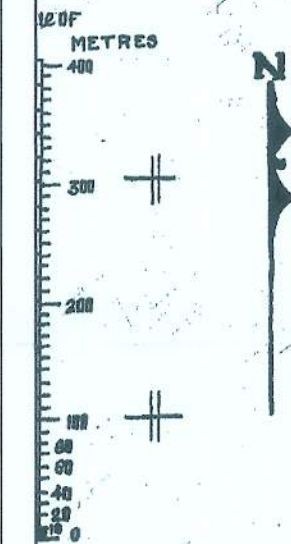
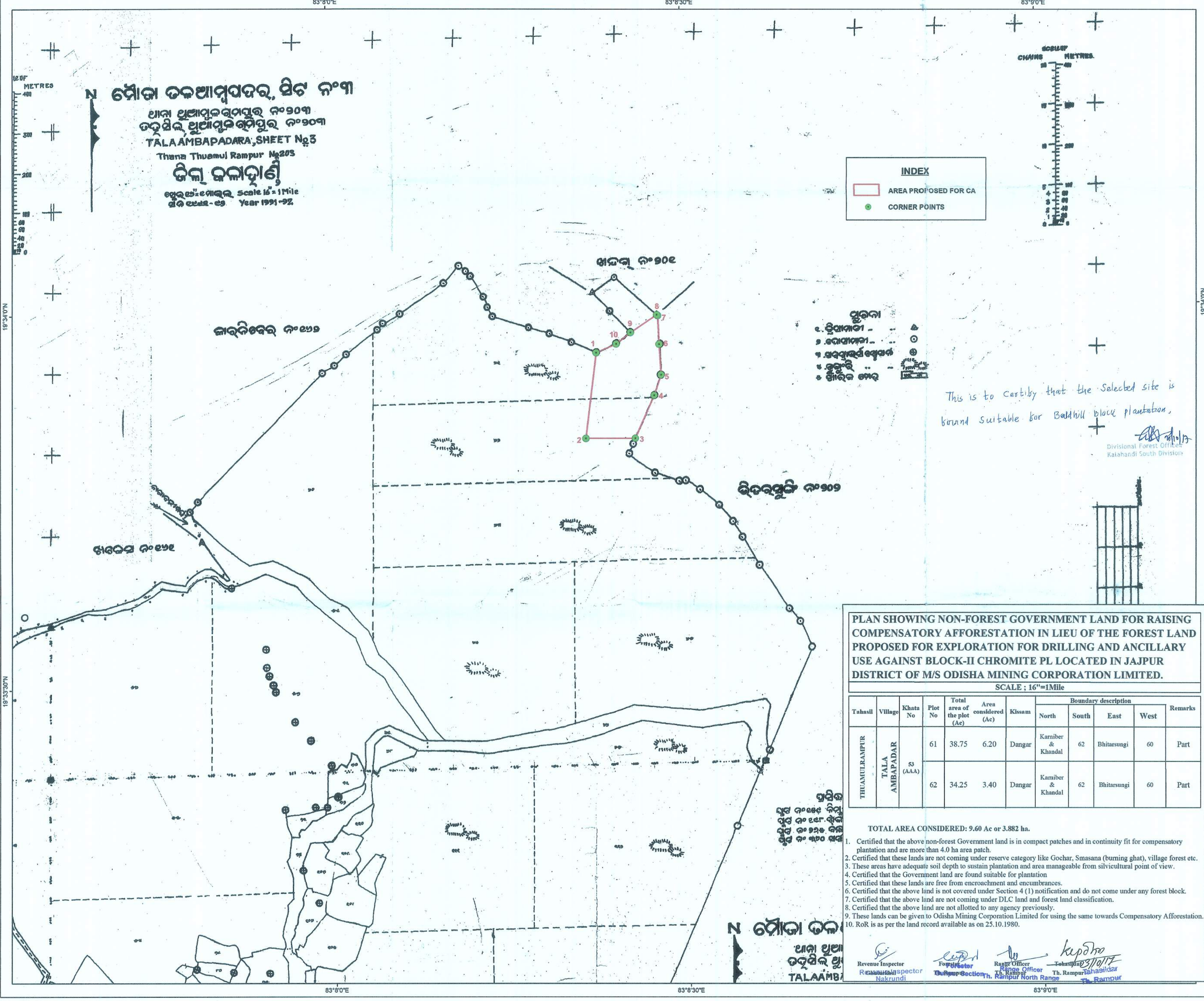
TOTAL COST OF THE COMPENSATORY AFFORESTATION SCHEME

Sl. No.	Item of Work	Total Estimated cost in Rs.
1	Barbed wire fence around plantation site Rs 476610/- X 0.833 km	397016.13
2	Bald Hill plantation over 3.882 ha. X Rs 290358.25	1127170.73
	Total	1524186.86
	Cost of Escalation in future 20%	304837.37
	Grand Total	1829024.23 or say Rs.18,29,100.00

(Rupees Eighteen lakh Twenty-nine thousand One hundred only)



Divisional Forest Officer,
Kalahandi South Division.
Divisional Forest Officer
Kalahandi South Division



N
ମୌଜା ତଳାମ୍ବପଦର, ଗ୍ରାମ ନଂ ୩
ଥାନା ଥୁଆମୁଲରାମ୍ପୁର ନଂ ୨୦୩
ତହସିଲ ଥୁଆମୁଲରାମ୍ପୁର ନଂ ୨୦୩
TALAAMBAPADARA, SHEET No 3
Thana Thuamul Rampur No 203
ଜିଲ୍ଲା କଟାହଣ୍ଡି
ସ୍କେଲ: ୧୯୯୧-୯୨ Scale 16"=1 Mile
ସନ ୧୯୯୧-୯୨ Year 1991-92

INDEX
[Red line] AREA PROPOSED FOR CA
[Green dot] CORNER POINTS

ପ୍ରକାର
୧. ଗ୍ରାମାଂଶ -
୨. ଗୋଷାଂଶ -
୩. ଗୋଷାଂଶର ଅଂଶ -
୪. ଗୋଷାଂଶର ଅଂଶ -
୫. ଗୋଷାଂଶର ଅଂଶ -

This is to certify that the selected site is
found suitable for Baidhil block plantation,
Divisional Forest Officer
Katahandi South Division

PLAN SHOWING NON-FOREST GOVERNMENT LAND FOR RAISING
COMPENSATORY AFFORESTATION IN LIEU OF THE FOREST LAND
PROPOSED FOR EXPLORATION FOR DRILLING AND ANCILLARY
USE AGAINST BLOCK-II CHROMITE PL LOCATED IN JAJPUR
DISTRICT OF M/S ODISHA MINING CORPORATION LIMITED.

SCALE : 16"=1Mile

Tahasil	Village	Khata No	Plot No	Total area of the plot (Ac)	Area considered (Ac)	Kissam	Boundary description				Remarks
							North	South	East	West	
THUAMULRAMPUR	TALA AMBAPADAR	53 (AAA)	61	38.75	6.20	Dangar	Karniber & Khandal	62	Bhitarisungi	60	Part
			62	34.25	3.40	Dangar	Karniber & Khandal	62	Bhitarisungi	60	Part

TOTAL AREA CONSIDERED: 9.60 Ac or 3.882 ha.

1. Certified that the above non-forest Government land is in compact patches and in continuity fit for compensatory plantation and are more than 4.0 ha area patch.
2. Certified that these lands are not coming under reserve category like Gochar, Smasana (burning ghat), village forest etc.
3. These areas have adequate soil depth to sustain plantation and area manageable from silvicultural point of view.
4. Certified that the Government land are found suitable for plantation
5. Certified that these lands are free from encroachment and encumbrances.
6. Certified that the above land is not covered under Section 4 (1) notification and do not come under any forest block.
7. Certified that the above land are not coming under DLC land and forest land classification.
8. Certified that the above land are not allotted to any agency previously.
9. These lands can be given to Odisha Mining Corporation Limited for using the same towards Compensatory Afforestation.
10. RoR is as per the land record available as on 25.10.1980.

Revenue Inspector
Range Officer
Tahasildar
Th. Rampur
Th. Rampur North Range

No. 1901 /Rev- Date: 09.11.2017

To,

Divisional Forest Officer (South)
Kalahandi, Bhawanipatna

Sub: Filing of requisition for Compensatory Afforestation - allocation of non-forest Govt. land.

Ref: This office letter No. 1610/Rev. dtd 26.09.2017 and your letter No. 4083 / 3F dated 27.10.2017.

Sir,

I am to say that non-forest Government land measuring to an area of 21.483 hector in village Tal Ambapadar under Th. Rampur Tahasil has been identified for allocation for raising compensatory afforestation in lieu of diversion of forest land pertaining to different mining projects of M/S. OMC Ltd., Bhubaneswar.

As such, you are requested to file requisition in Form No. 1-A for each project separately alongwith copy of joint verification reports before Tahasildar, Th. Rampur immediately for processing the alienation of the said Govt land in favour of Forest & Environment Department.

Yours faithfully,

Collector,
Kalahandi

Memo No. 1902 /Rev. Date: 09.11.2017

Copy alongwith joint verification report forwarded to Tahasildar, Th. Rampur for information. He is requested to process the alienation proposal in favour of the Forest & Environment Department on obtaining the requisition from the Divisional Forest Officer (South), Kalahandi

Collector,
Kalahandi

Memo No. 1903 /Rev. Date: 09.11.2017

Copy to Sub-Collector, Bhawanipatna for information and necessary action.

Collector,
Kalahandi

Memo No. 1904 /Rev. Date: 09.11.2017

Copy to Managing Director, OMC Ltd., Odisha, Bhubaneswar with reference to his letter No. 13323/OMC dtd 11.09.2017 for information and necessary action.

Collector,
Kalahandi

TREE ENUMERATION LIST OF 1.900 Ha. FOREST AREA FOR BOREHOLE PADS FOR PROSPECTING OF MINERALS IN PL BLOCK - II, M/S OMC LTD.

(ABSTRACT)

Total No. of Trees:49

Sl No.	Type of Species	Name of Species	0.3m to 0.59m		0.6m to 0.89m		0.90m to 1.19m		1.20m to 1.49m		1.50m to 1.79m		1.80m and above		Total		Remarks
			S	U/S	S	U/S	S	U/S	S	U/S	S	U/S	S	U/S	S	U/S	
1	1st Class Category	Kangara	0	3	1	4	0	0	0	0	0	0	0	0	1	7	
2		Sal	0	0	0	2	0	0	0	1	0	0	0	0	0	3	
3	2nd Class Category	Asana	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
4		Dhamana	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
5		Dhaura	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
6		Mahula	0	0	0	0	0	0	1	1	0	0	1	0	2	1	
7		Sidha	1	0	0	0	0	0	0	0	0	0	0	0	1	0	
8	3rd Class Category	Acassia	0	3	0	1	0	1	0	0	0	0	0	0	0	5	
9		Arjuna	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
10		Babul	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
11		Bahada	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
12		Chakunda	1	0	0	0	0	0	0	0	0	0	0	0	1	0	
13		Chara	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
14		Giringa	1	0	0	1	0	0	0	0	0	0	0	0	1	1	
15		Ghantala	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
16		Halada	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
17		Harida	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
18		Kalicha	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
19		Kusuma	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
20		Mai	1	0	0	1	0	0	0	0	0	0	0	0	1	1	
21		Misc.	0	5	0	0	0	0	0	1	0	0	0	0	0	6	
22		Phanaphena	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
23		Sunari	1	0	0	0	0	0	0	0	0	0	0	0	1	0	
		Total	5	25	1	12	0	1	1	3	0	0	1	0	8	41	

Category	S	U/s	Total
Special Type	0	0	0
1st Class Category	1	10	11
2nd Class Category	3	5	8
3rd Class Category	4	26	30
Total	8	41	49

Sal Poles - 8
Non sal Poles- 21
Total - 29

Surveyor
28/12/17
Geologist
Bhagyashree Prusty
Dy Manager(Geo)

Forest Guard

Forest Section Officer
Forester
Person in Section

Range Officer
Sukinda Range

**TREE ENUMERATION LIST OF 1.900 Ha. FOREST AREA FOR BOREHOLE PADS FOR PROSPECTING OF MINERALS IN PL
BLOCK - II, M/S OMC LTD.**

Sl. No	Tree No	Name of the Species	Girth (CM) at BH	Clear Bole Height(M)	Top Height (M)	Condition (U/S)	Remarks
1	P-1	GIRINGA	50	4	5	S	
2	P-2	GIRINGA	76	2	5	U/S	
3	P-3	HARIDA	55	2	4	U/S	
4	P-4	MISC	50	2	4	U/S	
5	P-5	MAHI	50	3	5	S	
6	P-6	KUSUMA	49	2	4	U/S	
7	P-7	KANGARA	70	2	7	U/S	
8	P-8	MISC	124	2	4	U/S	
9	P-9	SIDHA	37	3	4	S	
10	P-10	DHAURA	47	4	1	U/S	
11	P-11	SUNARI	50	3	5	S	
12	P-12	GHANTALA	50	2	3	U/S	
13	P-13	DHAURA	50	4	5	U/S	
14	P-14	DHAMANA	45	3	5	U/S	
15	P-15	HALADA	45	1	4	U/S	
16	P-16	KANGARA	80	2	7	U/S	
17	P-17	KANGARA	60	3	4	U/S	
18	P-18	MISC.	37	2	3	U/S	
19	P-19	MISC	37	1	3	U/S	
20	P-20	MAHI	60	2	4	U/S	
21	P-21	MISC	40	2	1	U/S	
22	P-22	MISC	45	1	2	U/S	
23	P-23	KANGARA	35	2	1	U/S	
24	P-24	KANGARA	45	2	3	U/S	
25	P-25	KANGARA	42	1	4	U/S	
26	P-26	KANGARA	68	4	5	S	
27	P-27	ASANA	55	2	4	U/S	
28	P-28	CHARA	60	1	3	U/S	
29	P-29	SALA	65	4	1	U/S	
30	P-30	MAHULA	135	2	1	U/S	
31	P-31	MAHULA	130	1.5	5	S	

32	P-32	MAHULA	190	3	5	S	
33	P-33	SALA	75	1	2	U/S	
34	P-34	ARJUNA	63	2	4	U/S	
35	P-35	BAHADA	76	2	3	U/S	
36	P-36	KUSUMA	55	2	3	U/S	
37	P-37	HALADA	46	3	2	U/S	
38	P-38	PHANAPHENA	49	1	4	U/S	
39	P-39	PHANAPHENA	50	1	4	U/S	
40	P-40	HARIDA	36	1	3	U/S	
41	P-41	KANGARA	70	2	5	U/S	
42	P-42	ACASSIA	100	1	4	U/S	
43	P-43	ACASSIA	40	1	5	U/S	
44	P-44	ACASSIA	60	1	6	U/S	
45	P-45	ACASSIA	40	2	3	U/S	
46	P-46	ACASSIA	40	2	3	U/S	
47	P-47	CHAKUNDA	40	5	3	S	
48	P-48	KALICHA	36	2	4	U/S	
49	P-49	SALA	148	1	4	U/S	

Sal Poles - 8

Non sal Poles- 21

Total - 29

[Signature]
Surveyor
28/12/17

[Signature]
28/12/17
Geologist
Bhagyashree Prusty
Dy Manager(Geo)

[Signature]
Forest Guard

[Signature]
Forest Section Officer
Forester
Ransol

[Signature]
28.12.17
Range Officer
Sukinda Range

TREE ENUMERATION LIST OF 3.882 Ha. FOREST AREA FOR CONSTRUCTION OF ROAD FOR PROSPECTING OF MINERALS IN PL BLOCK - II, M/S OMC LTD.




Total No. of Trees:263

[illegible]

31	Kaju	0	1	0	0	0	0	0	0	0	0	0	0	0	1	
32	Kaniari	0	0	0	0	0	1	0	0	0	0	0	0	0	1	
33	Karada	0	4	0	2	0	0	0	0	0	0	0	0	0	6	
34	Karanja	0	2	1	0	1	0	0	0	0	0	0	0	2	2	
35	Kumbhi	0	0	0	0	0	0	0	1	0	0	0	0	0	1	
36	Kusuma	3	3	0	1	0	0	0	0	0	0	0	0	3	4	
37	Mai	1	6	3	0	1	0	0	0	0	0	0	0	5	6	
38	Misc.	2	4	0	7	1	2	0	1	0	1	0	0	3	15	
39	Neem	0	2	2	1	0	0	0	0	0	0	0	0	2	3	
40	Palasha	0	0	0	1	0	0	0	0	0	0	0	0	0	1	
41	Phanaphena	0	3	0	2	0	0	0	0	0	0	0	0	0	5	
42	Sunari	0	2	0	0	0	0	0	0	0	0	0	0	0	2	
	Total	15	133	27	43	12	11	8	9	2	2	1	0	65	198	

Category	S	U/s	Total
Special Type	2	0	2
1st Class Category	8	38	46
2nd Class Category	13	45	58
3rd Class Category	42	115	157
Total	65	198	263

Sal Poles - 20
Non sal Poles- 113
Total - 133


 Surveyor
 28/12/17

 Geologist
 29/12/17

 Forest Guard
 Bhagyashree Prusty
 Dy Manager(Geo)


 Forest Section Officer
 Forester
 Ransol Section


 Range Officer
 Sukinda Range
 Forest Range Officer
 Sukinda Range

TREE ENUMERATION LIST OF 3.882 Ha. FOREST AREA FOR CONSTRUCTION OF ROAD FOR PROSPECTING OF MINERALS IN PL BLOCK - II, M/S OMC LTD.

Sl. No	Tree No	Name of the Species	Girth (CM) at BH	Clear Bole Height(M)	Top Height (M)	Condition (U/S)	Remarks
1	1	MAHI	102	4	7	S	
2	2	KUSUMA	50	4	5	S	
3	3	MISC.	55	5	7	S	
4	4	HARIDA	38	2	4	U/S	
5	5	MAHI	71	3	1	S	
6	6	KUSUMA	36	5	3	S	
7	7	KUSUMA	32	3	2	U/S	
8	8	DHAMANA	50	2	7	U/S	
9	9	KARADA	45	3	2	U/S	
10	10	DHAURA	70	2	8	S	
11	11	KANGARA	45	5	3	S	
12	12	KANGARA	45	3	4	U/S	
13	13	PHANAPHENA	67	2	4	U/S	
14	14	KANGARA	65	2	5	S	
15	15	KANGARA	90	2	10	U/S	
16	16	KUSUMA	60	1	3	U/S	
17	17	BELA	40	3	4	U/S	
18	18	KARADA	70	1	4	U/S	
19	19	MISC	60	3	2	U/S	
20	20	KUSUMA	45	5	3	S	
21	21	BAHADA	35	5	1	S	
22	22	HARIDA	40	1	3	U/S	
23	23	KASI	45	3	2	U/S	
24	24	KANGARA	44	4	3	S	
25	25	CHARA	40	5	---	U/S	
26	26	KANGARA	45	4	2	U/S	
27	27	KANGARA	35	2	4	U/S	
28	28	KARADA	50	2	3	U/S	
29	29	KANGARA	90	4	8	S	
30	30	BAHADA	45	4	1	U/S	

31	31	GIRINGA	80	4	4	U/S	
32	32	GIRINGA	80	1	6	U/S	
33	33	KANGARA	50	3	4	S	
34	34	KANGARA	49	3	4	U/S	
35	35	KANGARA	50	1	7	U/S	
36	36	DHAMANA	50	1	4	U/S	
37	37	BOULA	130	4	6	U/S	
38	38	PHANAPHENA	45	3	4	U/S	
39	39	PHANAPHENA	42	2	3	U/S	
40	40	KANGARA	32	3	1	U/S	
41	41	KANGARA	34	4	----	U/S	
42	42	SIMILI	70	1	5	U/S	
43	43	HALADA	40	3	3	U/S	
44	44	MISC	62	1	4	U/S	
45	45	MISC	70	1	2	U/S	
46	46	MAHI	46	2	3	U/S	
47	47	KANGARA	35	1	3	U/S	
48	48	MAHI	50	2	1	U/S	
49	49	PHANAPHENA	55	1	4	U/S	
50	50	MAHI	45	4	2	U/S	
51	51	KASI	40	1	3	U/S	
52	52	KANGARA	65	5	2	S	
53	53	JAMU	30	1	1	U/S	
54	54	MAHI	60	5	2	S	
55	55	KANGARA	65	3	4	U/S	
56	56	KANGARA	55	3	4	U/S	
57	57	KANGARA	40	3	2	U/S	
58	58	KANGARA	40	4	----	U/S	
59	59	MISC	45	2	----	U/S	
60	60	SIMILI	190	6	10	S	
61	61	KANGARA	45	4	3	U/S	
62	62	ASANA	62	4	7	S	
63	63	ASANA	65	3	4	U/S	
64	64	ASANA	60	3	3	U/S	
65	65	KANGARA	40	5	3	U/S	
66	66	KANGARA	70	4	3	U/S	

67	67	KARADA	62	1	5	U/S	
68	68	SIMILI	90	6	7	S	
69	69	SIMILI	130	8	7	S	
70	70	SISSOO	40	4	2	S	
71	71	KANGARA	70	1	7	U/S	
72	72	KANGARA	35	4	3	U/S	
73	73	GIRINGA	85	1	4	U/S	
74	74	DHAURA	40	3	3	U/S	
75	75	MISC	75	2	2	U/S	
76	76	KANGARA	65	5	4	S	
77	77	KANGARA	55	2	3	U/S	
78	78	DHAURA	33	3	3	U/S	
79	79	KUSUMA	36	2	4	U/S	
80	80	KUSUMA	42	1	3	U/S	
81	81	ASANA	45	2	3	U/S	
82	82	KANGARA	65	3	5	U/S	
83	83	HALADA	80	2	5	S	
84	84	ASANA	40	3	3	U/S	
85	85	BARABAKULI	90	3	6	S	
86	86	MAHI	70	3	4	S	
87	87	MISC	50	1	4	U/S	
88	88	DHAURA	33	3	2	U/S	
89	89	MISC	155	1	4	U/S	
90	90	ASANA	65	1	4	U/S	
91	91	ASANA	82	1	3	U/S	
92	92	SALA	50	1	2	U/S	
93	93	MISC	50	2	3	U/S	
94	94	SALA	40	1	3	U/S	
95	95	ASANA	50	1	4	U/S	
96	96	ASANA	31	4	----	U/S	
97	97	ASANA	35	3	2	U/S	
98	98	KANGARA	38	2	4	U/S	
99	99	ASANA	56	5	1	U/S	
100	100	KANGARA	62	1	3	U/S	
101	101	SUNARI	50	3	4	U/S	
102	102	ASANA	45	1	4	U/S	

103	103	ASANA	58	1	5	U/S	
104	104	ASANA	50	1	3	U/S	
105	105	ASANA	45	4	1	U/S	
106	106	ASANA	45	1	4	U/S	
107	107	ASANA	40	4	----	U/S	
108	108	SALA	50	1	4	U/S	
109	109	SALA	38	3	----	U/S	
110	110	SALA	35	4	----	U/S	
111	111	SALA	30	5	----	U/S	
112	112	JAMU	40	1	3	U/S	
113	113	ASANA	45	1	3	U/S	
114	114	BHALIA	55	1	3	U/S	
115	115	SALA	60	1	4	U/S	
116	116	SALA	45	4	1	U/S	
117	117	SALA	60	1	3	U/S	
118	118	BHERU	55	1	4	U/S	
119	119	MISC	107	4	5	U/S	
120	120	KALICHA	36	1	3	U/S	
121	121	BHERU	45	1	4	U/S	
122	122	KALICHA	45	1	3	U/S	
123	123	CHARA	45	1	4	U/S	
124	124	CHARA	40	1	4	U/S	
125	125	JAMU	80	2	3	U/S	
126	126	JAMU	100	1	3	U/S	
127	127	MAHULA	90	1.5	2	U/S	
128	128	SALA	115	1	2	U/S	
129	129	KENDU	125	3	7	S	
130	130	KENDU	90	2	4	S	
131	131	MAHULA	125	1	2	U/S	
132	132	JAMU	38	2	----	U/S	
133	133	JAMU	38	3	----	U/S	
134	134	ARJUNA	150	3	7	U/S	
135	135	ARJUNA	125	1	6	U/S	
136	136	MAHULA	170	2.5	5	S	
137	137	JAMU	135	1	8	S	
138	138	ARJUNA	115	2	6	S	

139	139	MAHULA	145	3	4	S	
140	140	MAHULA	155	3	4	S	
141	141	ASANA	125	4	----	U/S	
142	142	ARJUNA	133	2	6	S	
143	143	KURUMA	50	1	3	U/S	
144	144	ASANA	80	1	4	U/S	
145	145	ASANA	65	1	3	U/S	
146	146	ASANA	140	1	7	U/S	
147	147	NEEM	60	2	2	U/S	
148	148	NEEM	40	2	2	U/S	
149	149	PALASHA	60	1	3	U/S	
150	150	ARJUNA	52	1	3	U/S	
151	151	ARJUNA	50	3	----	U/S	
152	152	CHARA	55	1	4	U/S	
153	153	ARJUNA	90	2	4	S	
154	154	JAMU	42	4	----	U/S	
155	155	MISC	55	1	3	U/S	
156	156	KALICHA	50	1	4	U/S	
157	157	HALADA	62	4	2	S	
158	158	SISSOO	72	3	4	S	
159	159	SUNARI	40	3	2	U/S	
160	160	BAHADA	62	4	1	U/S	
161	161	CHARA	35	3	2	U/S	
162	162	KANGARA	43	1	3	U/S	
163	163	MISC	60	1	2	U/S	
164	164	KARADA	50	2	3	U/S	
165	165	HALADA	35	1	3	U/S	
166	166	HALADA	40	1	3	U/S	
167	167	BARABAKULI	105	1	7	U/S	
168	168	BELA	70	1	6	U/S	
169	169	PIASALA	35	2	3	U/S	
170	170	HALADA	36	1	2	U/S	
171	171	KANGARA	32	1.5	4	U/S	
172	172	KARADA	45	1	3	U/S	
173	173	SALA	35	4	1	U/S	
174	174	DHAURA	33	3	2	U/S	

175	175	DHAURA	30	2	3	U/S	
176	176	BAHADA	31	1.5	2	U/S	
177	177	KANGARA	30	1	2	U/S	
178	178	ASANA	35	0	4	U/S	
179	179	PHANAPHENA	61	1	3	U/S	
180	180	BAHADA	45	1	4	U/S	
181	181	MISC	135	2	1	U/S	
182	182	ACASSIA	40	1	3	U/S	
183	183	KANIARI	90	2	1	U/S	
184	184	KAJU	40	3	2	U/S	
185	185	NEEM	35	2	3	U/S	
186	186	ARJUNA	43	1	3	U/S	
187	187	KALICHA	57	1.5	2	U/S	
188	188	KENDU	140	3	6	U/S	
189	189	JAMU	45	4	2	U/S	
190	190	DHAURA	90	2	4	U/S	
191	191	KUMBHI	130	1	6	U/S	
192	192	HARIDA	112	1	6	U/S	
193	193	CHAKHUNDA	57	1	6	U/S	
194	194	BARA	45	1	4	U/S	
195	195	ACASSIA	120	1	8	S	
196	196	ACASSIA	60	1	6	U/S	
197	197	ACASSIA	85	1	1	S	
198	198	ACASSIA	55	1.5	4	U/S	
199	199	MISC	95	2	6	S	
200	200	ACASSIA	35	1	4	U/S	
201	201	CHAKHUNDA	35	2	3	U/S	
202	202	ACASSIA	50	3	4	U/S	
203	203	CHAKHUNDA	70	1	4	U/S	
204	204	ACASSIA	45	1	3	U/S	
205	205	ACASSIA	30	2	3	U/S	
206	206	ACASSIA	40	3	5	U/S	
207	207	ACASSIA	40	1	4	U/S	
208	208	ACASSIA	50	1	4	U/S	
209	209	ACASSIA	80	1	5	U/S	
210	210	ACASSIA	130	2	8	S	


211	211	CHAKUNDA	50	1	4	U/S	
212	212	CHAKUNDA	47	4	5	U/S	
213	213	ACASSIA	80	3	4	U/S	
214	214	ACASSIA	60	3	6	S	
215	215	HALADA	75	1	5	S	
216	216	ACASSIA	70	2	4	U/S	
217	217	MISC	75	1	3	U/S	
218	218	BABUL	115	1	6	U/S	
219	219	BABUL	90	3	4	S	
220	220	BABUL	80	2.5	4	S	
221	221	ACASSIA	55	1	4	U/S	
222	222	ACASSIA	57	1	4	U/S	
223	223	MISC	60	3	2	U/S	
224	224	MAHI	40	5	3	S	
225	225	MAHI	45	3	2	U/S	
226	226	MAHI	35	4	2	U/S	
227	227	MAHI	35	3	4	U/S	
228	228	ACASSIA	80	2	6	S	
229	229	ACASSIA	77	2	6	S	
230	230	MISC	92	2	5	U/S	
231	231	KENDU	60	2	2	U/S	
232	232	BABUL	60	2	3	U/S	
233	233	ACASSIA	50	1	4	U/S	
234	234	CHAKHUNDA	55	2	5	U/S	
235	235	CHAKHUNDA	40	2	3	U/S	
236	236	SIDHA	100	4	7	S	
237	237	KARANJA	61	3	1	S	
238	238	KARANJA	55	2	5	U/S	
239	239	KARANJA	100	2	5	S	
240	240	ACASSIA	55	1	9	U/S	
241	241	CHAKHUNDA	31	3	4	S	
242	242	CHAKHUNDA	32	4	2	S	
243	243	ACASSIA	72	5	6	S	
244	244	ACASSIA	60	6	4	U/S	
245	245	ACASSIA	45	4	3	U/S	
246	246	ACASSIA	80	4	7	S	


247	247	ACASSIA	70	5	6	S	
248	248	ACASSIA	60	3	7	U/S	
249	249	ACASSIA	80	5	6	S	
250	250	CHAKUNDA	150	1	9	U/S	
251	251	CHAKUNDA	100	4	7	S	
252	252	CHAKUNDA	70	2	5	U/S	
253	253	ACASSIA	85	2	8	S	
254	254	ACASSIA	72	5	6	S	
255	255	ACASSIA	45	4	5	S	
256	256	CHAKUNDA	30	2	3	U/S	
257	257	MISC	50	2	4	S	
258	258	KARANJA	41	2	2	U/S	
259	259	ACASSIA	60	3	5	S	
260	260	NEEM	65	3	5	S	
261	261	NEEM	65	7	3	S	
262	262	SIMILI	135	11	2	S	
263	263	KURUMA	60	3	7	S	

Sal Poles - 20

Non sal Poles- 113

Total - 133


Surveyor
28/12/2017


Geologist
Bhagyashree Prusty
Dy Manager(Geo)


Forest Guard


Forest Section Officer
Forester
Ransol Section


Range Officer
Sukinda Range
Forest Range Officer
Sukinda Range

Undertaking

I Smt. Nirupama Das, Dy. General Manager (Geo), Power of Attorney Holder of OMC Ltd do hereby undertake to pay the cost of raising and maintenance of Compensatory Afforestation over the identified land in Tala Ambapadar village under Thuamul Rampur Tahasil of Kalahandi district against P.L Block-I & II (Chromite) as per the prevailing cost norm and guidelines of the State Forest Department.

A handwritten signature in black ink, appearing to be 'Nirupama Das'.

(Nirupama Das)
Dy. General Manager (Geo)
Authorized Signatory

The Odisha Mining Corporation Ltd.

(A Gold Category State PSU)

Registered Office : OMC House, Bhubaneswar-751001, India
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CIN : U13100OR1956SGC000313