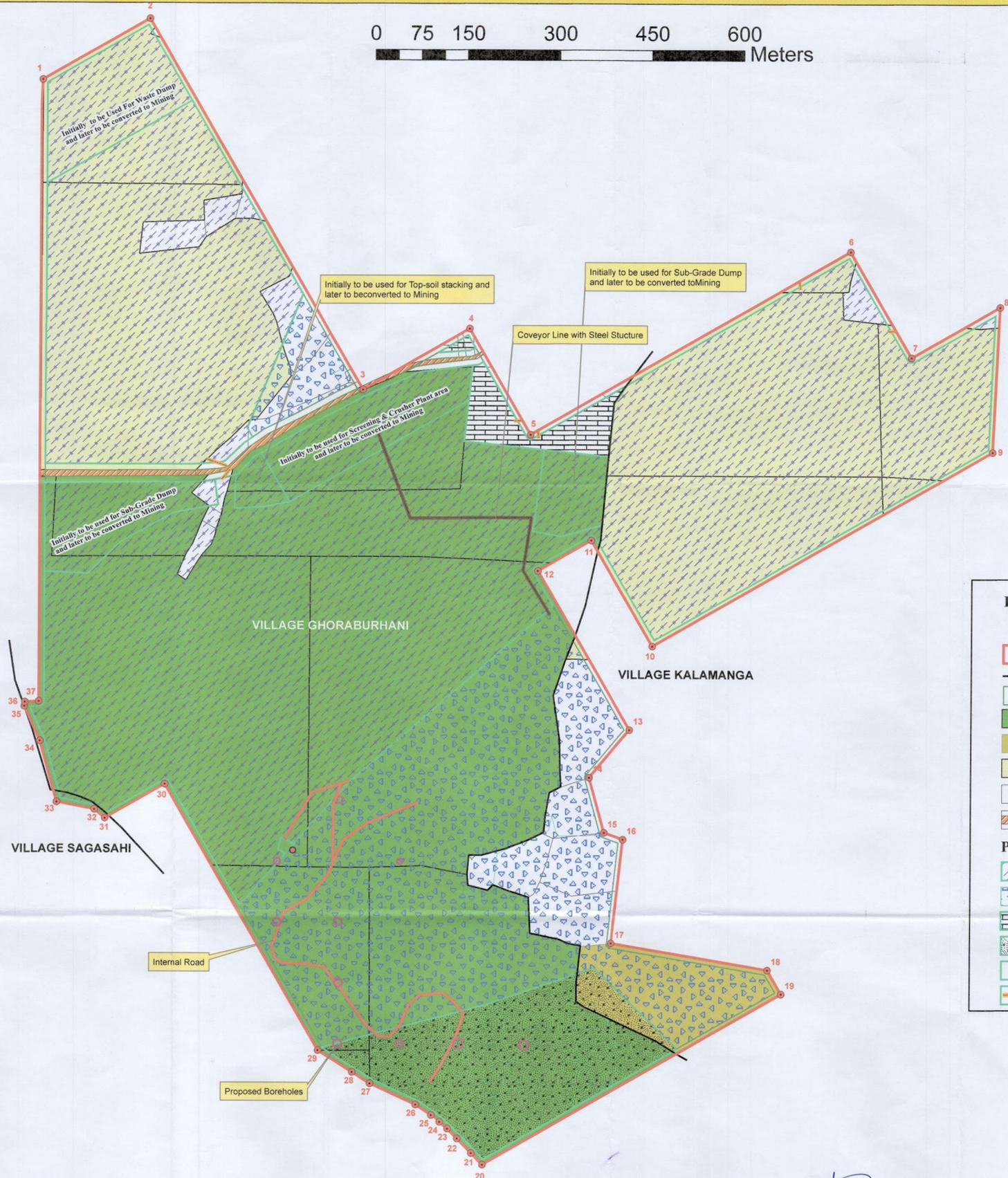
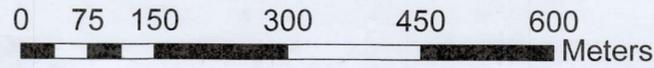


PLAN SHOWING PROPOSED LAND USE PATTERN OF GHORABURHANI-SAGASAH I IRON ORE MINES IN VILLAGES SAGASAH I, KALAMANGA & GHORABURHANI OVER 139.165 HA.  
(FOREST - 126.401 HA & NON-FOREST - 12.764 HA) UNDER KOIRA TAHASIL OF SUNDARGARH DISTRICT ALLOTTED TO M/S ESSAR STEEL INDIA LIMITED

SCALE - 1:4,000



Item wise Proposed Land Use Pattern in Forest and Non-Forest Land of Total Lease Hold Area

Sl. No.	Particulars	Category wise Forest Land in ha.			Total Forest in ha.	Non-Forest Land in ha.	Grand Total in ha.
		PRF	VF	DLC			
1	Mining along with Mines Road and Conveyor Line with Steel Structure	37.988	0	39.89	77.878	1.85	79.728
2	Initially to be used for Waste Dump and later to be converted to Mining	0	0	3.281	3.281	0	3.281
3	Initially to be used for Sub-Grade Dump and later to be converted to Mining	3.923	0	0	3.923	0.12	4.043
4	Initially to be used for Top-soil stacking and later to be converted to Mining	0.519	0	0	0.519	0	0.519
5	Initially to be used for Screening & Crusher Plant area and later to be converted to Mining	3.022	0	0	3.022	0.162	3.184
<b>X</b>	<b>Sub Total for Mining</b>	<b>45.452</b>	<b>0</b>	<b>43.171</b>	<b>88.623</b>	<b>2.132</b>	<b>90.755</b>
6	Waste Dump with environmental Safeguard	7.921	0.669	0	8.590	0	8.590
7	Mineral Processing i) Fixed Screening & Crushing Plant with premises ii) Benefication Plant with ancillaries iii) Benefication Plant Reject (Tailing Pond) with Embankment Structure	0	0	0.26	0.26	1.822	2.082
8	Office, Site service, Parking & Admin. Building	7.042	2.765	0	9.807	2.072	11.879
9	Internal Road for Exploration, Dump yard etc.	0.352	0	0	0.352	0	0.352
10	Revenue Road	0	0	0	0	0.598	0.598
11	Magazine	0.038	0	0	0.038	0	0.038
12	Road for In & Out in SZ area	0	0	0.02	0.02	0.02	0.04
<b>Y</b>	<b>Sub Total</b>	<b>26.501</b>	<b>3.434</b>	<b>0.280</b>	<b>32.215</b>	<b>9.440</b>	<b>41.655</b>
13	Safety Zone i) Along the Lease boundary ii) Along the Revenue road	1.932	0.360	2.154	4.446	0.960	5.406
<b>Z</b>	<b>Sub Total</b>	<b>2.713</b>	<b>0.360</b>	<b>2.490</b>	<b>5.563</b>	<b>1.192</b>	<b>6.755</b>
<b>Grand Total (X + Y + Z)</b>		<b>76.666</b>	<b>3.794</b>	<b>45.941</b>	<b>126.401</b>	<b>12.764</b>	<b>139.165</b>

Abstract wise Proposed Land Use Pattern in Forest and Non-Forest Land of Total Lease Hold Area

Sl. No.	Particulars	Category wise Forest Land in ha.			Total Forest in ha.	Non-Forest Land in ha.	Grand Total in ha.
		PRF	VF	DLC			
1	Mining	45.452	0	43.171	88.623	2.132	90.755
2	Waste Dump with environmental Safeguard	7.921	0.669	0	8.590	0	8.590
3	Mineral Processing	20.19	2.765	0.26	23.215	7.119	30.334
4	Office, Site service, Parking & Admin. Building	0	0	0	0	1.703	1.703
5	Internal Road for Exploration, Dump yard etc.	0.352	0	0	0.352	0	0.352
6	Revenue Road	0	0	0	0	0.598	0.598
7	Magazine	0.038	0	0	0.038	0	0.038
8	Road for In & Out in SZ area	0	0	0.020	0.020	0.020	0.040
9	Safety Zone along the Lease boundary and Revenue Road	2.713	0.360	2.490	5.563	1.192	6.755
<b>Total</b>		<b>76.666</b>	<b>3.794</b>	<b>45.941</b>	<b>126.401</b>	<b>12.764</b>	<b>139.165</b>

Legend

- ML Pillars
  - ▭ ML Boundary
  - ▭ Village Boundary
  - ▭ Safety Zone along ML Boundary & Revenue Road
  - ▭ Mendameruni PRF
  - ▭ Village Forest
  - ▭ DLC Forest
  - ▭ Non-Forest
  - ▭ Revenue Road
- Proposed Land Use**
- ▭ Mining along with Haul Road, conveyor Line with Steel Structure
  - ▭ Mineral Processing and ancillary activities
  - ▭ Office, Site service, Admin Building & Others
  - ▭ Waste Dump with environment Safeguard
  - ▭ Magazine
  - ▭ In & Out Road in Safety Zone

ESSAR STEEL INDIA LIMITED  
Authorised Signatory  
ESSAR STEEL INDIA LTD.

Senior Surveyor  
Koirā

Deputy Director of  
Koirā, Dist. Sundargarh

Revenue Inspector  
Koirā

Koirā

RANGE OFFICER  
KOIRA FOREST RANGE