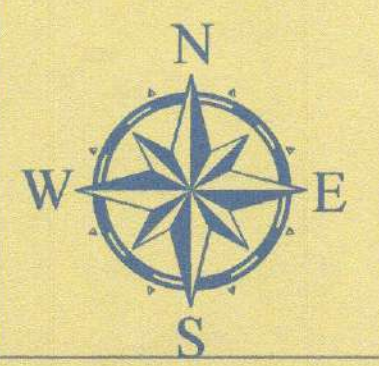


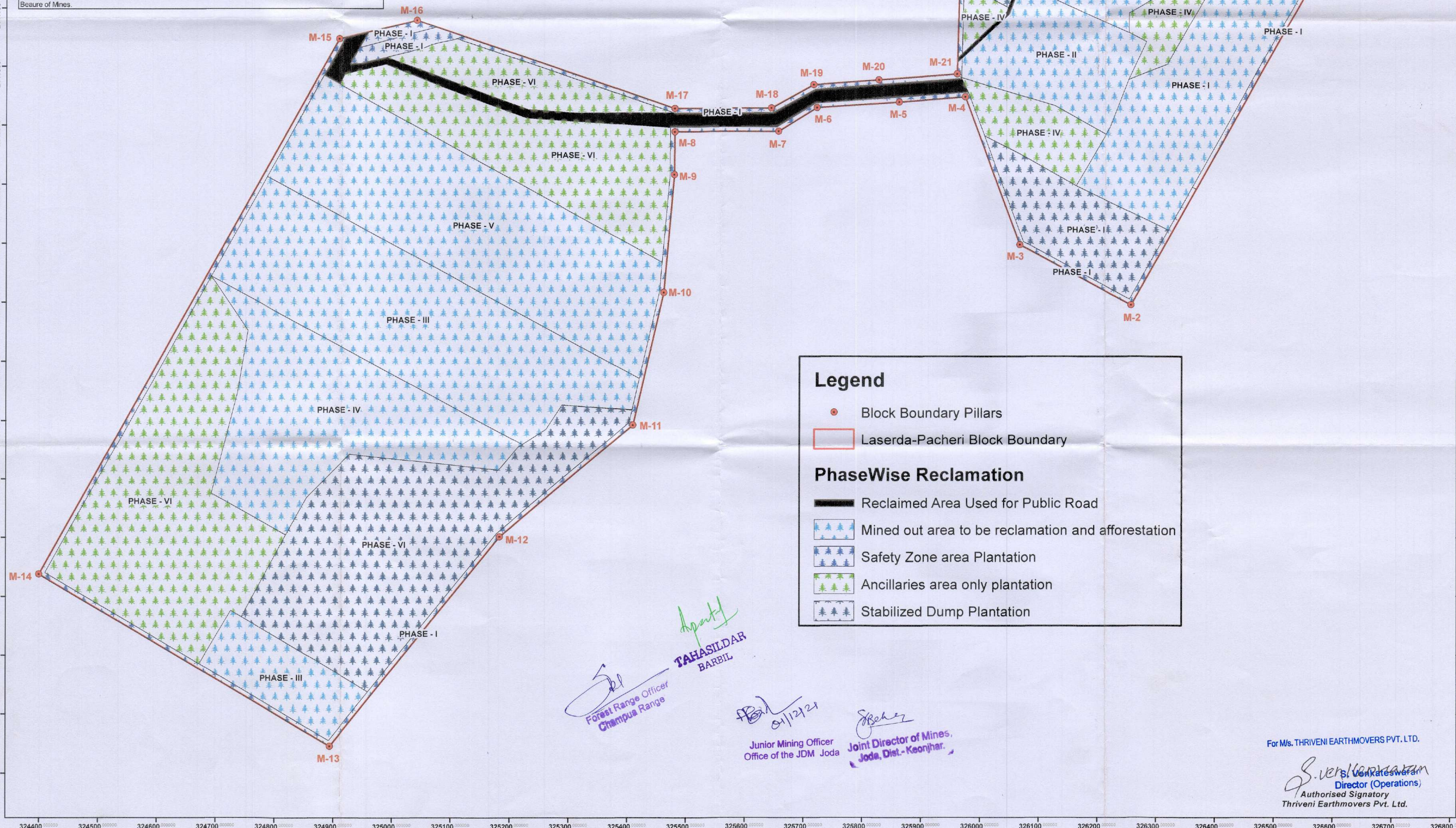
PHASE WISE RECLAMATION PLAN OF LASERDA-PACHRI MANGANESE & IRON BLOCK
OVER AN AREA OF 131.800 HA. IN VILLAGES DHANURJOYPUR, KANRDA & LASERDA UNDER BARBIL TAHASIL OF
KEONJHAR DISTRICT, ODISHA IN FAVOUR OF M/S THRIVENI EARTHMOVERS PVT. LTD.
SCALE - 1:4000



YEAR WISE RECLAMATION & PLANTATION PROGRAMME

Phase	Year	Safety Zone area Plantation	Ancillaries area only plantation (ha)	Mined out area to be reclamation and afforestation (ha)	Stabilized Dump Plantation in (ha)	Total Area in Ha.	No of seedlings to be planted	Remarks
I	1 st to 10 th year of mine operation	6.114	Nil	8.572	5.905	20.591	18523	Gap / Dump Plantation @ 400 seedling per ha.
II	15 th to 20 th year of mine operation	Nil	Nil	13.451	Nil	13.451	21521.6	
III	20 th to 25 th year of mine operation	Nil	Nil	23.055	Nil	23.055	36888	
IV	25 th to 30 th year of mine operation	Nil	5.718	17.543	Nil	23.261	37217.6	Afforestation in Mine out/ Ancillaries Area @ 1600 seedling per ha
V	30 th to 35 th year of mine operation	Nil	Nil	13.377	Nil	13.377	214032	
VI	35 th to 40 th year of mine operation	Nil	21.695	Nil	12.767	34.462	39819	
Total		6.114	27.413	75.998	18.672	128.197	368001	

Note : The above Phase wise Reclamation and Rehabilitation proposal is tentative as per the present exploration. It may change as per the details exploration carried out during the Mining operation. The Reclamation and Rehabilitation will be carried out as per the Progressive Mine closure/ final Mine Closer Plan Approved by Indian Bureau of Mines.



Legend

- Block Boundary Pillars
- ▭ Laserda-Pacheri Block Boundary

PhaseWise Reclamation

- ▬ Reclaimed Area Used for Public Road
- ▭ Mined out area to be reclamation and afforestation
- ▭ Safety Zone area Plantation
- ▭ Ancillaries area only plantation
- ▭ Stabilized Dump Plantation

Signature
TAHASILDAR
BARBIL

Signature
Forest Range Officer
Champua Range

Signature
Junior Mining Officer
Office of the JDM Joda

Signature
Joint Director of Mines,
Joda, Dist.- Keonjhar.

For M/s. THRIVENI EARTHMOVERS PVT. LTD.

Signature
Director (Operations)
Thrivani Earthmovers Pvt. Ltd.