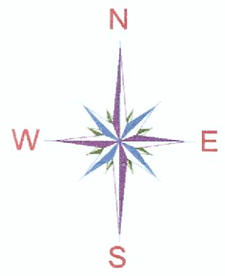

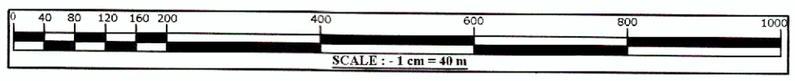

EXISTING LAND USE	Area in Ha
MINING	2.95
WASTE DUMP	2.04
MINERAL STOCK	0.67
ROADS	0.44
SAFETY ZONE	1.54
AREA UNTOUCHED	14.81
TOTAL	22.45

PLAN PERIOD LAND USE	Area in Ha
EXISTING , PROPOSED MINING & BACKFILLING	8.90
WASTE DUMP	2.04
MINERAL STOCK	0.70
MOBILE CRUSHER & WEIGH BRIDGE	0.40
ROADS	0.50
SAFETY ZONE	1.54
IN FRASTRUCTURE	0.02
AREA UNTOUCHED	08.35
TOTAL	22.45

CONCEPTUAL LAND USE	Area in Ha
MINING & MINED OUT AREA BACKFIILED / TO BE BACKFILLED	14.20
MINERAL STOCK	0.70
MOBILE CRUSHER & WEIGH BRIDGE	0.40
ROADS	0.50
SAFETY ZONE	1.54
IN FRASTRUCTURE	0.02
AREA UNTOUCHED	05.09
TOTAL	22.45

RECLAMATION	PLANTATION
AFFORESTATION/GRASSING	
Nil	
REMOVAL & REGRASIFICATION	
Nil	
AFFORESTATION	
REMOVAL & REGRASIFICATION	

Note:- Part of the Mining Area will get exhausted of Mineral resources at the end of conceptual period (05.07.2030), Hence reclamation is proposed for only Mineral exhausted area , Existing infrastructure , Mineral processing plant will be dismantled at the conceptual stage and regrassification will be done.
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GENERAL INDEX

- M.L.BOUNDARY
- SAFETY ZONE
- MINE WORKINGS
- ROAD
- CONTOURS
- BENCH MARK
- SPOT R.L
- UTM GRIDS
- WASTE DUMP
- MINERAL STOCKS
- SEASONAL NALLAH
- EXCESS AREA

For M/s Marwa Mining Company

Authorised Signatory

PROPOSED BIO-ENGENEERING MEASURES
TOE WALL (TW)
GARLAND DRAIN (GD)
GABION CHECK DAM (GCD)
STONE MASONRY CHECK DAM (SMCD)
LOOSE BOULDER CHECK DAM (LBCD)
PROPOSED FENCING

PLATE NO :- IXA

TITLE	CONCEPTUAL PLAN
PROJECT	REVIEW & UPDATION OF MINING PLAN INCLUDING PROGRESSIVE MINE CLOSURE PLAN OF JIGINIHALLI MANGANESE MINE PLAN PERIOD : 2020-21 TO 2024-25
LESSEE	M/s. MARWA MINING COMPANY
EXTENT	AREA AS PER LEASE DEED 22.45 HA. AREA
ML No: 2482	SCALE :- 1:4000 Dt of Survey : 15.02.2022 to 21.02.2022
LOCATION	SY.NO. 1A/1 JIGINIHALLI VILLAGE, SANDUR TALUQ, BALLARI DIST, KARNATAKA.

This is certified that, this plan is correct to the best of our knowledge
The plan is prepared based on the Lease map authenticated by the State Government

SITARAM KEMMANNU
(QUALIFIED PERSON)