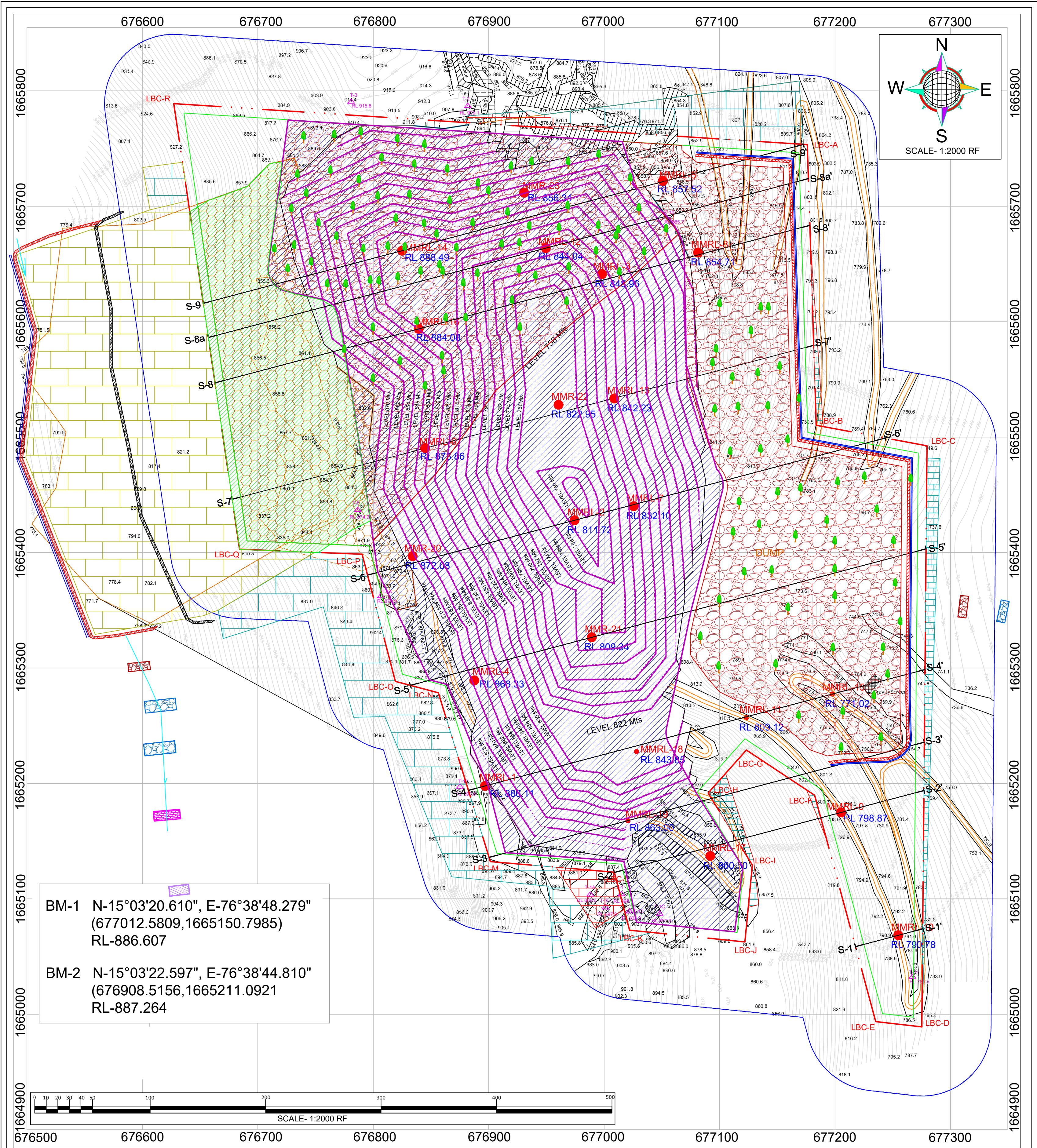




EXISTING LAND USE PATTERN		LAND USE AT THE END OF PLAN PERIOD		CONCEPTUAL LAND USE PLAN	
Land Use Pattern	Area in Ha.	Land Use Pattern	Area in Ha.	Land Use Pattern	Measures for Rehabilitation
Mining	14.66	Mining	15.88	Mining	Bench Plantation
Dumping with in the M.L.area	4.14	Dumping with in the M.L.area	10.49	Dumping and Backfilling with in the M.L.area	Plantation
Mineral storage	1.30	Mineral storage	1.30	Mineral storage	Plantation
Infrastructure(cursing plant workshop,Adm.Building,etc)	0.00	Infrastructure/mobile cursing plant workshop,Adm.Building,etc)	0.50	Infrastructure(cursing plant workshop,Adm.Building,etc)	Will remain for watch & ward &plants will be dismantled
Road	0.50	Road	0.50	Road	Avenue Plantation
Green Belt / Safety Zone (Broken up area - 0.10 Ha.)	2.22	Green Belt / Safety Zone (Broken up area - 0.10 Ha.)	2.22	Green Belt / Safety Zone (Broken up area - 0.10 Ha.)	Plantation
		AREA UNDER ENVIRONMENTAL PROTECTION (RETAINING WALL, TOE WALL, GULLY CHECKS, SILT SETTLING TANKS, CHECK DAMS)	0.30	AREA UNDER ENVIRONMENTAL PROTECTION (RETAINING WALL, TOE WALL, GULLY CHECKS, SILT SETTLING TANKS, CHECK DAMS)	Will remain as it is
Others (Untouched area)	10.07	Others (Untouched area)	1.70	Others (Untouched area)	Gap filling Plantation
Total Area	32.89	Total Area	32.89	Total Area	32.89

AREA UNDER ENCROACHMENT		
ID	DESCRIPTION	AREA
1	MINING PIT	0.27 Ha
2	OVER BURDEN DUMPS	5.44 Ha
3	OTHERS	3.30 Ha
4	TOTAL	9.01 Ha

INDEX of ENGINEERING MEASURES

	Toe wall
	Garland drain
	Stone Masonry check dam
	Loose Boulder checkdam
	Gabbion checkdam
	Silt Settling Tank
	Hume Pipe Culvert

I N D E X	
PARTICULARS	
	ML BOUNDARY AS PER CEC
	7.5 M SAFETY ZONE
	MINE WORKINGS
	OVER BURDEN DUMPS
	ENCROACHMENT DUMP
	ROADS
	CONTOURS
	SPOT RL
	UTM GRID
	NALLAH
	AREA UNDER ENCROACHMENT
	MINING PIT
	BOUNDARY POINTS
	OTHERS
	Borehole Drilled by M.E.C.L. (Core-Drilling) With Reduced Level (m)
	Borehole Drilled by M.E.C.L. (RC-Drilling) With Reduced Level (m)

CONCEPTUAL LAND USE PLAN

LESSEE	M/s. J.S.W STEEL LTD.	
MINE	UBBALAGUNDI IRON ORE MINE	M.L. NO. 995
M.L. AREA AS PER CEC SKETCH - 32.89 Ha.		SCALE: 1:2000 RF
LOI NO: DMG/MLS/AUC/C-995/2018-19 DATED 06.10.2018		
"This is to certify that the plan is drawn based on the lease sketch authenticated by the state DMG and certified to be correct".		
B.P.PANDEY QUALIFIED PERSON		