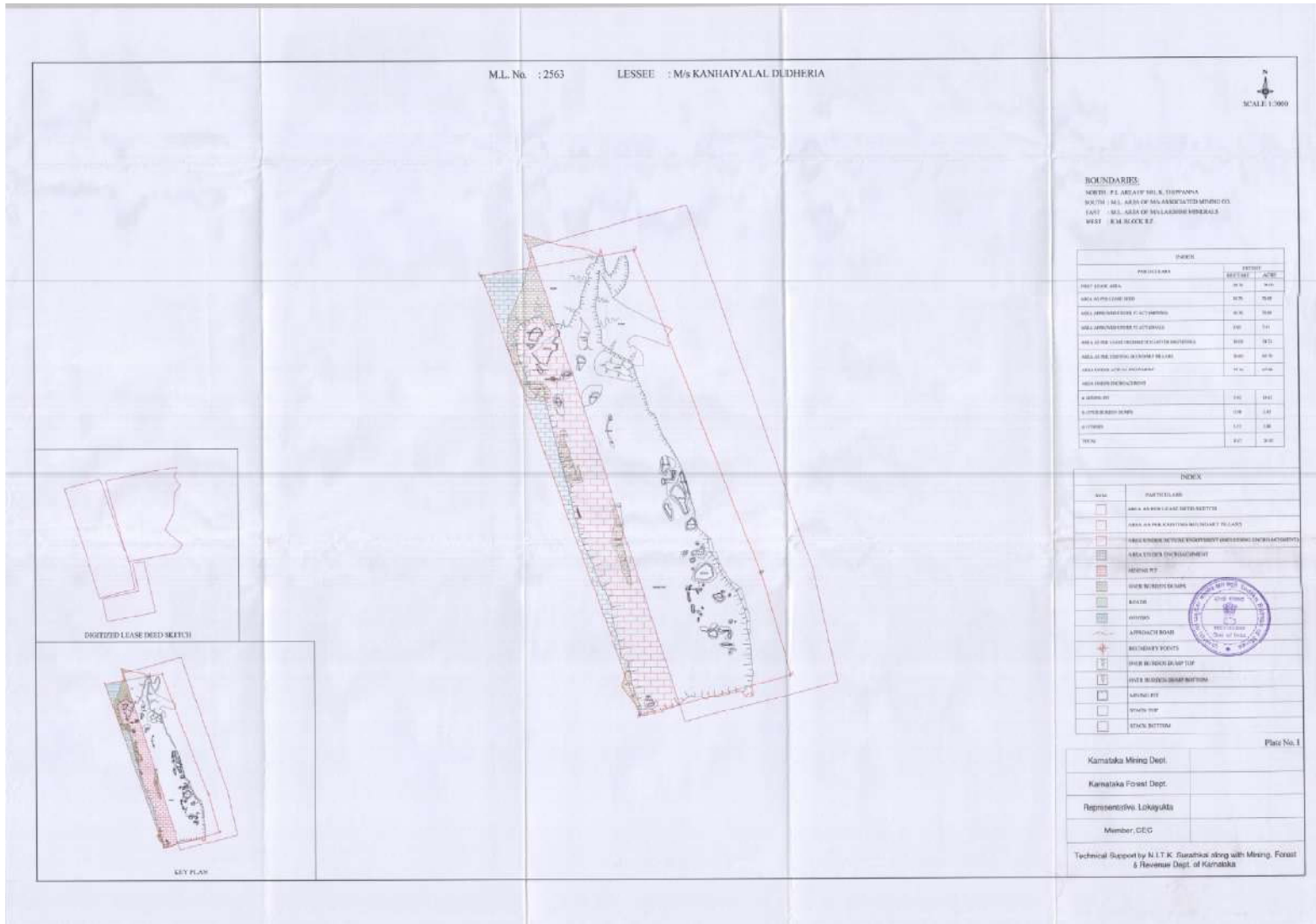
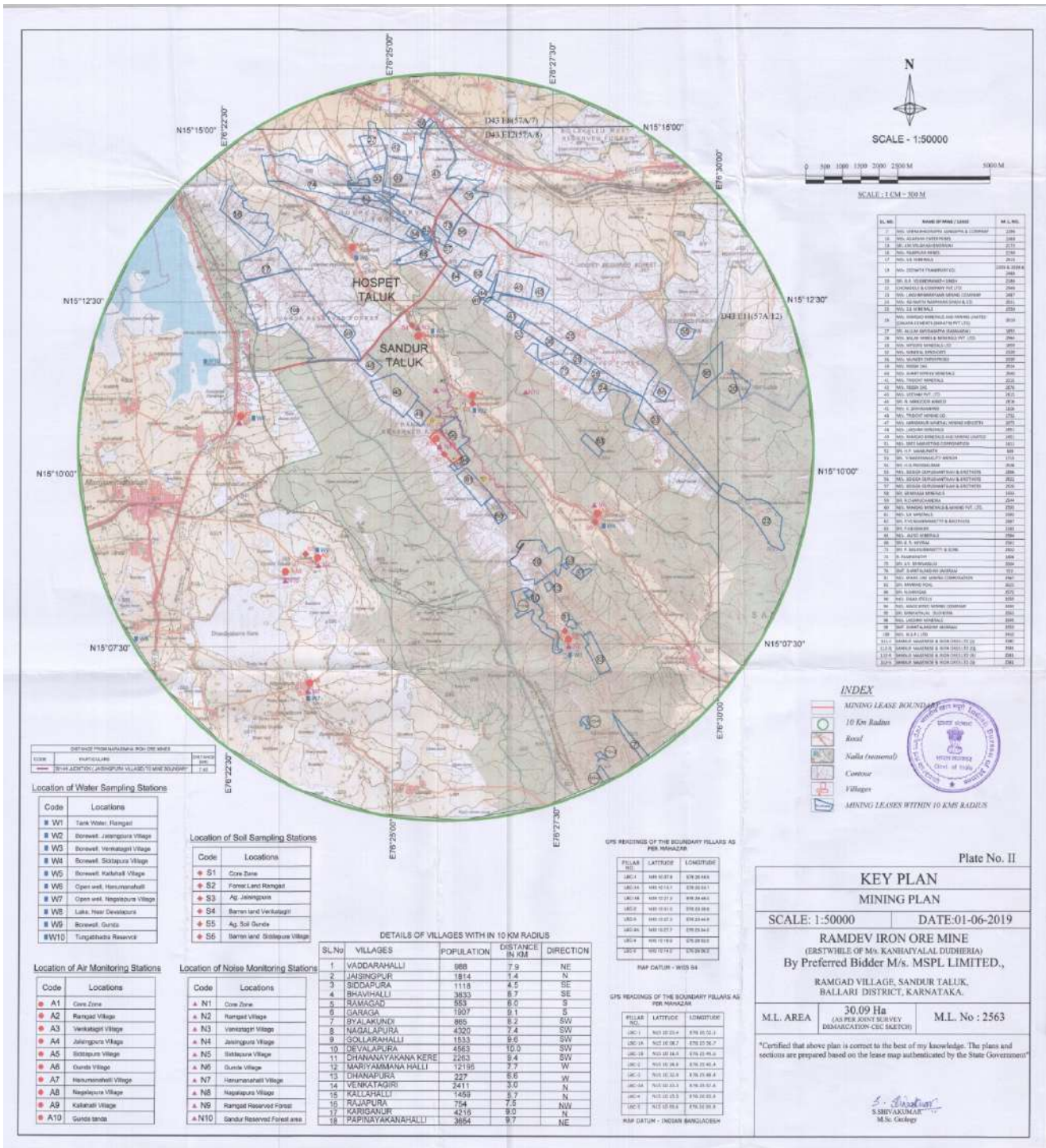


# CEC SKETCH



# KEY PLAN

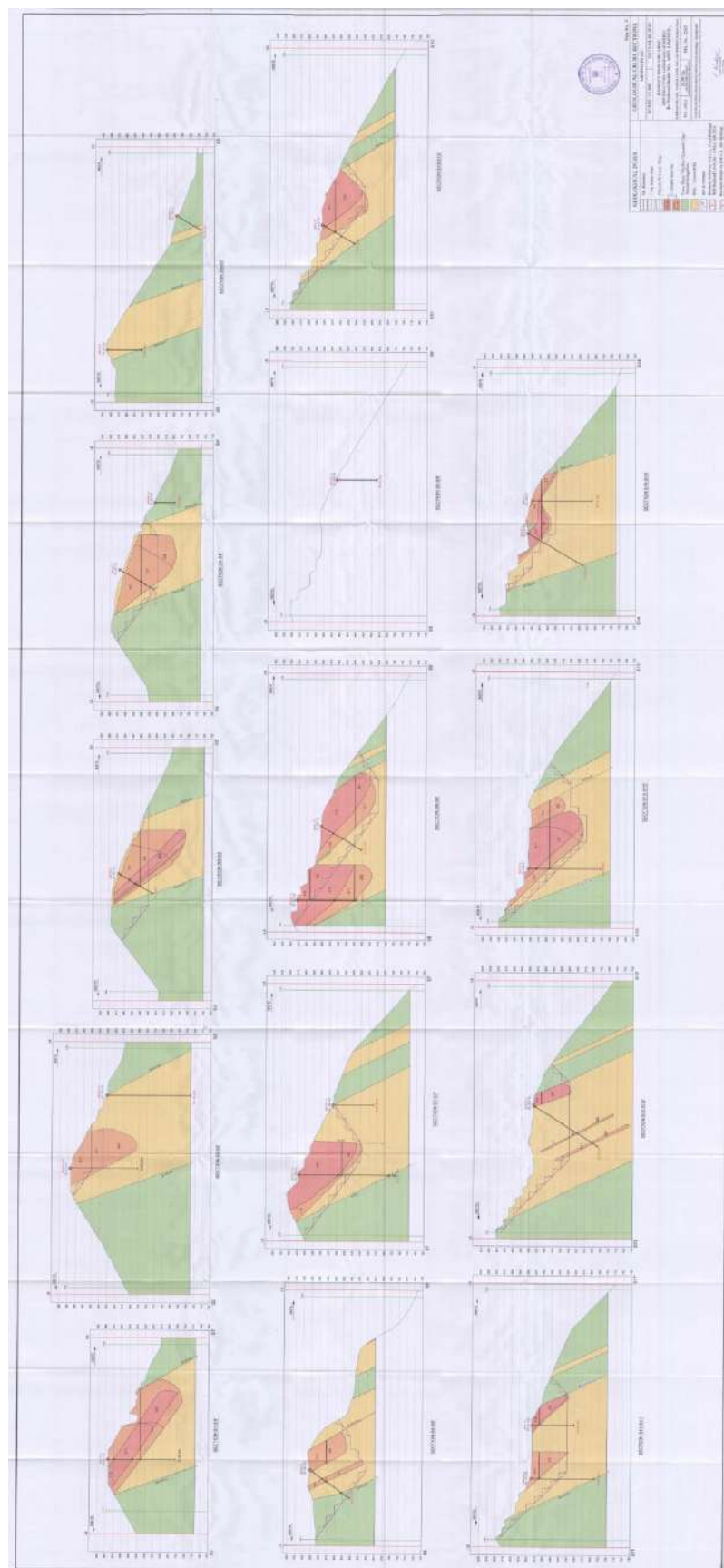




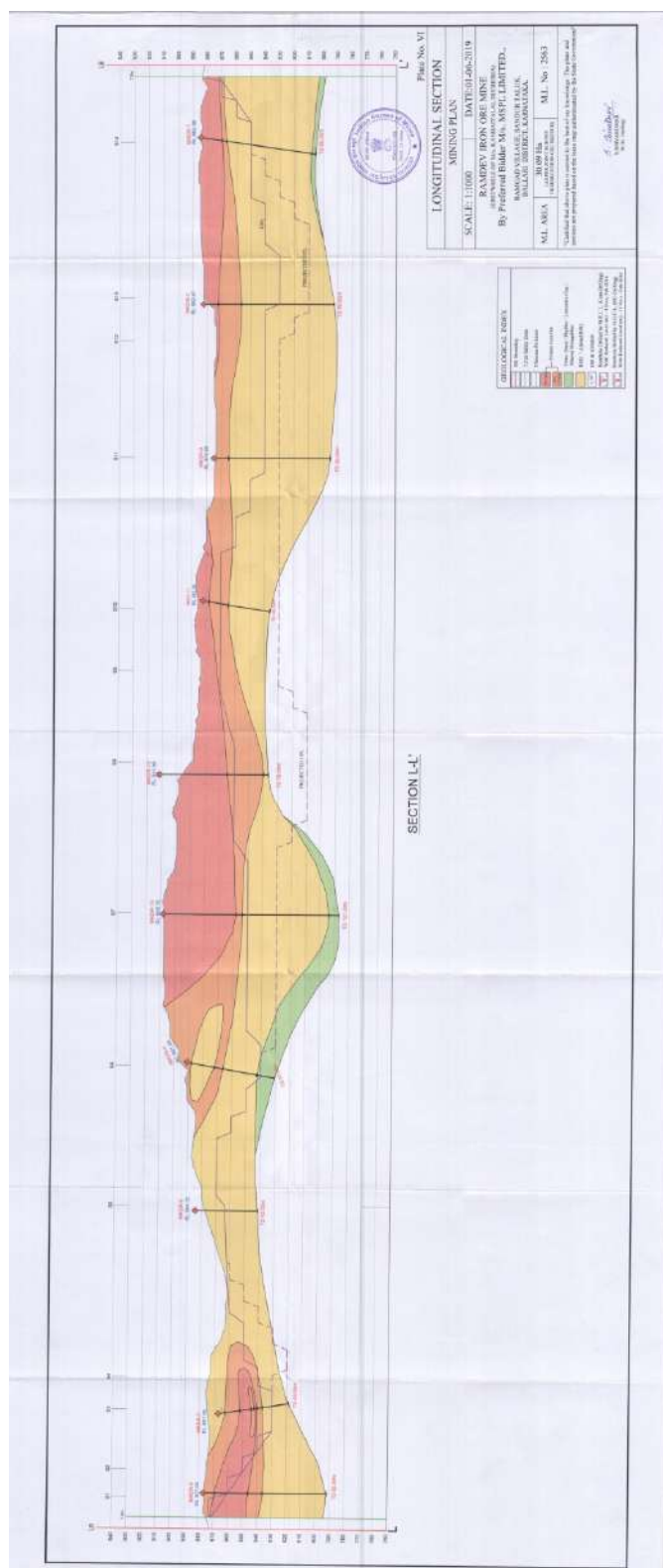


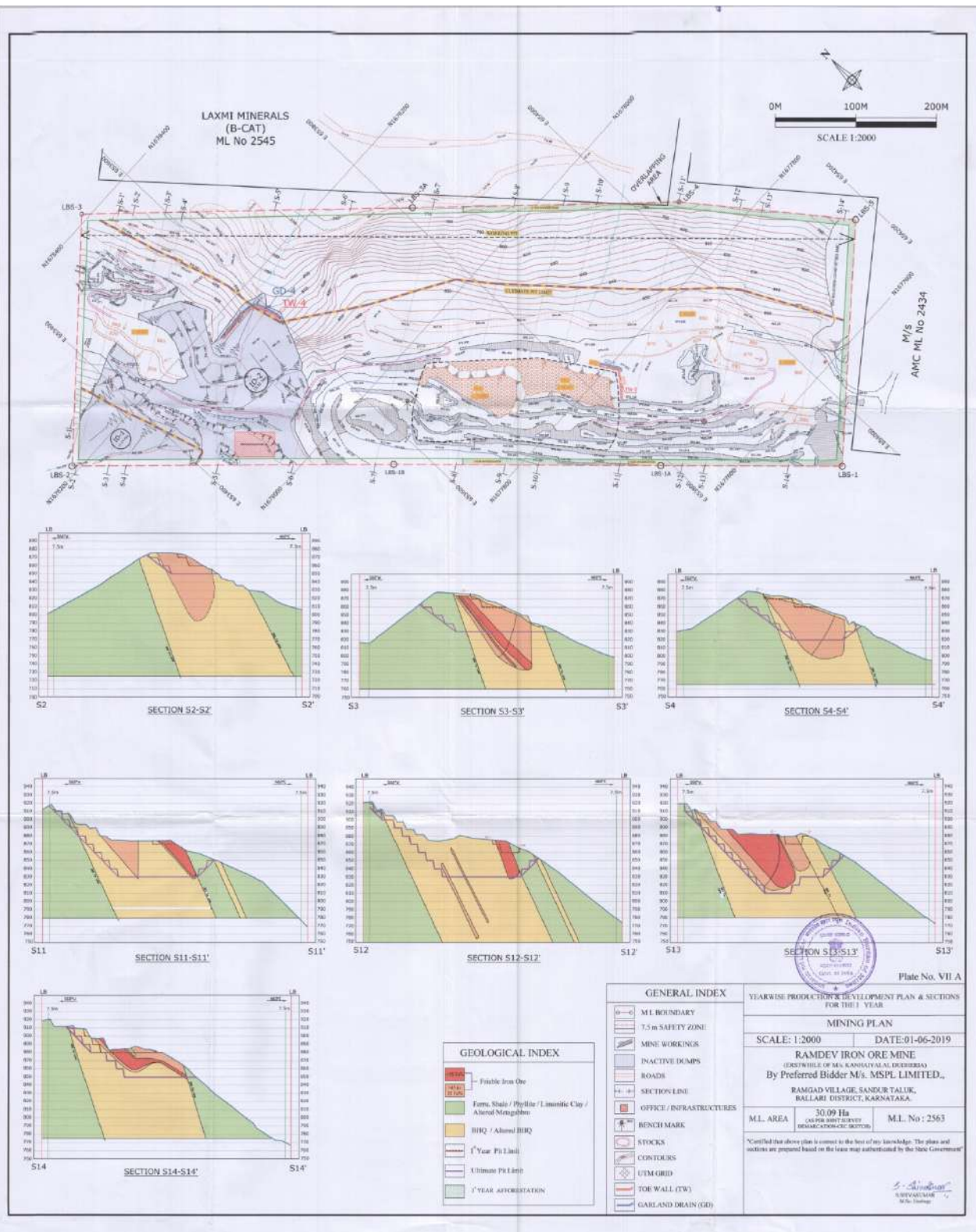


GEOLOGICAL PLAN

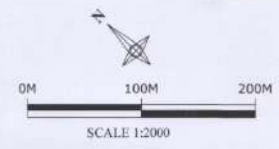






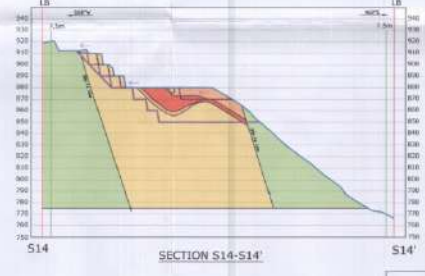
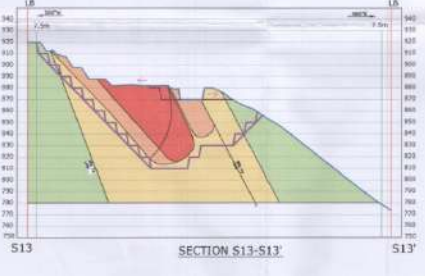
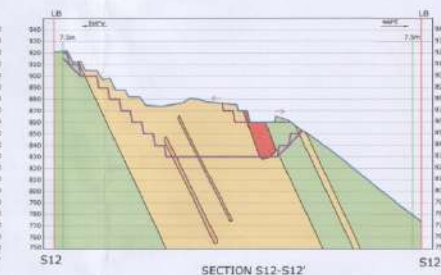
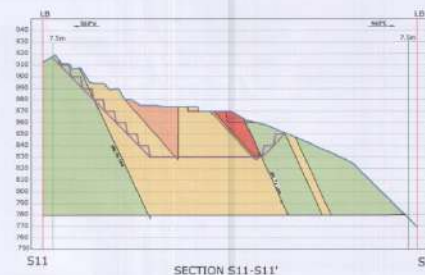
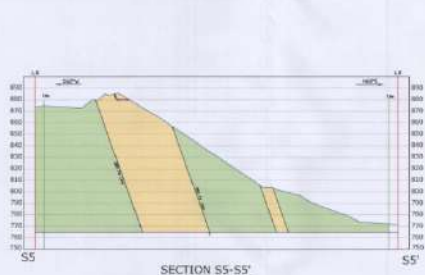
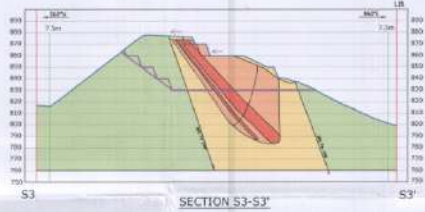
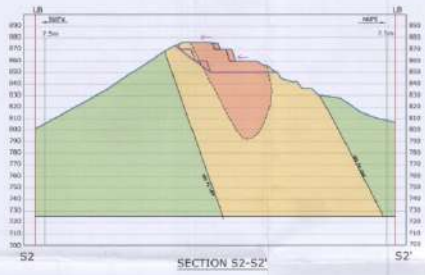
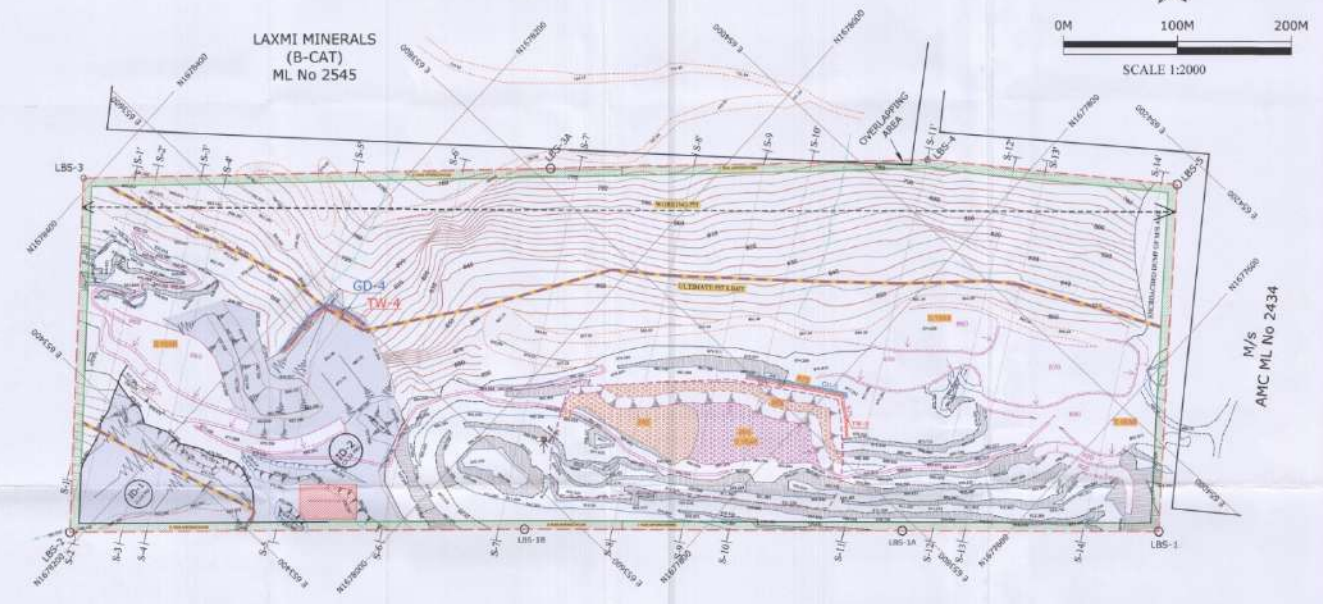






LAXMI MINERALS  
(B-CAT)  
ML No 2545

M/S  
AMC ML No 2434



GEOLOGICAL INDEX	
	Fractured Iron Ore
	Fertile Shale / Phyllite / Limestone Clay / Altered Metagabbro
	BBQ / Altered BBQ
	10 <sup>th</sup> Year Pit Limit
	Ultimate Pit Limit
	10 <sup>th</sup> Year Afforestation

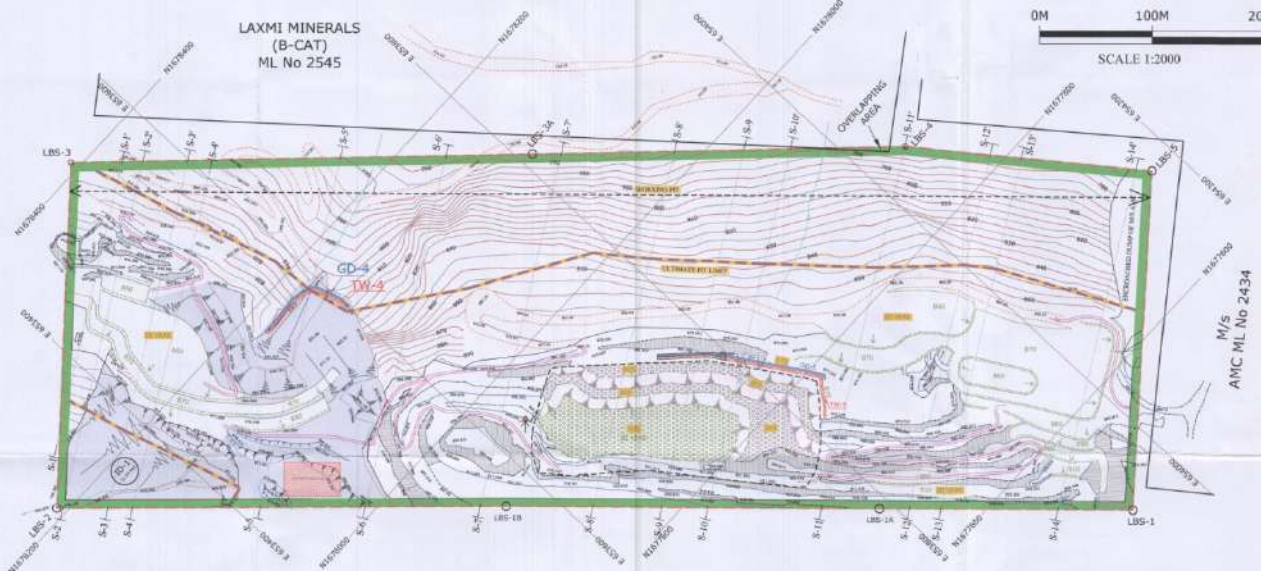
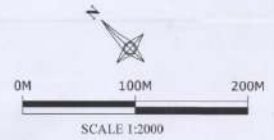
GENERAL INDEX	
	M.L. BOUNDARY
	7.5 m SAFETY ZONE
	MINE WORKINGS
	INACTIVE DUMPS
	ROADS
	SECTION LINE
	OFFICE / INFRASTRUCTURES
	BENCH MARK
	STOCKS
	CONTOURS
	UTM GRID
	TOE WALL (TW)
	GARLAND DRAIN (GD)

YEARWISE PRODUCTION & DEVELOPMENT PLAN & SECTIONS FOR THE II <sup>nd</sup> YEAR	
MINING PLAN	
SCALE: 1:2000	DATE: 01-06-2019
RAMDEV IRON ORE MINE (JERSTWILE OF M/s. KANSHIYALAL DUDHERIA) By Preferred Bidder M/s. MSPL LIMITED, RAMGAD VILLAGE, SANDUR TALUK, BALLARI DISTRICT, KARNATAKA.	
M.L. AREA 30.09 Ha (AS PER GOVT. SURVEY DEPARTMENT/CERTIFICATE)	M.L. No : 2563
*Certified that above plan is correct to the best of my knowledge. The plans and sections are prepared based on the latest map authorized by the State Government	
 S. Srinivasan M.E. Geology	

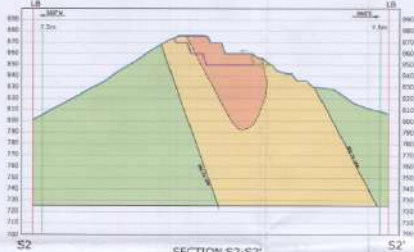
Plate No. VII B



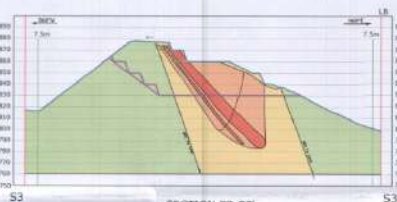
LAXMI MINERALS  
(B-CAT)  
ML No 2545



M/S  
AMC ML No 2434



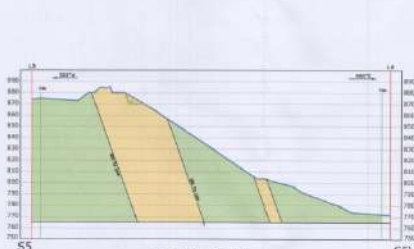
SECTION S2-S2'



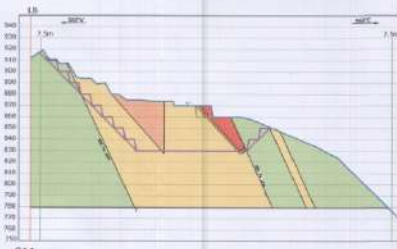
SECTION S3-S3'



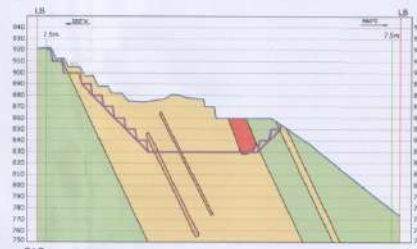
SECTION S4-S4'



SECTION S5-S5'



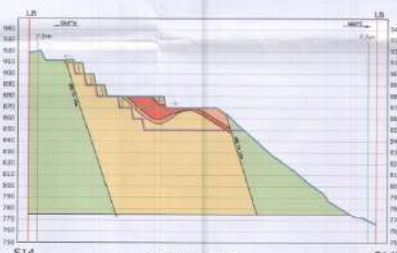
SECTION S11-S11'



SECTION S12-S12'

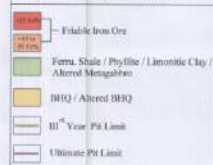


SECTION S13-S13'

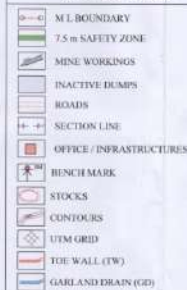


SECTION S14-S14'

#### GEOLOGICAL INDEX



#### GENERAL INDEX



#### YEARWISE PRODUCTION & DEVELOPMENT PLAN & SECTIONS FOR THE III YEAR

#### MINING PLAN

SCALE: 1:2000 DATE:01-06-2019

RAMDEV IRON ORE MINE

(RESERVE OF M/s. KANDIAVALAL DUDHERIA)

By Preferred Bidder M/s. MSPL LIMITED,

RAMGAD VILLAGE, SANDUR TALUK,

BALLARI DISTRICT, KARNATAKA.

M.L. AREA 30.09 Ha M.L. No : 2563

(AS PER SURVEY (DEMARCATION) OF M.S. SURVEY)

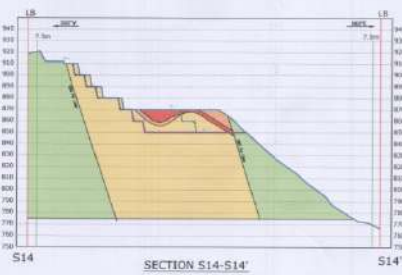
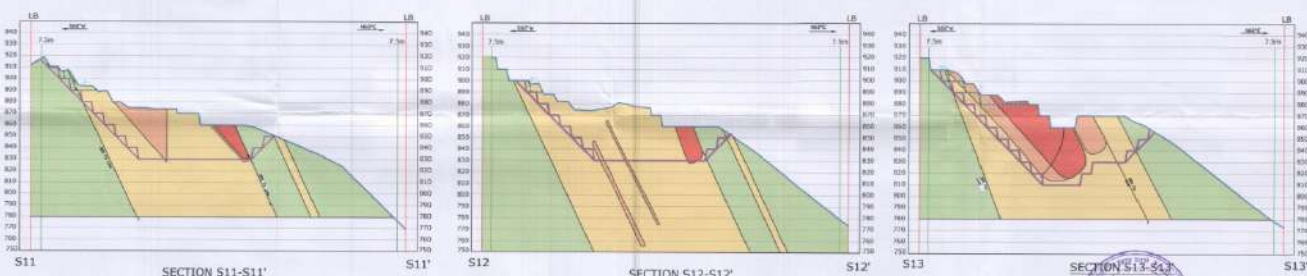
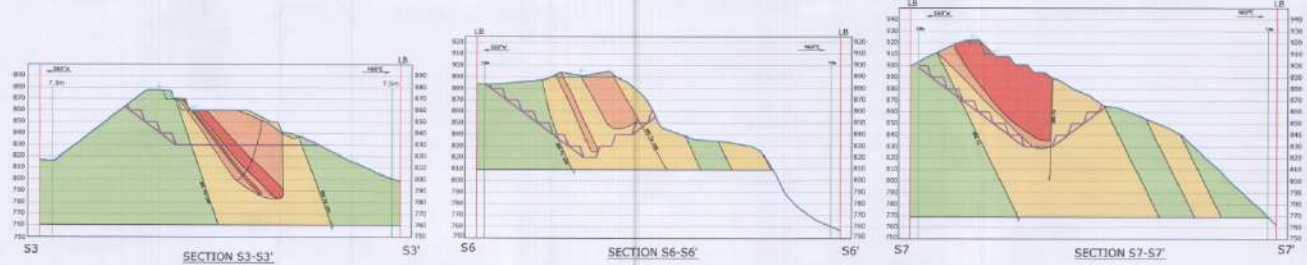
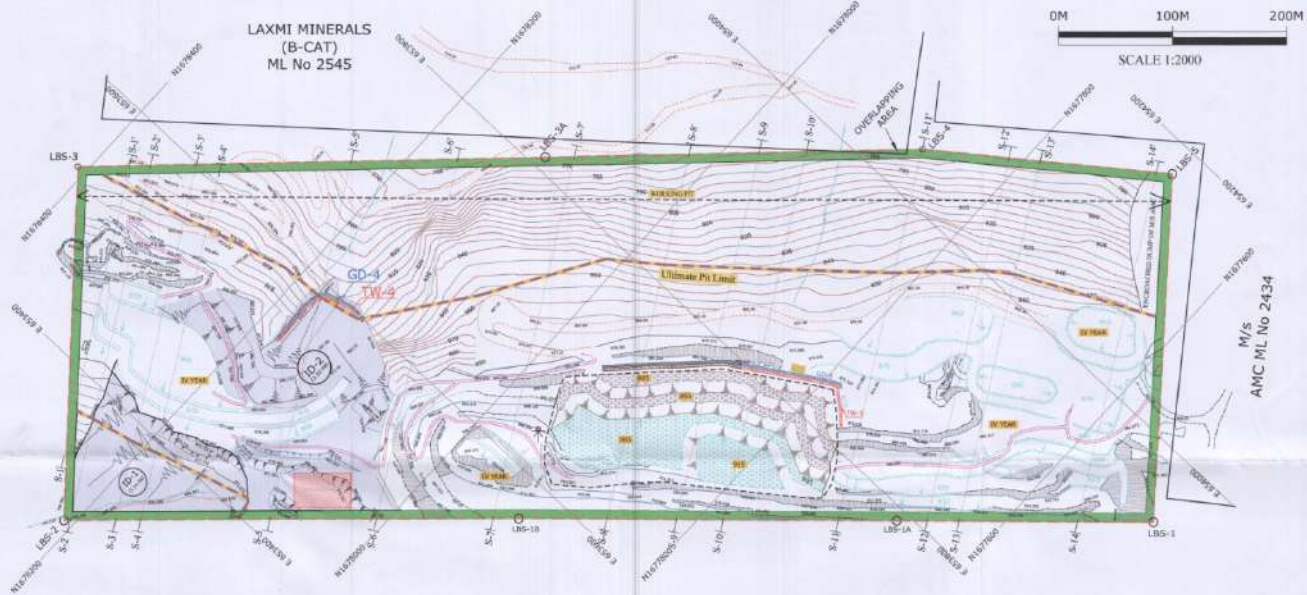
"Certified that above plan is correct to the best of my knowledge. The plan and sections are prepared based on the base map supplied by the State Government"

S. Anil Kumar

SURVEYOR (M.S.)

M.S. Geology

Plate No. VII C



**GEOLOGICAL INDEX**

	Probable Iron Ore
	Ferric Shale / Phylite / Limestone Clay / Altered Mnugabho
	BBQ / Altered BBQ
	IV <sup>th</sup> Year Pit Limit
	Ultimate Pit Limit

**GENERAL INDEX**

	M.L. BOUNDARY
	7.5 m SAFETY ZONE
	MINE WORKINGS
	INACTIVE DUMPS
	ROADS
	SECTION LINE
	OFFICE / INFRASTRUCTURES
	BENCH MARK
	STOCKS
	CONTOURS
	UTM GRID
	TOE WALL (TW)
	GARLAND DRAIN (GD)

Plate No. VII D

YEARWISE PRODUCTION & DEVELOPMENT PLAN & SECTIONS FOR THE IV<sup>th</sup> YEAR

**MINING PLAN**

SCALE: 1:2000 DATE: 01-06-2019

**RAMDEV IRON ORE MINE**  
(EXISTING OF M/S. KANSHIYALAL DHERRIA)

By Preferred Bidder M/s. MSPL LIMITED.,  
RAMGAD VILLAGE, SANDUR TALUK,  
BALLARI DISTRICT, KARNATAKA.

M.L. AREA 30.09 Ha  
(AS PER AERIAL SURVEY  
DEMARCATION SHEET)

M.L. No : 2563

\*Certified that above plan is correct to the best of my knowledge. The plans and sections are prepared based on the lease map authorized by the State Government\*

S. SIVAKUMAR  
M.S. Geology









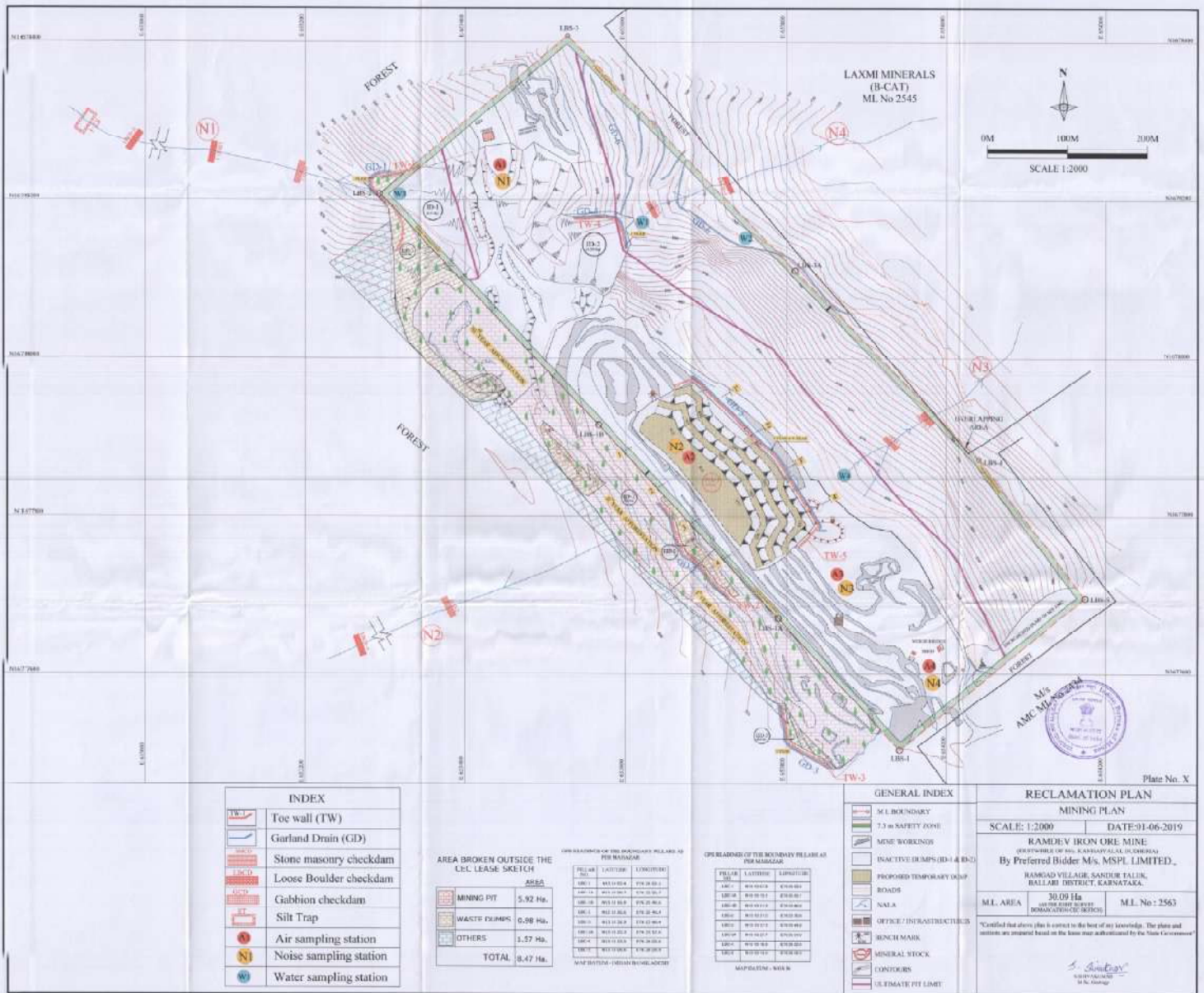
SECTION L-L'



Plate No. VIII

DETAILS OF LANDUSE (Ha)				
PARTICULARS	EXISTING	PLAN PERIOD	CONCEPTUAL	MODE OF REHABILITATION
AREA UNDER MINING	10.49	12.68	12.41	BENCH PLANTATION
WASTE DUMP				
INACTIVE DUMP ID-1 & ID-2	4.46	1.80	1.80	PLANTATION
PROPOSED TEMPORARY DUMP	0.00	2.50	0.00	
BACKFILLED AREA	0.00	0.00	6.00	PLANTATION
ROADS	1.31	0.70	1.05	AVENUE PLANTATION
INFRASTRUCTURE	0.15	0.15	0.00	
SAFETY ZONE / GREEN BELT	1.90	1.90	1.90	PLANTATION
ENCROCHED DUMP OF M/s. AMC	0.39	0.26	0.26	PLANTATION
UNUSED AREA	11.39	10.10	7.07	
<b>TOTAL</b>	<b>30.09</b>	<b>30.09</b>	<b>30.09</b>	

GENERAL INDEX		CONCEPTUAL PLAN & SECTION	
M1. BOUNDARY 7.5 m SAFETY ZONE MINE WORKINGS INACTIVE DUMPS ROADS SECTION LINE OFFICE / INFRASTRUCTURES BENCH PLANTATION BACKFILLING FOR CONCEPTUAL STOCKS CONTOURS UTM GRID		<b>MINING PLAN</b> <b>SCALE: 1:2000</b> <b>DATE: 01-06-2019</b> <b>RAMDEV IRON ORE MINE</b> (FIRST WHEEL OF M/s. KANHAYALAL DUDHERIA) By Preferred Bidder M/s. MSPL LIMITED., RAMGAD VILLAGE, SANDUR TALUK, BALLARI DISTRICT, KARNATAKA. <b>M.L. AREA</b> <b>30.09 Ha</b> <b>M.L. No : 2563</b> <small>(AS PER JOMT SURVEY DRAWING FOR CONCEPTUAL PLAN)</small>	
*Certified that above plan is correct to the best of my knowledge. The plan and sections are prepared based on the latest map authenticated by the State Government.		S. Srinivasan SURVEYOR M/s. MSPL	





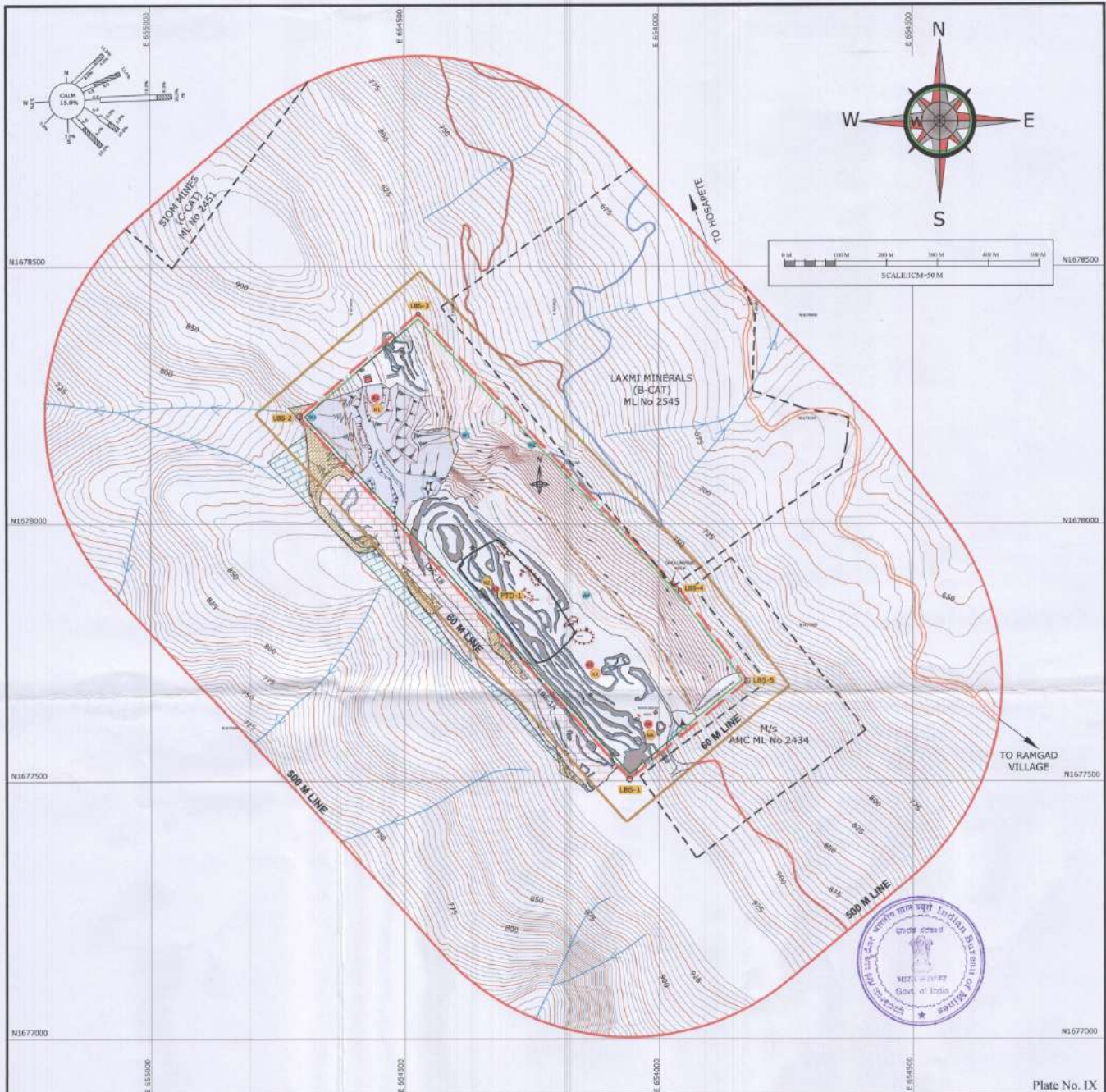


Plate No. IX

AREA BROKEN OUTSIDE THE  
CEC LEASE SKETCH

	AREA
Mining Pit	5.92 Ha.
Waste Dumps	0.98 Ha.
Others	1.57 Ha.
<b>TOTAL</b>	<b>8.47 Ha.</b>

GENERAL INDEX

M.L. BOUNDARY	60 m LINE
7.5 m SAFETY ZONE	500 m LINE
MINE WORKINGS	NALLA
INACTIVE DUMPS	AIR SAMPLING STATION
ROADS	NOISE SAMPLING STATION
OFFICE / INFRASTRUCTURES	WATER SAMPLING STATION
BENCH MARK	
MINERAL STOCK	
CONTOURS	
UTM GRID	
ULTIMATE PIT LIMIT	

ENVIRONMENT PLAN

MINING PLAN

SCALE: 1:5000 DATE: 01-06-2019

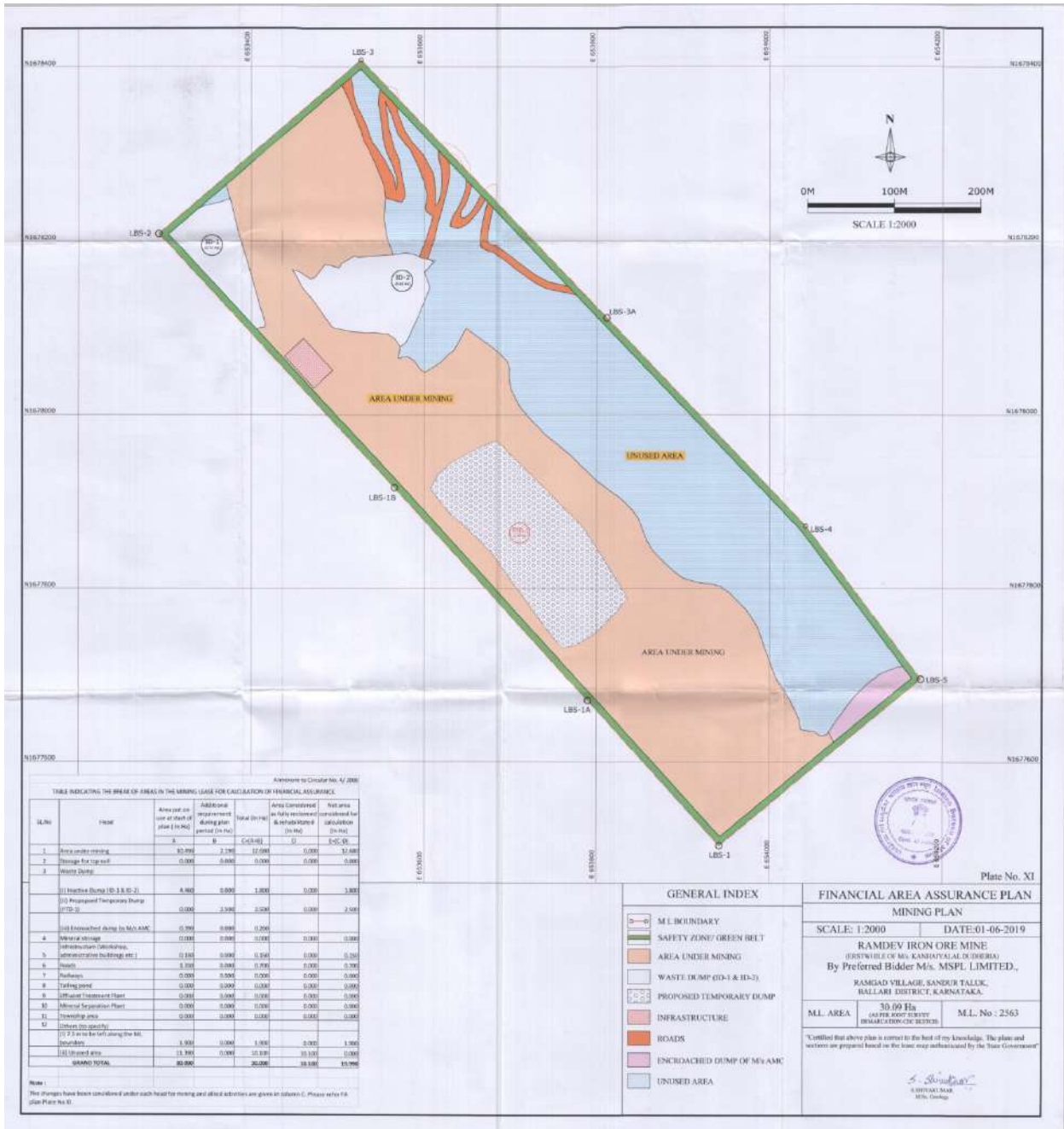
**RAMDEV IRON ORE MINE**  
(FIRSTWILE OF M/s. KANHAYALAL DUDHERIA)  
**By Preferred Bidder M/s. MSPL LIMITED.,**  
RAMGAD VILLAGE, SANDUR TALUK,  
BALLARI DISTRICT, KARNATAKA.

M.L. AREA **30.09 Ha** M.L. No : 2563  
(AS PER JOINT SURVEY  
DEMARCATION-CEC, REC-06)

"Certified that above plan is correct to the best of my knowledge. The plans and sections are prepared based on the lease map authenticated by the State Government"

*S. Shivakumar*  
S. SHIVAKUMAR  
M. Sc. Geology





Annexure to Circular No. 4/2000

TABLE INDICATING THE BREAK UP AREAS IN THE MINING LEASE FOR CALCULATION OF FINANCIAL ASSURANCE.

SL.No	ITEM	Area not considered at start of plan (In Ha)		Additional improvement during plan period (In Ha)	Area Constructed as fully enclosed & infrastructure (In Ha)	Net area considered for calculation (In Ha)
		A	B			C=A-B
1	Area under mining	82.096	2.735	0.000	0.000	79.361
2	Storage for top soil	0.000	0.000	0.000	0.000	0.000
3	Access Drift					
	(i) Inactive Drift (D-1 & D-2)	4.460	0.000	1.000	0.000	3.460
	(ii) Proposed Temporary Dump (D-3)	0.000	2.735	0.000	0.000	2.735
	(iii) Encroached during In MVA MC	0.000	0.000	0.000	0.000	0.000
4	Mineral storage	0.000	0.000	0.000	0.000	0.000
5	Infrastructure (Shed, workshop, administrative building, etc.)	0.000	0.000	0.000	0.000	0.000
6	Access	0.000	0.000	0.000	0.000	0.000
7	Roadways	0.000	0.000	0.000	0.000	0.000
8	Working pond	0.000	0.000	0.000	0.000	0.000
9	Effluent Treatment Plant	0.000	0.000	0.000	0.000	0.000
10	Mineral Separation Plant	0.000	0.000	0.000	0.000	0.000
11	Processing area	0.000	0.000	0.000	0.000	0.000
12	Other (as specified)					
	(i) 7.73 area left along the M.L. boundary	1.935	0.000	1.935	0.000	1.935
	(ii) Un-mined area	1.935	0.000	0.000	0.000	1.935
	<b>GRAND TOTAL</b>	<b>88.496</b>	<b>2.735</b>	<b>2.935</b>	<b>0.000</b>	<b>87.726</b>

Note 1:  
The changes have been considered under each head for mining and allied activities are given in column C. Please refer to B (Plan Plate No. 10).

- GENERAL INDEX
- M.L. BOUNDARY
  - SAFETY ZONE/ GREEN BELT
  - AREA UNDER MINING
  - WASTE DUMP (D-1 & D-2)
  - PROPOSED TEMPORARY DUMP
  - INFRASTRUCTURE
  - ROADS
  - ENCROACHED DUMP OF MVA MC
  - UNUSED AREA

Plate No. XI

FINANCIAL AREA ASSURANCE PLAN	
MINING PLAN	
SCALE: 1:2000	DATE: 01-06-2019
<b>RAMDEV IRON ORE MINE</b> (FIRST WHEEL OF MR. KARNATAKALAKSHI)	
By Preferred Bidder M/s. MSPL LIMITED, RAMGAD VILLAGE, SANDUR TALUK, BALLARI DISTRICT, KARNATAKA.	
M.L. AREA	30.09 Ha
	LAKE FOR RIVER CATCHMENT
	DEMAND: 10000000000
M.L. No : 2563	

"Certified that above plan is correct to the best of my knowledge. The plan and sections are prepared based on the latest map authorized by the State Government"

*S. Srinivas*  
S. Srinivas  
M.S. Geology