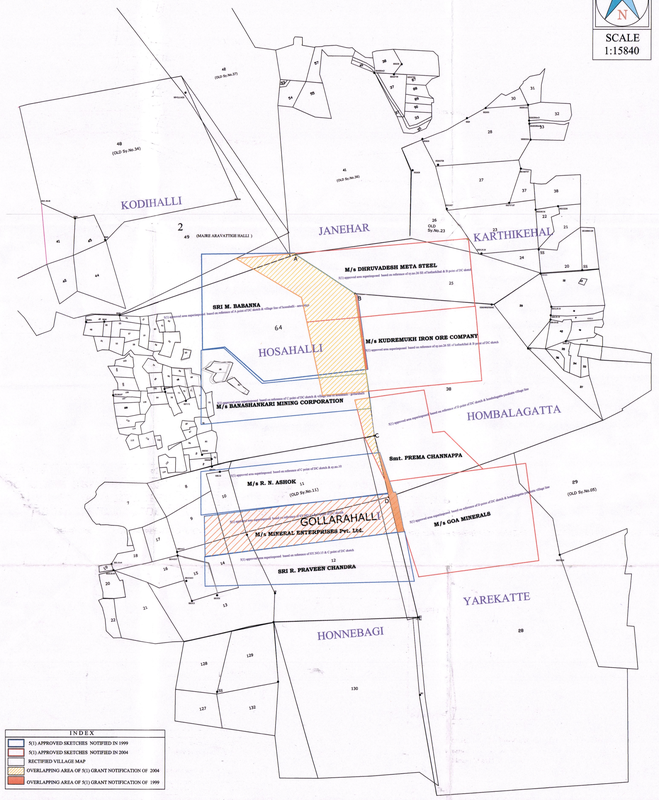
THE SKETCH SHOWING JOINT SURVEY AND DEMARCATION OF M/s MINERAL ENTERPRISES LTD FOR IRON ORE & MANGANESE ORE MINING, OVER AN EXTENT OF 37.45 HA. (92.54 ACRES) IN SURVEY NO 11 & 12 OF GOLLARAHALLI VILLAGE, CHIKKANAYAKANA HALLI TALUK, TUMAKURU DISTRICT BY USING TOTAL STATION & DGPS INSTRUMENTS

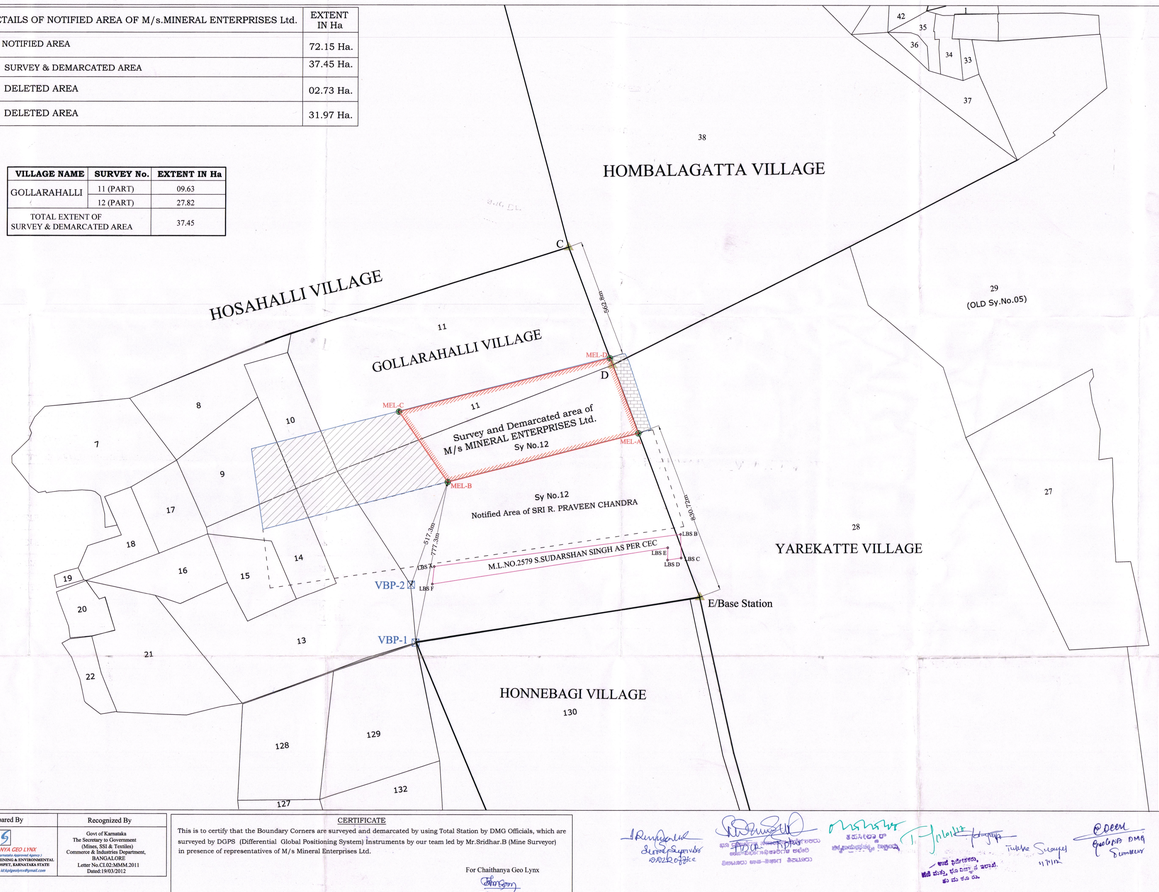
COMBINED ORIENTATION SKETCH (TYPE-2) SHOWING THE MINING BLOCKS (5(1) APPROVED SKETCHES) PLOTTED ON THE RECTIFIED VILLAGE MAP OF DC TUMAKURU AS PER THE ORDERS OF HON'BLE HIGH COURT OF KARNATAKA IN W.P.No 45745/2015 Dt:-14.12.2016

ANNEXURE - 5B



DETAILS OF NOTIFIED AREA OF M/s.MINERAL ENTERPRISES Ltd.	EXTENT IN Ha
NOTIFIED AREA	72.15 Ha.
SURVEY & DEMARCATED AREA	37.45 Ha.
DELETED AREA	02.73 Ha.
DELETED AREA	31.97 Ha.

VILLAGE NAME	SURVEY No.	EXTENT IN Ha
GOLLARAHALLI	11 (PART)	09.63
	12 (PART)	27.82
TOTAL EXTENT OF SURVEY & DEMARCATED AREA		37.45



N: DGPS Grid North
SN:Sketch North
18°
Scale :- 1"=660'

BOUNDARIES :-

NORTH : NOTIFIED AREA OF M/s R. N. ASHOK (SY No 11 OF GOLLARAHALLI VILLAGE)
SOUTH : NOTIFIED AREA OF SRI R. PRAVEEN CHANDRA (SY No 12 OF GOLLARAHALLI VILLAGE)
EAST : PART OF SY No 28 OF YAREKATTE VILLAGE & SY No 38 OF HOMBALAGATTA VILLAGE
WEST : PART OF SY No 11 & 12 OF GOLLARAHALLI VILLAGE

INDEX
- SURVEY AND DEMARCATED AREA
- MINING LEASE BOUNDARY POINTS AS PER DGPS SURVEY
- REVENUE BOUNDARY POINTS
- VILLAGE DIVIDING POINT/BANDH
- SY.NO /CADASTRAL BOUNDARY
- VILLAGE DIVIDING LINE

DETAILS OF TOTAL STATION & DGPS CO-ORDINATES OF SURVEY & DEMARCATED AREA OF M/s MINERAL ENTERPRISES Ltd FOR IRON ORE & MANGANESE ORE OVER AN EXTENT OF 37.45 HA. (92.54 ACRES) Date of Survey: 07-01-2017 TO 09-01-2017

SL No.	Point ID/ Corners	TOTAL STATION READINGS		DGPS READINGS DATUM :- WGS 84. PROJECTION:- UTM_43N			
		X	Y	Latitude	Longitude	Northing	Easting
1	Base Station	---	---	13°24'57".15440"	76°40'42.64172"	1483744.415	681735.592
2	MEL-A	5445.9140	4921.2150	13°25'22".47284"	76°40'32.96829"	1484520.504	681439.301
3	MEL-B	4517.8570	4803.3810	13°25'18".12145"	76°40'02.80710"	1484288.441	680533.510
4	MEL-C	4326.5920	5163.7810	13°25'26".03122"	76°39'55.07614"	1484622.140	680298.681
5	MEL-D	5355.8100	5291.1840	13°25'34".08700"	76°40'28.55229"	1484876.519	681304.035

DETAILS OF TOTAL STATION & DGPS CO-ORDINATES OF REVENUE POINTS

SL No.	Point ID/ Corners	DGPS READINGS DATUM :- WGS 84. PROJECTION:- UTM_43N			
		Latitude	Longitude	Northing	Easting
1	BANDH-C	13°25'51.27098"	76°40'22.08532"	1485403.284	681105.915
2	BANDH-D	13°25'33.02637"	76°40'28.94118"	1484844.004	681315.955
3	BANDH-E	13°24'57.15440"	76°40'42.64172"	1483744.415	681735.592
4	VBP-1	13°24'50.35977"	76°39'57.54506"	1483526.419	680380.351
5	VBP-2	13°24'59.32312"	76°39'56.87409"	1483801.736	680358.307

DETAILS OF DGPS CO-ORDINATES OF ML.NO.2579 OF S.SUDARSHAN SINGH AS PER CEC AS PER BOUNDARY POINTS

SL No.	Point ID/ Corners	DGPS READINGS DATUM :- WGS 84. PROJECTION:- UTM_43N			
		Latitude	Longitude	Northing	Easting
1	LBS B	13°25'06.85374"	76°40'39.62561"	1484040.871	681642.832
2	LBS D	13°25'02.91288"	76°40'37.52654"	1483920.334	681580.509
3	LBS E	13°25'04.80678"	76°40'37.57617"	1483978.546	681581.606

DETAILS OF GPS & TOTAL STATION CO-ORDINATES OF ML.NO.2579 OF S.SUDARSHAN SINGH AS PER CEC BOUNDARY POINTS

SL.NO	CORNER BOUNDARY POINT	AS PER MONITORING COMMITTEE/CEC MANDATE READING			
		TOTAL STATION READING		DGPS READINGS WGS-84	
		X	Y	LATITUDE	LONGITUDE
1	LBS A	2914.489	2992.431	N13°25'02.1"	E76°40'06.6"
2	LBS B	4080.085	3167.625	N13°25'06.9"	E76°40'39.6"
3	LBS C	4083.036	3052.641	N13°25'02.2"	E76°40'39.7"
4	LBS D	4019.872	3045.074	N13°25'02.9"	E76°40'37.5"
5	LBS E	2904.282	2912.778	N13°25'04.7"	E76°40'37.5"
6	LBS F	4019.889	3103.261	N13°24'59.4"	E76°40'00.3"

Forest dept remarks :- The Survey & demarcated area is "Revenue forest" as per -Section 2(1a) of Karnataka Forest Act 1963 for diversion of forest area or use of forest of forest land for non-forest purpose as per Section 2(1)(ii) of Forest (Conservation) Act 1980 prior approval of the Central Govt. is required This was clearly narrated in the letter No PCCF(HoFF)/Section 4/CR3/2015-16 of PCCF & HoFF dated 13-3-2016 in the proceedings dated 28/3/2016. Hon Minister has not obtained forest clearance. this has to be considered while executing the Lease. As per the letter No AR2(1)/DGL 2016 of the DCF Tumkur Division Tumkur dated 5/1/2018 & 6/1/2018 Section 2 of FC Act 1980 Karnataka forest Act & rules & orders dated 18/1/1965 passed in WP No-202/1995 of as per Court it has violated ~~orders dated 18/1/1965~~ This has to be considered while Execution of the Lease.

Prepared By	Recognized By
CHAITHANYA GEO LYNX (REGISTERED ENGINEERS, PARTNERS & SURVEYS,GEOLOGY, MINING & ENVIRONMENTAL CONSULTANTS,PROJECT, KARNATAKA STATE 08394-220303 info@geolynx@yahoo.com	Govt of Karnataka The Secretary to Government (Mines, SSI & Textiles) Commerce & Industries Department, BANGALORE Letter No.CI.02.MMM.2011 Dated 19/03/2012

CERTIFICATE

This is to certify that the Boundary Corners are surveyed and demarcated by using Total Station by DMG Officials, which are surveyed by DGPS (Differential Global Positioning System) Instruments by our team led by Mr.Sridhar.B (Mine Surveyor) in presence of representatives of M/s Mineral Enterprises Ltd.

For Chaithanya Geo Lynx

Johnson C.M

Tribhuvan Surveyor

JE DMG

RANGE FOREST OFFICER
Chikkanayakanahalli Range, Chikkanayakanahalli.