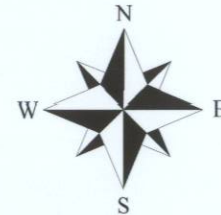
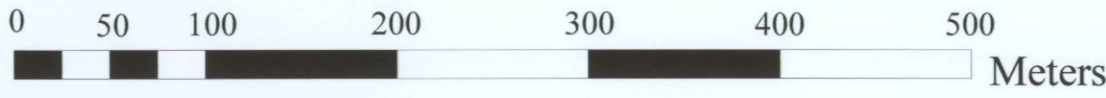


Geo Referenced Cadastral Map of Saniem Iron Ore Mining Lease, bearing T. C. No. 02 of 1951, Lessee M/s M.S. Talaulicar and Sons Pvt. Ltd., situated in Sancordem Village of Dharbandora Taluka, South Goa District. Goa State



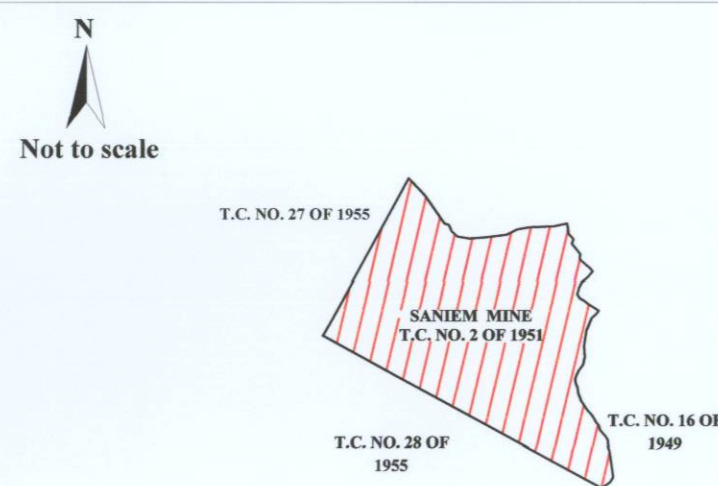
SCALE 1 : 3960



LEGEND

- DGPS POINT OF LEASE BOUNDARY
- LEASE BOUNDARY AS PER DGPS SURVEY
- SURVEY No. BOUNDARY
- SUB-DIVISION OF THE SURVEY No.
- VILLAGE BOUNDARY

KEY PLAN



DATUM: WGS 84

PROJECTION : UTM_Zone_43N

LOCATION PLAN



CERTIFICATE

This is to certify that the lease boundary pillars of T. C. No. 02 of 1951 of M/s. M. S. Talaulicar & Sons Pvt. Ltd. have been surveyed using DGPS (Differential Global Positioning System) and is based upon the Total Station survey conducted earlier.

Shri. P. Sreenivasarao
(Mines Manager)

CERTIFICATE BY ACCREDITED AGENCY

This is to certify that the lease boundary pillars of T.C.No. 02 of 1951. shown by P. Sreenivasarao, Mines Manager has been surveyed by our team led by Shri Nitin R. Mantri, using DGPS (Differential Global Positioning system) instruments, The Lease map and pillar locations have been verified, survey conducted and plans prepared as per requirement of IBM circular No.2/2010 dated 6/4/2010.

Nitin R Mantri
Surveyor

Dr. D.N. Gulhane
Key person

S.Kameswara Rao
Authorized Signatory

DIRECTORATE OF MINES AND GEOLOGY - PANAJI - GOA

Checked by

Certified by

Surveying Officer

Director of Mines and Geology

Prepared By :



GLOBAL ENVIRONMENT & MINING SERVICES
(Consulting Engineers, Mine designers, Geologist & Surveyors)

"2nd Floor, SMSK Skies", Dam Road,
Beside Siddhipriya Kalyan Mantap, Amaravathi,
Hospet - 583 201 Dist: Bellary, Karnataka, India.

Empanelled by

Directorate of Mines and Geology
Govt of Goa, Panjim
Vide order No:01/593/10-Mines/203 Dated:05/04/2013

Date of DGPS Survey: 31-05-2013 & 14-06-2013

AREA AS PER CONCESSION DEED (Ha.)	50.3
ACTUAL AREA AFTER D G P S SURVEY (Ha.)	49.411

S.No.	POINT ID	LATITUDE	LONGITUDE	NORTHING	EASTING
1	BP 1	15° 24' 55.5215"	74° 9' 16.6100"	1704452.32462	409289.67576
2	BP 2	15° 24' 40.7876"	74° 9' 8.4453"	1704000.53948	409044.52547
3	BP 3	15° 24' 38.7102"	74° 9' 7.2472"	1703936.84555	409008.56129
4	BP 4	15° 24' 34.4857"	74° 9' 15.2234"	1703806.10344	409245.80918
5	BP 5	15° 24' 22.6464"	74° 9' 37.9077"	1703439.67139	409920.57357

Sr. No.	Village Name	Survey No.	Area in Ha.
1	Sancordem	40(PART)	32.1221
2	Sancordem	50(PART)	0.2036
3	Sancordem	52(PART)	5.6501
4	Sancordem	53	0.4300
5	Sancordem	54	3.6375
6	Sancordem	55	4.3550
7	Sancordem	56	0.2825
8	Sancordem	59	2.1800
9	Sancordem	Road	0.5502
Total			49.411