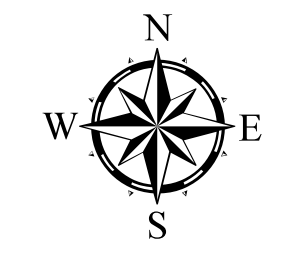
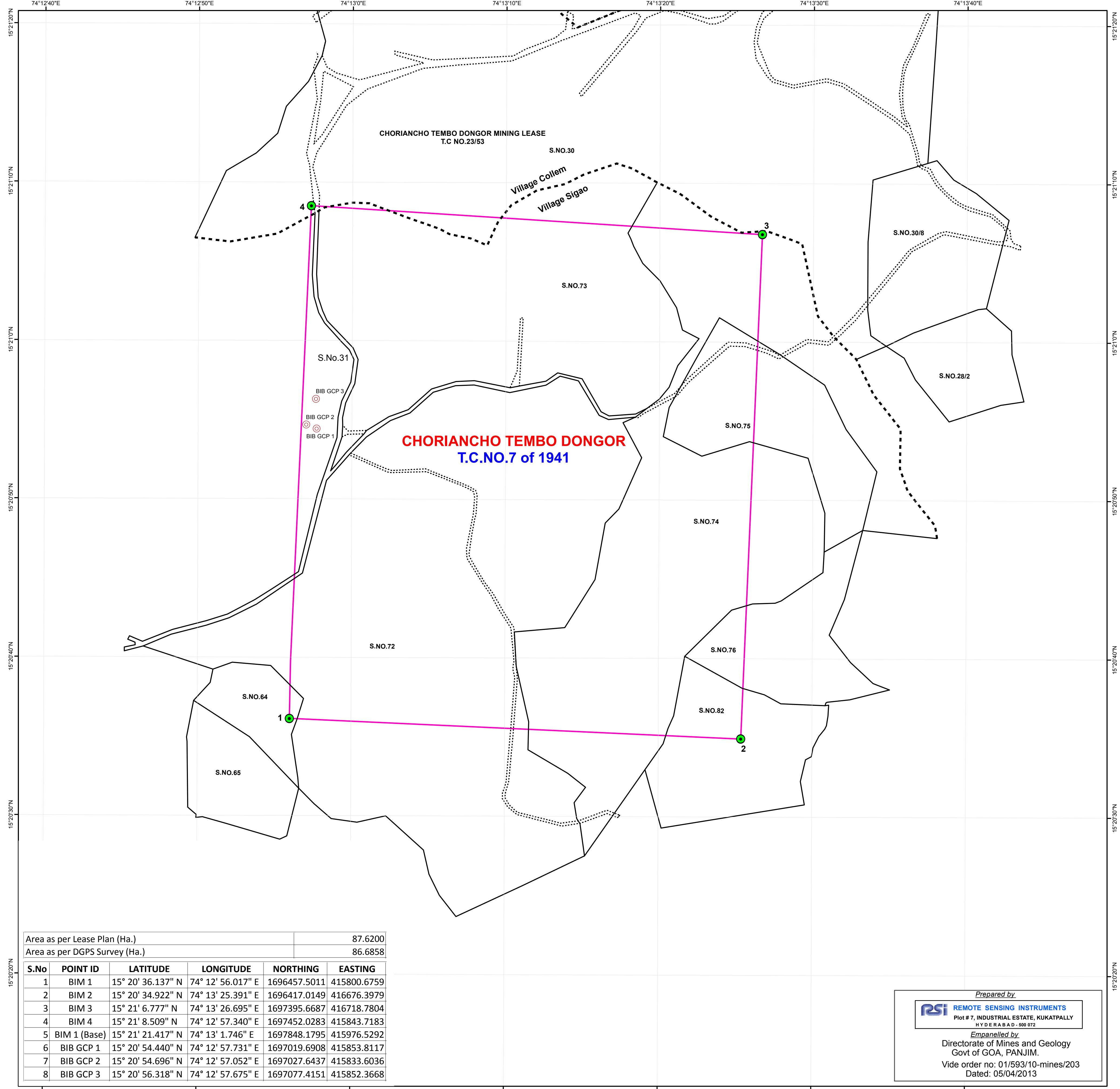
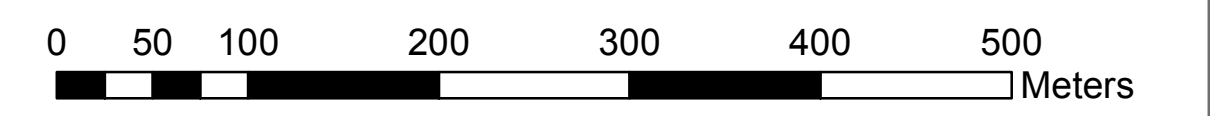


EMCO GOA PRIVATE LIMITED, MARGAO-GOA.
Geo Referenced Cadastral Map of Choriancho Tembo Dongor Mining Lease, bearing T.C. No. 7 of 1941, situated in Collem, & Sigao Villages of Sanguem Taluka(Dharbandora Taluka), South Goa District, Goa State.

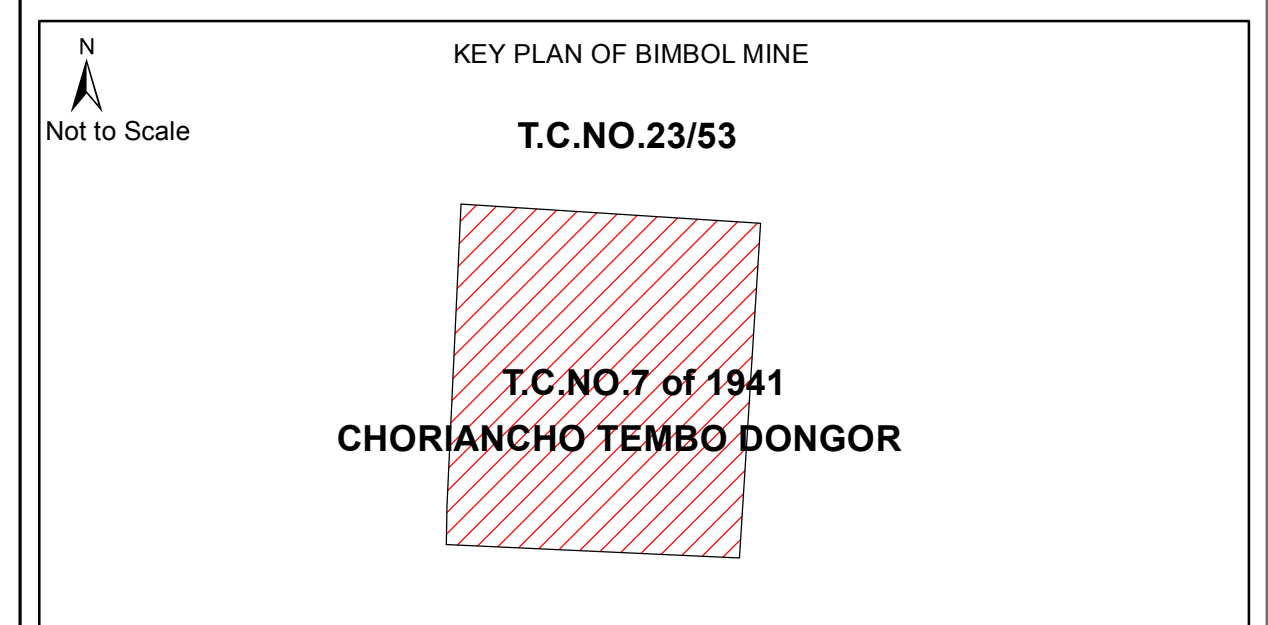


SCALE 1:3,960

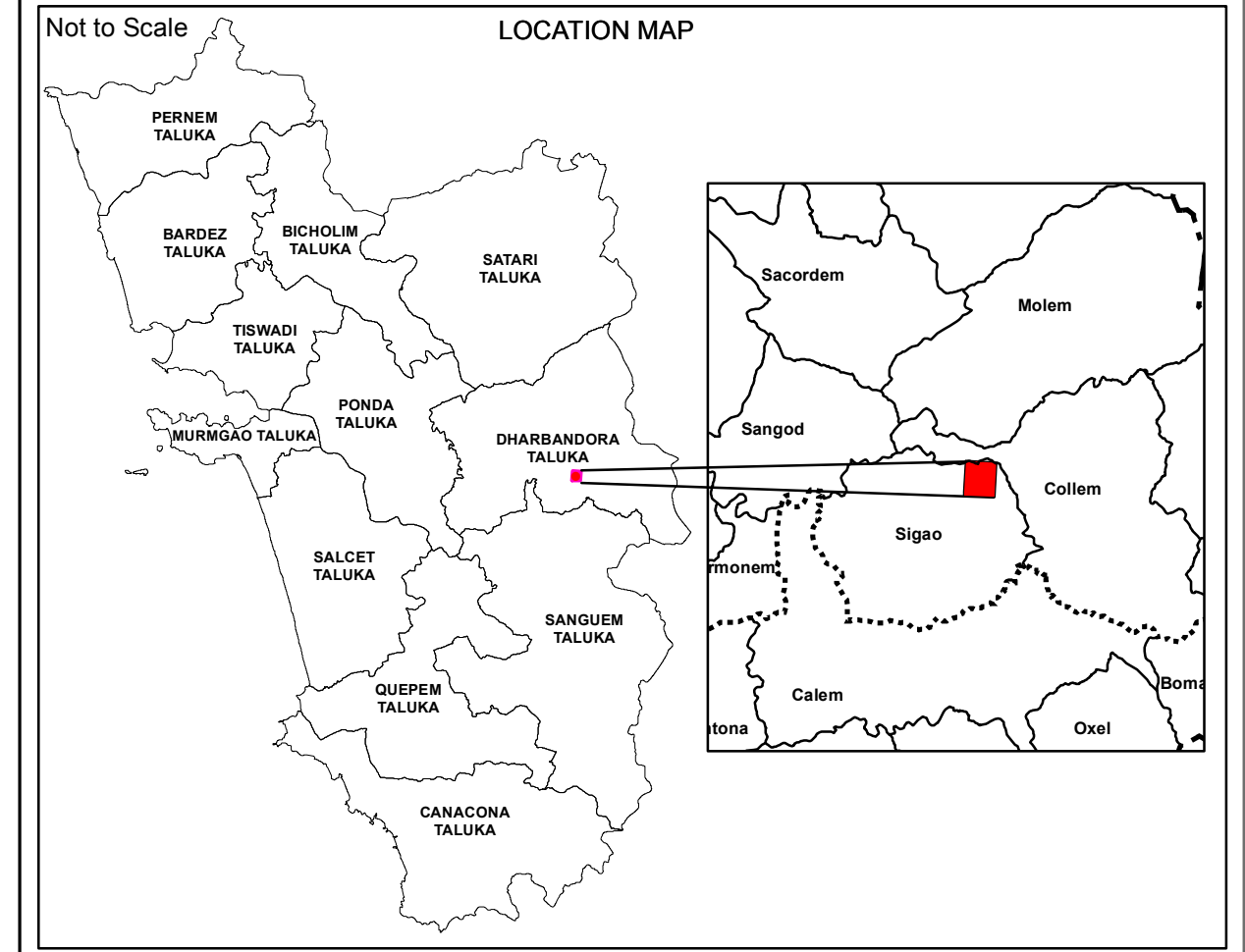


Legend

- DGPS POINT OF LEASE BOUNDARY
- LEASE BOUNDARY AS PER DGPS SURVEY
- SURVEY No BOUNDARY
- SUB-DIVISION OF THE SURVEY No
- - - VILLAGE BOUNDARY
- ⊗ BASE STATION
- ⊙ GROUND CONTROL POINTS



DATUM : WGS 84
 PROJECTION : UTM_Zone_43N



Certificate by Mines Manager

This is to certify that the lease boundary pillars of T.C. No. 7 of 1941 have been surveyed and fixed on the ground by using Total Station and the same are surveyed by using DGPS (Differential Global Positioning System).

Mr.MADHUKAR R.MALLYA
 (Chairman & Managing Director)

Certificate by Accredited Agency

This is to certify that the lease boundary pillars of T.C.No. 23 of 1953, shown by Mr. MADHUKAR R.MALLYA (Chairman & Managing Director) has been surveyed by our team led by Shri. Ch Sivaiah 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 06-04-2010.

For Remote Sensing Instruments
 Shri. B.V Ramana Kumar
 (General Manager)

Directorate of Mines and Geology - Panaji -Goa	
Checked by	Certified by
_____ Surveying officer	_____ Director of Mines and Geology

Area as per Lease Plan (Ha.)	87.6200
Area as per DGPS Survey (Ha.)	86.6858

S.No	POINT ID	LATITUDE	LONGITUDE	NORTHING	EASTING
1	BIM 1	15° 20' 36.137" N	74° 12' 56.017" E	1696457.5011	415800.6759
2	BIM 2	15° 20' 34.922" N	74° 13' 25.391" E	1696417.0149	416676.3979
3	BIM 3	15° 21' 6.777" N	74° 13' 26.695" E	1697395.6687	416718.7804
4	BIM 4	15° 21' 8.509" N	74° 12' 57.340" E	1697452.0283	415843.7183
5	BIM 1 (Base)	15° 21' 21.417" N	74° 13' 1.746" E	1697848.1795	415976.5292
6	BIB GCP 1	15° 20' 54.440" N	74° 12' 57.731" E	1697019.6908	415853.8117
7	BIB GCP 2	15° 20' 54.696" N	74° 12' 57.052" E	1697027.6437	415833.6036
8	BIB GCP 3	15° 20' 56.318" N	74° 12' 57.675" E	1697077.4151	415852.3668

Prepared by
RSI REMOTE SENSING INSTRUMENTS
 Plot # 7, INDUSTRIAL ESTATE, KUKATPALLY
 HYDERABAD - 500 072

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: 29th June, 2013