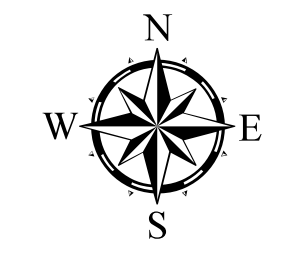
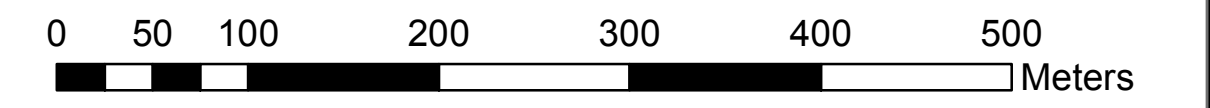


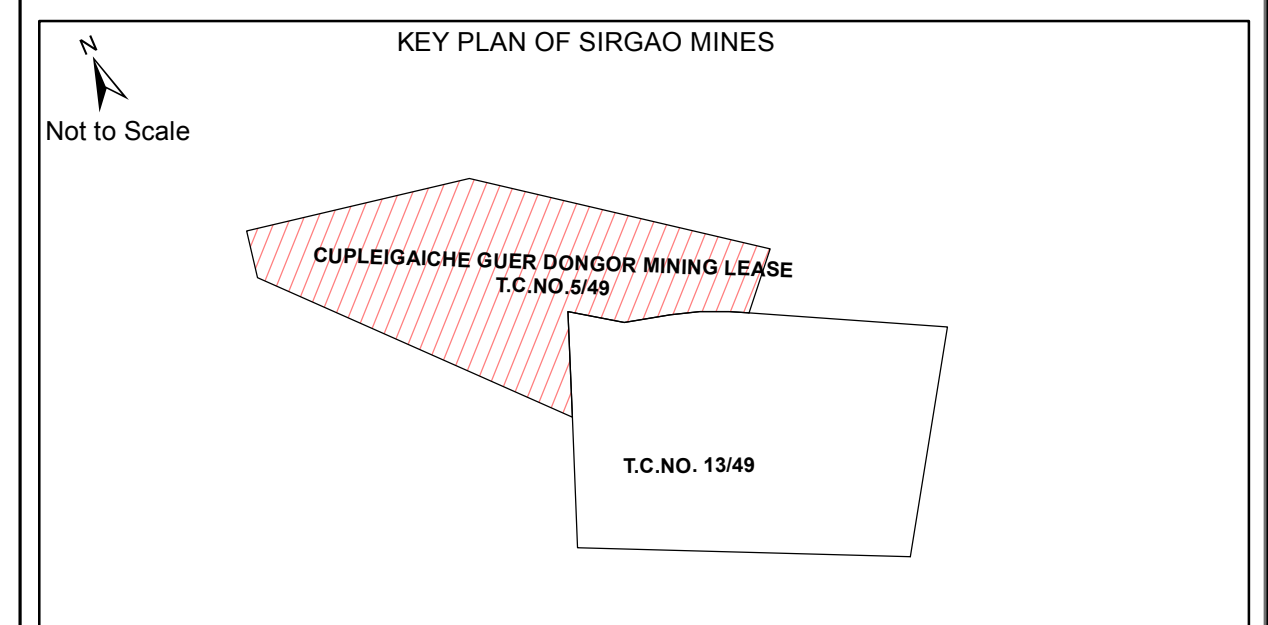
CHOWGULE AND COMPANY PRIVATE LIMITED, CHOWGULE HOUSE, MORMUGAO HARBOUR-GOIA.
Geo Referenced Cadastral Map of Cupleigaiche Guer Dongor Mining Lease, bearing T.C. No. 5 of 1949, situated
in Mayem & Sirgao Villages of Bicholim Taluka, North Goa District, Goa State.



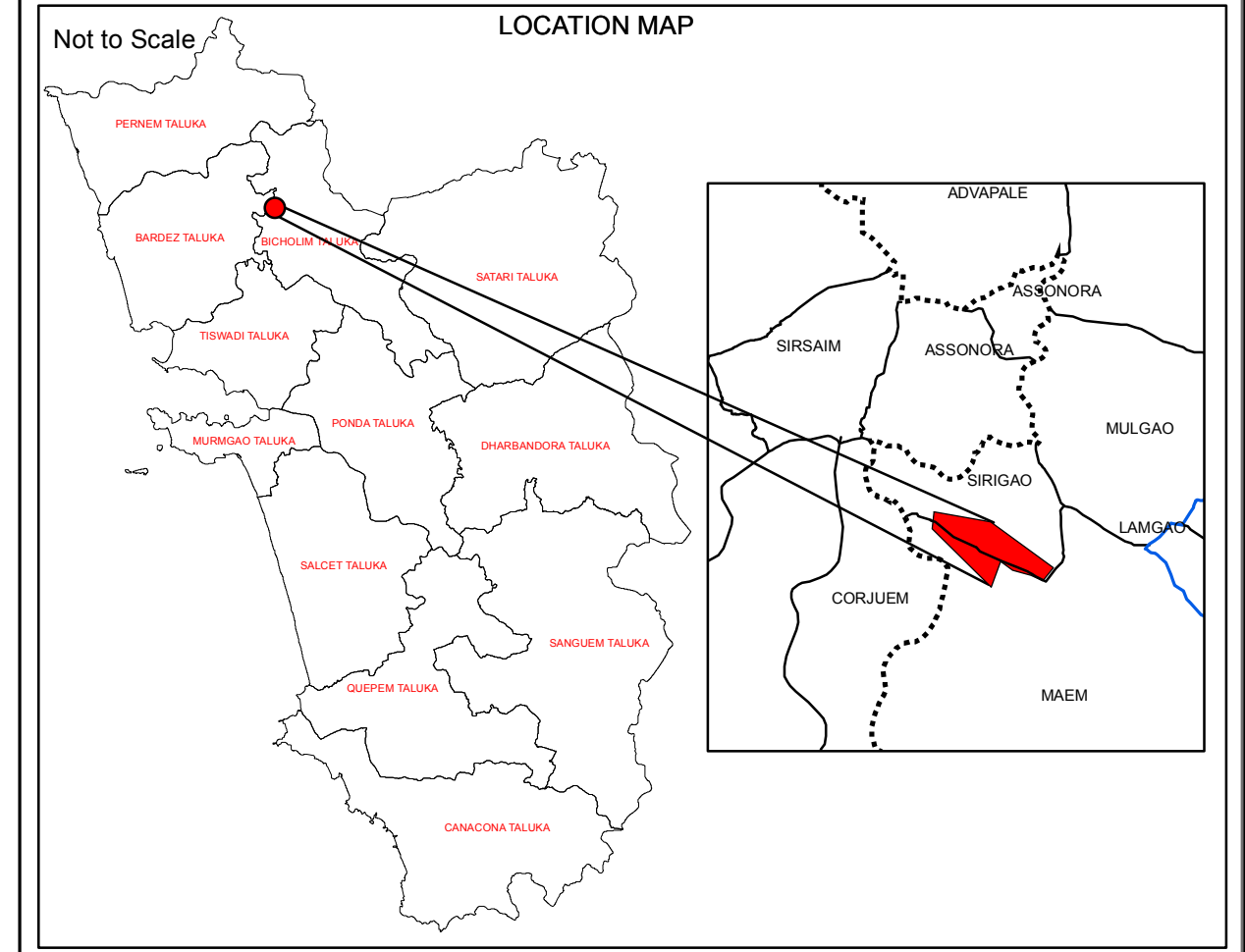
SCALE 1:3,960



- 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

This is to certify that the lease boundary pillars of T.C. No. 5 of 1949 have been surveyed and fixed on the ground by using Total Station and the same are surveyed by using DGPS (Differential Global Positioning System).

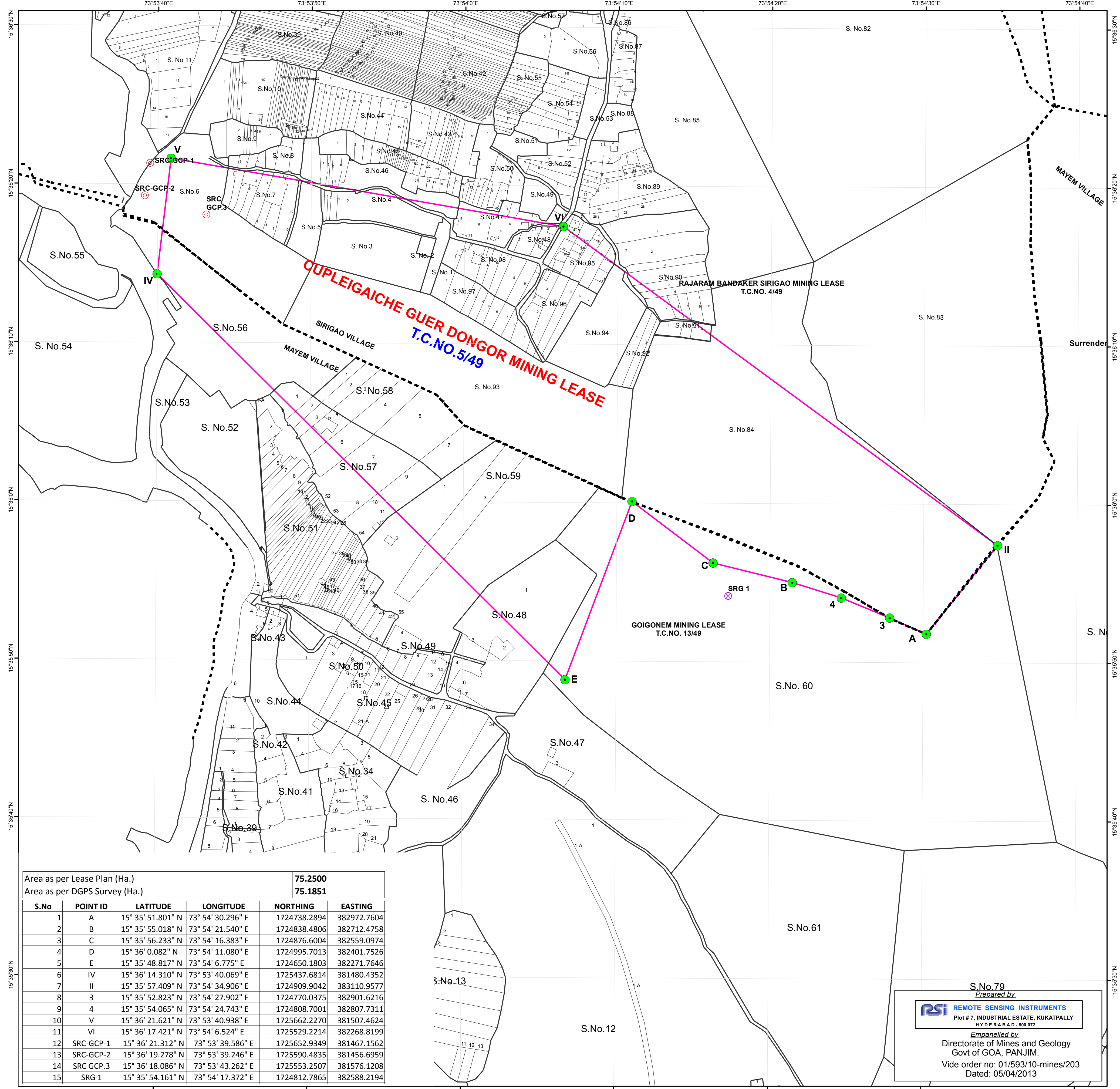
Mr. R.G.CHODANKAR
(Mines Manager)

CERTIFICATE

This is to certify that the lease boundary pillars of T.C.No. 5 of 1949, shown by Mr. R.G.CHODANKAR (Mines Manager) 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.)						75.2500
Area as per DGPS Survey (Ha.)						75.1851
S.No	POINT ID	LATITUDE	LONGITUDE	NORTHING	EASTING	
1	A	15° 35' 51.801" N	73° 54' 30.296" E	1724738.2894	382972.7604	
2	B	15° 35' 55.018" N	73° 54' 21.540" E	1724838.4806	382712.4758	
3	C	15° 35' 56.233" N	73° 54' 16.383" E	1724876.6004	382559.0974	
4	D	15° 36' 0.082" N	73° 54' 11.080" E	1724995.7013	382401.7526	
5	E	15° 35' 48.817" N	73° 54' 6.775" E	1724650.1803	382271.7646	
6	IV	15° 36' 14.310" N	73° 53' 40.069" E	1725437.6814	381480.4352	
7	II	15° 35' 57.409" N	73° 54' 34.906" E	1724909.9042	383110.9577	
8	3	15° 35' 52.823" N	73° 54' 27.902" E	1724770.0375	382901.6216	
9	4	15° 35' 54.065" N	73° 54' 24.743" E	1724808.7001	382807.7311	
10	V	15° 36' 21.621" N	73° 53' 40.938" E	1725662.2270	381507.4624	
11	VI	15° 36' 17.421" N	73° 54' 6.524" E	1725529.2214	382268.8199	
12	SRC-GCP-1	15° 36' 21.312" N	73° 53' 39.586" E	1725652.9349	381467.1562	
13	SRC-GCP-2	15° 36' 19.278" N	73° 53' 39.246" E	1725590.4835	381456.6959	
14	SRC GCP.3	15° 36' 18.086" N	73° 53' 43.262" E	1725553.2507	381576.1208	
15	SRG 1	15° 35' 54.161" N	73° 54' 17.372" E	1724812.7865	382588.2194	

S.No.79
Prepared by
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 : 1 & 2nd Jun 2013