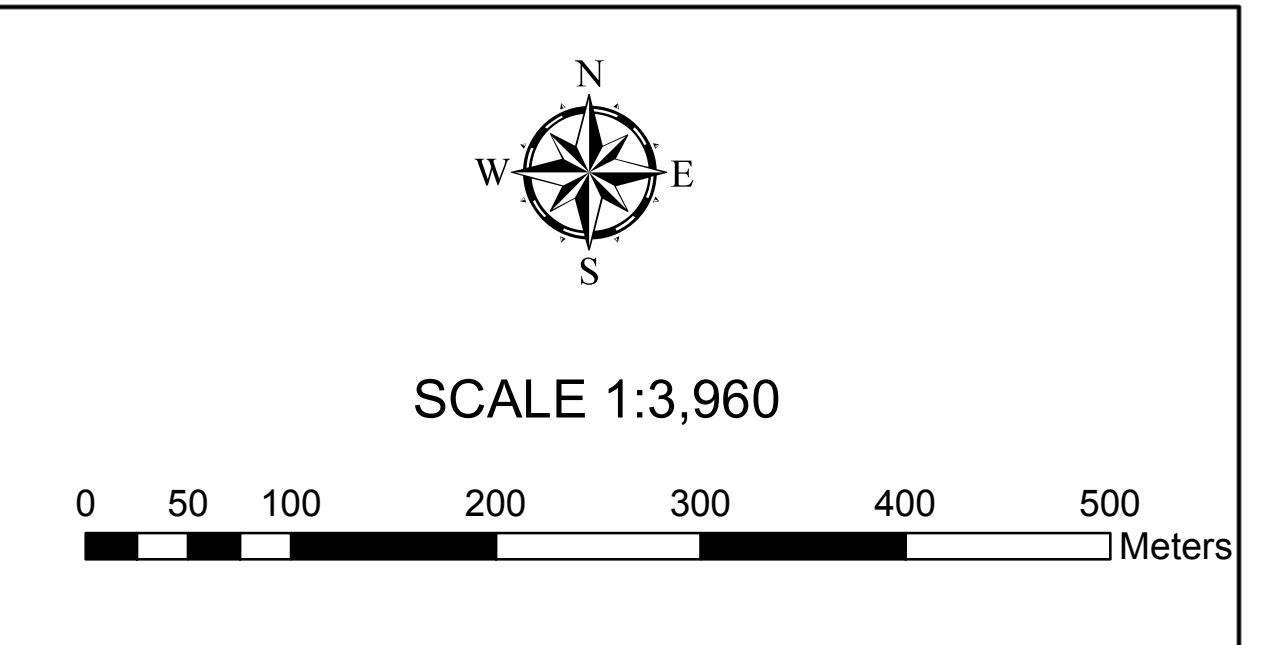
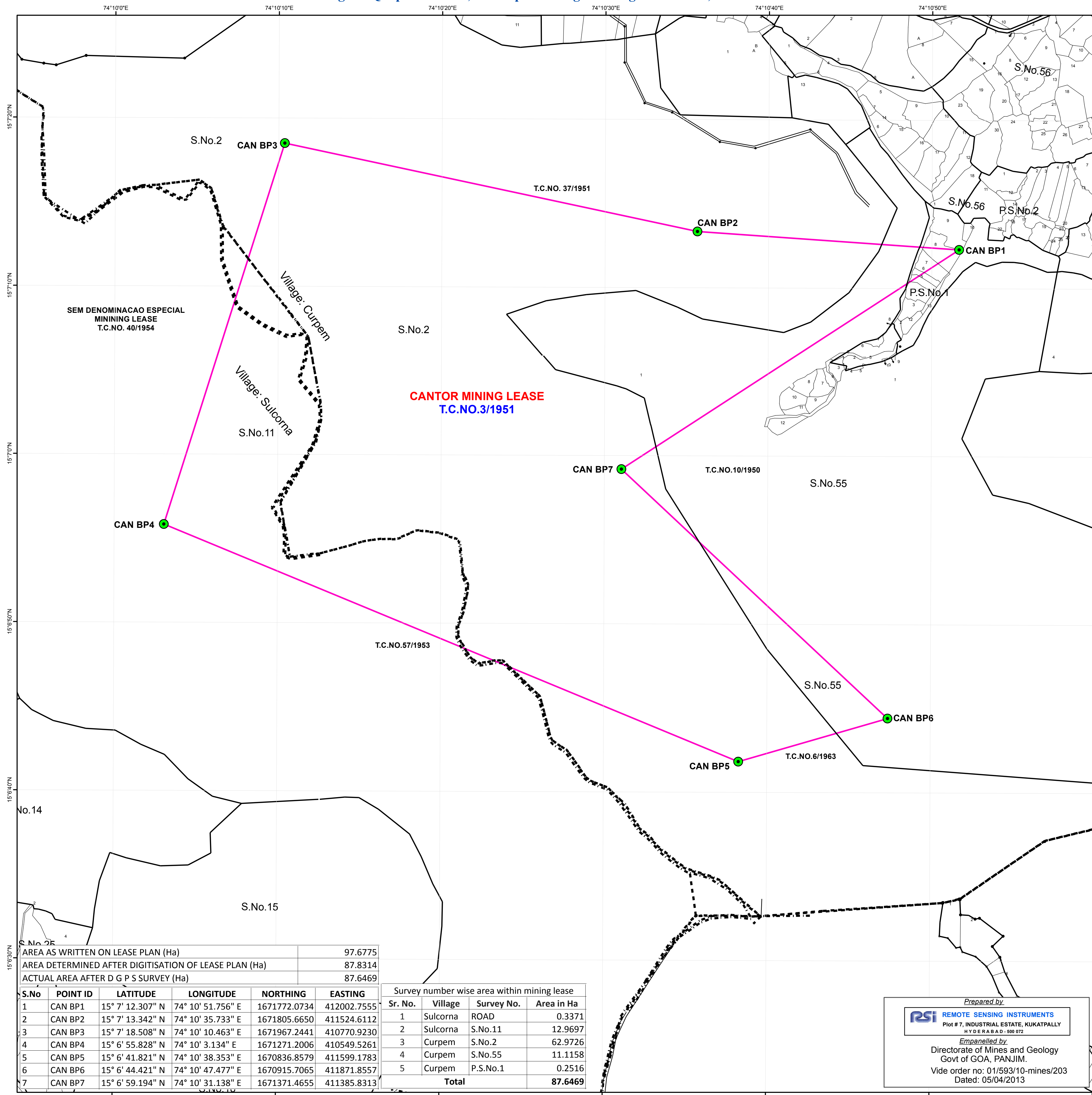
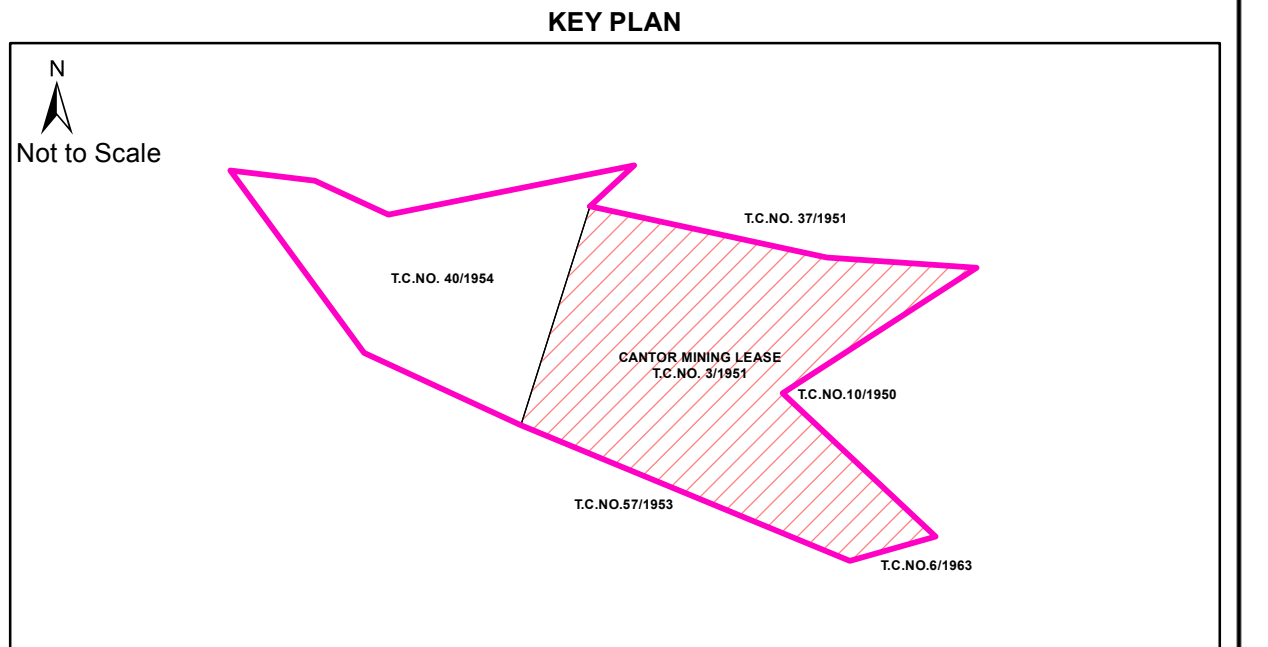


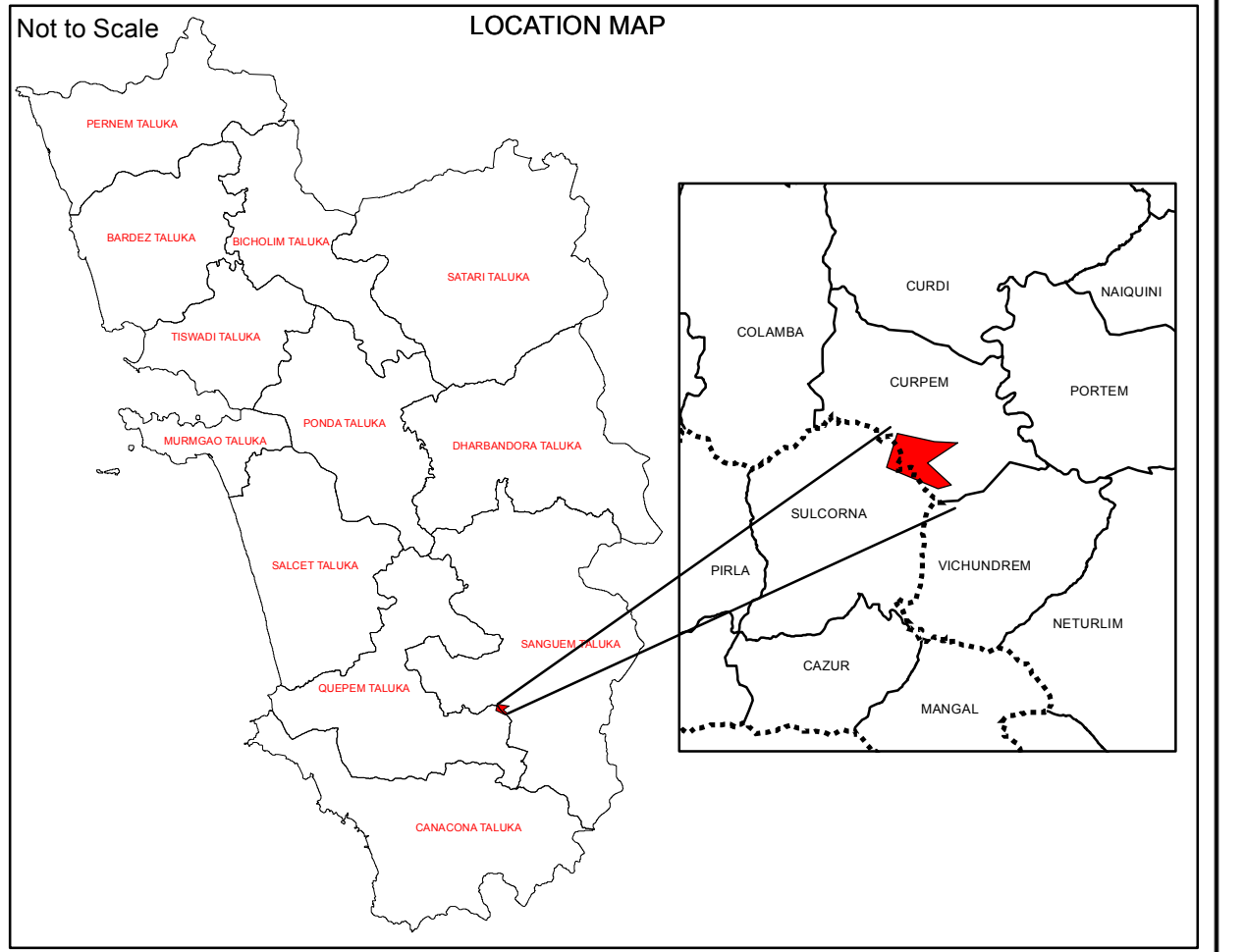
Geo Referenced Cadastral Map of Cantor Mining Lease, bearing T.C. No. 3 of 1951, situated in Sulcorna Village of Quepem Taluka, & Curpem Village of Sanguem Taluka, South Goa District. Goa State



- Legend**
- DGPS POINT OF LEASE BOUNDARY
 - LEASE BOUNDARY AS PER DGPS SURVEY
 - ADJACENT LEASE BOUNDARY
 - SURVEY No BOUNDARY
 - SUB-DIVISION OF THE SURVEY No
 - TALUKABOUNDARY
 - VILLAGE BOUNDARY



DATUM : WGS 84
PROJECTION : UTM_Zone_43N



CERTIFICATE

This is to certify that the lease boundary pillars of T.C. No. 3 of 1951 have been surveyed using DGPS (Differential Global Positioning System) and is based upon the Total Station survey conducted earlier.

Mr. M. S. Prabhakar
(Mines Manager)

Note: Curpem Mine is consisting of 2 Contiguous Leases bearing T. C. Nos. 3/51 & 40/54.

CERTIFICATE

This is to certify that the lease boundary pillars of T.C. No. 3 of 1951, shown by Mr. M. S. Prabhakar (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 6-4-2010. 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 WRITTEN ON LEASE PLAN (Ha)	97.6775
AREA DETERMINED AFTER DIGITISATION OF LEASE PLAN (Ha)	87.8314
ACTUAL AREA AFTER D G P S SURVEY (Ha)	87.6469

S.No	POINT ID	LATITUDE	LONGITUDE	NORTHING	EASTING
1	CAN BP1	15° 7' 12.307" N	74° 10' 51.756" E	1671772.0734	412002.7555
2	CAN BP2	15° 7' 13.342" N	74° 10' 35.733" E	1671805.6650	411524.6112
3	CAN BP3	15° 7' 18.508" N	74° 10' 10.463" E	1671967.2441	410770.9230
4	CAN BP4	15° 6' 55.828" N	74° 10' 3.134" E	1671271.2006	410549.5261
5	CAN BP5	15° 6' 41.821" N	74° 10' 38.353" E	1670836.8579	411599.1783
6	CAN BP6	15° 6' 44.421" N	74° 10' 47.477" E	1670915.7065	411871.8557
7	CAN BP7	15° 6' 59.194" N	74° 10' 31.138" E	1671371.4655	411385.8313

Survey number wise area within mining lease			
Sr. No.	Village	Survey No.	Area in Ha
1	Sulcorna	ROAD	0.3371
2	Sulcorna	S.No.11	12.9697
3	Curpem	S.No.2	62.9726
4	Curpem	S.No.55	11.1158
5	Curpem	P.S.No.1	0.2516
Total			87.6469

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: 22 May, 2013