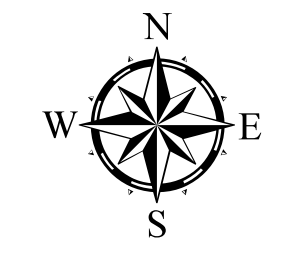
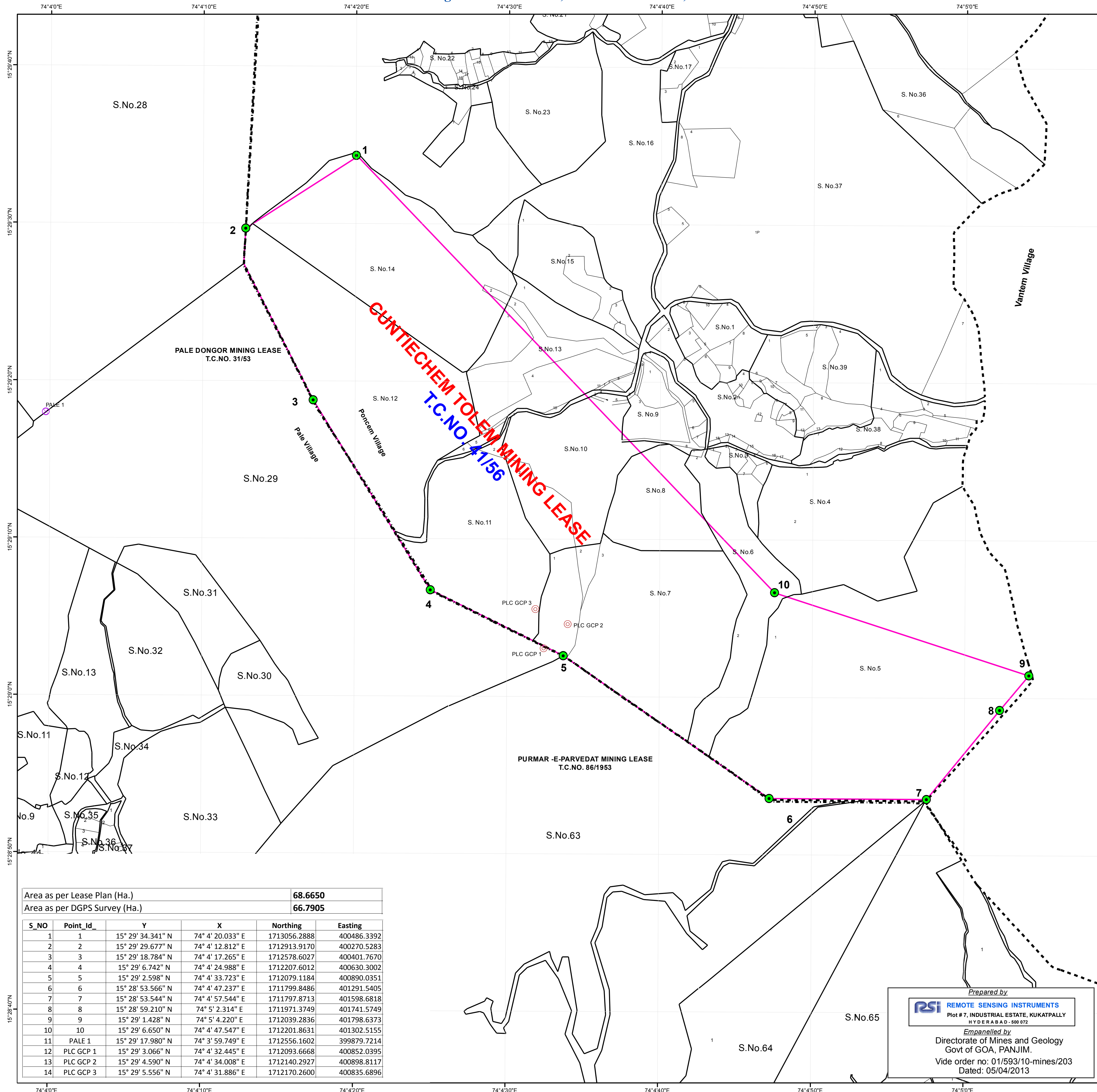
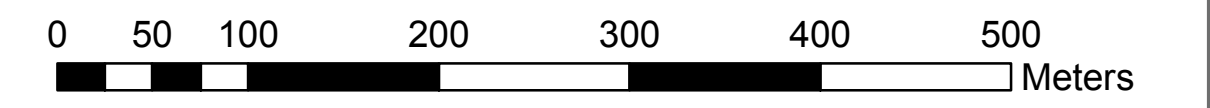


**CHOWGULE AND COMPANY PRIVATE LIMITED, CHOWGULE HOUSE, MORMUGAO HARBOUR-GOA.**  
**Geo Referenced Cadastral Map of Cuntiechem Tolem Mining Lease, bearing T.C. No. 41 of 1956, situated**  
**in Poncem Village of Satari Taluka, North Goa District, Goa State.**

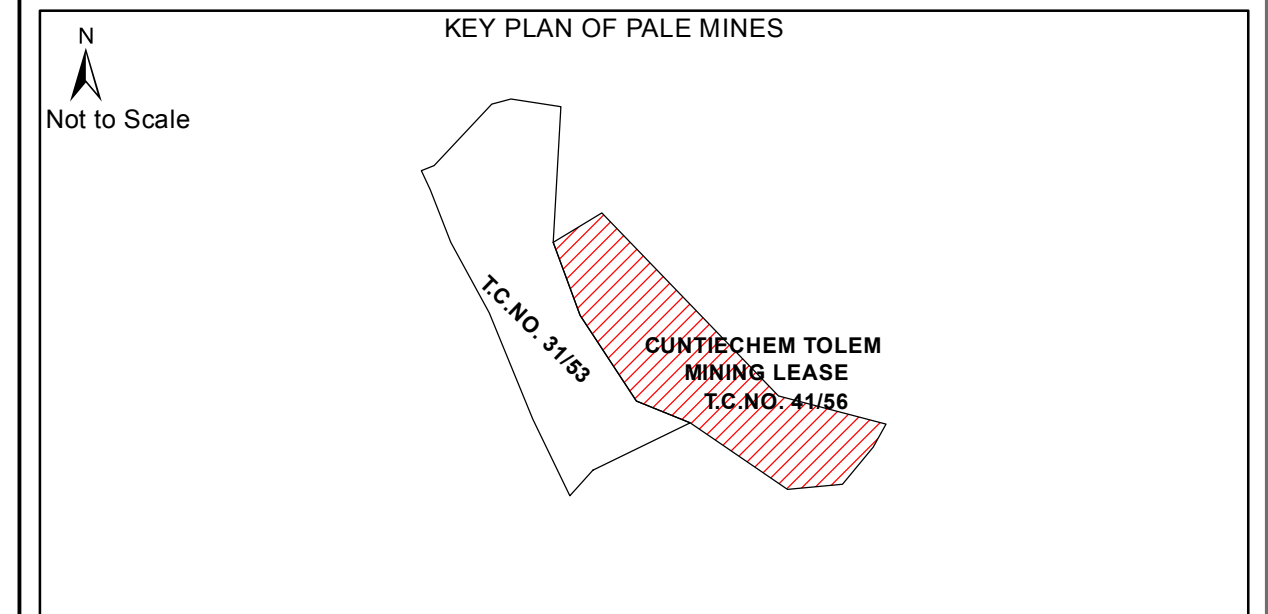


SCALE 1:3,960



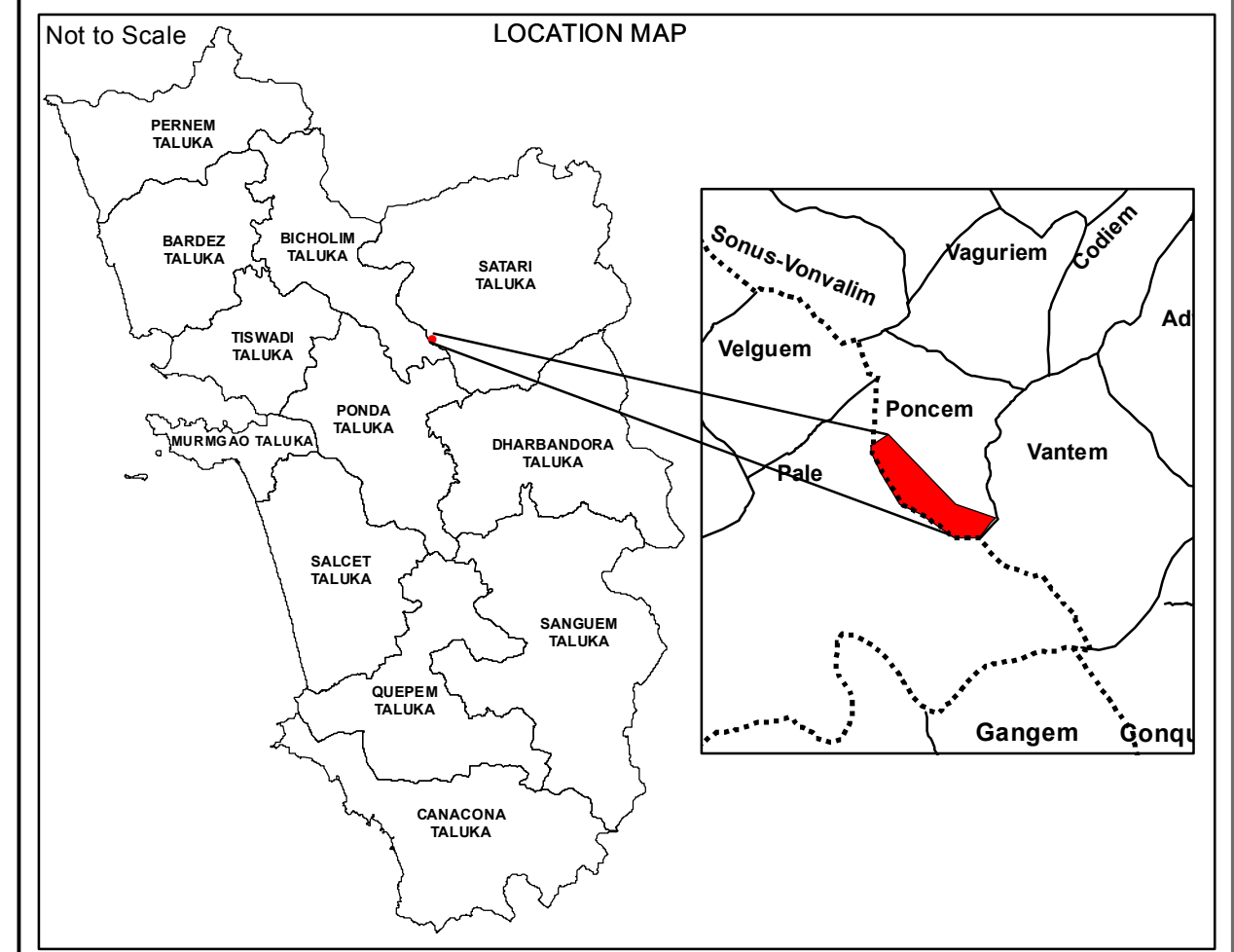
**Legend**

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



DATUM : WGS 84

PROJECTION : UTM\_Zone\_43N



Area as per Lease Plan (Ha.)	<b>68.6650</b>
Area as per DGPS Survey (Ha.)	<b>66.7905</b>

S_NO	Point_id	Y	X	Northing	Easting
1	1	15° 29' 34.341" N	74° 4' 20.033" E	1713056.2888	400486.3392
2	2	15° 29' 29.677" N	74° 4' 12.812" E	1712913.9170	400270.5283
3	3	15° 29' 18.784" N	74° 4' 17.265" E	1712578.6027	400401.7670
4	4	15° 29' 6.742" N	74° 4' 24.988" E	1712207.6012	400630.3002
5	5	15° 29' 2.598" N	74° 4' 33.723" E	1712079.1184	400890.0351
6	6	15° 28' 53.566" N	74° 4' 47.237" E	1711799.8486	401291.5405
7	7	15° 28' 53.544" N	74° 4' 57.544" E	1711797.8713	401598.6818
8	8	15° 28' 59.210" N	74° 5' 2.314" E	1711971.3749	401741.5749
9	9	15° 29' 1.428" N	74° 5' 4.220" E	1712039.2836	401798.6373
10	10	15° 29' 6.650" N	74° 4' 47.547" E	1712201.8631	401302.5155
11	PALE 1	15° 29' 17.980" N	74° 3' 59.749" E	1712556.1602	399879.7214
12	PLC GCP 1	15° 29' 3.066" N	74° 4' 32.445" E	1712093.6668	400852.0395
13	PLC GCP 2	15° 29' 4.590" N	74° 4' 34.008" E	1712140.2927	400898.8117
14	PLC GCP 3	15° 29' 5.556" N	74° 4' 31.886" E	1712170.2600	400835.6896

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: 4th June, 2013

**Certificate by Mines Manager**  
 This is to certify that the lease boundary pillars of T.C. No. 41 of 1956 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.B.SINGH  
 (Mines Manager)

**Certificate by Accredited Agency**  
 This is to certify that the lease boundary pillars of T.C.No. 41 of 1956, shown by Mr.R.B.SINGH (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