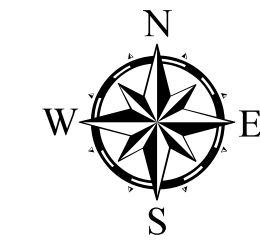
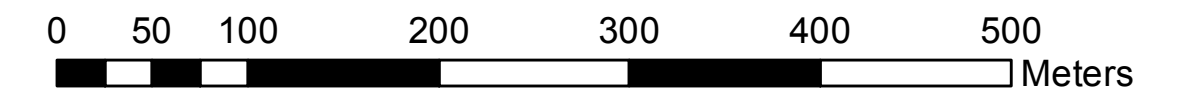


CHOWGULE AND COMPANY PRIVATE LIMITED, CHOWGULE HOUSE, MORMUGAO HARBOUR-GOA.
Geo Referenced Cadastral Map of Bozruguro Mining Lease, bearing T.C. No. 12 of 1957, situated
in Costi Village of Sanguem Taluka, South Goa District, Goa State.

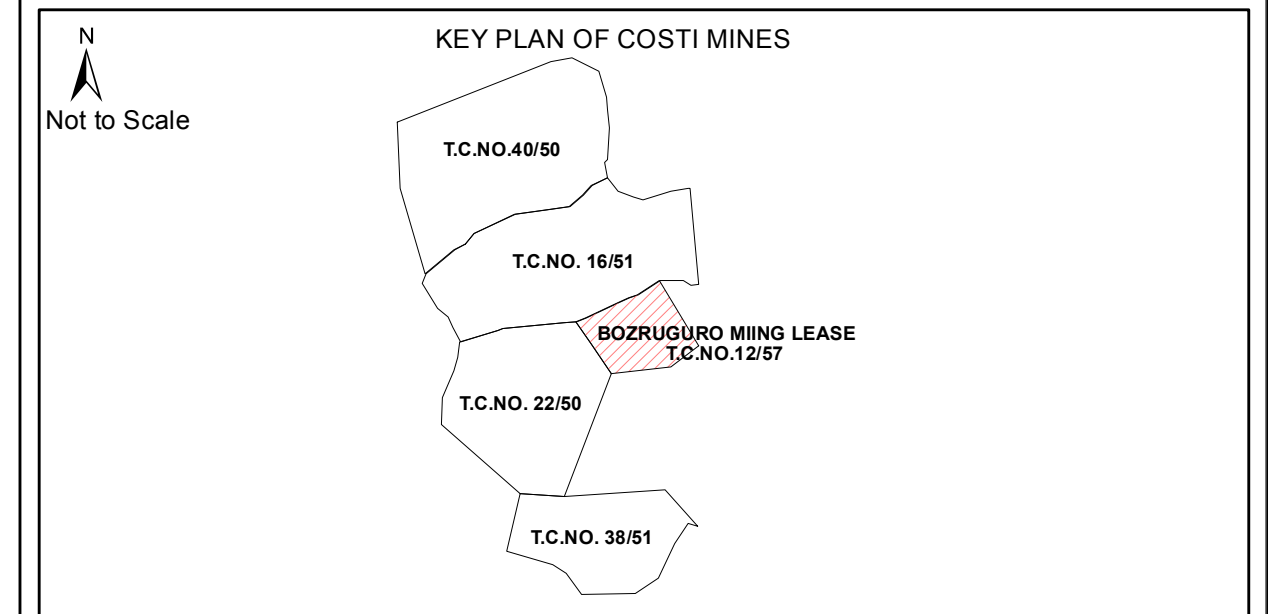


SCALE 1:3,960



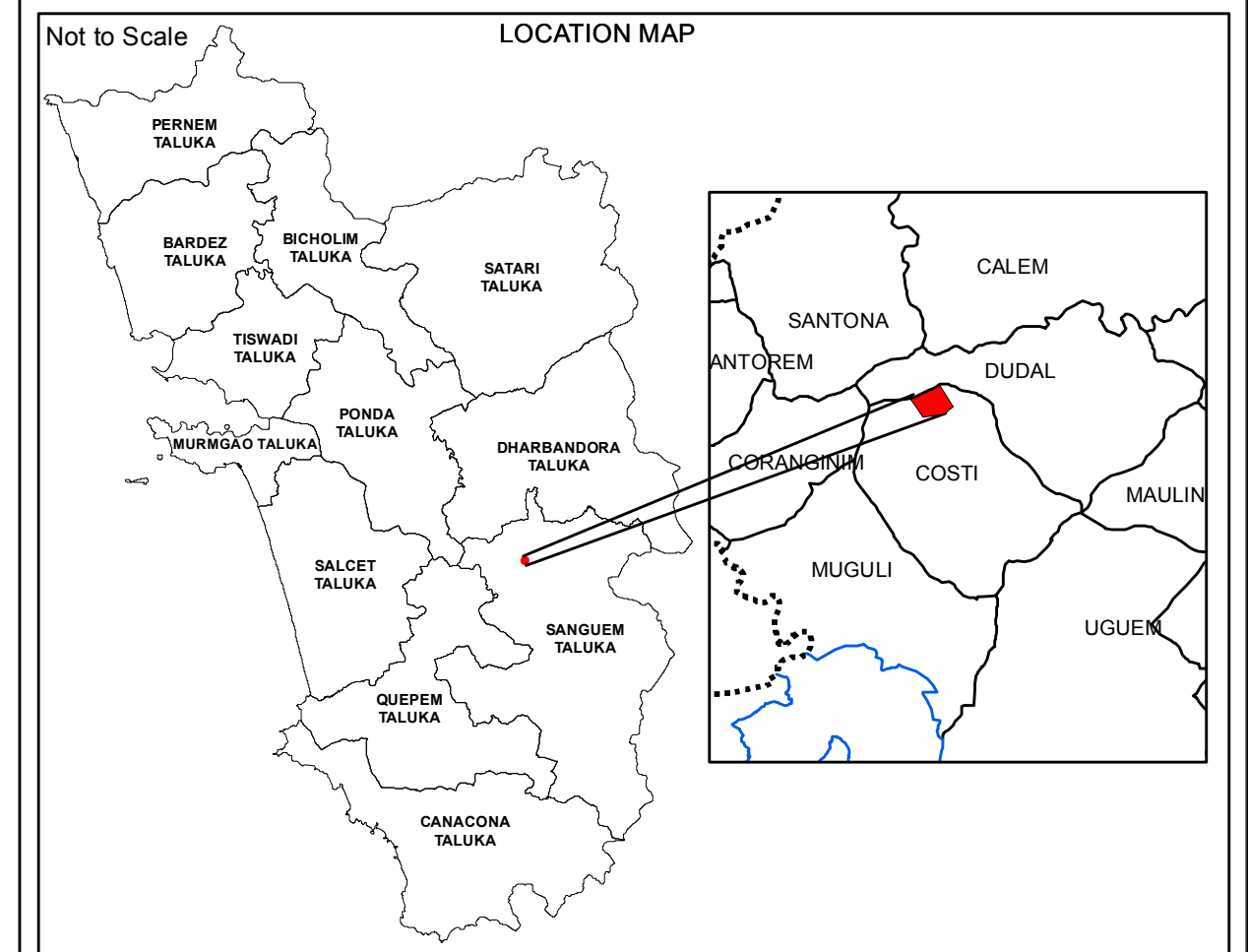
Legend

- 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



Area as per Lease Plan (Ha.)	20.0000
Area as per DGPS Survey (Ha.)	19.9991

S.No	Point ID	LATITUDE	LONGITUDE	NORTHING	EASTING
1	COS BP 1	15° 16' 26.294" N	74° 9' 46.091" E	1688801.7337	410107.9190
2	COS BP 2	15° 16' 26.952" N	74° 9' 47.823" E	1688821.7597	410159.6769
3	COS BP 3	15° 16' 29.660" N	74° 9' 53.757" E	1688904.2879	410336.9705
4	COS BP 4	15° 16' 30.856" N	74° 9' 55.892" E	1688940.7905	410400.7898
5	COS BP 5	15° 16' 31.118" N	74° 9' 57.344" E	1688948.6647	410444.1505
6	COS BP 6	15° 16' 32.214" N	74° 9' 59.122" E	1688982.1326	410497.2914
7	COS BP 7	15° 16' 33.563" N	74° 10' 1.311" E	1689023.3599	410562.7528
8	COS BP 13A	15° 16' 21.989" N	74° 10' 8.539" E	1688666.8891	410776.9878
9	COS BP 14	15° 16' 18.259" N	74° 10' 3.432" E	1688552.8704	410624.2061
10	COS BP 15	15° 16' 16.998" N	74° 9' 52.572" E	1688515.3641	410300.1505
11	COS BP 16	15° 16' 22.347" N	74° 9' 48.846" E	1688680.1486	410189.6443
12	B 1	15° 16' 27.763" N	74° 9' 52.362" E	1688846.1542	410295.1477
13	COF-GCP-1	15° 16' 15.902" N	74° 9' 54.620" E	1688481.4461	410361.0978
14	COF GCP 2	15° 16' 15.905" N	74° 9' 52.099" E	1688481.8281	410285.9144
15	COF-GCP-3	15° 16' 17.749" N	74° 9' 50.859" E	1688538.6405	410249.1243

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

Certificate by Mines Manager
 This is to certify that the lease boundary pillars of T.C. No. 12 of 1957 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.V.M.KANTAK
 (Mines Manager)

Certificate by Accredited Agency
 This is to certify that the lease boundary pillars of T.C.No. 12 of 1957, shown by Mr.V.M.KANTAK (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

Date of DGPS survey: 28, 30 & 31st May, 2013