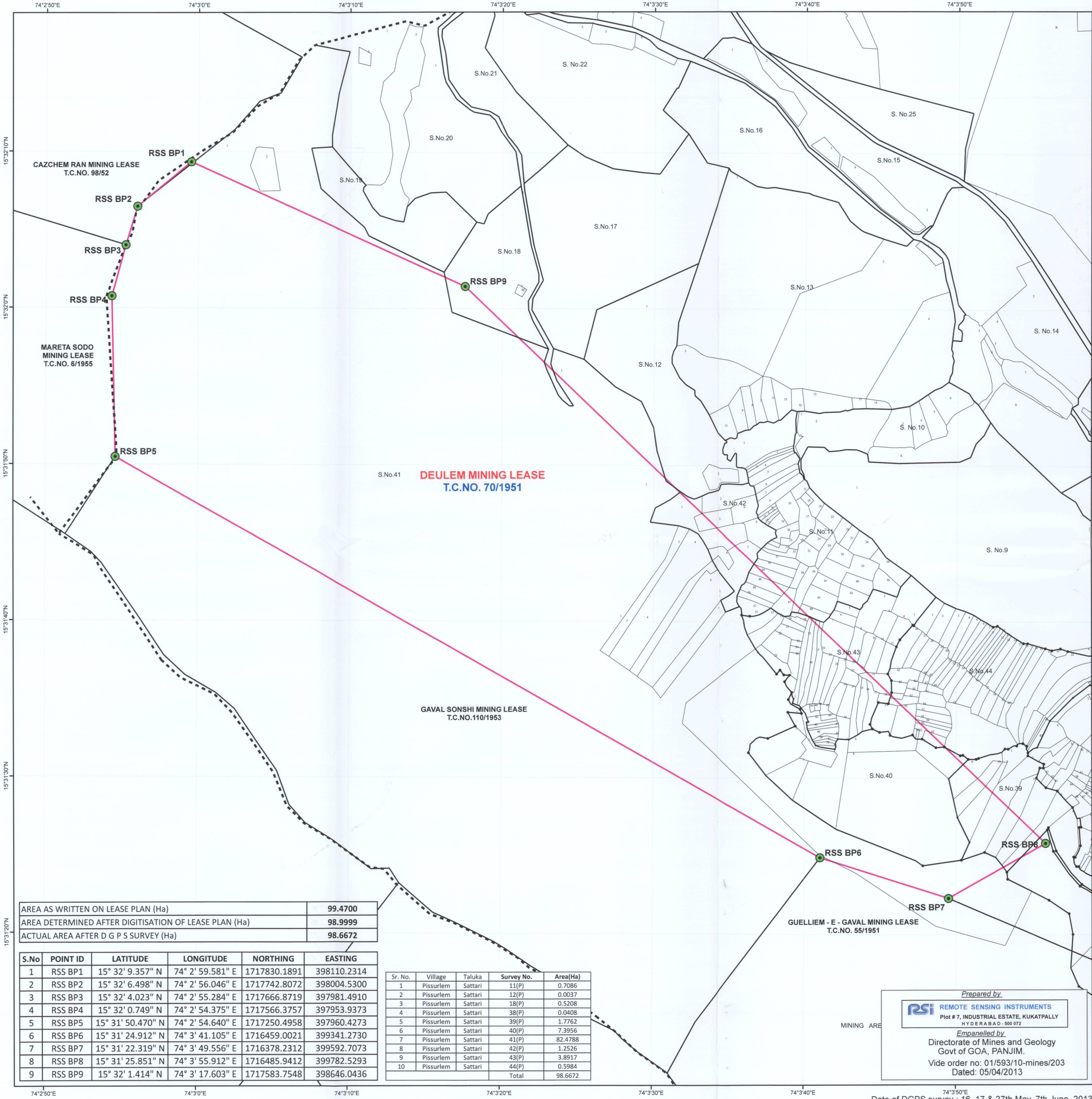


Geo Referenced Cadastral Map of Deulem Mining Lease, bearing T.C. No. 70 of 1951, situated in Pissurlem Village of Sattari Taluka, North Goa District. Goa State

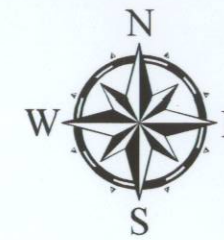


AREA AS WRITTEN ON LEASE PLAN (Ha)	99.4700
AREA DETERMINED AFTER DIGITISATION OF LEASE PLAN (Ha)	98.9999
ACTUAL AREA AFTER D G P S SURVEY (Ha)	98.6672

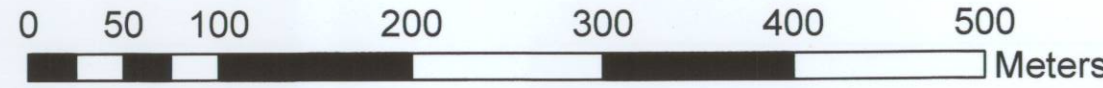
S.No	POINT ID	LATITUDE	LONGITUDE	NORTHING	EASTING
1	RSS BP1	15° 32' 9.357" N	74° 2' 59.581" E	1717830.1891	398110.2314
2	RSS BP2	15° 32' 6.498" N	74° 2' 56.046" E	1717742.8072	398004.5300
3	RSS BP3	15° 32' 4.023" N	74° 2' 55.284" E	1717666.8719	397981.4910
4	RSS BP4	15° 32' 0.749" N	74° 2' 54.375" E	1717566.3757	397953.9373
5	RSS BP5	15° 31' 50.470" N	74° 2' 54.640" E	1717250.4958	397960.4273
6	RSS BP6	15° 31' 24.912" N	74° 3' 41.105" E	1716459.0021	399341.2730
7	RSS BP7	15° 31' 22.319" N	74° 3' 49.556" E	1716378.2312	399592.7073
8	RSS BP8	15° 31' 25.851" N	74° 3' 55.912" E	1716485.9412	399782.5293
9	RSS BP9	15° 32' 1.414" N	74° 3' 17.603" E	1717583.7548	398646.0436

Sr. No.	Village	Taluka	Survey No.	Area(Ha)
1	Pissurlem	Sattari	11(P)	0.7086
2	Pissurlem	Sattari	12(P)	0.0037
3	Pissurlem	Sattari	18(P)	0.5208
4	Pissurlem	Sattari	38(P)	0.0408
5	Pissurlem	Sattari	39(P)	1.7762
6	Pissurlem	Sattari	40(P)	7.3956
7	Pissurlem	Sattari	41(P)	82.4788
8	Pissurlem	Sattari	42(P)	1.2526
9	Pissurlem	Sattari	43(P)	3.8917
10	Pissurlem	Sattari	44(P)	0.5984
Total				98.6672

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



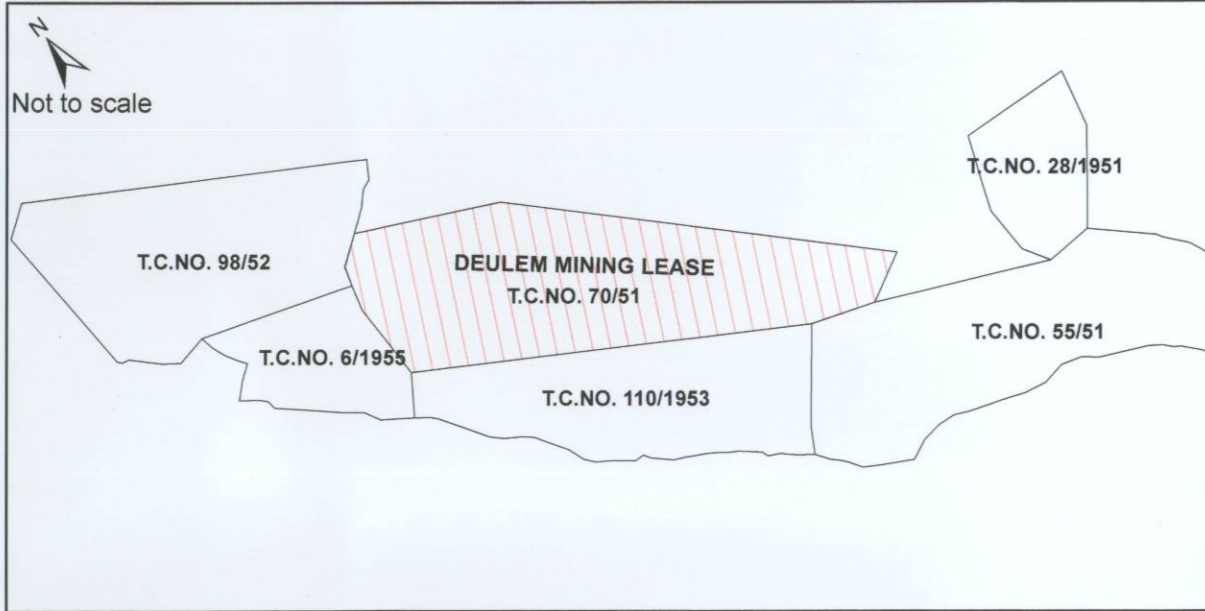
SCALE 1:3,960



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

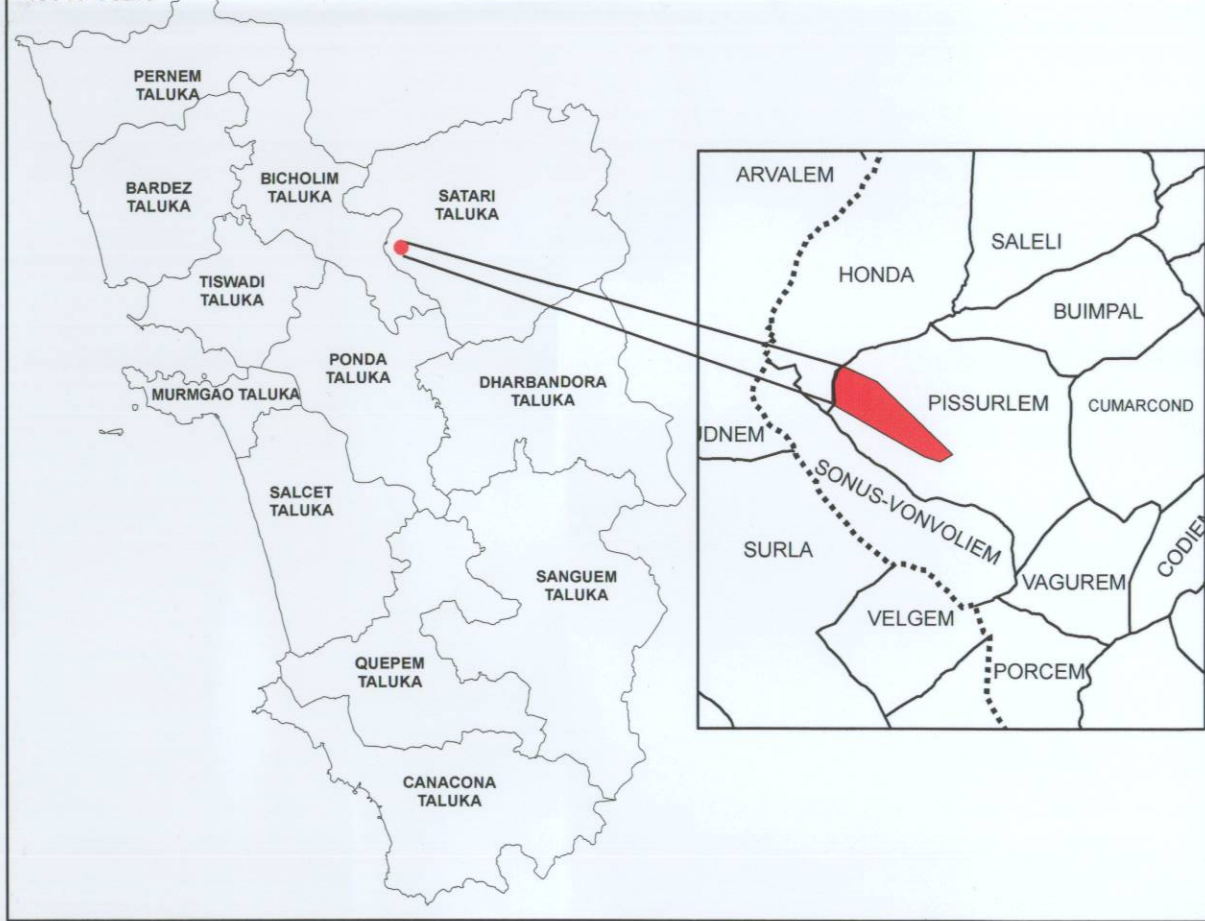
KEY PLAN



DATUM : WGS 84

PROJECTION : UTM_Zone_43N

LOCATION MAP



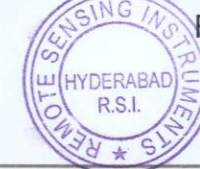
CERTIFICATE

This is to certify that the lease boundary pillars of T. C. No.70 of 1951 have been surveyed using DGPS (Differential Global Positioning System) and is based upon the Total Station survey conducted earlier.

Mr. Sandeep V. Morazkar
(Mines Manager)

CERTIFICATE

This is to certify that the boundary pillars as shown by Mr. Sandeep V. Morazkar, (Mines Manager) was 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

Date of DGPS survey : 16, 17 & 27th May, 7th June, 2013