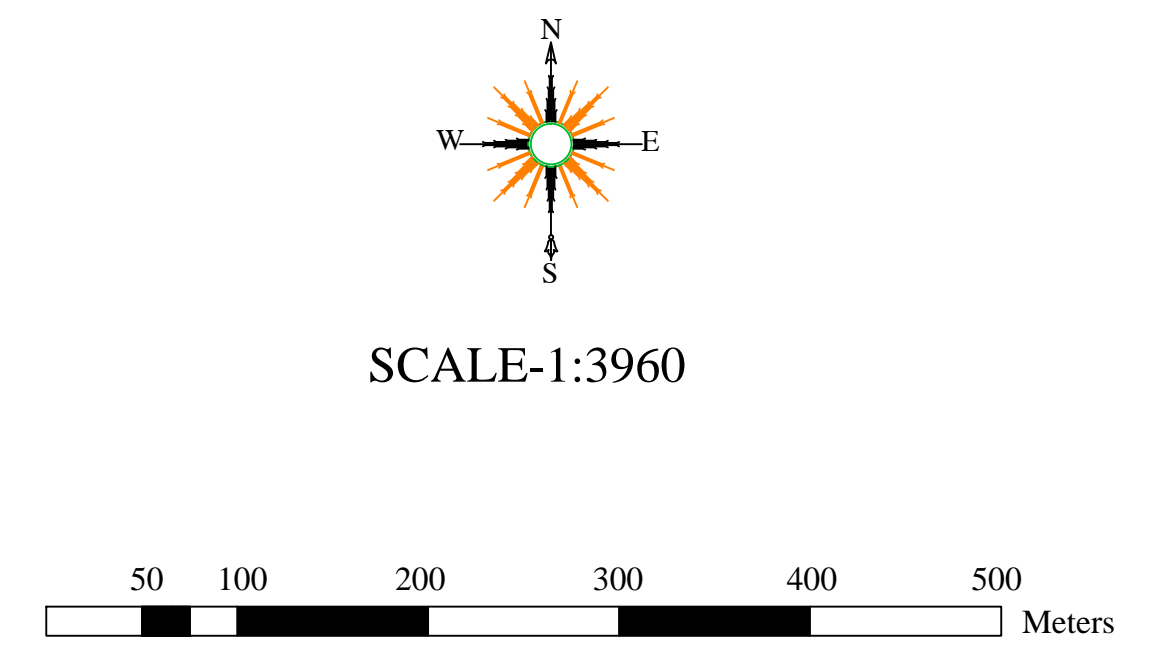
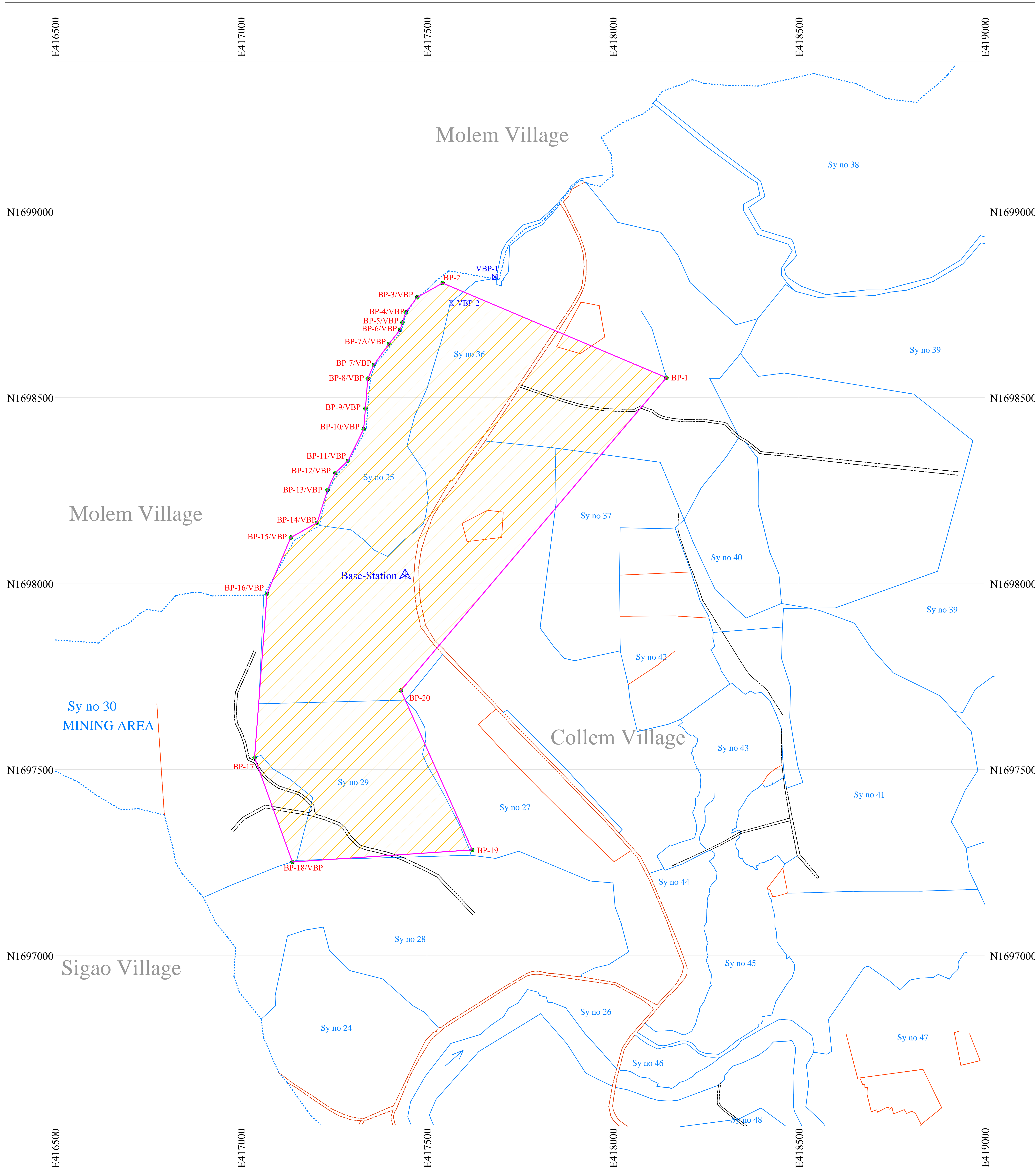
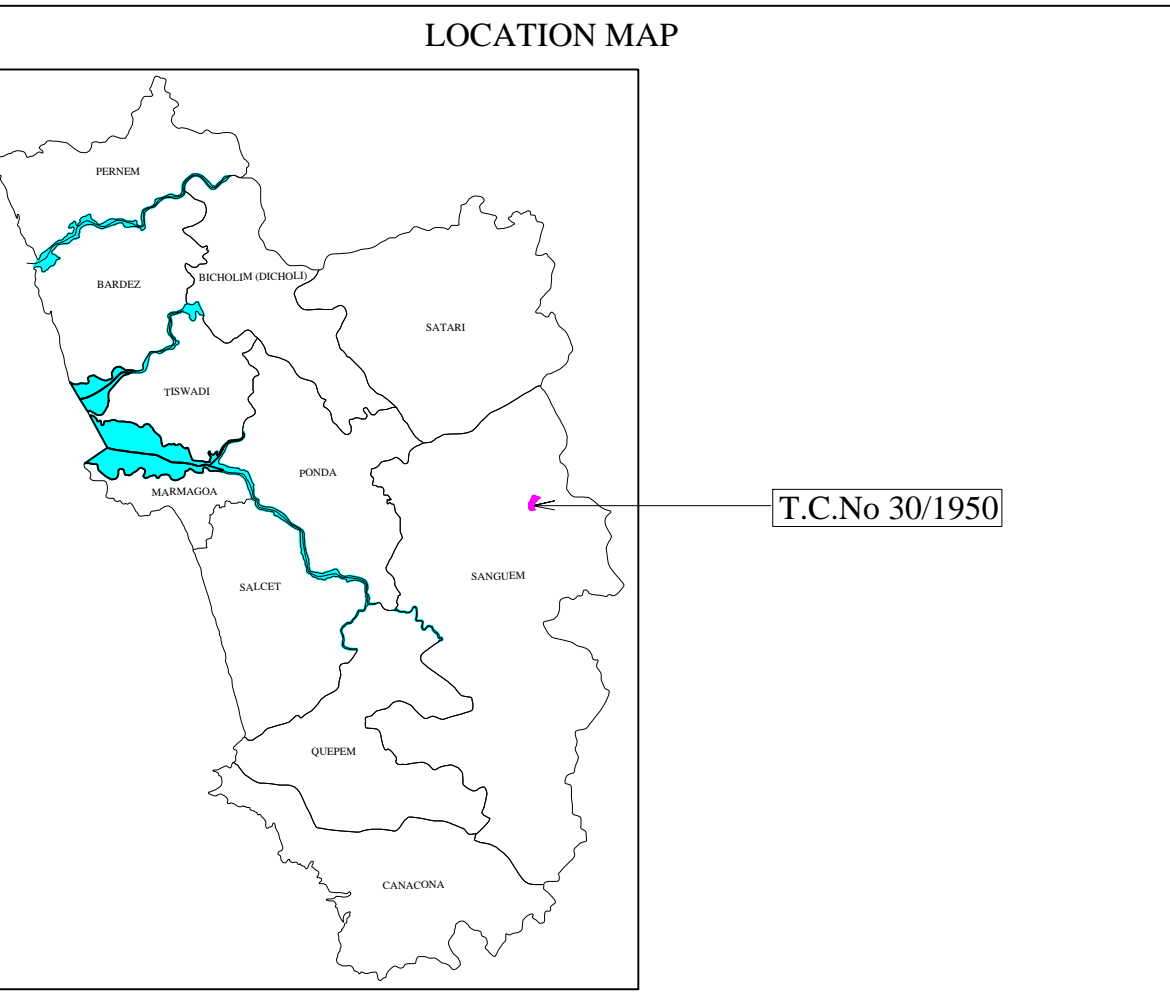


GEO REFERENCED CADASTRAL MAP OF GODCAVADEA JAVALACHEM UPOR IRON ORE MINES, MINING LEASE BEARING T.C.No-30/1950, SITUATED IN COLLEM VILLAGE OF DHARBANDORA(EARLIER SANGUEM) TALUKA,SOUTH GOA DISTRICT,GOA STATE.



- INDEX**
- DGPS POINTS OF LEASE BOUNDARY
 - ⊠ DGPS POINTS OF VILLAGE BOUNDARY PILLAR
 - ▭ MINE LEASE BOUNDARY AS PER DGPS SURVEY
 - ▭ ADJACENT MINE LEASE BOUNDARY
 - SURVEY No BOUNDARY
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 - TALUKA BOUNDARY
 - VILLAGE BOUNDARY
 - CART TRACK
 - ROAD

DATUM : WGS 84
PROJECTION: UTM_ZONE_43N



Sno	POINT ID	LATITUDE	LONGITUDE	NORTHING	EASTING	DATE
1	Base Station	15°21'27.23644"	74°13'50.84790"	1698021.746	417441.170	17-06-2013
2	BP-1	15°21'44.64083"	74°14'14.35107"	1698554.046	418143.810	30-06-2013
3	BP-2	15°21'52.85208"	74°13'54.13841"	1698808.485	417542.074	30-06-2013
4	BP-3/VBP	15°21'51.59485"	74°13'51.85402"	1698770.096	417473.829	17-06-2013
5	BP-4/VBP	15°21'50.27316"	74°13'50.81777"	1698729.595	417442.790	17-06-2013
6	BP-5/VBP	15°21'49.38589"	74°13'50.52489"	1698702.363	417433.961	17-06-2013
7	BP-6/VBP	15°21'48.76499"	74°13'50.32928"	1698683.306	417428.061	17-06-2013
8	BP-7/VBP	15°21'45.66608"	74°13'47.95674"	1698588.338	417356.986	17-06-2013
9	BP-7A/VBP	15°21'47.51940"	74°13'49.32204"	1698645.139	417397.894	17-06-2013
10	BP-8/VBP	15°21'44.45983"	74°13'47.41664"	1698551.331	417340.751	17-06-2013
11	BP-9/VBP	15°21'41.84786"	74°13'47.21682"	1698471.094	417334.507	17-06-2013
12	BP-10/VBP	15°21'40.03911"	74°13'47.06215"	1698415.533	417329.698	17-06-2013
13	BP-11/VBP	15°21'37.26919"	74°13'45.65834"	1698330.572	417287.540	18-06-2013
14	BP-12/VBP	15°21'36.20315"	74°13'44.51403"	1698297.937	417253.306	18-06-2013
15	BP-13/VBP	15°21'34.72122"	74°13'43.82611"	1698252.475	417232.633	18-06-2013
16	BP-14/VBP	15°21'31.83805"	74°13'42.89361"	1698163.984	417204.515	19-06-2013
17	BP-15/VBP	15°21'30.53822"	74°13'40.52420"	1698124.296	417133.728	18-06-2013
18	BP-16/VBP	15°21'25.60402"	74°13'38.39647"	1697972.910	417069.748	18-06-2013
19	BP-17	15°21'11.27970"	74°13'37.33341"	1697532.882	417036.480	18-06-2013
20	BP-18/VBP	15°21'02.15750"	74°13'40.77364"	1697252.220	417138.054	18-06-2013
21	BP-19	15°21'03.26783"	74°13'56.98501"	1697284.618	417621.538	18-06-2013
22	BP-20	15°21'17.20392"	74°13'50.50424"	1697713.515	417429.828	18-06-2013
23	VBP-1	15°21'53.40970"	74°13'58.83863"	1698825.121	417682.269	19-06-2013
24	VBP-2	15°21'51.10879"	74°13'54.94139"	1698754.834	417565.824	19-06-2013

AREA AS WRITTEN ON LEASE PLAN	82.5229 Ha.
AREA DETERMINED AFTER DIGITISATION OF LEASE PLAN	83.29 Ha.
ACTUAL AREA AFTER DGPS SURVEY	82.43 Ha.

Sno	Village Name	Survey No	Area In Ha
1	COLLEM	35	11.57
2	COLLEM	36	50.05
3	COLLEM	37	01.00
4	COLLEM	29	17.18
5	COLLEM	27	00.28
6	COLLEM	30	01.84

Prepared By
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Empanelled by
Directorate of Mines and Geology
Govt of GOA, PANJIM
Vide order no 01/593/10-mines/203
Dated:05/04/2013

CERTIFICATE
This is certify that the boundary pillars of which the DGPS survey readings are taken are the boundary pillars situated on ground for T.C.No.30/1950. The same are surveyed as required by the Indian Bureau of Mines vide their Circular No.2/2010 dated 6-4-2010

Ram Ratan Vaidya
Mines Manager

CERTIFICATE
This is certify that the boundary pillars as shown by Shri Ram Ratan Vaidya, Mines Manager was surveyed by our team led by Mr. Johnson C.M (Asst. Manager) using DGPS (Differential Global Positioning System) instruments. The Lease map and pillar locations have been verified. Survey conducted and plans prepared as required by the Indian Bureau of Mines vide their Circular No.2/2010 dated 6-4-2010

Kaliprasad S.B
Chaithanya Geo Lynx

Directorate of Mines and Geology-Panaji-Goa	
Checked by	Certified by
Surveying Officer	Director of Mines and Geology