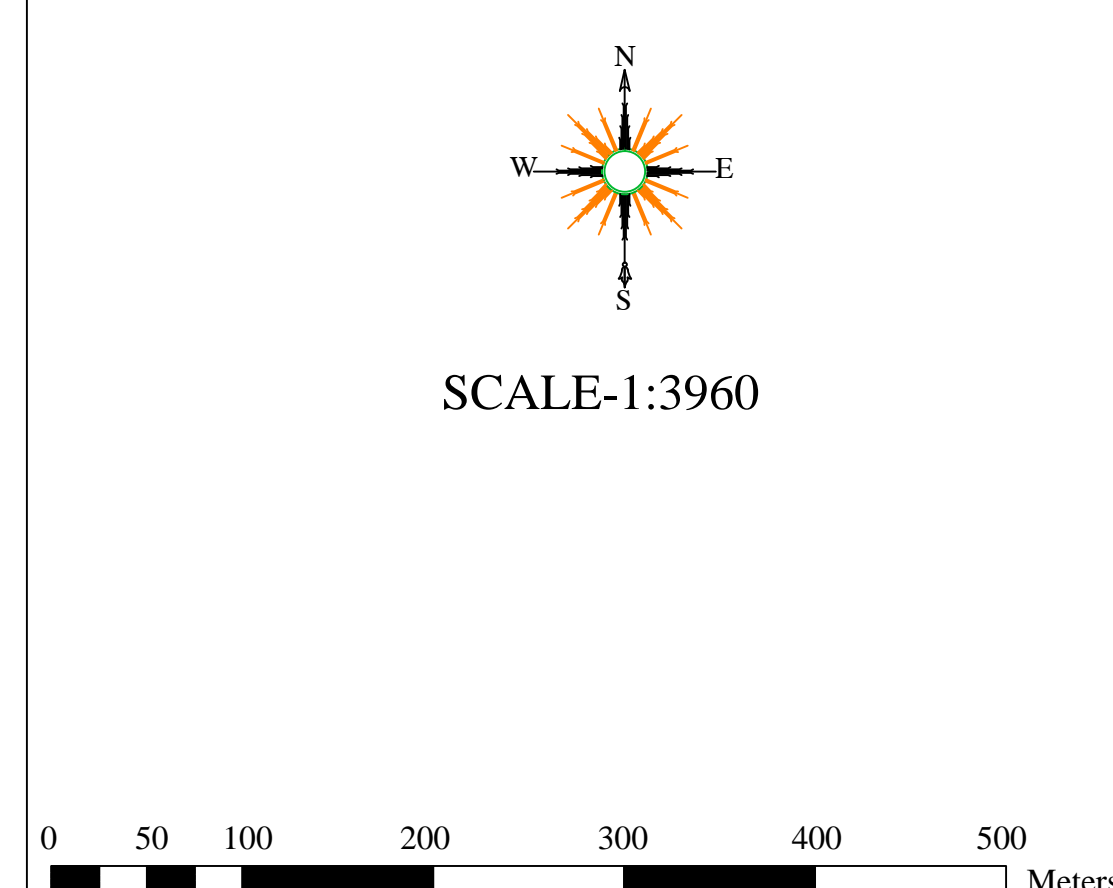
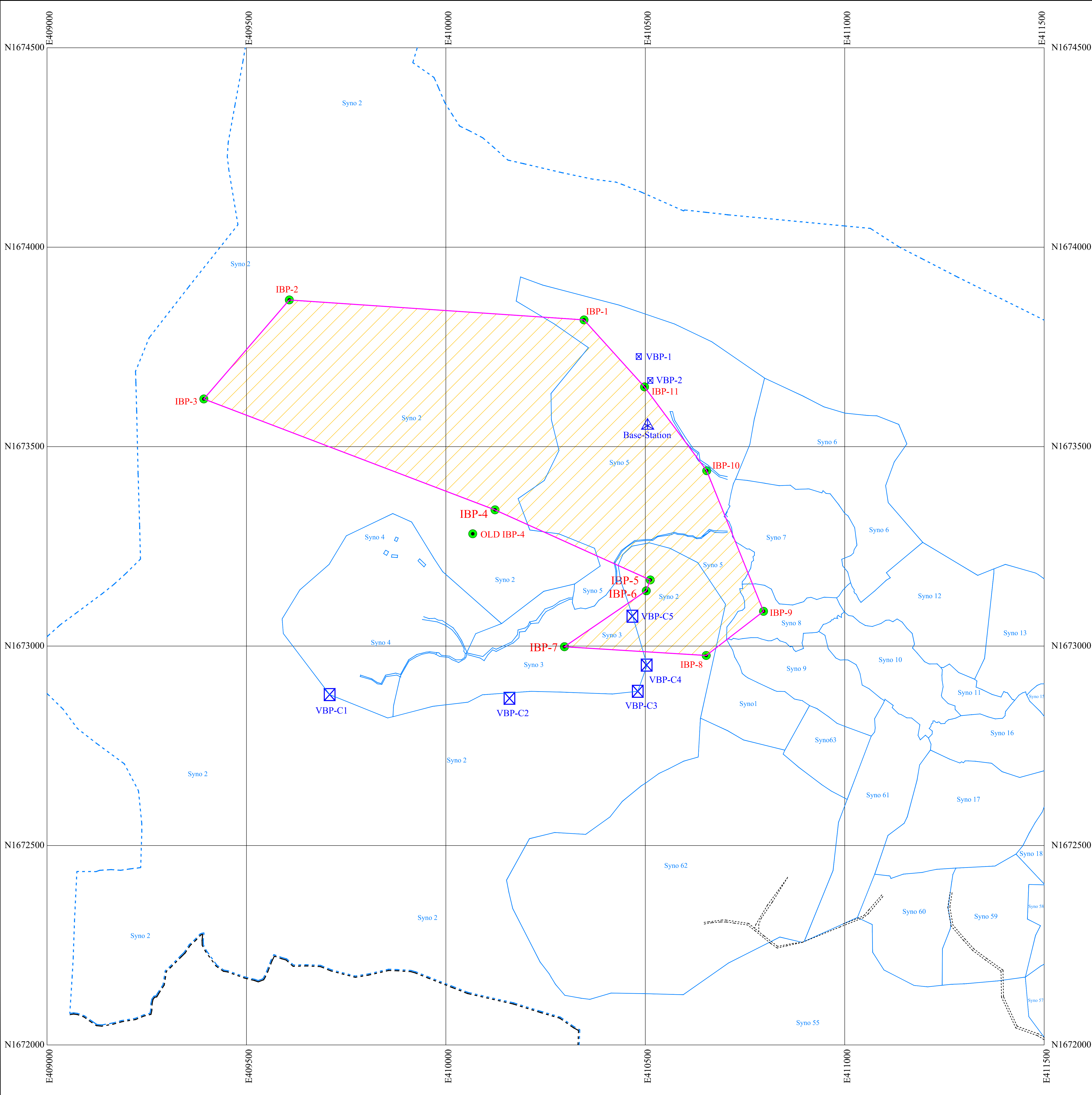
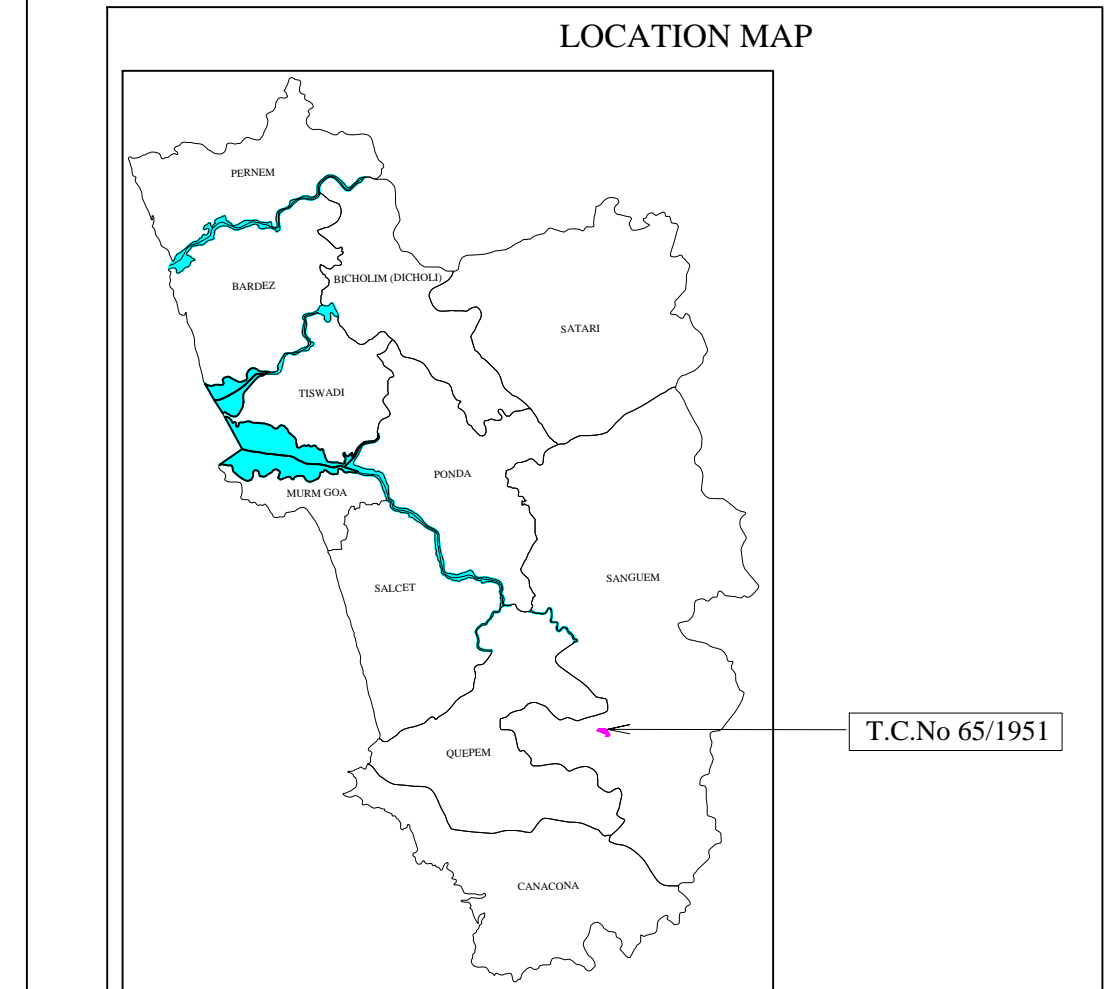


GEO REFERENCED CADASTRAL MAP OF POLA DONGOR IRON&MANGANESE ORE MINES, MINING LEASE BEARING T.C.No-65/7-12-1951, SITUATED IN CURPEM VILLAGE OF SANGUEM TALUKA,SOUTH GOA DISTRICT,GOA STATE.



- 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
 - SUB DIVISION OF SURVEY No
 - TALUKA BOUNDARY
 - VILLAGE BOUNDARY
 - CART TRACK

DATUM : WGS 84
PROJECTION : UTM_ZONE_43N



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.65/1951. The same are surveyed as required by the Indian Bureau of Mines vide their Circular No.2/2010 dated 6-4-2010

Mines Manager

CERTIFICATE

This is certify that the boundary pillars as shown by Shri (Disignation) was surveyed by our team led by 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
Chaitanya Geo Lynx

S/no	POINT ID	LATITUDE	LONGITUDE	NORTHING	EASTING	DATE
1	Base-Station	15°08'10.06727"	74°10'01.37653"	1673552.512	410505.713	10-6-2013
2	IBP-1	15°08'18.67780"	74°09'56.00092"	1673817.694	410346.274	11-6-2013
3	IBP-2	15°08'20.21620"	74°09'31.24023"	1673867.787	409607.432	11-6-2013
4	IBP-3	15°08'12.10947"	74°09'24.09179"	1673619.513	409393.118	11-6-2013
5	IBP-4	15°08'03.15330"	74°09'48.58437"	1673341.521	410123.096	11-6-2013
6	IBP-5	15°07'57.48167"	74°10'01.65108"	1673165.768	410512.440	11-6-2013
7	IBP-6	15°07'56.59432"	74°10'01.32003"	1673138.540	410502.456	11-6-2013
8	IBP-7	15°07'52.00670"	74°09'54.46200"	1672998.355	410297.225	11-6-2013
9	IBP-8	15°07'51.33701"	74°10'06.37348"	1672976.428	410652.676	11-6-2013
10	IBP-9	15°07'54.95675"	74°10'11.17668"	1673087.108	410796.461	14-6-2013
11	IBP-10	15°08'06.41189"	74°10'06.36047"	1673439.630	410654.043	11-6-2013
12	IBP-11	15°08'13.23142"	74°10'01.10626"	1673649.766	410498.016	11-6-2013
13	OLD IBP-4	15°08'01.19319"	74°09'46.72387"	1673281.505	410067.336	11-6-2013
14	VBP-1	15°08'15.70564"	74°10'00.61493"	1673725.846	410483.640	28-5-2013
15	VBP-2	15°08'13.76048"	74°10'01.58860"	1673665.968	410512.474	28-5-2013
16	VBP-C 1	15°07'48.02900"	74°09'34.75796"	1672878.378	409708.637	28-5-2013
17	VBP-C 2	15°07'47.78400"	74°09'49.86357"	1672869.128	410159.478	28-5-2013
18	VBP-C 3	15°07'48.39479"	74°10'00.63807"	1672886.673	410481.145	28-5-2013
19	VBP-C 4	15°07'50.53462"	74°10'01.37399"	1672952.339	410503.360	28-5-2013
20	VBP-C 5	15°07'54.52104"	74°10'00.16187"	1673074.966	410467.646	28-5-2013

AREA AS WRITTEN ON LEASE PLAN	58.27 Ha.
AREA DETERMINED AFTER DIGITISATION OF LEASE PLAN	56.98 Ha.
ACTUAL AREA AFTER DGPS SURVEY	58.18 Ha.

S/no	Village Name	Survey No	Area In Ha
1	CURPEM	2	37.45
2	CURPEM	3	01.18
3	CURPEM	5	18.98
4	CURPEM	7	00.04
5	CURPEM	8	00.53

Prepared By
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GOVERNMENT OF GOA (ASSISTED AGENCY)
SURVEY GEOLOGY, MINING & ENVIRONMENTAL
CONSULTANTS/POPE, SANGUEM TALUKA, SOUTH GOA STATE.
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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

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