निर्यात के लिए नहीं NOT FOR EXPORT

OPEN SERIES MAP

No. F42F6

Scale 1:50,000

F42F1 (41M/1)	F42F5 (41M/5) Pillar GUJARAT	F42F9 (41M/9)
F42F2 (41M/2)	F42F6 (41M/6)	F42F10 (41M/10)
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2 Surendranagar, GUJARAT.

भारतीय सर्वेक्षण विभाग

SURVEY OF INDIA

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CONVENTIONAL SYMBOLS

Express highway with toll; with bridge; with distance stone
Roads, metalled; according to importance
Roads, double carriageway; according to importance
Unmetalled road. Cart-track. Pack-track with pass. Foot-path
Streams with track in bed; undefined. Canal
Dams: masonry or rock-fill; earthfills. Weir
River: dry with inner channel; with shoal & rocks. Tidal river
Submerged rocks. Shoal. Swamp. Reeds
Wells: lined; unlined. Tube-well. Spring. Tank; perennial; dry
Embankments: road or rail; tank. Broken ground
Railways, broad gauge: double; single with station; minor stations
Railways, other gauges: double; single with distance stone
Mineral line or tramway. Kiln. Cutting with tunnel
Contours with subsidiaries. Rocky copes. Cliffs
Sand features (1)tor. (2)sand-hills(permanent. (3)dunes(shifting)
Towns or Villages inhabited; deserted. Fort
Huts: permanent; temporary. Tower. Antiquities
Temple. Chhatri. Church. Mosque. Idgah. Tomb. Graves
Lighthouse. Lightship. Buoys: lighted. unlighted. Anchorage
Mine. Mine on trolls. Grass. Scrub
Palms: palmyra; other. Plantain. Conifer. Bamboo. Other trees
Areas: cultivated; wooded. Surveyed/ring
Boundary, international
" state: demarcated; undemarcated
" district; subdivision; tahsil or tattur; forest
Boundary pillars: surveyed; unsurveyed
Heights, triangulated: station; point; approximate 200
Bench-mark: geodetic; tertiary; canal BM 63-3
Post office. Overhead tank
Rest house or Inspection bungalow. Circuit house. Police station
Carrying ground. Forest: reserved; protected RF
Spaced names: administrative; locality or tribal KIKRI
Hospital. Dispensary. Veterinary. Hospital / Dispensary
Aerodrome. Heliport. Tourist site
Power line: with pylons surveyed; with poles unsurveyed

NOTES :-

Heights and Contours have not been shown.
A relative height, ⊿h, represents the approximate height, in metres between the top and bottom of a steep slope.
The areas of Kachchh District in this sheet is not included in any tahsil.
Tanks, shown dry in this area usually contain water from July to January.
Artesian wells in this sheet are mostly erasicen.

COMPILATION INDEX

A. Surveyed during 1986-88. Updated for major details during 2006-01 and 2006-07.

Projection - UTM Datum - WGS 84

Magnetic Variation from True North about 1° West in 2005.
(Decreasing by about 1' annually).

1:50,000

500 m to 1 cm 2 cm to 1 km

Metres 1000 500 0 1 2 3 Kilometres

For further details about this map, please contact
Director
Gujarāti, Damān & Dīu Geo-Spatial Data Centre
Survey of India, Sector-10 (A)
Gāndhinagar

WEBSITE - www.surveyofindia.gov.in

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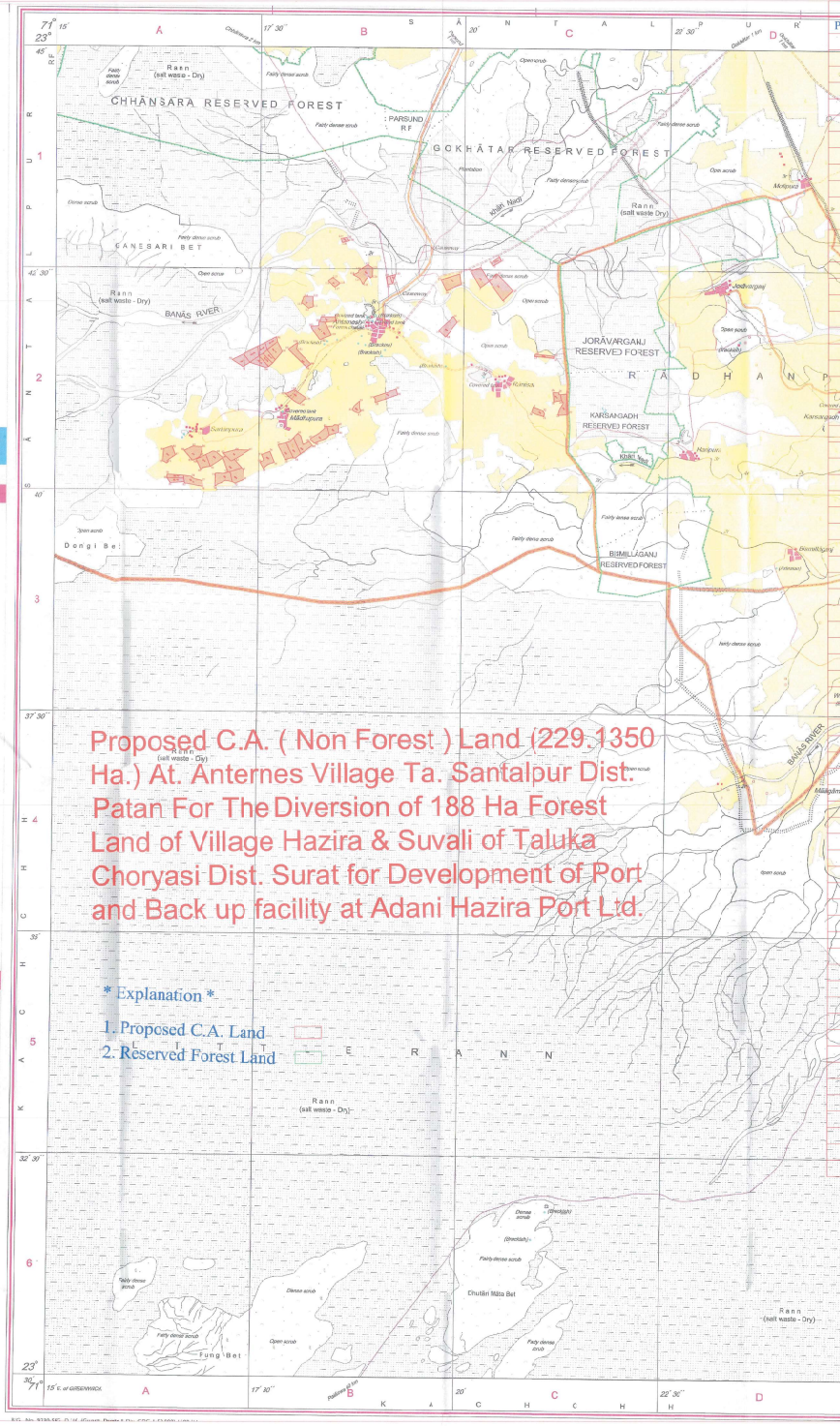

GCN NETWORK DETAILS			GCN NETWORK DETAILS		
Point ID	Easting	Northing	Point ID	Easting	Northing
1	X = 738525.5058	Y = 2624321.2945	71	X = 732682.9408	Y = 2619789.1325
2	X = 738370.0486	Y = 2624309.0587	72	X = 732787.3077	Y = 2619486.3788
3	X = 738380.0486	Y = 2624109.3763	73	X = 732514.4127	Y = 2619451.3571
4	X = 738333.5233	Y = 2624180.6814	74	X = 732[illegible]	Y = 2619167.8896
5	X = 738122.7919	Y = 2624074.5484	75	X = 732[illegible]	Y = 2619249.0129
6	X = 737911.0297	Y = 2623994.1304	76	X = 732218.7810	Y = 2619152.0450
7	X = 738122.5790	Y = 2623636.0195	77	X = 732237.3267	Y = 2619284.1323
8	X = 738299.5811	Y = 2623785.4760	78	X = 731998.5720	Y = 2619374.5260
9	X = 738617.4888	Y = 2623378.0415	79	X = 731486.4235	Y = 2619404.1036
10	X = 738850.7584	Y = 2623596.3238	80	X = 731482.8530	Y = 2619331.3690
11	X = 738480.2238	Y = 2623955.8622	81	X = 731563.3010	Y = 2619216.9370
12	X = 737650.4175	Y = 2623921.6464	82	X = 731867.5463	Y = 2619221.5569
13	X = 737268.1176	Y = 2623765.7626	83	X = 732013.9129	Y = 2619714.3945
14	X = 737387.4967	Y = 2623553.8126	84	X = 731835.4655	Y = 2619928.3624
15	X = 737708.3201	Y = 2623696.0265	85	X = 732009.4850	Y = 2620020.5713
16	X = 737561.2890	Y = 2623001.[illegible]	86	X = 732219.7795	Y = 2622[illegible]
17	X = 737649.3898	Y = 2622881.1344	87	X = 731650.6697	Y = 2619825.0106
18	X = 737403.5187	Y = 2622552.4279	88	X = 731572.6828	Y = 2620018.1084
19	X = 737254.5658	Y = 2622687.7706	89	X = 731396.7498	Y = 2619351.8056
20	X = 740620.1054	Y = 2622287.1217	90	X = 731373.9613	Y = 2619690.9925
21	X = 740184.4374	Y = 2622219.6737	91	X = 731467.4908	Y = 2619415.5870
22	X = 740005.7357	Y = 2622172.8810	92	X = 732798.8940	Y = 2621920.8828
23	X = 739597.1018	Y = 2622207.0732	93	X = 733037.9443	Y = 2621767.0553
24	X = 740009.6697	Y = 2621395.2126	94	X = 733528.2292	Y = 2621768.5000
25	X = 740141.1662	Y = 2621414.5276	95	X = 733886.6250	Y = 2621346.6320
26	X = 740301.0936	Y = 2621414.7202	96	X = 733746.0656	Y = 2622446.5561
27	X = 740415.6241	Y = 2620989.3353	97	X = 734019.0757	Y = 2622180.4744
28	X = 740210.1314	Y = 2620938.4171	98	X = 734409.5730	Y = 2621802.9412
29	X = 740273.9974	Y = 2621203.2193	99	X = 734592.0042	Y = 2621862.9241
30	X = 740063.3157	Y = 2621190.7382	100	X = 734203.2503	Y = 2622331.2113
31	X = 739916.5448	Y = 2620844.6534	101	X = 734188.2580	Y = 2622187.0255
32	X = 739875.1939	Y = 2620965.8318	102	X = 734587.0179	Y = 2622409.1169
33	X = 739676.0796	Y = 2621001.8155	103	X = 734485.7260	Y = 2622689.3392
34	X = 739625.8574	Y = 2620884.2015	104	X = 734656.7792	Y = 2622804.4573
35	X = 736366.2799	Y = 2621396.1088	105	X = 734697.9927	Y = 2622896.1814
36	X = 736397.2867	Y = 2621268.4196	106	X = 734994.7088	Y = 2622913.2733
37	X = 735884.3563	Y = 2621206.2975	107	X = 735008.4925	Y = 2622824.1158
38	X = 735917.6939	Y = 2621088.1687	108	X = 734845.5767	Y = 2622677.1706
39	X = 735879.3783	Y = 2621105.9785	109	X = 734920.1528	Y = 2622515.2411
40	X = 735616.3550	Y = 2620[illegible]	110	X = 734509.6360	Y = 2623341.2820
41	X = 735563.5009	Y = 2620843.0739	111	X = 734521.3324	Y = 2623117.5910
42	X = 735427.4611	Y = 2620913.4170	112	X = 734421.9003	Y = 2623[illegible]
43	X = 735134.3622	Y = 2620576.0270	113	X = 734256.5056	Y = 2623[illegible]
44	X = 735137.9930	Y = 2620422.0654	114	X = 734302.4611	Y = 2623340.3472
45	X = 734838.3930	Y = 2620503.2872	115	X = 734928.0096	Y = 2623761.4451
46	X = 734637.7848	Y = 2620168.5881	116	X = 734826.2184	Y = 2623686.1702
47	X = 734545.8701	Y = 2620264.0789	117	X = 734961.6088	Y = 2623549.3989
48	X = 734592.8736	Y = 2620[illegible]	118	X = 735067.8756	Y = 2623637.3709
49	X = 734523.6746	Y = 2620[illegible]	119	X = 735576.5595	Y = 2623628.5476
50	X = 734269.0465	Y = 2620[illegible]	120	X = 735781.7880	X = 735781.7880
51	X = 734[illegible]	Y = 2620[illegible]	121	X = 735782.2340	Y = 2623985.8475
52	X = 733[illegible]	Y = 2620[illegible]	122	X = 735878.0310	Y = 2624058.2636
53	X = 734031.1381	Y = 2619[illegible]	123	X = 735833.9[illegible]	Y = 2623930.5795
54	X = 734240.4112	Y = 2619844.0279	124	X = 735306.5[illegible]	Y = 2623831.8840
55	X = 733785.2554	Y = 2619727.5328	125	X = 735506.5[illegible]	Y = 2623760.8019
56	X = 733683.2219	Y = 2619960.0269	126	X = 735206.5786	Y = 2624631.6611
57	X = 733499.5142	Y = 2619886.4193	127	X = 735074.1[illegible]	Y = 2624614.2876
58	X = 733465.5242	Y = 2619719.6378	128	X = 735097.9966	Y = 2624529.9787
59	X = 733548.3002	Y = 2619584.0138	129	X = 735260.6452	Y = 2624564.9512
60	X = 733129.8318	Y = 2619342.1840	130	X = 736069.6[illegible]	Y = 2623807.1267
61	X = 331[illegible]	Y = 2619[illegible]	131	X = 736095.9531	Y = 2623646.3021
62	X = 32911.8242	Y = 2619761.6254	132	X = 736220.1511	Y = 2623[illegible]
63	X = 33255.6170	Y = 2619976.1405	133	X = 736284.5148	Y = 2623862.2591
64	X = 332976.4378	Y = 2619971.9342	134	X = 734170.5293	Y = 2621312.2534
65	X = 332667.9147	Y = 2619896.5370	135	X = 734419.7369	Y = 2621537.2206
66	X = 332523.9943	X = 332523.9943	136	X = 734286.0105	Y = 2621[illegible].5783
67	X = 332166.1155	Y = 2619800.5250	137	X = 733981.8246	Y = 2621281.4943
68	X = 332081.3427	Y = 2619742.9852			
69	X = 332187.8372	Y = 2619535.2288			
70	X = 332405.8089	Y = 2619504.1197			

(Eindu Patel)
Deputy Conservator of forest
Patan Forest Division, Patan