

## SANAND BRANCH CANAL

<b>1</b>	Name of Canal	:	<b>SANAND BRANCH CANAL</b>
<b>2</b>	Off taking chainage from NMC (Km.)	:	258.632 Kms.
<b>3</b>	Type of Canal	:	Ridge Canal
<b>4</b>	Length of Branch Canal (Km.)	:	28.170 Km.
<b>5</b>	F.S.L. of Main Canal (mt.)	:	62.569 m.
<b>6</b>	F.S.L. of Branch Canal (mt.)	:	
	Off Taking Point		61.630 m.
	Tail Point		34.128 m.
<b>7</b>	Breadth X Depth	:	6.00 m X 2.80 m
<b>8</b>	Discharge at head	:	31.39 cumecs (1108 cusecs)

This 28.170 Km long **Sanand Branch Canal** passes through Kadi taluka of Mehsana District, Sanand Taluka of Ahmedabad District. Sanand Branch Canal crosses Irana-Indroda drain at Ch. 3.259 Km. It emanates from Narmada Main Canal at Ch. 258.632 Km near Village Vansol, Ta. Kadi, Dist. Mehsana. RL 61.630 mt and runs upto tail near village. Chharodi, Ta. Sanand, Dist. Ahmedabad RL 34.128 mt.

There are Paddy, Cotton, Juvar, Pulses, Wheat, Vegetables, Gram, Linseed Crops generally being shown in the command area of this canal. The soil in command area is of SM, SM-SC, CL, SC & CI. The general slope of command area is flat. There are 8 Nos of falls with total 17.087 mt drop of all falls, constructed on the canal to traverse the geography.

The canal was constructed between 1998 to 2004 of a total cost of 2928.77 lacs. It is capable of running discharge at head 31.387 cumecs (1108.27 cusec) and at tail 8.074 cumecs ( 285.09 cusec)

There are 19 bridges and 8 Nala crossing located on the canal for passing through the region.

This canal serves 1.33 lacs people of 64 villages of Kadi Taluka of Mehsana District, Sanand & Viramgam taluka of Ahmedabad district & Kalol Taluka of Gandhinagar district. There is no water supply network constructed by the GWSSB on this canal.

## Sanand Branch Canal

Canal Name	Canal Classification	Offtaking Chainage (km)	Total Length (km)	Completed Length (km)	Water Flown Length (km)	Ongoing work Length (km)	Yet to take up Length (km)	Total Sub Minors		Completed SM		SM to Takeup	
								Nos	CCA (Ha)	Nos	CCA (Ha)	Nos	CCA (Ha)
<b>Sanand</b>	<b>Branch</b>	<b>258.632</b>	<b>28.17</b>	<b>28.17</b>	<b>28.17</b>	<b>0</b>	<b>0</b>	<b>686</b>	<b>30344.75</b>	<b>464</b>	<b>20915.45</b>	<b>222</b>	<b>9429.3</b>
<b>Agol</b>	<b>Distributary</b>	<b>1.38</b>	<b>20.07</b>	<b>20.07</b>	<b>20.07</b>	<b>0</b>	<b>0</b>	<b>199</b>	<b>9360</b>	<b>173</b>	<b>8108</b>	<b>26</b>	<b>1252</b>
Wamaj	Minor (Open)	0.63	1.985	1.985	1.985	0	0	3	159	3	159	0	0
Fulera	Minor (Open)	0.63	3.61	3.61	3.61	0.00	0.00	6.00	232.00	6.00	232.00	0.00	0.00
Borrisana	Minor (Open)	3.45	3.46	3.46	3.46	0.00	0.00	9.00	405.00	9.00	405.00	0.00	0.00
Adraj-1	Minor (Open)	4.60	2.58	2.58	2.58	0.00	0.00	7.00	377.00	7.00	377.00	0.00	0.00
Siyapura	Minor (Open)	5.76	4.72	4.72	4.72	0.00	0.00	6.00	319.00	6.00	319.00	0.00	0.00
Adaraj-2	Minor (Open)	6.00	4.89	4.89	4.89	0.00	0.00	15.00	670.00	15.00	670.00	0.00	0.00
Manipura	Minor (Open)	6.06	2.48	2.48	2.48	0.00	0.00	8.00	395.00	8.00	395.00	0.00	0.00
Merda	Minor (Open)	7.01	3.36	3.36	3.36	0.00	0.00	9.00	363.00	9.00	363.00	0.00	0.00
Lohor-1	Minor (Open)	9.18	3.72	3.72	3.72	0.00	0.00	12.00	582.00	12.00	582.00	0.00	0.00
Daran-1	Minor (Open)	10.20	4.59	4.59	4.59	0.00	0.00	11.00	530.00	10.00	466.00	1.00	64.00
Lohor-2	Minor (Open)	10.20	3.73	3.73	3.73	0.00	0.00	13.00	609.00	13.00	609.00	0.00	0.00
Bavlu-1	Minor (Open)	14.25	4.07	4.07	4.07	0.00	0.00	10.00	499.00	0.00	0.00	10.00	499.00
Daran-2	Minor (Open)	14.25	3.13	0.00	0.00	0.00	0.00	14.00	626.00	8.00	362.00	6.00	264.00
Sonvad-1	Minor (Open)	16.43	2.81	2.81	2.81	0.00	0.00	9.00	453.00	8.00	407.00	1.00	46.00
Bavlu-2	Minor (Open)	17.55	3.07	3.07	3.07	0.00	0.00	9.00	388.00	9.00	388.00	0.00	0.00
Sonvad-2	Minor (Open)	17.55	3.43	3.43	3.43	0.00	0.00	8.00	389.00	4.00	201.00	4.00	188.00
Agol-1	Minor (Open)	18.72	4.65	4.65	4.65	0.00	0.00	18.00	810.00	15.00	663.00	3.00	147.00
Agol-2	Minor (Open)	20.04	2.80	2.80	2.80	0.00	0.00	7.00	376.00	7.00	376.00	0.00	0.00
Medha	Minor (Open)	20.04	3.00	3.00	3.00	0.00	0.00	13.00	608.00	13.00	608.00	0.00	0.00
Nadan	Minor (Open)	20.07	6.12	6.12	6.12	0.00	0.00	12.00	570.00	11.00	526.00	1.00	44.00

Canal Name	Canal Classification	Offtaking Chainage (km)	Total Length (km)	Completed Length (km)	Water Flown Length (km)	Ongoing work Length (km)	Yet to take up Length (km)	Total Sub Minors		Completed SM		SM to Takeup	
								Nos	CCA (Ha)	Nos	CCA (Ha)	Nos	CCA (Ha)
<b>Moti Bhoyan</b>	<b>Distributary</b>	<b>1.435</b>	<b>3.614</b>	<b>3.614</b>	<b>3.614</b>	<b>0</b>	<b>0</b>	<b>37</b>	<b>1695.41</b>	<b>33</b>	<b>1543.1</b>	<b>4</b>	<b>152.31</b>
Wamaj-1	Minor (Open)	0.36	1.24	1.24	1.24	0.00	0.00	4.00	160.36	4.00	160.36	0.00	0.00
Wamaj-2	Minor (Open)	1.24	1.88	1.88	1.88	0.00	0.00	6.00	239.02	6.00	239.02	0.00	0.00
Wansajada -1	Minor (Open)	3.57	3.01	3.01	3.01	0.00	0.00	8.00	406.00	8.00	406.00	0.00	0.00
Wansajada -2	Minor (Open)	3.61	2.45	2.45	2.45	0.00	0.00	9.00	460.00	9.00	460.00	0.00	0.00
Motibhoyan	Minor (Open)	3.61	4.95	4.95	4.95	0.00	0.00	10.00	430.03	6.00	277.72	4.00	152.31
<b>Hajipur</b>	<b>Distributary</b>	<b>6.225</b>	<b>0.315</b>	<b>0.315</b>	<b>0.315</b>	<b>0</b>	<b>0</b>	<b>23</b>	<b>1036.16</b>	<b>16</b>	<b>733.13</b>	<b>7</b>	<b>303.03</b>
Hajipur	Minor (Open)	0.32	6.29	6.29	6.29	0.00	0.00	12.00	541.19	8.00	376.97	4.00	164.22
Wadavi	Minor (Open)	0.32	2.00	2.00	2.00	0.00	0.00	11.00	494.97	8.00	356.16	3.00	138.81
<b>Thol</b>	<b>Distributary</b>	<b>8.944</b>	<b>5.863</b>	<b>1.733</b>	<b>1.733</b>	<b>4.13</b>	<b>0</b>	<b>34</b>	<b>1419.55</b>	<b>1</b>	<b>35.55</b>	<b>33</b>	<b>1384</b>
Thol - 2	Minor (UGPL)	2.29	3.33	3.33	3.33	0.00	0.00	8.00	363.40	1.00	35.55	7.00	327.85
Thol - 3	Minor (UGPL)	3.22	1.20	1.20	1.20	0.00	0.00	4.00	137.19	0.00	0.00	4.00	137.19
Wayana	Minor (UGPL)	5.88	6.24	0.00	6.24	6.24	0.00	14.00	541.21	0.00	0.00	14.00	541.21
Thol - 4	Minor (UGPL)	5.88	1.32	1.32	1.32	0.00	0.00	3.00	145.11	0.00	0.00	3.00	145.11
<b>Kanjari</b>	<b>Distributary</b>	<b>8.944</b>	<b>8.905</b>	<b>8.905</b>	<b>8.905</b>	<b>0</b>	<b>0</b>	<b>59</b>	<b>2658.07</b>	<b>59</b>	<b>2658.07</b>	<b>0</b>	<b>0</b>
Ambaliyara	Minor (Open)	0.04	5.85	5.85	5.85	0.00	0.00	14.00	644.72	14.00	644.72	0.00	0.00
Laxmanpura	Minor (Open)	1.77	2.59	2.59	2.59	0.00	0.00	8.00	343.03	8.00	343.03	0.00	0.00
Jaloda	Minor (Open)	3.86	2.31	2.31	2.31	0.00	0.00	8.00	342.08	8.00	342.08	0.00	0.00
Bavlu	Minor (Open)	4.94	4.33	4.33	4.33	0.00	0.00	12.00	511.19	12.00	511.19	0.00	0.00
Kanjari 2	Minor (Open)	8.91	5.10	5.10	0.00	0.00	0.00	7.00	370.09	7.00	370.09	0.00	0.00
Kanjari 1	Minor (Open)	8.91	3.82	3.82	0.00	0.00	0.00	10.00	446.96	10.00	446.96	0.00	0.00

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								Nos	CCA (Ha)	Nos	CCA (Ha)	Nos	CCA (Ha)
<b>Rampura</b>	<b>Distributary</b>	<b>14.625</b>	<b>8.505</b>	<b>8.505</b>	<b>8.505</b>	<b>0</b>	<b>0</b>	<b>70</b>	<b>3376.58</b>	<b>61</b>	<b>2955.34</b>	<b>9</b>	<b>421.24</b>
Mulsan Andej	Minor (Open)	0.04	7.69	7.69	7.69	0.00	0.00	21.00	1046.21	20.00	984.99	1.00	61.22
Mulsan -2	Minor (Open)	2.16	3.26	3.26	3.26	0.00	0.00	9.00	422.54	9.00	422.54	0.00	0.00
Bhavanpura 1	Minor (Open)	3.60	4.17	4.17	4.17	0.00	0.00	8.00	382.28	8.00	382.28	0.00	0.00
Bhavanpura 2	Minor (Open)	5.88	2.53	2.53	2.53	0.00	0.00	6.00	275.89	6.00	275.89	0.00	0.00
Rampura	Minor (Open)	8.51	2.31	2.31	2.31	0.00	0.00	18.00	889.64	18.00	889.64	0.00	0.00
Cekhala	Minor (Open)	8.51	5.64	5.64	5.64	0.00	0.00	8.00	360.02	0.00	0.00	8.00	360.02
<b>lawa</b>	<b>Distributary</b>	<b>17.318</b>	<b>9.33</b>	<b>9.33</b>	<b>9.33</b>	<b>0</b>	<b>0</b>	<b>35</b>	<b>1490.29</b>	<b>26</b>	<b>1132.7</b>	<b>9</b>	<b>357.59</b>
Andej-1	Minor (Open)	0.40	4.28	4.28	4.28	0.00	0.00	9.00	423.75	9.00	423.75	0.00	0.00
Andej-3	Minor (Open)	3.24	3.18	3.18	3.18	0.00	0.00	10.00	404.51	6.00	233.91	4.00	170.60
Yashwantpura	Minor (Open)	5.66	4.39	4.39	4.39	0.00	0.00	7.00	291.37	7.00	291.37	0.00	0.00
lawa-1	Minor (Open)	8.25	1.35	1.35	1.35	0.00	0.00	5.00	186.99	0.00	0.00	5.00	186.99
lawa-3	Minor (Open)	9.33	1.75	1.75	1.75	0.00	0.00	4.00	183.67	4.00	183.67	0.00	0.00
<b>Nadan</b>	<b>Distributary</b>	<b>17.318</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>0</b>	<b>0</b>	<b>33</b>	<b>1262.34</b>	<b>25</b>	<b>925.89</b>	<b>8</b>	<b>336.45</b>
Govindpura	Minor (Open)	0.30	4.30	4.30	4.30	0.00	0.00	18.00	725.48	14.00	533.91	4.00	191.57
Nadan	Minor (Open)	0.30	7.70	7.70	7.70	0.00	0.00	15.00	536.86	11.00	391.98	4.00	144.88
<b>Chandrasan Direct (D.O)</b>	<b>Minor (Open)</b>	<b>21.87</b>	<b>3.99</b>	<b>3.99</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>11.00</b>	<b>448.04</b>	<b>10.00</b>	<b>390.50</b>	<b>1.00</b>	<b>57.54</b>

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								Nos	CCA (Ha)	Nos	CCA (Ha)	Nos	CCA (Ha)
<b>Zolapur</b>	<b>Distributary</b>	<b>21.874</b>	<b>16.4</b>	<b>16.4</b>	<b>16.4</b>	<b>0</b>	<b>0</b>	<b>170</b>	<b>6901.88</b>	<b>52</b>	<b>2069.96</b>	<b>118</b>	<b>4831.92</b>
Chandrasan	Minor (Open)	0.23	4.05	4.05	4.05	0.00	0.00	8.00	273.62	7.00	237.68	1.00	35.94
Dodar-1	Minor (Open)	2.40	1.46	1.46	1.46	0.00	0.00	7.00	298.00	4.00	169.00	3.00	129.00
Dodar-2	Minor (Open)	3.68	4.71	4.71	4.71	0.00	0.00	13.00	504.22	10.00	405.80	3.00	98.42
Virochannagar-1	Minor (Open)	5.20	3.38	3.38	3.38	0.00	0.00	8.00	356.31	7.00	303.61	1.00	52.70
Virochannagar-2	Minor (Open)	5.49	6.05	6.05	6.05	0.00	0.00	12.00	469.42	10.00	388.22	2.00	81.20
Khoraj-1	Minor (Open)	9.38	5.80	5.80	5.80	0.00	0.00	19.00	801.00	0.00	0.00	19.00	801.00
Khoraj-3	Minor (Open)	9.38	10.50	10.50	10.50	0.00	0.00	26.00	972.00	0.00	0.00	26.00	972.00
Khoraj-2	Minor (Open)	11.40	2.52	2.52	2.52	2.52	0.00	8.00	393.00	0.00	0.00	8.00	393.00
Khoraj-4	Minor (Open)	13.29	3.41	3.41	3.41	0.00	0.00	8.00	343.30	0.00	0.00	8.00	343.30
Ogan-Bakrana	Minor (Open)	16.20	6.47	6.47	6.47	0.00	0.00	23.00	971.57	6.00	244.46	17.00	727.11
Zolapur-2	Minor (Open)	16.30	7.04	7.04	7.04	0.00	0.00	17.00	663.77	2.00	78.60	15.00	585.17
Zolapur-1	Minor (Open)	16.40	5.87	5.87	5.87	0.00	0.00	21.00	855.67	6.00	242.59	15.00	613.08
<b>Naranpura(D.O)</b>	<b>Minor (Open)</b>	<b>25.79</b>	<b>1.74</b>	<b>1.74</b>	<b>1.74</b>	<b>0.00</b>	<b>0.00</b>	<b>6.00</b>	<b>283.86</b>	<b>4.00</b>	<b>177.33</b>	<b>2.00</b>	<b>106.53</b>
<b>Chharodi (D.O)</b>	<b>Minor (Open)</b>	<b>25.79</b>	<b>3.33</b>	<b>3.33</b>	<b>0.15</b>	<b>0.00</b>	<b>0.00</b>	<b>9.00</b>	<b>412.57</b>	<b>4.00</b>	<b>185.88</b>	<b>5.00</b>	<b>226.69</b>