ANNEXURES

16 S Sulphur 32.066
7 N Nitrogen 14.007
6 C Carbon 12.011
13 Al Aluminum 26.982
30 Zn Zinc 65.38
29 Cu Copper 63.546
28 Ni Nickel 58.693
27 Co Cobalt 58.933
26 Fe Iron 55.845
25 Mn Manganese 54.938
24 Cr Chromium 51.996
42 Mo Molybdenum 95.95
23 V Vanadium 50.942
22 Ti Titanium 47.867
12 Mg Magnesium 24.305
20 Ca Calcium 40.078
38 Sr Strontium 87.62
56 Ba Barium 137.328

Annexure 1. Elemental concentration in the sediment core RH raised from Rohisa

Sample Id	Depth (cm)	BP (cal yr)	AD	ppm							%				
				Cu	Sr	Ba	Co	V	Cr	Mn	Al_2O_3	FeO	MgO	TiO_2	CaO
RH-0-2	1	79	1935	93	349	192	22.6	**1113**	107	762	14.6	5.2	4.42	6.0	10.1
RH-2-4	3	118	1896	122	401	185	35.1	1805	176	996	14.4	7.0	4.47	11.2	9.1
RH-4-6	5	195	1819	126	367	187	34.4	1783	176	978	17	6.2	4.23	11.2	7.4
RH-6-8	7	272	1742	121	375	189	36.6	1871	174	947	19.3	9.3	4.32	12.3	13.0
RH-8-10	9	349	1665	114	223	170	33.1	1576	148	1110	16.8	8.2	3.7	10.3	8.4
RH-10-12	11	426	1588	135	193	202	41.2	2056	171	1745	14	9.8	4.43	13.8	7.9
RH-12-14	13	503	1511	120	220	203	41.3	2107	176	1183	13.2	9.8	4.31	13.5	8.0
RH-14-16	15	580	1434	130	253	214	48.2	2148	184	1850	13	10.5	4.68	13.8	8.6
RH-16-18	17	658	1356	110	168	155	38.1	2031	157	996	11.4	8.6	3.51	12.6	6.0
RH-18-20	19	735	1279	130	233	224	49.1	2287	192	1662	17.4	11.8	6.37	14.5	12.3
RH-20-22	21	812	1202	117	300	189	42.2	2122	179	1410	15.6	10.9	5.8	13.4	14.6
RH-22-24	23	889	1125	119	240	202	41.8	2052	177	1287	16.5	11.5	6.24	13.3	12.9
RH-24-26	25	966	1048	129	234	201	42.1	2138	197	1023	17	12.1	6.49	13.6	13.1
RH-26-28	27	1043	971	123	224	192	41.3	2073	182	989	17.1	12.1	6.22	13.5	14.3
RH-28-30	29	1120	894	110	196	171	35.4	2087	173	716	15.2	10.8	5.53	14.6	11.7
RH-30-32	31	1197	817	117	225	183	38.6	1962	182	814	16	11.2	6.1	13.9	13.4
RH-32-34	33	1275	739	113	221	170	44.1	1923	163	890	14.7	10.6	5.54	13.0	12.6
RH-34-36	35	1352	662	133	272	203	41.2	2166	191	735	16	11.6	5.94	13.7	14.8
RH-36-38	37	1429	585	101	229	169	34.3	2007	178	633	15.6	11.8	5.8	13.2	13.3

Sample Id	Depth (cm)	BP (cal yr)	AD	Cu	Sr	Ba	Co	V	Cr	Mn	Al_2O_3	FeO	MgO	TiO_2	CaO
RH-38-40	39	1506	508	98	229	153	35.4	2164	163	638	14.2	10.9	4.35	13.5	9.0
RH-40-42	41	1548	466	100	251	155	36.6	2108	167	731	15.2	10.8	4.86	13.3	9.6
RH-42-44	43	1591	423	106	258	153	40	2011	171	416	13.7	10.9	4.17	13.0	8.2
RH-44-46	45	1633	381	93	287	131	35	2076	158	418	12.7	10.3	4.08	13.3	9.4
RH-46-48	47	1675	339	85	270	130	33.4	1990	146	375	13.5	10.6	4.35	12.6	9.2
RH-48-50	49	1717	297	105	298	134	42.6	2299	190	392	8.8	8.9	2.16	14.5	7.5
RH-50-52	51	1760	254	100	492	168	41.3	1676	186	690	13.2	10.0	4.3	10.7	12.4
RH-52-54	53	1802	212	107	419	137	42	1771	189	670	10.1	9.7	3.54	12.1	9.0
RH-54-56	55	1844	170	101	318	84	40.6	2157	188	421	4.6	9.4	0.99	14.0	4.8
RH-56-58	57	1886	128	84	519	112	33.8	1372	162	359	6.7	10.3	2.77	9.9	8.8
RH-58-60	59	1929	85	90	1799	151	36.7	1399	177	659	8.2	9.5	3.53	10.1	17.4
RH-60-62	61	1971	43					3252			7.3	11.3	2.89	22.2	8.5

Annexure 2. Al_2O_3 normalised major and trace elements for the active mudflat sediment core from Rohisa (RH)

Sample Id	Depth (cm)	BP (cal yr)	AD	Cr	V	Mn	Co	Cu	Sr	Ba	CaO	TiO_2	MgO	FeO
RH-0-2	1	79	1935	7.4	76.3	52.2	1.55	6.36	23.9	13.1	0.69	0.41	0.30	0.36
RH-2-4	3	118	1896	12.2	125.5	69.3	2.44	8.51	27.9	12.9	0.63	0.78	0.31	0.49
RH-4-6	5	195	1819	10.3	104.7	57.4	2.02	7.39	21.6	11.0	0.43	0.65	0.25	0.36
RH-6-8	7	272	1742	9.0	97.1	49.1	1.90	6.29	19.4	9.8	0.67	0.64	0.22	0.48
RH-8-10	9	349	1665	8.8	93.6	66.0	1.97	6.77	13.2	10.1	0.5	0.61	0.22	0.48
RH-10-12	11	426	1588	12.2	146.8	124.6	2.95	9.67	13.8	14.5	0.57	0.98	0.32	0.70
RH-12-14	13	503	1511	13.3	159.9	89.8	3.13	9.07	16.7	15.4	0.6	1.02	0.33	0.74
RH-14-16	15	580	1434	14.2	165.2	142.3	3.71	9.98	19.5	16.4	0.66	1.06	0.36	0.81
RH-16-18	17	658	1356	13.8	178.8	87.7	3.35	9.65	14.8	13.6	0.52	1.11	0.31	0.76
RH-18-20	19	735	1279	11.1	131.5	95.5	2.82	7.49	13.4	12.9	0.7	0.83	0.37	0.68
RH-20-22	21	812	1202	11.5	136.4	90.6	2.72	7.54	19.3	12.1	0.94	0.86	0.37	0.70
RH-22-24	23	889	1125	10.7	124.4	78.0	2.53	7.2	14.5	12.3	0.78	0.8	0.38	0.70
RH-24-26	25	966	1048	11.6	126.0	60.3	2.48	7.57	13.8	11.9	0.77	0.8	0.38	0.71
RH-26-28	27	1043	971	10.6	121.2	57.9	2.41	7.18	13.1	11.2	0.83	0.79	0.36	0.71
RH-28-30	29	1120	894	11.3	137.3	47.1	2.33	7.24	12.9	11.2	0.77	0.96	0.36	0.71
RH-30-32	31	1197	817	11.4	122.3	50.7	2.41	7.32	14.1	11.4	0.83	0.86	0.38	0.70
RH-32-34	33	1275	739	11.1	131.3	60.7	3.01	7.68	15.1	11.6	0.86	0.88	0.38	0.73
RH-34-36	35	1352	662	11.9	135.4	45.9	2.57	8.3	17.0	12.7	0.92	0.86	0.37	0.72
RH-36-38	37	1429	585	11.4	128.9	40.7	2.20	6.47	14.7	10.8	0.85	0.85	0.37	0.76
RH-38-40	39	1506	**508**	11.4	152.0	44.8	2.49	6.84	16.1	10.8	0.63	0.95	0.31	0.76
RH-40-42	41	1548	466	11.0	139.0	48.2	2.41	6.56	16.6	10.2	0.63	0.88	0.32	0.71

Sample Id	Depth (cm)	BP (cal yr)	AD	Cr	V	Mn	Co	Cu	Sr	Ba	CaO	TiO_2	MgO	FeO
RH-42-44	43	1591	423	12.5	146.7	30.4	2.92	7.72	18.8	11.1	0.6	0.95	0.31	0.80
RH-44-46	45	1633	381	12.4	163.0	32.8	2.75	7.27	22.5	10.3	0.74	1.05	0.32	0.81
RH-50-52	51	1760	254	14.1	127.2	52.4	3.13	7.6	37.4	12.8	0.94	0.81	0.33	0.76
RH-52-54	53	1802	212	18.7	175.0	66.2	4.15	10.57	41.4	13.6	0.89	1.2	0.35	0.96
RH-54-56	55	1844	170	41.0	470.6	91.8	8.85	22.01	69.4	18.3	1.05	3.05	0.22	2.06
RH-56-58	57	1886	128	24.1	204.2	53.4	5.04	12.5	77.2	16.7	1.31	1.48	0.41	1.54
RH-58-60	59	1929	85	21.5	170.1	80.1	4.46	10.95	218.7	18.3	2.11	1.23	0.43	1.15
RH-60-62	61	1971	**43**		444.3			0	0	0	1.16	3.04		1.54

Annexure 3. Inorganic and organic carbon concentration and TOC/TN for the sediment core RH retrieved from Rohisa active mudflat

Sample Id	Depth (cm)	BP (cal yr BP)	AD	TOC (%)	TOC/ TN	$CaCO_3$ (%)
RH-0-2	1	79	1935	1.42	13.8	10.5
RH-2-4	3	118	1896	1.09	14.4	12.2
RH-4-6	5	195	1819	0.84	11.5	11.7
RH-6-8	7	272	1742	1.04	14.8	11.1
RH-8-10	9	349	1665	0.69	14.7	7.9
RH-10-12	11	426	1588	0.87	19.0	6.7
RH-12-14	13	503	1511	0.72	20.0	6.2
RH-14-16	15	580	1434	0.68	9.9	6.4
RH-16-18	17	658	1356	0.73	14.5	5.9
RH-18-20	19	735	1279	0.7	17.9	5.7
RH-20-22	21	812	1202	0.8	21.1	7.7
RH-22-24	23	889	1125	0.79	14.3	6.2
RH-24-26	25	966	1048	0.81	13.7	6.3
RH-26-28	27	1043	971	0.77	14.8	6.1
RH-28-30	29	1120	894	0.88	17.6	7.6
RH-30-32	31	1197	817	0.99	19.9	5.6
RH-32-34	33	1275	739	0.77	13.5	7.0
RH-34-36	35	1352	662	0.77	12.2	8.0
RH-36-38	37	1429	585	0.66	12.2	7.3
RH-38-40	39	1506	**508**	0.88	17.5	8.2
RH-40-42	41	1548	466	1.11	25.1	8.4
RH-42-44	43	1591	423	1.08	13.2	7.5
RH-44-46	45	1633	381	1.07	12.8	10.7
RH-46-48	47	1675	339	1.36	22.6	9.1
RH-48-50	49	1717	297	1.25	25.5	10.3
RH-50-52	51	1760	254	1.55	18.2	12.2
RH-52-54	53	1802	212	1.39	20.2	11.2
RH-54-56	55	1844	170	1.31	21.1	13.4
RH-56-58	57	1886	128	1.13	32.2	15.5
RH-58-60	59	1929	85	0.83	16.9	25.5
RH-60-62	61	1971	**43**	1.04	17.9	14.7

Annexure 4. Elemental concentration for the sediment core raised from partially active mudflat of Diu (DV).

Sample Id	Depth (cm)	BP (cal yr)	ppm								%			
			Ni	Cu	Sr	Ba	Co	Zn	Cr	Mn	Al_2O_3	FeO	MgO	CaO
DV-0-2	1	71	43.8	46.6	234	222	23.0	38.2	91	752	7.1	6.1	6.0	23.2
DV-2-4	3	214	47.3	55.0	197	241	27.6	43.3	95	805	8.1	7.0	7.0	18.8
DV-4-6	5	357	50.4	59.7	188	215	28.5	56.6	100	809	8.7	7.7	7.6	20.0
DV-6-8	7	500	58.7	73.7	196	258	33.0	84.1	134	797	10.4	9.5	8.5	14.1
DV-8-10	9	642	61.0	72.2	168	245	33.5	71.1	112	879	10.5	10.9	8.4	10.0
DV-10-12	11	785	61.6	74.2	150	239	36.0	77.9	105	1012	11.3	11.4	7.1	8.1
DV-12-14	13	928	57.6	68.3	164	242	31.6	57.8	109	759	10.7	10.0	8.3	8.8
DV-14-16	15	1071	62.2	73.6	143	233	33.3	78.1	109	775	11.0	10.9	7.4	8.1
DV-16-18	17	1214	54.7	67.9	136	237	32.2	53.1	108	725	11.0	10.8	7.6	7.0
DV-18-20	19	1357	59.3	75.0	149	238	31.9	70.7	110	697	10.7	10.4	8.2	7.0
DV-20-22	21	1500	55.7	74.4	125	241	35.7	66.3	105	606	11.1	12.0	8.0	6.1
DV-22-24	23	1642	57.7	84.4	103	243	32.8	73.2	115	298	12.0	12.9	6.6	3.6
DV-24-26	25	1785	56.2	70.8	144	248	32.0	54.7	109	737	11.0	11.6	9.1	8.2
DV-26-28	27	1928	60.4	80.6	124	265	31.8	77.2	116	600	11.6	12.3	7.0	5.2
DV-28-30	29	2071	53.5	77.1	123	247	31.9	43.1	103	586	11.1	11.0	7.0	6.2
DV-30-32	31	2214	56.8	77.0	153	241	30.9	72.7	109	562	11.9	12.5	7.1	8.0
DV-32-34	33	2357	51.5	68.7	116	227	29.3	70.2	104	462	11.5	10.8	5.8	5.3
DV-34-36	35	2499	48.1	68.5	100	221	28.3	67.0	99	389	12.8	11.3	5.2	3.8
DV-36-38	37	2642	56.8	72.6	115	258	32.4	68.2	116	385	11.8	10.4	4.9	3.7

Sample Id	Depth (cm)	BP (cal yr)	Ni	Cu	Sr	Ba	Co	Zn	Cr	Mn	Al_2O_3	FeO	MgO	CaO
DV-38-40	39	2785	80.4	118	168	327	47.5	114	165	727	17.9	16.6	7.8	7.8
DV-40-42	41	2880	59.1	86.1	123	264	46.6	73.9	117	584	12.8	11.2	5.3	5.3
DV-42-44	43	2967	39.7	46.7	191	229	23.4	39.8	106	453	8.1	6.6	3.7	17.8
DV-44-46	45	3054	33.8	38.9	130	203	20.5	25.8	85	284	5.4	5.9	3.4	11.6
DV-46-48	47	3142	37.9	40.7	179	217	23.8	36.3	92	387	7.6	6.6	3.6	17.7
DV-48-50	49	3229	40.4	39.4	247	223	22.0	28.4	94	512	6.7	5.6	3.5	29.4
DV-50-52	51	3316	37.4	40.0	175	182	21.7	22.2	82	467	6.7	6.0	3.2	16.2
DV-52-54	53	3404	50.4	55.4	188	246	29.5	45.3	109	478	10.0	7.6	4.0	13.2
DV-54-56	55	3491	48.4	58.1	203	232	29.2	42.6	110	560	9.9	8.1	4.0	15.6
DV-56-58	57	3579	44.7	46.8	179	204	25.5	31.4	103	540	8.3	7.1	3.6	12.5
DV-58-60	59	3666	41.5	44.2	186	194	23.1	27.5	96	534	8.3	6.5	3.6	14.8
DV-60-62	61	3753	32.0	36.9	207	168	21.4	33.4	77	445	8.8	7.5	3.8	20.3
DV-62-64	63	3841	43.5	45.3	246	218	28.1	36.8	89	564	7.5	6.0	3.3	15.0
DV-64-66	65	3928	43.8	47.3	237	217	30.2	34.5	107	587	8.0	6.4	3.5	17.5
DV-66-68	67	4016	47.1	46.2	313	227	33.4	38.7	110	638	7.8	5.4	3.2	20.2
DV-68-70	69	4103	40.7	34.7	436	206	27.7	30.8	93	547	6.6	4.5	2.6	24.3

Annexure 5. Al_2O_3 normalised trace and major elements for the sediment core DV from Diu partially active mudflat

Sample Id	Depth (cm)	BP (cal yr)	Cr	Mn	Co	Ni	Cu	Sr	Ba	CaO	MgO	FeO
DV-0-2	1	71	12.7	105.4	3.2	6.1	6.5	32.7	31.1	3.3	0.84	0.85
DV-2-4	3	214	11.7	98.9	3.4	5.8	6.8	24.2	29.6	2.3	0.86	0.86
DV-4-6	5	357	11.5	93.3	3.3	5.8	6.9	21.6	24.8	2.3	0.88	0.88
DV-6-8	7	500	13.0	76.8	3.2	5.7	7.1	18.9	24.9	1.4	0.82	0.92
DV-8-10	9	642	10.6	83.5	3.2	5.8	6.9	16.0	23.3	0.9	0.80	1.03
DV-10-12	11	785	9.3	89.5	3.2	5.4	6.6	13.2	21.2	0.7	0.63	1.01
DV-12-14	13	928	10.2	71.2	3.0	5.4	6.4	15.4	22.7	0.8	0.78	0.94
DV-14-16	15	1071	9.9	70.7	3.0	5.7	6.7	13.1	21.3	0.7	0.67	0.99
DV-16-18	17	1214	9.8	65.9	2.9	5.0	6.2	12.4	21.5	0.6	0.69	0.98
DV-18-20	19	1357	10.3	65.4	3.0	5.6	7.0	14.0	22.4	0.7	0.77	0.98
DV-20-22	21	1500	9.4	54.5	3.2	5.0	6.7	11.2	21.7	0.5	0.72	1.08
DV-22-24	23	1642	9.5	24.8	2.7	4.8	7.0	8.5	20.2	0.3	0.55	1.07
DV-24-26	25	1785	9.9	66.9	2.9	5.1	6.4	13.1	22.5	0.7	0.83	1.05
DV-26-28	27	1928	10.0	51.9	2.7	5.2	7.0	10.7	22.9	0.5	0.60	1.06
DV-28-30	29	2071	9.3	53.0	2.9	4.8	7.0	11.1	22.3	0.6	0.64	0.99
DV-30-32	31	2214	9.1	47.1	2.6	4.8	6.4	12.8	20.1	0.7	0.59	1.05
DV-32-34	33	2357	9.1	40.1	2.5	4.5	6.0	10.1	19.7	0.5	0.50	0.94
DV-34-36	35	2499	7.7	30.5	2.2	3.8	5.4	7.9	17.4	0.3	0.41	0.88
DV-36-38	37	2642	9.8	32.5	2.7	4.8	6.1	9.7	21.8	0.3	0.41	0.88

Sample Id	Depth (cm)	BP (cal yr)	Cr	Mn	Co	Ni	Cu	Sr	Ba	CaO	MgO	FeO
DV-38-40	39	2785	9.2	40.6	2.7	4.5	6.6	9.4	18.3	0.4	0.44	0.93
DV-40-42	41	2880	9.2	45.6	3.6	4.6	6.7	9.6	20.7	0.4	0.42	0.88
DV-42-44	43	2967	13.0	55.9	2.9	4.9	5.8	23.5	28.2	2.2	0.46	0.81
DV-44-46	45	3054	15.6	52.1	3.8	6.2	7.1	23.8	37.2	2.1	0.63	1.08
DV-46-48	47	3142	12.0	50.8	3.1	5.0	5.3	23.5	28.5	2.3	0.47	0.87
DV-48-50	49	3229	14.0	76.8	3.3	6.1	5.9	37.0	33.5	4.4	0.52	0.83
DV-50-52	51	3316	12.1	69.4	3.2	5.6	5.9	26.0	27.1	2.4	0.47	0.90
DV-52-54	53	3404	10.9	47.7	3.0	5.0	5.5	18.8	24.6	1.3	0.40	0.76
DV-54-56	55	3491	11.1	56.4	2.9	4.9	5.8	20.5	23.4	1.6	0.40	0.81
DV-56-58	57	3579	12.4	64.7	3.1	5.4	5.6	21.4	24.4	1.5	0.43	0.85
DV-58-60	59	3666	11.6	64.2	2.8	5.0	5.3	22.3	23.3	1.8	0.43	0.78
DV-60-62	61	3753	10.4	75.5	3.8	5.8	6.1	27.9	29.1	2.3	0.44	0.85
DV-62-64	63	3841	11.9	73.8	3.8	5.5	5.9	32.9	27.3	2.0	0.45	0.81
DV-64-66	65	3928	13.5	81.8	4.3	6.0	5.9	29.8	29.1	2.2	0.43	0.81
DV-66-68	67	4016	14.1	82.5	4.2	6.1	5.2	40.1	31.1	2.6	0.42	0.69
DV-68-70	69	4103	14.1					65.8		3.7	0.40	0.69

Annexure 6. Inorganic and organic carbon concentration and TOC/TN for the sediment core DV of Diu partially active mudflat

Sample Id	Depth (cm)	BP (cal yr)	TOC (%)	TOC/ TN	$CaCO_3$ (%)
DV-0-2	1	71	1.48	7.6	30.3
DV-2-4	3	214	0.85	5.6	34.3
DV-4-6	5	357	0.93	9.0	21.4
DV-6-8	7	500	0.69	9.2	11.9
DV-8-10	9	642	0.74	11.0	9.0
DV-10-12	11	785	0.69	9.8	6.9
DV-12-14	13	928	0.69	11.4	6.4
DV-14-16	15	1071	0.65	8.9	3.2
DV-16-18	17	1214	0.76	10.9	4.8
DV-18-20	19	1357	0.74	11.8	5.0
DV-20-22	21	1500	0.78	11.7	9.9
DV-22-24	23	1642	0.72	12.1	0.7
DV-24-26	25	1785	0.72	8.8	6.7
DV-26-28	27	1928	0.76	11.4	3.0
DV-28-30	29	2071	0.79	12.5	4.2
DV-30-32	31	2214	0.82	11.4	7.5
DV-32-34	33	2357	0.92	20.2	3.8
DV-34-36	35	2499	0.81	14.7	2.7
DV-36-38	37	2642	1.00	20.3	2.8
DV-38-40	39	2785	0.84	16.4	4.0
DV-40-42	41	2880	1.07	19.4	5.6
DV-42-44	43	2967	0.36	12.8	24.5
DV-44-46	45	3054	0.55	16.7	27.4
DV-46-48	47	3142	0.68	17.7	19.1
DV-48-50	49	3229	0.58	19.6	34.2
DV-50-52	51	3316	0.61	18.0	26.9
DV-52-54	53	3404	0.71	18.3	17.1
DV-54-56	55	3491	0.83	21.5	18.4
DV-56-58	57	3579	0.97	20.7	16.1
DV-58-60	59	3666	1.18	23.8	22.6
DV-60-62	61	3753	0.82	21.5	24.3
DV-62-64	63	3841	1.05	23.2	20.7
DV-64-66	65	3928	1.06	20.4	21.0
DV-66-68	67	4016	1.17	19.5	23.7
DV-68-70	69	4103	1.03	23.6	25.3

Annexure 7. Trace and major elemental concentration for the relict mudflat section of Vasoj village (VV)

Sample Id	Depth (cm)	BP (cal yr)	ppm				%				
			Co	V	Cr	Mn	Al_2O_3	FeO	MgO	TiO_2	CaO
VV 0-10	5	1505	24.7	324	104	846	5.8	5.7	3.1	7.2	13.4
VV 10-20	15	1835	17.8	102	96	943	4.3	3.7	3.5	4.0	29.3
VV 20-30	25	2165	20.1	99	95	975	4.2	3.9	2.9	4.3	33.9
VV 30-40	35	2495	27.2	243	113	823	5.8	6.1	2.5	7.7	19.4
VV 40-50	45	2825	28.1	194	98	709	4.4	7.5	2.5	9.0	5.0
VV 50-60	55	3181	30.9	1117	124	698	9.3	11.1	2.5	10.9	9.6
VV 60-70	65	3563	28.8	2093	107	589	8.2	11.2	1.3	23.5	3.7
VV 70-80	75	3946	19.1	1249	138	310	9.5	8.0	1.7	16.9	3.0
VV 80-90	85	4328	24.4	1552	138	385	11.8	8.2	2.0	13.4	2.9
VV 90-100	95	4710	28.6	2564	103	219	12.3	9.3	2.2	15.7	4.9

Annexure 8. Al_2O_3 normalised trace and major elements for the relict mudflat section of Vasoj village (VV)

Sample Id	Depth (cm)	BP (cal yr)	Cr	V	Mn	Co	Mo	CaO	TiO_2	MgO	FeO
VV 0-10	5	1505	18.0	55.8	146	4.3	0.09	2.3	1.2	0.53	0.98
VV 10-20	15	1835	22.1	23.6	218	4.1	0.08	6.8	0.9	0.81	0.85
VV 20-30	25	2165	22.6	23.6	233	4.8	0.09	8.1	1.0	0.70	0.93
VV 30-40	35	2495	19.5	42.1	142	4.7	0.14	3.4	1.3	0.43	1.05
VV 40-50	45	2825	22.6	44.6	163	6.4	0.50	1.1	2.1	0.57	1.72
VV 50-60	55	3181	13.3	120	74.9	3.3	1.26	1.0	1.2	0.26	1.19
VV 60-70	65	3563	13.0	254	71.5	3.5	2.88	0.4	2.9	0.16	1.36
VV 70-80	75	3946	14.4	131	32.5	2.0	2.55	0.3	1.8	0.18	0.84
VV 80-90	85	4328	11.7	132	32.6	2.1	1.53	0.2	1.1	0.17	0.69
VV 90-100	95	4710	8.4	209.1	17.9	2.3	1.85	0.4	1.3	0.18	0.76

Annexure 9. Inorganic carbon, organic carbon and TOC/TN for the relict mudflat section of Vasoj village (VV).

Sample Id	Depth (cm)	BP (cal yr BP)	TOC (%)	TOC/ TN	$CaCO_3$ (%)
VV 0-10	5	1505	1.64	10.0	31.2
VV 10-20	15	1835	0.78	10.8	53.1
VV 20-30	25	2165	0.60	11.3	49.7
VV 30-40	35	2495	0.55	16.1	33.6
VV 40-50	45	2825	0.63	14.0	25.2
VV 50-60	55	3181	0.67	18.4	9.9
VV 60-70	65	3563	0.74	15.9	3.6
VV 70-80	75	3946	1.84	21.4	1.8
VV 80-90	85	4328	1.21	18.4	1.5
VV 90-100	95	4710	1.18	21.7	3.6