

ANGUL DISTRICT

The soil pH in the surface (0-30 cm) and sub surface (30-60 and 60-100 cm) soils ranged from 6.00 to 7.12 and 3.36 to 6.99, respectively. Around 43 and 60 per cent surface and sub surfacesoils were acidic (pH <6.50) and the remaining 57 and 40 per cent of surface and sub surface soils, respectivelywere neutral in reaction. The soils in all the Gram Panchayatswere non saline in nature and the salt content values ranged from 0.26 to 0.99 dS m⁻¹. The organic carbon content in the surface soils ranged from 0.102 to 1.263% with a mean of0.337%. It was found that 81 per cent of surface soils were deficient in organic carbon (< 0.50%), whereas 10.5 per cent soils were medium (0.50-0.75%) and 8.6 per cent soils were high in organic carbon (> 0.75%). The organic carbon content in the sub surface layers was ranged from 0.099 to 1.194% with a mean of 0.248%. Around 90.5, 6.9 and 2.6 per cent sub soils having low, medium and high status of organic carbon, respectively.

The available N in the surface soils ranged from 116 to 393 kg ha⁻¹ with a mean of 216 kg ha⁻¹. It was observed that around 81 per cent of surface soils were deficient in available N (< 250 kg ha⁻¹) and the rest of soils were medium in available N (250-500 kg ha⁻¹). However, the available N in the sub surface layers was found to be varied from 79 to 337 kg ha⁻¹ with a mean of 188 kg ha⁻¹. Around 7 per cent of sub surface soils contain medium status of available N and the rest of 93 per cent sub surface soils were deficient in available N. The available P in the surface soils ranged from 6.94 to 151.2 kg ha⁻¹ with a mean of 24.8 kg ha⁻¹. It was noticed that 21.4 and 12.4 per cent of surface soils were found low (< 14 kg ha⁻¹) and high status of available P (>40 kg ha⁻¹), respectively.The available P in the sub surface soils varied from 4.70 to 174.72 kg ha⁻¹ with a mean of 20.34 kg ha⁻¹. It was observed that 34.0 and 6.4 per cent of sub surface soils contain low and high status of available P, respectively.The available K in the surface soils ranged from 50 to 983 kg ha⁻¹ with a mean of 337 kg ha⁻¹. It was observed that 3.8 and 45.7 per cent of surface soils contain low (< 118 kg ha⁻¹) and high (> 280 kg ha⁻¹) status of available K, respectively and the rest of surface soils had medium status of available K. The available K in the sub soils ranged from 46 to 932 kg ha⁻¹ with a mean of 259 kg ha⁻¹ and it was found deficient in 14.0 per cent of sub surface soils and high status in 34 per cent of sub surface soils.

Almost all the surface and 96 per cent of sub surface soils contain sufficient levels of exchangeable Ca (> 3.0 c mol (p⁺) kg⁻¹). The exchangeable Mg was also found fairly high in 94 per cent of surface and 74 per cent of sub surface soils. The available S in the profile (0-100 cm) soils ranged from 0.23 to 134.10 mg kg⁻¹ with a mean of 20.19 mg kg⁻¹. It was observed that 25 and 31 per cent of profile soils contain low (5.0-10.0 mg kg⁻¹) and medium (10.0-20.0mg kg⁻¹) status of available S, respectively, whereas 44 per cent soils contain high (> 20 mg kg⁻¹) status of available S.

The available Fe and Mn in the profile soils ranged from 2.2 to 124.8 mg kg⁻¹ and 1.0 to 193.0 mg kg⁻¹, respectively. It was noticed that 61 and 91 per cent of soil profiles contain high status of available Fe (> 9.0 mg kg⁻¹) and Mn (> 4.0 mg kg⁻¹), respectively, however, 25 and 7 per cent of soils had medium status of available Fe (4.5-9.0 mg kg⁻¹)and Mn (2.0-4.0 mg kg⁻¹), respectively. All the profile soils in the district contain high status of available Cu (> 0.40mg kg⁻¹). The available Zn in the profile soils ranged from 0.18 to 6.96 mg kg⁻¹with a mean of 1.09 mg kg⁻¹. Around 36 per cent of profile soils in the district were deficient in available Zn (< 0.60 mg kg⁻¹), however, 33 and 29 per cent of profile soils had medium (0.60-1.20 mg kg⁻¹) and high (> 1.20mg kg⁻¹) status of available Zn, respectively. The available B in the profile soils ranged from 0.024 to 2.25 mg kg⁻¹with a mean of 0.279 mg kg⁻¹.It was found that 58 and 26 per cent of profile soils contain very low (< 0.20 mg kg⁻¹) and low (0.20-0.50 mg kg⁻¹) status of available B, while it was medium (0.50-0.75 mg kg⁻¹) and high (> 0.75mg kg⁻¹) status in 8 and 9 per cent profile soils, respectively. The available Mo in the profile soils ranged from 1.00 to 17.36 mg kg⁻¹with a mean of 3.23 mg kg⁻¹. All the profile soils in the district contain high status of available Mo (> 0.20 mg kg⁻¹).

SOIL PROPERTIES

Soil No.	Name of the farmer	Village	Gram Panchayat	Depth (cm)	pH (1:2)	EC (dS m ⁻¹)	Organic C (%)	Avail. major nutrients (kg ha ⁻¹)			Exch.Ca ... (c mol (p ⁺) kg ⁻¹) ...	Exch.Mg	Avail. S (mg kg ⁻¹)	Available micro nutrients (mg kg ⁻¹)					
								N	P	K				Fe	Cu	Zn	Mn	B	Mo
KANIHA BLOCK																			
1	Gobinda Chandra Sahoo	Arkili	Arkili	0-30	6.94	0.664	0.294	208.2	24.42	253.1	27.70	6.61	7.30	4.80	1.127	0.364	1.84	0.042	5.890
2				30-60	6.95	0.254	0.264	157.7	23.30	165.8	26.80	6.19							
3				60-100	6.41	0.107	0.234	139.2	22.40	133.7	24.16	4.56							
4	Lambodhar Sahoo	Kansamunda	Kaniha	0-30	6.05	0.124	0.189	293.7	28.90	217.7	9.24	4.15	6.38	18.46	3.453	1.432	15.64	0.300	6.830
5				30-60	6.06	0.118	0.186	244.9	23.52	127.5	6.97	3.69							
6				60-100	6.59	0.910	0.174	212.5	23.07	101.5	5.88	1.70							
7	Tankadhar Samal	Dandasahi	Kamrei	0-30	6.33	0.910	0.279	175.9	11.65	165.1	6.76	4.31	22.80	46.40	3.515	2.440	110.08	0.530	8.670
8				30-60	6.32	0.870	0.216	174.9	10.98	163.1	6.51	3.91							
9				60-100	6.25	0.810	0.156	167.1	5.38	163.7	6.03	3.25							
10	Bikash Chandra Sahoo	Sipur	Karnapal	0-30	6.51	0.460	0.201	162.6	36.29	143.1	11.50	4.70	28.25	31.00	3.278	2.132	20.72	0.039	8.950
11				30-60	6.50	0.390	0.192	169.8	21.73	115.6	6.97	3.16							
12				60-100	6.31	0.240	0.189	209.5	15.01	96.8	4.10	1.67							
13	Arjun Sahoo	Kakudia	Kakudia	0-30	6.53	0.520	0.177	277.6	11.65	312.9	24.60	5.44	51.05	7.76	2.181	0.876	15.32	0.042	10.520
14				30-60	6.31	0.460	0.174	250.5	10.98	213.0	21.59	4.69							
15				60-100	6.23	0.270	0.132	246.1	9.18	154.1	11.17	3.88							
16	Jalandhar Sahoo	Olanda	Kuluma	0-30	6.62	0.710	0.372	236.3	7.39	111.1	10.96	2.16	21.88	30.64	1.609	0.716	58.00	0.032	13.030
17				30-60	6.50	0.650	0.333	207.9	7.17	79.3	9.51	1.97							
18				60-100	6.15	0.540	0.294	128.3	6.50	70.8	5.79	1.81							
19	Narahari Pradhan	Dangarabeda	Kulei	0-30	6.64	0.410	0.219	140.7	29.79	99.5	4.41	2.12	23.70	10.07	0.837	0.324	7.36	0.161	14.560
20				30-60	6.62	0.360	0.207	139.0	21.73	99.2	3.99	1.99							
21				60-100	6.55	0.310	0.108	79.3	18.14	88.9	3.57	1.09							
22	Jagabandhu Mohanty	Suleipal	Gandumala	0-30	6.61	0.630	0.195	218.0	9.18	152.3	12.30	4.94	15.50	5.62	2.058	0.572	6.16	0.052	15.580
23				30-60	6.59	0.520	0.108	211.9	8.74	118.9	9.58	4.44							
24				60-100	6.47	0.430	0.102	188.4	8.06	60.3	6.66	4.16							
25	Anadi Sahoo	Jarada	Jarada	0-30	6.51	0.380	0.144	178.4	8.74	98.1	6.30	4.78	27.35	19.83	2.562	2.264	34.32	0.100	17.360
26				30-60	6.44	0.370	0.102	170.1	7.39	96.1	5.73	3.57							
27				60-100	6.36	0.220	0.102	141.5	6.27	92.1	4.98	3.16							

Soil No.	Name of the farmer	Village	Gram Panchayat	Depth (cm)	pH (1:2)	EC (dS m ⁻¹)	Organic C (%)	Avail. major nutrients (kg ha ⁻¹)			Exch.Ca ... (c mol (p ⁺) kg ⁻¹) ...	Exch.Mg	Avail. S (mg kg ⁻¹)	Available micro nutrients (mg kg ⁻¹)					
								N	P	K				Fe	Cu	Zn	Mn	B	Mo
28	Jaladhar Behera	Mohinipala	Derang	0-30	6.66	0.158	0.834	250.4	11.87	851.6	23.90	19.58	23.70	4.32	2.106	0.536	3.32	0.240	5.610
29				30-60	6.59	0.136	0.432	191.2	10.75	604.1	21.58	8.65							
30				60-100	6.43	0.123	0.138	136.7	7.62	287.8	20.12	7.12							
31	Prahalad Sahoo	Durgapur	Talapada	0-30	6.98	0.268	0.435	171.1	14.78	196.9	9.26	5.69	33.70	5.34	1.830	1.008	15.36	0.380	6.370
32				30-60	6.46	0.148	0.294	157.7	13.22	158.1	5.14	3.47							
33				60-100	6.25	0.134	0.129	128.5	11.20	137.1	2.88	1.34							
34	Jharia Behera	Dalak	Dalak	0-30	6.42	0.818	0.111	153.9	9.18	401.0	16.40	8.72	20.05	23.79	3.074	0.528	70.84	0.160	7.820
35				30-60	6.37	0.614	0.105	152.5	8.74	380.1	14.10	5.97							
36				60-100	6.26	0.520	0.102	151.0	7.39	352.6	12.89	5.18							
37	Babaji Sahoo	Parabil	Parabil	0-30	6.58	0.191	0.411	172.4	12.54	254.7	38.80	20.94	30.10	7.53	2.173	0.380	10.45	0.140	4.390
38				30-60	6.52	0.167	0.378	170.0	10.53	221.1	37.64	15.69							
39				60-100	6.50	0.156	0.192	157.3	9.18	211.9	35.40	10.50							
40	Dukhubandhu Sahoo	Bajrakote	Bajrakote	0-30	6.79	0.405	0.576	229.3	18.82	836.3	28.40	4.36	11.85	6.15	2.150	1.108	38.40	0.054	4.700
41				30-60	6.69	0.336	0.255	210.6	15.46	920.7	19.51	3.15							
42				60-100	6.62	0.249	0.132	199.8	14.56	720.8	10.66	1.97							
43	Pankaj Lochan Sahoo	Badagunduri	Badagunduri	0-30	6.22	0.354	0.414	218.8	17.02	108.0	11.10	3.36	19.15	47.12	2.826	0.316	38.44	0.260	4.320
44				30-60	6.19	0.342	0.363	211.9	13.22	100.1	8.40	3.13							
45				60-100	6.16	0.301	0.198	158.1	8.29	82.7	6.21	2.59							
46	Nityananda Parida	Badatribida	Badatribida	0-30	6.68	0.660	0.198	217.5	9.86	134.0	12.90	4.31	27.35	7.12	1.412	0.692	26.52	0.047	4.620
47				30-60	6.63	0.510	0.189	203.7	8.06	126.6	9.51	3.15							
48				60-100	6.58	0.480	0.183	149.5	6.94	105.1	5.63	2.69							
49	Jagabandhu Pradhan	Baliposi	Baliposi	0-30	6.55	0.540	0.576	209.7	13.89	121.6	7.84	4.64	3.65	34.74	2.934	0.708	49.88	0.143	4.550
50				30-60	6.52	0.520	0.393	201.7	9.18	118.0	5.43	5.23							
51				60-100	6.42	0.470	0.303	199.3	8.51	116.7	7.84	4.69							
52	Sunia Pradhan	Bijigola	Bijigola	0-30	6.85	0.353	0.180	218.3	21.95	229.8	6.98	3.15	31.00	24.23	4.776	1.756	42.32	0.690	6.270
53				30-60	6.85	0.245	0.168	211.2	20.83	175.6	5.43	2.15							
54				60-100	6.79	0.214	0.162	209.7	18.14	134.0	10.26	4.15							
55	Abnikant Dehuri	Biru	Biru	0-30	6.89	0.303	0.219	180.4	11.87	245.3	9.84	3.69	28.25	3.20	1.565	0.444	2.96	0.031	4.520
56				30-60	6.83	0.256	0.216	176.2	9.18	235.6	9.18	2.15							
57				60-100	6.59	0.144	0.207	173.2	6.72	227.6	5.69	3.63							
58	Goutamnanda Parida	Jhulakhuntia	Burukuna	0-30	6.75	0.510	0.198	221.8	15.01	237.2	4.45	2.15	44.65	15.97	1.580	0.544	71.60	0.200	5.070
59				30-60	6.68	0.480	0.192	212.9	13.22	229.6	3.69	1.69							
60				60-100	6.52	0.370	0.186	190.4	11.42	226.0	2.15	1.25							
61	Susanta Samal	Rengali	Rengali	0-30	6.82	0.156	0.183	210.5	6.94	242.4	25.60	15.26	13.65	2.22	0.764	0.180	1.64	0.059	3.940
62				30-60	6.78	0.128	0.177	201.2	6.27	230.7	24.15	10.37							
63				60-100	6.68	0.106	0.171	129.0	5.82	214.6	20.36	9.51							
64	Bauribandhu Sahoo	Bhaliabeda	Susuba	0-30	6.79	0.191	0.453	266.8	15.90	413.5	11.30	2.25	23.70	4.08	1.240	0.320	6.60	0.073	3.940
65				30-60	6.71	0.218	0.426	224.4	14.34	220.4	9.14	1.91							
66				60-100	6.65	0.202	0.417	214.0	11.42	172.0	5.61	0.97							
67	Dibakara Debata	Bigswar	Samal	0-30	6.63	0.710	0.417	223.9	17.47	182.1	13.10	1.98	15.50	7.35	2.094	0.480	9.64	0.035	3.970
68				30-60	6.67	0.550	0.318	195.2	15.46	177.9	10.40	1.36							
69				60-100	6.59	0.510	0.153	186.5	12.54	157.2	9.87	1.29							
70	Kalia Naik	Sanatribida	Sanatribida	0-30	6.30	0.710	0.720	168.8	8.29	267.7	10.45	3.25	18.25	15.69	1.717	0.752	54.96	0.260	3.480
71				30-60	6.35	0.690	0.465	164.8	7.62	264.5	8.55	3.13							
72				60-100	6.22	0.610	0.279	157.9	6.94	105.1	7.81	2.98							
73	Mohan Sahoo	Boudabeda	Hanumanpur	0-30	6.40	0.104	0.243	201.0	11.65	226.2	20.90	13.11	20.95	5.07	0.681	0.308	3.92	0.320	4.060
74				30-60	6.26	0.097	0.216	200.3	10.98	141.1	15.69	10.67							
75				60-100	6.16	0.079	0.207	188.4	6.94	111.3	9.38	7.11							
76	Bijay Pradhan	Sunakhari	Hariharpur	0-30	6.32	0.690	0.198	237.6	11.65	370.7	7.89	3.59	20.05	18.51	1.751	0.412	32.28	0.026	4.370
77				30-60	6.53	0.590	0.192	210.0	10.98	335.3	6.55	2.58							
78				60-100	6.49	0.530	0.186	195.3	8.29	309.1	5.16	1.69							
ATHAMALLICK BLOCK																			
79	Ramachandra Das	Karadabahali	Sanahula	0-30	6.55	0.395	0.264	210.2	12.54	689.7	8.63	2.89	7.30	23.10	1.910	1.200	33.52	0.280	3.320
80				30-60	6.53	0.125	0.255	191.8	11.65	604.1	7.49	1.78							
81				60-100	6.50	0.109	0.252	156.0	10.98	483.6	6.55	1.26							

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								N	P	K				Fe	Cu	Zn	Mn	B	Mo
82	Dusasana Nayak	Hinjagola	Ambasamunda	0-30	6.51	0.335	0.231	204.7	40.54	380.4	8.56	2.97	46.50	22.63	1.928	1.176	23.44	0.160	3.610
83				30-60	6.50	0.215	0.156	194.6	11.87	284.3	8.34	2.52							
84				60-100	6.45	0.181	0.123	151.7	9.41	238.8	7.84	1.45							
85	Tapan Pradhan	Hatuapada	Kiakata	0-30	6.64	0.630	0.142	194.9	17.25	174.0	7.28	6.01	8.20	15.10	1.729	1.092	21.68	0.145	3.400
86				30-60	6.59	0.510	0.123	189.7	15.46	155.5	7.10	4.26							
87				60-100	6.51	0.490	0.117	177.9	14.11	142.7	6.54	1.59							
88	Kinuram Nayak	Satyabadipur	Paikasahi	0-30	6.52	0.730	0.483	225.5	13.66	296.4	11.30	3.96	27.35	14.78	2.886	0.380	68.40	0.064	3.520
89				30-60	6.42	0.710	0.456	203.0	11.42	204.7	10.98	2.15							
90				60-100	6.22	0.690	0.447	201.3	10.08	191.7	10.30	1.55							
91	Umakanta Behera	Tapadhola	Tapadhola	0-30	6.40	0.168	0.639	237.1	29.79	310.0	7.56	4.68	31.90	34.91	1.971	3.512	44.16	0.051	5.120
92				30-60	6.39	0.152	0.618	218.4	29.57	298.8	7.53	3.19							
93				60-100	6.36	0.145	0.612	205.2	29.34	292.5	6.19	2.84							
94	Sameer Pradhan	Madhapur	Madhapur	0-30	6.51	0.870	0.333	190.2	12.32	158.8	21.63	9.54	21.88	12.43	1.152	0.264	18.44	0.064	2.880
95				30-60	6.42	0.610	0.327	181.8	11.42	137.5	19.54	6.97							
96				60-100	6.33	0.410	0.321	163.3	10.98	101.0	16.33	5.18							
97	Muralidhar Nayak	Badabadar	Pedipathar	0-30	6.48	0.239	0.114	197.7	34.50	787.4	8.63	5.73	11.20	43.28	1.867	0.936	62.32	0.146	2.870
98				30-60	6.33	0.114	0.111	177.5	31.14	483.6	6.97	4.19							
99				60-100	6.38	0.105	0.101	169.5	27.10	360.0	5.25	2.15							
100	Anadi Charan Sahu	Sanaka	Krutibaspur	0-30	6.36	0.134	0.342	245.1	22.62	432.5	4.56	3.99	29.30	22.50	2.324	1.044	128.72	0.039	2.650
101				30-60	6.28	0.120	0.324	240.1	20.38	319.9	4.35	2.82							
102				60-100	6.21	0.110	0.318	236.6	18.82	232.1	4.12	1.97							
103	Gajanana Menduli	Kahnei Beruni	Kampala	0-30	6.71	0.158	0.168	215.0	16.80	254.2	14.90	5.72	18.10	11.43	1.270	0.864	21.48	0.068	2.500
104				30-60	6.67	0.112	0.162	203.8	15.46	202.7	9.61	4.66							
105				60-100	6.60	0.980	0.153	149.8	11.65	69.7	4.93	1.42							
106	Lambodhar Behera	Dinabandhupur	Thakuragarh	0-30	6.60	0.680	0.384	277.7	9.18	778.6	19.14	8.50	7.75	20.45	1.986	0.864	73.72	0.146	2.640
107				30-60	6.59	0.520	0.348	237.6	8.74	660.8	16.59	5.61							
108				60-100	6.44	0.440	0.327	172.0	6.94	628.1	11.67	3.59							
109	Jujesti Sahoo	Kandhapada	Kandhapada	0-30	6.27	0.178	0.288	164.7	23.97	201.6	15.40	4.91	12.93	22.49	1.924	0.956	44.36	0.071	2.570
110				30-60	6.25	0.124	0.228	151.2	21.73	126.3	10.69	3.15							
111				60-100	6.25	0.104	0.159	136.2	21.95	95.4	7.37	2.99							
112	Lalita Dehury	Buraghat	Basudev Pur	0-30	6.66	0.750	0.267	174.4	36.29	181.9	9.07	3.96	18.11	17.82	1.739	1.872	24.20	0.041	2.220
113				30-60	6.55	0.710	0.192	169.5	17.25	175.6	8.02	3.36							
114				60-100	6.49	0.690	0.117	164.8	13.66	155.5	7.94	2.15							
115	Bhubana Pradhan	Kutulisingha	Maisura	0-30	6.26	0.610	0.336	202.7	30.24	319.6	10.80	3.21	18.95	3.75	2.550	1.092	31.16	0.036	2.710
116				30-60	6.25	0.520	0.333	191.8	21.06	314.3	9.15	3.14							
117				60-100	6.24	0.480	0.258	168.8	20.16	303.3	9.05	2.71							
118	Anil Kumar Pradhan	Kantapada	Kantapada	0-30	6.50	0.115	1.077	173.1	17.47	294.6	16.90	3.74	28.45	12.80	3.910	1.776	36.68	0.024	2.530
119				30-60	6.45	0.109	0.909	164.6	15.01	269.9	14.30	2.59							
120				60-100	6.44	0.101	0.882	154.0	10.30	226.7	12.69	2.51							
121	Rasananda Sahoo	Jamudholi	Jamudholi	0-30	6.17	0.630	0.393	168.1	15.46	95.6	8.35	2.16	12.05	12.63	1.699	0.480	19.20	0.414	2.420
122				30-60	6.15	0.570	0.378	156.4	14.34	92.1	6.64	1.48							
123				60-100	6.15	0.410	0.318	149.3	11.42	88.5	5.19	1.33							
124	Sarangadhara Bhoi	Dahimal	Luhasinga	0-30	6.06	0.680	0.138	193.2	21.95	191.7	15.40	3.06	12.93	15.20	1.101	0.320	9.60	0.575	3.090
125				30-60	6.06	0.540	0.108	184.3	21.06	188.4	9.54	2.09							
126				60-100	6.02	0.490	0.102	169.8	12.10	186.4	4.35	1.99							
127	Sridhara Baghar	Bahali	Aida	0-30	6.47	0.214	0.285	241.8	10.53	119.8	2.85	1.71	3.45	23.43	0.701	0.260	21.40	0.898	2.510
128				30-60	6.33	0.115	0.211	206.6	10.08	93.0	2.49	1.52							
129				60-100	6.17	0.103	0.102	197.9	9.18	67.9	2.73	1.23							
130	Paria Munda	Dudhianali	Nagaon	0-30	6.40	0.570	0.297	194.2	19.71	425.4	4.16	1.95	28.45	6.14	0.861	0.600	43.40	0.062	3.070
131				30-60	6.35	0.510	0.225	189.9	15.01	351.5	4.09	1.54							
132				60-100	6.23	0.510	0.195	189.3	12.99	238.8	3.89	1.01							
133	Sushant Pradhan	Rajing	Purunamanatri	0-30	7.00	0.604	0.348	160.3	34.05	190.2	14.51	8.55	4.21	4.86	1.114	0.260	2.32	0.054	4.770
134				30-60	6.84	0.258	0.318	154.0	26.66	137.5	12.69	7.15							
135				60-100	6.72	0.157	0.303	151.0	25.54	133.3	11.30	5.28							
136	Abhimanyu karna	Nilakanthapada	Kudgaon	0-30	6.75	0.145	0.597	260.0	26.66	161.1	16.30	3.93	0.23	2.77	0.647	0.292	1.04	0.046	3.700
137				30-60	6.69	0.132	0.393	248.9	24.19	127.5	15.90	2.59							
138				60-100	6.66	0.124	0.108	202.5	19.49	103.9	15.60	2.15							

Soil No.	Name of the farmer	Village	Gram Panchayat	Depth (cm)	pH (1:2)	EC (dS m ⁻¹)	Organic C (%)	Avail. major nutrients (kg ha ⁻¹)			Exch.Ca ... (c mol (p ⁺) kg ⁻¹) ...	Exch.Mg (mg kg ⁻¹)	Avail. S (mg kg ⁻¹)	Available micro nutrients (mg kg ⁻¹)					
								N	P	K				Fe	Cu	Zn	Mn	B	Mo
139	Bidura Sahoo	Siarinali	Lunahandi	0-30	6.83	0.136	0.924	200.5	15.90	385.7	17.70	4.73	12.05	2.94	0.649	0.460	10.52	0.037	3.820
140				30-60	6.82	0.122	0.756	194.7	15.46	371.4	16.23	3.69							
141				60-100	6.80	0.101	0.717	189.9	14.56	317.6	10.30	2.15							
142	Bhagaban Pradhan	Tusar	Tusar	0-30	6.57	0.382	0.177	178.9	20.16	407.7	9.16	4.52	15.50	26.24	1.556	1.840	23.40	0.714	3.290
143				30-60	5.21	0.228	0.174	169.5	19.49	394.9	8.84	3.39							
144				60-100	6.49	0.168	0.171	154.0	16.58	362.7	8.24	2.15							
145	Pitabasa Sahoo	Mandarbahal	Kurumtapa	0-30	6.54	0.349	0.132	141.9	22.62	249.1	7.12	3.29	14.65	48.44	1.226	0.876	99.44	0.035	3.320
146				30-60	6.42	0.211	0.108	139.1	20.38	202.7	6.03	3.21							
147				60-100	6.24	0.170	0.102	129.7	15.23	182.8	5.41	2.42							
148	Bipin Bihari Sahoo	Tumurisinga	Sapaghara	0-30	6.44	0.650	0.135	290.3	16.58	250.0	10.30	5.69	39.85	24.65	2.808	0.672	60.12	0.029	3.230
149				30-60	6.33	0.610	0.117	244.4	12.54	205.0	9.15	4.15							
150				60-100	6.22	0.590	0.102	220.8	11.87	179.0	5.56	3.44							
ANGUL BLOCK																			
151	Sudhakar Panda	Hamamira	Bedasasan	0-30	6.53	0.890	0.279	250.6	13.22	326.1	11.20	2.12	22.40	28.30	1.975	0.576	64.40	0.056	3.320
152				30-60	6.49	0.710	0.249	206.6	12.10	281.1	10.20	1.69							
153				60-100	6.42	0.620	0.198	165.1	11.87	251.1	9.41	1.95							
154	Prasanta Sahu	Chheliapada	Chheliapada	0-30	6.41	0.199	0.459	225.0	90.72	327.7	17.70	3.65	18.95	8.86	3.014	6.960	5.24	0.192	2.610
155				30-60	6.83	0.105	0.390	202.5	74.82	213.0	12.61	3.55							
156				60-100	6.82	0.540	0.318	175.4	56.45	150.3	9.87	3.14							
157	Bharat Naik	Badadandasahi	Matiasahi	0-30	6.83	0.206	0.597	236.6	25.76	424.0	27.90	14.12	15.50	6.40	2.199	1.032	7.56	0.045	2.290
158				30-60	6.80	0.158	0.411	218.4	24.42	327.0	17.14	10.61							
159				60-100	6.75	0.124	0.288	170.1	16.58	284.3	12.69	9.14							
160	Dilip Pradhan	Pokatunga	Pokatunga	0-30	6.71	0.224	0.987	233.6	25.54	709.1	23.30	13.72	2.60	10.72	2.739	1.968	25.40	0.032	2.460
161				30-60	6.67	0.215	0.702	194.1	19.94	768.4	16.98	10.59							
162				60-100	6.62	0.184	0.438	157.6	17.47	394.9	12.41	9.83							
163	Srikanta Sandha	Karadapada	Nandapur	0-30	6.60	0.159	0.126	162.1	25.31	530.9	11.50	4.35	18.95	12.27	1.856	1.724	32.84	0.071	2.420
164				30-60	6.51	0.148	0.108	158.6	24.42	498.6	10.98	3.56							
165				60-100	6.49	0.145	0.102	156.3	21.06	461.2	10.80	2.28							
166	Tuku Nayak	Ramimunda	Saradhapur	0-30	6.46	0.154	0.177	188.7	15.68	719.7	14.80	7.15	33.60	4.24	1.880	0.440	14.28	0.064	2.110
167				30-60	6.41	0.122	0.171	186.8	13.66	805.5	9.12	5.98							
168				60-100	6.34	0.116	0.162	172.6	12.99	648.3	8.51	3.95							
169	Nabakishore Sahu	Khalgaon	Sankhapur	0-30	6.36	0.250	0.162	232.6	19.71	287.4	4.78	2.22	5.15	69.84	1.763	1.192	73.16	0.783	1.830
170				30-60	6.32	0.210	0.138	203.5	18.59	204.7	4.51	1.89							
171				60-100	6.26	0.190	0.120	154.5	16.58	168.0	3.74	1.41							
172	Prasant Pradhan	Dhokuta	Dhokuta	0-30	6.25	0.258	0.204	262.7	19.26	347.6	9.83	3.42	19.80	22.30	2.178	0.680	68.28	0.084	1.100
173				30-60	6.22	0.214	0.192	210.5	17.70	334.7	7.14	2.15							
174				60-100	6.19	0.143	0.177	160.3	17.02	291.6	6.99	1.26							
175	Prasant Pradhan	Balasingha	Balasingha	0-30	6.62	0.850	0.582	326.6	33.82	452.9	1.88	1.06	27.60	6.54	0.891	1.024	47.88	0.146	1.250
176				30-60	6.51	0.790	0.462	237.6	31.81	437.7	1.72	1.00							
177				60-100	6.44	0.740	0.318	221.5	29.57	414.6	1.64	0.99							
178	Sachodananda Das	Badakera	Badakera	0-30	6.31	0.190	0.195	235.1	15.23	588.7	18.44	9.15	24.15	31.09	2.446	0.584	128.76	0.074	1.280
179				30-60	6.24	0.151	0.189	223.5	13.22	451.6	17.50	5.66							
180				60-100	6.11	0.124	0.156	176.4	9.18	307.8	14.26	4.78							
181	Ashok Sahu	Hidsingh	Balanga	0-30	6.20	0.126	0.207	188.9	29.12	277.5	7.26	1.03	20.70	22.74	1.038	1.364	36.96	0.056	1.050
182				30-60	6.31	0.129	0.204	188.4	26.88	276.6	8.26	1.23							
183				60-100	6.33	0.121	0.201	188.7	24.64	278.2	7.94	1.59							
184	Bibhuti Bhusan Sahu	Ragudiapada	Talagada	0-30	6.38	0.049	0.246	248.9	28.22	403.6	7.79	2.60	24.15	36.75	3.137	0.744	34.76	0.138	1.400
185				30-60	6.31	0.047	0.219	196.8	25.54	280.9	5.14	2.14							
186				60-100	6.35	0.046	0.183	126.9	21.06	206.1	4.44	1.43							
187	Abhimanyu Dehury	Baragounia	Baragounia	0-30	6.56	0.336	0.387	242.4	14.34	410.6	10.60	3.67	6.05	7.05	2.519	1.884	16.00	0.667	1.090
188				30-60	6.74	0.214	0.363	190.9	11.65	351.5	9.53	3.06							
189				60-100	5.55	0.121	0.360	167.6	9.18	293.7	8.21	2.45							
190	Jayram Sahu	Tikarpada	Tikarpada	0-30	6.45	0.390	0.354	189.7	18.82	633.7	5.67	2.52	23.25	37.09	2.219	0.484	127.36	0.035	1.580
191				30-60	6.36	0.340	0.177	182.9	15.90	482.9	5.14	2.14							
192				60-100	6.30	0.320	0.138	169.1	11.65	331.5	4.07	1.73							
193	Kartika Biswal	Pati	Kumuri Singha	0-30	6.52	0.590	0.171	232.8	40.10	268.6	11.50	5.10	21.55	11.84	6.224	1.120	16.20	0.169	1.150
194				30-60	6.50	0.470	0.123	224.5	36.74	190.6	10.40	4.00							
195				60-100	6.44	0.420	0.114	196.4	27.78	161.1	8.00	3.88							

Soil No.	Name of the farmer	Village	Gram Panchayat	Depth (cm)	pH (1:2)	EC (dS m ⁻¹)	Organic C (%)	Avail. major nutrients (kg ha ⁻¹)			Exch.Ca ... (c mol (p ⁺) kg ⁻¹) ...	Exch.Mg (mg kg ⁻¹)	Avail. S (mg kg ⁻¹)	Available micro nutrients (mg kg ⁻¹)					
								N	P	K				Fe	Cu	Zn	Mn	B	Mo
196	Sarabeswar Naik	Aradiha	Gadatarasa	0-30	6.49	0.109	0.837	238.8	44.80	831.9	8.84	3.48	0.62	12.81	5.340	2.340	18.04	0.048	1.980
197				30-60	6.46	0.107	0.558	228.4	43.46	661.0	8.56	2.59							
198				60-100	6.42	0.101	0.363	214.3	29.79	563.4	8.10	1.44							
199	Shrustidhara Das	Inkarbandha	Inkarbandha	0-30	6.89	0.206	0.216	197.9	15.01	771.5	15.50	9.14	16.35	18.91	0.786	0.308	8.96	0.460	1.470
200				30-60	6.88	0.199	0.207	184.1	9.18	506.0	12.25	8.02							
201				60-100	6.87	0.198	0.198	180.8	7.84	461.2	10.59	5.69							
202	Lalita Mohan Sahu	Bantala	Bantala	0-30	6.97	0.170	0.486	249.9	15.90	436.6	3.30	2.51	21.55	3.90	1.964	0.432	7.52	0.037	1.730
203				30-60	6.86	0.169	0.465	207.5	13.66	412.4	2.59	1.69							
204				60-100	6.70	0.152	0.318	163.8	8.96	363.3	2.16	1.24							
205	Abhiram Sahu	Basala	Basala	0-30	6.79	0.315	0.225	247.9	19.71	427.8	5.14	2.23	27.60	4.35	1.934	4.120	9.16	0.054	1.510
206				30-60	6.70	0.310	0.192	213.0	13.66	351.5	4.28	1.89							
207				60-100	6.66	0.315	0.144	208.2	12.32	237.0	3.59	1.88							
208	Prasanta Kumar Pradhan	Kothabhuin	Kothabhuin	0-30	6.35	0.490	0.207	204.2	15.01	57.6	4.36	2.49	18.95	2.81	1.110	0.312	4.28	0.041	1.190
209				30-60	6.33	0.370	0.156	199.3	11.42	54.0	4.28	1.48							
210				60-100	6.34	0.320	0.123	185.1	9.63	49.3	4.15	1.24							
211	Pradeep Kumar Sahu	Nuapada	Tainsi	0-30	6.96	0.580	0.267	267.4	92.96	582.6	7.49	5.69	44.40	93.96	2.245	0.640	60.28	0.026	2.030
212				30-60	6.59	0.480	0.144	250.1	90.05	595.9	6.99	4.15							
213				60-100	6.20	0.320	0.126	237.6	81.76	437.9	6.58	2.26							
214	Sukadeb Sahu	Gopinathapur	Khalari	0-30	6.77	0.134	0.363	194.9	53.31	211.0	3.79	2.84	20.70	3.44	1.200	0.436	20.84	0.068	1.870
215				30-60	6.69	0.114	0.354	182.9	49.50	200.9	3.15	2.15							
216				60-100	6.60	0.980	0.294	169.1	47.26	182.3	2.22	2.11							
217	Kumuda Pradhan	Kandhakoili	Manikajodi	0-30	6.50	0.650	0.303	216.9	12.99	327.0	6.93	5.97	10.35	28.79	3.060	0.488	75.92	0.059	1.990
218				30-60	6.42	0.550	0.177	167.6	12.10	321.4	5.16	4.59							
219				60-100	6.26	0.410	0.102	132.2	11.65	304.4	5.02	3.11							
220	Ramesh Chandra Bhokta	Kangulabentapur	Kangulabentapur	0-30	6.59	0.189	0.105	173.6	39.20	321.7	8.25	3.59	38.90	10.24	2.855	1.728	17.88	0.037	1.810
221				30-60	6.54	0.145	0.102	166.8	34.94	302.6	7.15	2.59							
222				60-100	6.42	0.132	0.102	134.1	29.34	285.6	6.02	1.55							
223	Goura Chandra Sahu	Syamsundarpur	Baluakata	0-30	6.59	0.149	0.843	286.8	28.00	437.7	12.19	4.52	4.30	35.55	5.768	1.872	31.56	0.138	1.000
224				30-60	6.51	0.117	0.651	242.9	25.54	373.4	10.55	3.69							
225				60-100	6.45	0.107	0.465	199.3	19.49	353.7	9.58	3.15							
226	Girish Chandra Pradhan	Kulangi	Jagannathpur	0-30	6.47	0.276	0.972	186.2	18.37	309.8	8.44	3.92	16.35	59.84	2.709	1.936	75.56	1.059	1.280
227				30-60	6.36	0.189	0.723	157.3	16.58	237.2	5.69	4.15							
228				60-100	6.35	0.156	0.603	134.8	11.65	135.3	4.59	3.02							
229	Bishnu Chandra Pradhan	Chhotkei	Purunakot	0-30	6.39	0.460	0.234	250.1	23.52	521.5	5.79	4.05	37.05	11.50	1.571	0.716	17.36	0.038	1.680
230				30-60	6.31	0.440	0.216	231.4	20.38	461.2	4.94	3.69							
231				60-100	6.31	0.360	0.207	222.3	18.37	309.8	4.44	3.15							
232	Tuku Pradhan	Sanakantakul	Badakantakula	0-30	6.61	0.273	0.891	184.1	47.71	256.3	13.90	7.14	1.70	20.64	3.978	2.408	29.24	0.034	1.310
233				30-60	6.60	0.289	0.765	173.7	45.70	237.2	12.56	5.69							
234				60-100	6.39	0.221	0.723	170.1	32.48	220.4	11.42	2.35							
235	Ashok Kumar Behera	Rantalai	Rantalai	0-30	6.95	0.118	0.684	198.9	21.95	257.4	20.70	15.25	14.65	8.14	1.640	0.220	10.80	0.146	1.670
236				30-60	6.66	0.104	0.678	182.6	16.58	204.7	15.69	10.69							
237				60-100	6.53	0.101	0.672	166.3	12.54	187.9	12.90	9.51							
238	Prabodh Biswal	Khinda	Khinda	0-30	7.12	0.218	0.786	235.8	15.01	358.0	21.69	14.43	36.10	3.62	1.951	0.356	6.44	0.024	1.530
239				30-60	6.95	0.201	0.618	199.3	11.42	237.2	15.69	12.59							
240				60-100	6.84	0.198	0.363	182.9	10.53	186.1	10.55	10.22							
241	Madan Mohan Pradhan	Kadalibereni	Antulia	0-30	6.67	0.990	0.906	254.9	56.22	919.5	16.90	8.45	6.05	34.31	5.280	2.200	118.35	0.031	1.550
242				30-60	6.59	0.870	0.606	245.4	43.46	604.4	12.59	6.15							
243				60-100	6.16	0.790	0.369	179.1	32.03	364.7	10.58	4.19							
244	Bikash Chandra Pradhan	Samakoi	Angarbandha	0-30	6.55	0.820	0.564	241.8	40.99	691.7	15.30	7.15	21.55	32.32	5.404	1.848	31.20	0.161	1.830
245				30-60	6.53	0.710	0.432	214.6	34.05	483.6	13.20	6.03							
246				60-100	6.48	0.670	0.333	196.8	25.31	374.3	12.20	5.89							
CHENDIPADA BLOCK																			
247	Babuli Pradhan		Ogi	0-30	6.55	0.750	0.390	264.4	11.87	230.7	12.90	6.15	15.85	34.22	2.412	0.444	109.28	0.076	2.960
248				30-60	6.49	0.580	0.333	250.6	9.18	220.4	12.30	6.03							
249				60-100	6.30	0.360	0.303	191.4	10.30	157.7	11.41	5.19							
250	Bidyadhar Pradhan	Karnapal	Kanaloei	0-30	6.31	0.590	0.114	237.6	17.47	230.0	4.64	2.59	5.86	21.62	1.183	0.304	99.60	0.166	2.170
251				30-60	6.23	0.410	0.108	182.9	14.34	224.2	3.94	2.41							
252				60-100	6.18	0.260	0.102	139.0	11.42	223.6	3.07	1.28							

Soil No.	Name of the farmer	Village	Gram Panchayat	Depth (cm)	pH (1:2)	EC (dS m ⁻¹)	Organic C (%)	Avail. major nutrients (kg ha ⁻¹)			Exch.Ca ... (c mol (p ⁺) kg ⁻¹) ...	Exch.Mg	Avail. S (mg kg ⁻¹)	Available micro nutrients (mg kg ⁻¹)					
								N	P	K				Fe	Cu	Zn	Mn	B	Mo
253	Kalandi Singh	Pitachari	Katada	0-30	6.73	0.183	0.198	172.9	52.42	585.5	4.68	3.25	16.55	12.35	0.618	0.552	40.16	0.166	2.620
254				30-60	6.67	0.156	0.186	196.8	47.94	460.3	4.58	3.14							
255				60-100	6.59	0.131	0.177	262.8	41.44	290.3	4.45	2.10							
256	Gokula Sahu	Pithakhaman	Kankarai	0-30	6.40	0.350	0.135	185.4	16.58	220.2	7.31	5.69	11.37	4.93	1.225	0.360	40.16	0.068	1.590
257				30-60	6.33	0.270	0.126	166.2	15.46	160.2	6.55	3.55							
258				60-100	6.19	0.220	0.112	156.0	11.42	114.7	4.09	2.79							
259	Sanjay Sahu	Kampasala	Kampasala	0-30	6.21	0.520	0.135	307.1	15.90	208.8	5.06	2.45	8.60	33.36	1.158	0.676	150.76	0.300	1.380
260				30-60	6.12	0.480	0.108	277.7	14.56	189.5	4.83	2.11							
261				60-100	6.04	0.450	0.105	252.9	12.32	159.7	4.15	1.41							
262	Satyaban Dehury	Nilaamaza	Kukurpetta	0-30	6.35	0.750	0.207	195.9	32.26	661.0	5.06	4.15	26.15	68.36	1.081	0.420	116.40	0.467	1.320
263				30-60	6.21	0.690	0.192	191.0	28.00	641.5	4.19	3.15							
264				60-100	5.88	0.630	0.156	186.7	23.52	564.9	3.95	2.89							
265	Pramod Sahu	Dubanali	Kusakilla	0-30	6.27	0.590	0.138	185.1	30.91	174.9	4.85	3.44	7.55	36.23	1.149	0.480	49.24	0.300	1.550
266				30-60	6.19	0.390	0.126	156.2	27.33	173.6	4.43	2.15							
267				60-100	6.12	0.270	0.108	284.2	21.95	160.4	4.13	2.11							
268	Dayanidhi Sahu	Jhintipal	Korada	0-30	6.27	0.860	0.189	245.4	11.65	256.3	4.75	2.98	10.65	7.52	1.185	1.560	30.80	0.370	2.770
269				30-60	6.22	0.590	0.183	196.8	11.42	237.2	4.56	2.56							
270				60-100	6.13	0.440	0.165	195.1	9.86	243.5	3.59	2.07							
271	Dhobei Sahu	Kosala	Kosala	0-30	6.54	0.129	0.330	159.6	41.89	332.6	3.91	2.98	11.00	5.00	1.602	1.532	17.48	0.686	2.250
272				30-60	6.46	0.120	0.258	159.2	34.94	284.3	3.69	2.54							
273				60-100	6.38	0.114	0.135	156.5	26.21	238.8	3.41	2.41							
274	Kuna Sahu	Changudia	Changudia	0-30	6.46	0.490	0.156	217.8	30.69	275.5	8.34	6.41	5.15	8.72	0.534	0.820	31.40	0.133	2.680
275				30-60	6.42	0.350	0.138	195.4	23.52	189.3	5.69	3.88							
276				60-100	6.39	0.250	0.123	152.3	12.32	178.1	4.85	2.42							
277	Banamali Sahu	Khantanali	Chhendipada	0-30	6.88	0.223	0.273	267.3	78.85	175.6	12.40	10.20	2.76	4.41	1.860	0.948	4.04	0.133	1.750
278				30-60	6.88	0.201	0.144	258.2	49.50	171.6	11.05	9.12							
279				60-100	6.54	0.134	0.102	252.6	35.39	166.0	9.12	5.66							
280	Gopabandhu Sahu	Kumarsingha	Jarapada	0-30	6.52	0.830	0.108	152.0	9.86	744.6	11.10	7.20	14.10	17.44	1.138	0.932	63.48	0.486	1.260
281				30-60	6.42	0.560	0.105	139.7	7.62	661.0	9.54	5.69							
282				60-100	6.20	0.400	0.102	136.2	4.93	598.5	8.29	4.16							
283	Debaraj Pradhan	Laxmidharpur	Jeranga Dehuri Sahi	0-30	6.92	0.205	0.138	248.1	15.46	446.7	8.93	4.54	2.40	2.78	1.008	0.320	5.04	0.200	1.560
284				30-60	6.88	0.145	0.135	219.3	11.42	350.3	8.54	4.16							
285				60-100	6.80	0.130	0.132	208.5	9.86	252.7	8.22	3.02							
286	Khageswar Rout	Nuapada	Tangiri	0-30	6.73	0.670	0.216	194.2	19.94	215.9	8.41	4.36	7.25	14.47	1.255	0.296	39.36	0.714	1.430
287				30-60	6.67	0.510	0.195	183.0	15.01	182.6	8.25	3.59							
288				60-100	6.44	0.480	0.186	156.0	13.22	159.7	7.41	2.96							
289	Suresh Chandra Pradhan	Tukuda	Tukuda	0-30	6.87	0.114	0.237	240.8	37.86	242.8	4.99	2.54	8.25	30.16	1.220	0.664	39.76	0.628	1.520
290				30-60	6.75	0.110	0.192	228.0	34.50	205.0	2.56	2.31							
291				60-100	6.27	0.103	0.159	222.5	21.95	161.5	2.25	2.11							
292	Purnachandra Dehury	Handigoda	Tentulioi Kudasahi	0-30	6.78	0.168	0.186	194.7	69.44	170.9	25.50	14.98	7.90	3.85	1.364	0.488	4.36	0.084	1.220
293				30-60	6.77	0.157	0.159	184.3	49.50	166.9	25.16	14.37							
294				60-100	6.73	0.144	0.141	129.5	45.92	163.7	24.91	14.22							
295	Nabina Sahu	Durgapur	Durgapur	0-30	6.88	0.108	0.126	185.4	11.20	263.9	4.20	3.52	10.00	4.58	0.568	0.452	84.80	0.685	3.480
296				30-60	6.85	0.101	0.120	196.8	10.98	210.8	3.00	3.15							
297				60-100	6.80	0.099	0.114	214.8	9.86	89.2	2.36	2.11							
298	Bipin Majhi	Ambapal	Natada	0-30	6.86	0.173	0.489	290.1	16.35	209.4	8.95	4.54	12.05	9.06	3.176	3.504	7.04	1.620	2.080
299				30-60	6.74	0.169	0.453	219.8	16.80	159.9	8.14	4.41							
300				60-100	6.70	0.157	0.153	174.1	13.66	146.0	8.08	4.09							
301	Ugresen Swain	Nisa	Nisa	0-30	6.64	0.142	0.117	183.1	63.84	246.0	4.89	3.76	16.55	11.82	1.078	0.492	20.92	0.300	2.420
302				30-60	6.78	0.114	0.111	151.2	62.05	218.2	4.76	3.54							
303				60-100	6.74	0.990	0.108	116.4	13.22	178.8	4.59	2.98							
304	Bhabani Sankar Sahu	Nuagaon	Nuagaon	0-30	6.46	0.197	0.135	220.0	59.14	133.7	6.51	4.68	4.80	29.43	1.047	0.224	78.32	0.069	2.130
305				30-60	6.43	0.188	0.108	223.2	16.58	104.4	5.87	3.15							
306				60-100	6.29	0.162	0.102	230.1	15.46	89.2	4.99	3.11							

Soil No.	Name of the farmer	Village	Gram Panchayat	Depth (cm)	pH (1:2)	EC (dS m ⁻¹)	Organic C (%)	Avail. major nutrients (kg ha ⁻¹)			Exch.Ca ... (c mol (p ⁺) kg ⁻¹) ...	Exch.Mg (mg kg ⁻¹)	Avail. S (mg kg ⁻¹)	Available micro nutrients (mg kg ⁻¹)					
								N	P	K				Fe	Cu	Zn	Mn	B	Mo
307	Manoranjana Patra	Paranga	Paranga	0-30	6.73	0.710	0.294	202.0	13.89	119.4	4.78	2.93	12.05	13.74	0.587	0.764	24.52	0.166	2.480
308				30-60	6.70	0.510	0.252	213.7	13.22	77.3	4.55	2.51							
309				60-100	6.67	0.470	0.159	217.0	12.32	52.9	4.45	1.93							
310	Dandadhar Dehury	Para	Para	0-30	6.51	0.229	0.378	279.2	25.76	732.5	8.48	4.69	10.35	38.03	3.168	2.952	16.20	0.514	2.820
311				30-60	6.49	0.198	0.336	269.1	26.21	639.7	7.56	4.15							
312				60-100	6.48	0.187	0.216	253.9	24.42	418.9	7.15	4.05							
313	Balakrushna Sahu	Bhalukhaidhipa	Patakumunda	0-30	6.52	0.650	0.195	170.1	27.78	231.2	8.32	4.71	9.30	30.42	1.660	0.744	140.80	0.081	2.160
314				30-60	6.45	0.570	0.186	153.5	27.33	204.7	4.69	3.15							
315				60-100	6.38	0.480	0.174	149.1	26.66	199.8	5.37	2.89							
316	Bula Sahu	Patrapada	Patrapada	0-30	6.52	0.178	0.708	216.3	59.81	218.0	5.56	3.59	12.05	23.33	1.190	1.156	44.12	0.371	1.570
317				30-60	6.51	0.152	0.465	215.6	35.84	160.2	4.99	3.15							
318				60-100	6.51	0.129	0.129	214.8	25.54	107.5	4.15	2.16							
319	Jugal Kishore Sahu	Barapada	Barapada	0-30	6.39	0.470	0.147	220.5	44.35	154.1	4.52	2.89	10.00	13.17	0.542	0.456	118.48	0.457	1.080
320				30-60	6.31	0.390	0.132	196.8	35.17	115.1	4.48	2.74							
321				60-100	6.25	0.360	0.126	172.4	23.74	97.7	4.42	2.41							
322	Ajay Kumar Gadnaik	Dasarasahi	Barasahi	0-30	6.63	0.630	0.282	229.1	16.58	160.4	5.02	3.78	7.55	19.87	0.968	0.312	42.24	1.830	1.620
323				30-60	6.51	0.620	0.168	153.8	15.46	156.4	4.98	3.69							
324				60-100	6.14	0.610	0.138	111.9	10.08	134.4	4.09	3.15							
325	Manasranjan Dehury	Basantapur	Basantapur	0-30	6.27	0.109	0.129	225.3	13.66	267.0	11.20	3.55	14.45	17.05	1.378	0.392	104.16	0.266	1.650
326				30-60	6.24	0.105	0.126	195.6	12.99	204.7	8.15	2.98							
327				60-100	6.20	0.104	0.123	169.0	9.18	158.8	7.73	2.75							
328	Pradeep Pradhan	Bagedia	Bagedia	0-30	6.32	0.370	0.120	180.1	54.21	209.4	4.89	2.55	9.30	13.68	1.632	0.744	104.36	0.333	1.590
329				30-60	6.31	0.360	0.114	199.1	47.94	159.3	3.56	2.15							
330				60-100	6.22	0.320	0.108	263.2	26.21	89.8	3.17	1.73							
331	Iswar Chandra Sahu	Bahalsahi	Bahalsahi	0-30	6.63	0.295	0.174	180.1	68.77	531.1	9.45	4.83	8.25	30.94	6.432	4.200	87.88	1.114	1.510
332				30-60	6.56	0.287	0.147	181.6	66.08	351.5	6.78	3.69							
333				60-100	6.23	0.280	0.102	182.4	53.09	240.6	5.73	2.48							
334	Rabindra Pradhan	Balipata	Balipata	0-30	6.74	0.255	0.117	228.0	20.83	518.8	6.19	2.65	17.55	11.77	1.218	1.144	46.08	0.074	1.480
335				30-60	6.65	0.214	0.114	212.9	20.38	498.4	5.11	2.54							
336				60-100	6.52	0.103	0.108	189.7	20.16	438.6	4.89	1.89							
337	Bhima Biswal	Brahmanbila	Brahmanbila	0-30	6.53	0.231	0.246	263.7	34.50	270.6	10.44	5.69	12.05	13.61	1.754	1.180	5.89	1.263	1.540
338				30-60	6.45	0.156	0.216	250.1	32.48	236.5	5.69	4.15							
339				60-100	6.46	0.143	0.198	192.4	22.85	219.5	5.04	3.11							
340	Ashok Kumar Gadnaik	Machhakuta	Machhakuta	0-30	6.35	0.290	0.456	198.2	12.77	168.4	5.63	3.04	7.25	37.87	1.558	0.476	80.92	0.166	1.040
341				30-60	6.31	0.280	0.429	180.8	12.54	150.3	4.94	2.69							
342				60-100	6.32	0.270	0.309	168.3	9.18	131.9	4.15	1.76							
343	Anil Kumar Sahu	Raijharan	Raijharan	0-30	6.71	0.178	0.372	239.8	21.28	398.5	5.88	3.77	11.35	10.11	1.142	1.728	22.12	0.366	1.210
344				30-60	6.67	0.162	0.363	194.1	16.58	351.5	4.15	3.15							
345				60-100	6.58	0.151	0.300	184.9	14.78	308.9	4.06	2.89							
346	Pratap Kumar Sahu	Similipal	Similipal	0-30	6.26	0.620	0.216	173.4	12.10	209.0	5.05	2.46	12.40	8.80	1.192	0.412	34.44	0.333	1.230
347				30-60	3.36	0.410	0.198	164.8	9.18	207.9	4.97	2.14							
348				60-100	6.14	0.390	0.186	168.6	8.51	204.7	4.81	1.51							
KISHORENAGAR BLOCK																			
349	Suresh Biswal	Angapada	Angapada	0-30	6.41	0.850	0.102	230.6	43.23	121.9	8.65	1.95	11.00	22.17	1.288	0.312	88.96	0.067	1.880
350				30-60	6.32	0.770	0.102	185.7	25.54	205.6	6.62	1.83							
351				60-100	6.26	0.260	0.102	218.3	23.30	232.7	4.55	0.61							
352	Tapan Pradhan	Dhadarapal	Dhadarapal	0-30	6.95	0.141	0.423	173.1	9.63	825.1	16.80	8.41	8.60	6.66	2.934	2.596	8.20	0.686	2.190
353				30-60	6.90	0.135	0.363	139.7	7.17	848.2	12.59	4.15							
354				60-100	6.89	0.119	0.141	179.4	4.70	782.7	11.40	3.75							
355	Sudam Pradhan	Damadara	Himitira	0-30	6.87	0.142	0.405	226.8	21.28	675.6	14.51	7.15	4.13	13.36	2.010	2.264	7.76	0.828	1.920
356				30-60	6.87	0.140	0.264	218.9	18.82	482.7	13.69	4.15							
357				60-100	6.75	0.135	0.249	225.5	13.66	418.0	12.10	4.05							
358	Sarat Pradhan	Gadaimunda	Urukula	0-30	6.79	0.560	0.120	192.9	15.23	983.1	8.44	4.99	6.55	6.60	1.232	0.796	28.12	0.400	2.040
359				30-60	6.77	0.480	0.114	177.5	11.42	931.6	8.36	3.15							
360				60-100	6.78	0.330	0.108	162.8	10.53	776.4	8.29	2.14							
361	JohnsonPradhan	Khairamunda	Ambapal	0-30	6.30	0.760	0.150	290.3	19.26	710.1	8.67	3.34	13.75	34.54	2.194	0.520	20.52	0.400	1.250
362				30-60	6.23	0.510	0.126	196.8	18.37	563.1	8.52	3.25							
363				60-100	6.24	0.280	0.114	162.1	16.58	358.0	7.14	3.11							

Soil No.	Name of the farmer	Village	Gram Panchayat	Depth (cm)	pH (1:2)	EC (dS m ⁻¹)	Organic C (%)	Avail. major nutrients (kg ha ⁻¹)			Exch.Ca ... (c mol (p ⁺) kg ⁻¹) ...	Exch.Mg (mg kg ⁻¹)	Avail. S (mg kg ⁻¹)	Available micro nutrients (mg kg ⁻¹)					
								N	P	K				Fe	Cu	Zn	Mn	B	Mo
364	Sudarsan Pradhan	Nagajharan	Jamunali	0-30	6.44	0.196	0.414	351.7	20.61	772.4	9.28	4.43	7.25	65.44	4.852	2.736	61.44	0.072	1.140
365				30-60	6.33	0.157	0.270	250.1	19.49	483.4	5.69	3.69							
366				60-100	6.16	0.150	0.258	213.0	18.14	257.6	4.99	2.46							
367	Nakula Sahu	Kataranga	Kataranga	0-30	6.45	0.660	0.225	219.0	65.86	121.9	5.40	2.96	13.10	21.62	2.030	2.732	39.88	2.250	1.560
368				30-60	6.42	0.590	0.204	195.6	64.29	118.9	4.89	1.58							
369				60-100	6.40	0.530	0.198	165.8	50.62	115.1	3.69	1.36							
370	Nichala Sandha	Charkhaman	Kanteikolia	0-30	6.74	0.950	0.210	196.8	32.48	212.4	12.25	6.89	9.65	11.95	1.510	0.892	17.92	0.087	1.150
371				30-60	6.63	0.870	0.156	181.6	30.46	181.7	12.11	5.69							
372				60-100	6.60	0.530	0.129	160.1	25.54	159.0	11.89	4.88							
373	Prana Bandhu Pradhan	Bania	Kadalimunda	0-30	6.31	0.072	0.213	393.1	22.18	321.9	9.76	5.73	7.25	15.42	2.168	0.516	68.68	0.074	1.040
374				30-60	6.23	0.061	0.195	265.2	19.49	281.3	5.89	4.15							
375				60-100	6.15	0.044	0.159	242.6	15.01	261.2	4.74	3.69							
376	Kaustav Pradhan	Mahulmal	Oskapali	0-30	6.66	0.144	0.444	229.8	28.00	359.7	12.70	6.89	7.25	6.70	2.092	0.940	70.76	0.068	1.250
377				30-60	6.65	0.125	0.423	218.9	26.21	351.5	11.30	5.66							
378				60-100	6.63	0.102	0.414	202.7	23.97	272.2	10.69	4.15							
379	Bhagirathi Biswal	Dhaurapali	Dhaurapali	0-30	6.89	0.038	0.240	246.4	15.01	190.0	11.99	3.32	11.70	7.85	1.222	0.324	31.28	0.300	1.360
380				30-60	6.38	0.035	0.105	231.4	15.46	166.9	8.56	2.51							
381				60-100	6.30	0.031	0.102	206.2	12.10	157.7	4.59	2.73							
382	Jaru Sethy	Dhundi	Gaonboinda	0-30	6.72	0.087	0.276	217.3	21.95	246.0	7.80	4.03	6.90	30.41	1.192	0.628	30.84	0.266	4.710
383				30-60	6.67	0.076	0.204	208.0	20.61	229.4	6.46	4.01							
384				60-100	6.54	0.068	0.174	179.6	19.49	219.5	5.82	3.98							
385	Manoranjan Pradhan	Padiabandhapal	Jharabarini	0-30	6.50	0.104	0.228	250.1	23.52	240.8	6.59	3.32	7.55	42.28	2.771	1.664	131.04	0.100	1.740
386				30-60	6.49	0.098	0.216	232.8	21.73	210.8	6.06	3.27							
387				60-100	6.30	0.083	0.198	216.5	20.61	185.5	5.89	3.21							
388	Sasadeb Sahoo	Jairat	Jairat	0-30	6.73	0.129	0.165	141.2	29.12	534.9	16.30	6.89	18.60	9.50	3.039	0.912	88.08	0.054	2.560
389				30-60	6.28	0.123	0.126	267.7	13.22	326.4	7.81	5.69							
390				60-100	6.18	0.063	0.099	247.4	12.77	213.9	3.88	2.14							
391	Banambar Pradhan	Pratapur	Handapa	0-30	6.76	0.334	0.138	232.8	24.86	503.1	11.90	8.56	13.10	3.47	2.574	1.276	20.48	0.064	1.930
392				30-60	6.59	0.342	0.120	228.8	24.64	438.1	9.58	4.89							
393				60-100	6.37	0.321	0.114	246.1	23.52	292.1	7.81	3.15							
394	Rabi Behera	Sanjamura	Sanjamura	0-30	6.57	0.189	0.138	173.9	39.42	418.7	11.30	6.39	6.85	13.28	1.163	1.024	16.16	0.628	1.400
395				30-60	6.55	0.172	0.126	181.6	37.86	346.5	8.97	5.87							
396				60-100	6.52	0.168	0.114	251.6	36.51	266.8	7.62	3.69							
397	Jhasketan Pradhan	Anandamunda	Nunukapasi	0-30	6.15	0.029	0.195	152.3	28.67	259.6	10.90	5.14	17.95	11.92	1.879	1.496	118.60	0.308	4.620
398				30-60	6.15	0.025	0.186	157.8	26.66	205.0	9.47	4.07							
399				60-100	6.13	0.024	0.183	161.3	15.23	162.8	4.15	2.89							
400	Srendra Pradhan	Jhapuli	Raniakata	0-30	6.75	0.246	0.147	231.8	49.50	855.2	9.74	4.15	11.70	24.58	2.636	1.184	11.32	0.790	1.730
401				30-60	6.66	0.194	0.144	236.7	45.02	575.5	7.15	3.15							
402				60-100	6.37	0.163	0.108	277.5	24.86	280.9	6.51	1.70							
403	Raghunath Dehury	Korodabahali	Bileinali	0-30	6.60	0.258	0.171	202.2	12.32	596.5	8.59	4.16	20.30	18.77	3.500	2.060	55.36	0.270	2.770
404				30-60	6.42	0.145	0.144	182.9	9.18	563.1	5.69	3.15							
405				60-100	6.46	0.118	0.102	150.8	7.17	403.0	5.27	2.11							
406	Shiba Shankar Sahu	Jamunali	Bamur	0-30	6.30	0.043	0.276	230.3	18.59	147.6	10.30	5.16	21.10	17.84	2.409	0.800	95.28	0.270	1.480
407				30-60	6.20	0.041	0.144	193.4	15.90	117.6	9.14	2.15							
408				60-100	6.12	0.040	0.120	181.6	15.46	93.2	7.83	3.22							
409	Ranjit Sahu	Nakachi	Nakachi	0-30	6.45	0.399	0.201	156.5	17.47	398.3	4.22	3.15	7.05	7.04	1.421	4.480	4.12	0.444	1.400
410				30-60	6.32	0.214	0.177	140.2	15.46	363.6	4.15	3.12							
411				60-100	6.14	0.193	0.144	150.3	11.65	189.7	4.06	2.16							
TALCHER BLOCK																			
412	Dhiren Kumar Nahak	Badajorada	Badajorada	0-30	6.37	0.420	0.105	115.7	31.36	144.3	6.05	3.51	9.65	4.52	0.556	0.600	58.48	0.103	1.140
413				30-60	6.15	0.340	0.102	113.5	28.00	116.7	5.69	2.69							
414				60-100	6.06	0.360	0.102	107.1	29.79	90.5	3.93	1.98							
415	Alekha Sahoo	Tentuloi	Tentuloi	0-30	6.59	0.192	0.153	192.7	17.25	873.7	6.52	3.01	16.40	12.02	0.951	0.332	96.52	0.294	1.540
416				30-60	6.52	0.166	0.132	186.8	16.80	737.1	4.19	3.22							
417				60-100	6.49	0.101	0.126	250.6	14.78	733.2	3.51	2.69							
418	Srinibash Garhanach	Gobara	Gobara	0-30	6.11	0.630	0.246	190.9	12.99	657.0	6.62	2.89	25.80	18.66	4.696	1.180	152.12	0.171	2.710
419				30-60	6.11	0.510	0.228	168.2	12.77	678.5	6.48	2.15							
420				60-100	6.11	0.470	0.198	159.1	9.18	435.7	6.21	1.15							

Soil No.	Name of the farmer	Village	Gram Panchayat	Depth (cm)	pH (1:2)	EC (dS m ⁻¹)	Organic C (%)	Avail. major nutrients (kg ha ⁻¹)			Exch.Ca ... (c mol (p ⁺) kg ⁻¹) ...	Exch.Mg (mg kg ⁻¹)	Avail. S (mg kg ⁻¹)	Available micro nutrients (mg kg ⁻¹)					
								N	P	K				Fe	Cu	Zn	Mn	B	Mo
421	hadibandhu Pradhan	Naraharipur	Hensamula	0-30	6.07	0.510	0.144	182.9	14.11	280.2	3.88	0.34	17.65	12.15	2.155	0.484	47.44	0.100	2.220
422				30-60	6.10	0.524	0.138	191.7	15.01	223.8	4.01	1.02							
423				60-100	6.14	0.540	0.114	201.5	15.68	183.0	4.09	1.34							
424	Nakula Sahoo	Brajanathpur	Brajanathpur	0-30	6.04	0.520	0.108	242.0	17.92	118.9	3.88	1.07	7.80	33.01	1.941	0.780	82.56	0.270	3.930
425				30-60	6.11	0.416	0.106	220.5	15.68	101.9	3.85	0.98							
426				60-100	6.12	0.342	0.102	212.2	14.56	90.7	3.80	0.54							
427	Sumati Sahoo	Kankili	Kankili	0-30	6.23	0.736	0.267	187.7	14.78	192.4	5.21	0.48	25.00	11.82	2.639	0.624	145.24	0.324	1.940
428				30-60	6.20	0.642	0.192	223.8	15.46	184.8	4.62	0.39							
429				60-100	6.17	0.611	0.177	232.8	16.80	183.9	3.21	0.23							
430	Akula Nanda	Baidamunda	Gurujanga	0-30	6.63	0.503	0.267	169.3	21.50	204.5	3.19	2.35	34.38	5.52	1.306	1.204	9.04	0.120	1.730
431				30-60	6.25	0.426	0.207	193.2	21.73	170.0	2.99	1.32							
432				60-100	6.06	0.405	0.195	210.7	21.95	158.6	2.66	0.97							
433	Susanta Sahoo	Solado	Kalamachhuin	0-30	6.54	0.433	0.231	158.1	18.14	132.2	10.50	1.72	134.10	5.52	1.306	1.204	9.04	0.256	1.650
434				30-60	6.43	0.421	0.222	145.5	17.92	138.0	5.64	1.55							
435				60-100	6.58	0.411	0.216	126.7	17.02	116.5	4.87	1.23							
436	Ramachandra Sahoo	Dharmapur	Dharmapur	0-30	6.30	0.082	0.159	197.7	14.56	304.9	8.13	4.28	35.15	9.10	1.850	0.500	31.32	0.034	1.730
437				30-60	6.26	0.990	0.153	208.7	15.90	282.9	7.54	3.20							
438				60-100	6.21	0.199	0.147	221.3	18.14	242.4	6.38	2.59							
439	Madhusudan Garh Naik	Mallibandha	Gopal Prasad	0-30	6.75	0.309	0.156	223.8	14.34	207.2	8.82	2.49	93.20	13.19	1.397	0.992	6.28	0.103	1.000
440				30-60	6.11	0.259	0.126	191.8	18.82	162.6	5.24	2.28							
441				60-100	5.88	0.103	0.120	147.8	24.86	146.7	4.73	1.48							
442	Pradeep Kumar Sahoo	Kumunda	Kumunda	0-30	6.34	0.262	0.246	233.9	12.54	657.4	5.33	3.75	36.70	15.63	1.408	1.080	28.32	0.171	2.480
443				30-60	6.22	0.169	0.189	207.5	8.06	508.0	4.66	2.31							
444				60-100	6.14	0.085	0.183	144.5	15.90	355.3	3.58	1.38							
445	Subrat Kumar Ratha	Gurujanguli	Gurujanguli	0-30	6.35	0.455	0.216	208.5	23.07	373.0	11.48	5.62	21.85	15.14	1.086	0.828	33.48	0.188	1.310
446				30-60	6.70	0.256	0.186	125.9	15.90	343.6	10.10	4.21							
447				60-100	6.64	0.201	0.162	150.5	15.46	322.1	7.61	3.59							
448	Nagen Dhar	Jagannathpur	Jagannathpur	0-30	6.60	0.484	0.207	174.5	151.20	915.0	5.54	2.14	33.60	10.03	3.671	1.260	16.60	0.205	1.710
449				30-60	6.66	0.359	0.192	207.1	102.14	669.5	4.59	1.89							
450				60-100	6.81	0.251	0.183	220.0	44.80	388.9	3.59	0.97							
451	Prafulla Kumar Pradhan	Dera	Dera	0-30	6.44	0.259	0.153	127.7	15.90	260.3	10.01	4.72	27.35	10.52	1.360	1.492	18.80	0.134	2.350
452				30-60	6.34	0.123	0.147	153.3	19.26	207.9	8.64	3.58							
453				60-100	6.28	0.059	0.138	264.7	20.83	140.7	7.84	2.27							
454	Pradeep kumar Naik	Karnapur	Karnapur	0-30	6.38	0.123	0.237	173.6	42.78	401.2	10.50	2.31	30.45	9.72	0.984	0.468	35.48	0.292	1.040
455				30-60	6.24	0.075	0.231	157.8	15.46	351.5	9.84	2.02							
456				60-100	6.15	0.720	0.225	218.0	19.94	294.3	8.69	1.65							
457	Susanta Kumar Ratha	Bantol	Bantol	0-30	6.63	0.193	0.261	304.6	36.96	276.4	13.13	2.96	33.60	9.37	1.924	0.928	35.56	0.168	1.930
458				30-60	6.46	0.128	0.255	253.5	24.42	199.6	8.59	1.98							
459				60-100	6.36	0.078	0.243	225.3	21.73	126.6	4.64	0.69							
460	Gopinatha Samal	Santhapada	Santhapada	0-30	6.27	0.148	0.147	141.9	12.54	214.6	6.09	2.89	48.45	3.80	2.262	1.216	59.36	0.064	2.680
461				30-60	6.28	0.138	0.141	159.6	15.46	171.1	5.98	1.36							
462				60-100	6.31	0.081	0.132	138.5	30.91	135.3	5.31	0.89							
463	Rajesh Kumar Pradhan	Kandhal	Kandhal	0-30	6.22	0.168	0.234	266.9	18.82	171.1	4.54	3.82	25.80	28.22	4.040	1.136	124.80	0.270	1.490
464				30-60	6.23	0.082	0.222	185.4	19.13	136.9	4.52	2.59							
465				60-100	6.24	0.810	0.216	125.4	20.61	134.6	4.50	1.95							
466	Milu Sahu	Ghantapada	Ghantapada	0-30	6.65	0.106	0.657	245.1	38.53	146.0	14.90	6.78	31.25	6.81	2.297	1.604	8.12	1.200	3.210
467				30-60	6.53	0.890	0.636	188.9	36.29	275.5	8.42	2.89							
468				60-100	6.49	0.039	0.615	165.6	34.05	112.2	7.59	2.57							
469	Padmalochan Sahu	Kandhabarini	Padmabatipur	0-30	6.45	0.063	0.123	201.0	12.77	271.0	8.34	3.65	26.55	5.94	1.674	0.596	24.04	0.788	2.100
470				30-60	6.49	0.049	0.120	153.0	15.01	228.0	6.38	3.38							
471				60-100	6.51	0.041	0.114	139.2	16.13	127.2	4.99	3.02							
472	Satyanaryan Sahoo	Danara	Danara	0-30	6.02	0.103	0.162	266.7	23.07	153.4	3.12	1.23	35.95	16.21	1.972	1.236	62.28	0.324	3.710
473				30-60	6.08	0.570	0.156	224.4	20.38	142.0	3.11	1.20							
474				60-100	6.18	0.420	0.153	155.5	20.16	134.6	3.10	1.11							

Soil No.	Name of the farmer	Village	Gram Panchayat	Depth (cm)	pH (1:2)	EC (dS m ⁻¹)	Organic C (%)	Avail. major nutrients (kg ha ⁻¹)			Exch.Ca	Exch.Mg	Avail. S (mg kg ⁻¹)	Available micro nutrients (mg kg ⁻¹)					
								N	P	K	...	(c mol (p ⁺) kg ⁻¹) ...		Fe	Cu	Zn	Mn	B	Mo
PALLALAHARA BLOCK																			
475	Alekh Chandra Biswal	Ranja	Dimiria	0-30	6.02	0.069	0.180	233.1	31.58	170.2	4.96	2.54	28.90	7.46	1.107	0.512	69.44	0.256	2.530
476				30-60	6.16	0.048	0.156	157.6	20.16	154.8	4.87	2.46							
477				60-100	6.23	0.036	0.147	119.9	15.68	119.6	4.68	2.12							
478	Sankarshan Sardar	Badabagadari	Pabitrapur	0-30	6.40	0.036	0.264	227.0	19.71	183.2	5.09	4.05	14.05	19.28	2.578	0.604	75.24	0.034	6.330
479				30-60	6.25	0.026	0.132	133.7	14.11	116.3	4.95	3.46							
480				60-100	6.11	0.016	0.105	128.1	13.44	95.9	4.12	2.59							
481	Satyabati Behera	Batisuan	Batisuan	0-30	6.27	0.048	0.228	283.2	15.01	222.0	8.19	2.39	27.35	33.04	2.075	0.840	170.12	0.044	3.970
482				30-60	6.42	0.046	0.198	132.2	13.22	282.2	7.75	1.98							
483				60-100	6.52	0.041	0.108	131.8	13.22	199.8	6.63	1.35							
484	Nanda kishore Pradhan	Banar	Khemala	0-30	6.05	0.074	0.178	154.0	20.16	183.7	5.26	3.24	35.15	34.68	0.557	0.244	116.60	0.088	2.610
485				30-60	6.09	0.034	0.156	145.8	23.52	147.2	4.53	3.01							
486				60-100	6.15	0.024	0.145	144.8	22.40	109.5	3.80	2.87							
487	Nilamani Kamal	Nagira	Nagira	0-30	6.15	0.103	0.384	248.6	13.22	168.9	10.50	4.55	20.30	49.64	3.908	0.752	161.76	0.079	1.780
488				30-60	6.25	0.098	0.264	215.3	11.87	123.2	8.48	3.48							
489				60-100	6.30	0.072	0.195	211.9	11.80	112.2	7.89	2.49							
490	Bijay Kumar Sahoo	Bandhabuin	Bandhabuin	0-30	6.12	0.052	0.327	170.6	14.56	258.0	5.94	3.75	18.75	4.78	1.644	0.560	32.80	0.428	6.260
491				30-60	6.10	0.049	0.195	156.8	13.89	231.8	5.26	2.98							
492				60-100	6.08	0.045	0.147	118.7	13.44	220.2	4.97	2.20							
493	Atalbihari Pradhan	Phanpanda	Balipashi	0-30	6.08	0.072	0.324	314.6	9.41	261.9	10.20	7.26	35.95	6.84	1.714	0.496	35.44	0.054	6.450
494				30-60	6.10	0.046	0.207	216.8	11.65	226.5	6.58	6.49							
495				60-100	6.17	0.039	0.126	213.0	14.34	224.2	5.06	5.89							
496	Kalandhi Chandra Naik	Iswarnagar	Iswarnagar	0-30	6.20	0.105	0.462	222.3	20.16	310.7	5.23	2.84	24.20	58.04	1.795	0.844	169.16	0.033	6.510
497				30-60	6.26	0.044	0.309	170.3	19.94	283.4	3.99	1.57							
498				60-100	6.33	0.041	0.261	161.8	17.47	248.6	2.35	0.87							
499	Madanmoahan Naik	Patbeda	Nijagada	0-30	6.00	0.135	0.360	168.7	17.02	166.7	9.35	5.39	36.70	56.51	1.539	0.792	150.80	0.256	6.870
500				30-60	6.22	0.101	0.270	168.3	21.28	144.3	7.59	3.64							
501				60-100	6.45	0.045	0.153	162.3	38.53	98.3	4.99	1.24							
502	Bidhyadhar Naik	Talabahali	Jharabeda	0-30	6.26	0.092	0.402	267.4	18.59	50.0	5.34	2.59	40.00	13.28	2.693	0.680	52.92	0.428	5.530
503				30-60	6.33	0.066	0.222	185.9	21.50	48.8	4.31	1.62							
504				60-100	6.43	0.059	0.156	152.8	17.92	46.1	3.58	1.02							
505	Upendra Mahanta	Dallo	Saida	0-30	6.10	0.157	0.241	199.7	24.42	270.6	6.89	2.58	26.90	22.88	1.548	0.596	36.28	0.057	5.750
506				30-60	6.15	0.107	0.199	142.0	22.18	266.3	4.24	2.31							
507				60-100	6.51	0.099	0.145	138.1	17.92	118.7	3.29	1.03							
508	Trilochan Palei	Pechamundi	Pechamundi	0-30	6.27	0.571	0.549	234.8	27.55	854.3	10.00	8.06	46.15	51.36	7.000	2.288	27.50	0.120	5.950
509				30-60	6.31	0.564	0.318	233.2	34.94	258.3	7.85	2.89							
510				60-100	6.36	0.554	0.237	218.8	41.44	232.1	8.63	2.01							
511	Bishnu Charan Pradhan	Sigada	Sigada	0-30	6.48	0.072	0.240	186.4	14.56	776.2	5.92	1.93	24.60	4.48	1.370	0.832	21.04	0.034	6.270
512				30-60	6.51	0.042	0.186	156.5	15.90	541.2	5.01	1.32							
513				60-100	6.54	0.031	0.102	204.2	17.47	499.7	4.78	0.98							
514	Bholeswar Naik	Mahurapani	Namapasi	0-30	6.02	0.114	0.138	223.9	17.92	174.5	10.10	3.21	26.15	8.12	3.869	0.760	16.72	0.292	5.570
515				30-60	6.28	0.076	0.114	221.0	17.25	178.1	9.81	2.49							
516				60-100	6.29	0.058	0.102	209.2	17.02	158.6	8.92	2.21							
517	Rudra Sahoo	Burbura	Allori	0-30	6.44	0.066	0.306	127.7	36.51	175.4	5.58	2.36	18.75	12.07	2.084	0.400	16.72	0.120	5.670
518				30-60	6.39	0.057	0.240	125.3	22.62	173.6	4.49	2.29							
519				60-100	6.31	0.051	0.186	123.8	20.83	164.4	3.85	2.12							
520	Pitambar Sahoo	Munduri Beda	Munduri Beda	0-30	6.19	0.043	0.648	194.7	13.44	168.7	15.80	3.46	25.40	82.60	4.708	2.008	38.44	0.051	5.800
521				30-60	6.26	0.038	0.510	337.4	13.44	162.4	9.85	2.98							
522				60-100	6.44	0.029	0.423	158.6	14.11	157.5	7.94	1.58							
523	Maguni Sahoo	Chhanchunia	Kunjam	0-30	6.67	0.127	0.603	221.5	13.66	571.0	10.10	3.12	24.60	9.67	9.672	1.416	16.20	0.100	5.280
524				30-60	6.66	0.125	0.537	196.4	17.02	260.1	7.82	2.78							
525				60-100	6.25	0.123	0.459	187.9	15.68	246.0	6.79	2.13							
526	Kuber Mohanty	Badabalipass	Rajadanga	0-30	6.14	0.056	0.141	220.0	21.50	333.5	7.89	3.64	34.60	6.06	2.150	0.496	134.32	0.034	5.370
527				30-60	6.25	0.050	0.126	206.0	20.38	303.7	3.86	2.72							
528				60-100	6.37	0.040	0.111	155.3	18.14	290.3	2.31	2.15							
529	Sukanta Behera	Rohila	Rohila	0-30	6.04	0.119	0.205	180.5	17.25	348.3	5.16	3.27	40.00	8.97	1.916	0.524	112.92	0.046	5.370
530				30-60	6.20	0.079	0.184	170.5	13.44	192.9	4.44	2.98							
531				60-100	6.48	0.068	0.102	159.3	11.42	162.4	3.21	2.45							

Soil No.	Name of the farmer	Village	Gram Panchayat	Depth (cm)	pH (1:2)	EC (dS m ⁻¹)	Organic C (%)	Avail. major nutrients (kg ha ⁻¹)			Exch.Ca ... (c mol (p ⁺) kg ⁻¹) ...	Exch.Mg (mg kg ⁻¹)	Avail. S (mg kg ⁻¹)	Available micro nutrients (mg kg ⁻¹)					
								N	P	K				Fe	Cu	Zn	Mn	B	Mo
532	Nabin Sahoo	Nabamunda	Sankhamur	0-30	6.67	0.188	0.138	145.8	15.23	234.8	24.50	11.59	19.25	3.00	0.611	0.452	5.96	0.037	4.000
533				30-60	6.25	0.125	0.123	159.1	14.56	245.3	22.31	10.59							
534				60-100	6.16	0.091	0.114	251.1	14.34	196.9	20.60	9.65							
535	Chandramani Pradhan	Kukuria	Injidi	0-30	6.03	0.069	0.114	179.9	19.49	145.4	5.56	3.65	20.75	8.96	1.167	0.452	107.32	0.045	3.480
536				30-60	6.13	0.047	0.111	170.1	17.47	144.0	4.26	1.26							
537				60-100	6.26	0.026	0.102	153.3	12.32	142.5	3.21	1.01							
538	Nrusingha Nayak	Puruna Pani	Parachhata	0-30	6.31	0.429	1.263	252.9	17.47	151.6	12.52	8.59	56.15	124.76	8.704	2.788	157.96	0.497	3.200
539				30-60	6.42	0.372	1.194	137.7	21.28	125.7	11.10	5.48							
540				60-100	6.50	0.280	0.972	112.4	23.52	96.8	10.35	4.28							
541	Tapan Kumar Pradhan	Odasas	Khamar	0-30	6.15	0.036	0.444	331.7	18.37	99.0	7.06	2.92	16.90	13.85	3.108	0.524	43.36	0.057	4.320
542				30-60	6.19	0.035	0.318	240.1	18.37	78.6	6.54	1.97							
543				60-100	6.23	0.034	0.291	232.6	18.37	72.8	5.08	1.47							
544	Sanjaya Kumar Pradhan	Ranjana	Karadapal	0-30	6.16	0.194	0.483	247.9	21.28	443.7	4.73	2.63	34.60	27.41	2.694	1.936	166.92	0.064	3.800
545				30-60	6.29	0.105	0.297	232.6	19.26	440.2	4.85	2.09							
546				60-100	6.50	0.099	0.183	169.3	17.47	427.6	4.55	1.84							
547	Debananda Pradhan	Chasagurujanga	Chasagurujanga	0-30	6.08	0.069	0.192	275.7	13.66	161.7	5.67	2.77	24.35	5.77	1.430	0.428	87.80	0.112	3.960
548				30-60	6.12	0.048	0.153	270.4	13.44	157.0	5.06	2.49							
549				60-100	6.27	0.028	0.144	263.7	12.32	155.7	4.96	2.23							
550	Bauribandhu Mohanty	Tambaru	Badasada	0-30	6.99	0.108	0.277	191.2	13.44	267.0	29.60	4.83	33.15	18.12	2.648	1.348	193.04	0.600	4.720
551				30-60	6.63	0.101	0.199	183.5	13.66	223.8	15.49	3.59							
552				60-100	6.46	0.082	0.154	156.0	16.13	219.5	5.11	0.37							
BANARPAL BLOCK																			
553	Pandua Biswal	Kulad	Kulad	0-30	7.00	0.175	1.209	184.1	14.56	219.1	16.80	12.80	25.00	3.16	1.100	0.228	4.88	0.788	3.620
554				30-60	6.37	0.171	1.098	168.1	12.54	206.8	14.99	10.26							
555				60-100	6.05	0.163	0.948	165.7	9.63	164.0	13.59	8.52							
556	Kishore Mohanty	Bauligada	Bauligada	0-30	6.71	0.148	0.219	190.2	21.95	396.5	16.04	3.25	7.40	7.40	3.120	2.452	20.64	0.754	3.510
557				30-60	6.70	0.120	0.207	181.1	19.04	396.5	15.79	4.86							
558				60-100	6.75	0.110	0.162	147.3	14.11	396.3	14.59	4.98							
559	Pitamabar Pradhan	Kulei	Tubey	0-30	6.46	0.067	0.201	230.1	12.54	129.0	17.80	9.64	29.05	13.42	2.655	1.016	73.72	0.032	3.760
560				30-60	6.42	0.061	0.153	179.9	12.10	125.9	12.35	4.89							
561				60-100	6.40	0.060	0.126	170.1	11.87	123.0	8.13	2.56							
562	Arjuna Nayak	Sakosingha	Sakosingha	0-30	6.89	0.240	0.975	150.3	53.09	224.4	16.00	8.58	25.70	3.16	1.402	0.896	2.08	0.448	3.670
563				30-60	6.73	0.240	0.720	231.2	30.24	223.8	15.23	6.59							
564				60-100	6.68	0.230	0.633	123.6	43.68	215.9	14.30	5.92							
565	Rabindra Kumar Sahu	Kanjara	Kanjara	0-30	6.93	0.244	0.591	213.2	33.15	441.1	29.20	10.80	4.05	2.29	1.320	0.516	2.68	0.108	3.490
566				30-60	6.92	0.244	0.525	196.1	28.00	402.1	16.49	8.59							
567				60-100	6.92	0.244	0.459	155.3	27.78	373.9	25.20	5.25							
568	Dilip Kumar Pradhan	Badakerajanga	Badakerajanga	0-30	6.84	0.065	0.804	215.0	19.04	291.0	13.10	4.81	4.05	5.93	2.038	1.140	3.68	1.251	3.580
569				30-60	6.83	0.061	0.528	206.0	16.80	172.3	10.24	4.65							
570				60-100	6.83	0.058	0.459	180.1	21.73	119.6	9.51	4.35							
571	Pankaj Samal	Budapanka	Budapanka	0-30	6.66	0.198	0.579	235.6	25.09	121.0	15.09	9.36	26.35	11.45	1.714	0.524	11.16	0.164	3.680
572				30-60	6.66	0.051	0.513	234.7	22.18	86.7	7.05	5.61							
573				60-100	6.66	0.047	0.507	218.8	19.49	67.4	6.49	1.35							
574	Susant Kumar Sahu	Maidharpur	Maidharpur	0-30	6.66	0.100	0.177	156.8	10.53	330.4	16.00	3.95	7.40	11.12	2.578	1.092	3.04	1.406	4.090
575				30-60	6.66	0.099	0.144	205.7	21.73	305.1	10.50	2.54							
576				60-100	6.67	0.067	0.111	209.2	30.24	229.8	8.95	2.12							
577	Pabitra Majhi	Gadasantri	Gadasantri	0-30	6.74	0.201	0.801	272.0	23.74	215.9	22.50	17.03	45.30	4.82	1.522	0.836	11.84	0.164	4.180
578				30-60	6.83	0.156	0.654	120.7	22.85	130.1	20.12	15.26							
579				60-100	6.94	0.121	0.393	125.3	29.12	116.9	18.62	12.16							
580	Magata Pradhan	Jarasingha	Jarasingha	0-30	6.89	0.192	0.504	191.4	23.07	215.5	26.00	7.66	7.40	3.31	1.076	0.728	3.32	0.132	3.560
581				30-60	6.65	0.187	0.462	190.8	22.85	132.6	24.32	5.62							
582				60-100	6.41	0.183	0.345	184.1	23.52	109.1	22.51	3.15							
583	Prakash Pradhan	Kurudol	Kurudol	0-30	6.94	0.146	0.522	187.4	27.10	285.6	16.50	7.20	9.45	3.56	1.977	2.160	3.52	0.272	4.050
584				30-60	6.92	0.139	0.498	166.7	27.55	252.0	12.75	6.62							
585				60-100	6.89	0.133	0.396	136.2	24.86	195.1	10.23	5.49							
586	Dipti Mahalika	Nuahata	Nuahata	0-30	6.79	0.104	0.282	219.3	24.64	384.4	11.30	2.59	14.20	7.20	3.059	2.324	16.88	0.634	4.460
587				30-60	6.72	0.085	0.207	132.3	21.28	380.6	10.52	2.35							
588				60-100	6.61	0.820	0.138	151.8	21.95	362.2	9.62	2.02							

Soil No.	Name of the farmer	Village	Gram Panchayat	Depth (cm)	pH (1:2)	EC (dS m ⁻¹)	Organic C (%)	Avail. major nutrients (kg ha ⁻¹)			Exch.Ca ... (c mol (p ⁺) kg ⁻¹) ...	Exch.Mg (mg kg ⁻¹)	Avail. S (mg kg ⁻¹)	Available micro nutrients (mg kg ⁻¹)					
								N	P	K				Fe	Cu	Zn	Mn	B	Mo
589	Pabitra Sahu	Banda	Banda	0-30	6.94	0.150	0.864	159.6	21.95	406.3	29.40	18.12	15.55	3.53	1.280	0.524	5.16	0.123	2.830
590				30-60	6.93	0.150	0.807	149.9	16.80	403.0	28.59	10.45							
591				60-100	6.93	0.149	0.753	147.0	13.89	401.9	27.50	5.92							
592	Dilip kumar Sahu	Golabandha	Sanakerajanga	0-30	6.79	0.189	0.591	173.6	20.16	353.7	16.10	6.06	17.55	6.43	2.722	3.200	2.48	0.497	3.390
593				30-60	6.67	0.154	0.543	158.7	17.92	335.6	14.59	4.12							
594				60-100	6.57	0.119	0.372	141.0	15.68	329.3	12.90	3.58							
595	Pramod Kumar Sahu	Bhogabereni	Bhogabereni	0-30	6.65	0.187	0.132	266.7	24.64	150.5	10.70	6.86	44.60	4.88	2.092	0.604	17.68	0.128	3.760
596				30-60	6.70	0.084	0.117	250.8	22.40	157.0	9.99	4.52							
597				60-100	6.78	0.074	0.102	196.2	22.18	131.5	9.04	2.39							
598	Saroj Kumar Das	Karadagadia	Karadagadia	0-30	6.70	0.121	0.807	228.6	37.63	394.7	10.20	2.52	21.65	7.03	2.994	2.304	19.92	0.871	3.290
599				30-60	6.22	0.118	0.753	183.4	34.50	393.8	10.98	2.53							
600				60-100	6.07	0.115	0.681	143.5	33.38	385.5	11.50	2.65							
601	Bibhuti Bhusan Sahu	Tulasipal	Tulasipal	0-30	6.62	0.396	0.360	267.2	29.12	551.0	16.20	4.20	8.80	8.63	4.184	5.160	7.60	0.617	3.090
602				30-60	6.66	0.289	0.182	248.6	31.36	500.0	16.01	3.59							
603				60-100	6.72	0.195	0.148	162.8	24.64	327.5	15.18	2.35							
604	Gajendra Samal	Gotamara	Gotamara	0-30	6.88	0.182	0.624	264.7	27.78	216.4	14.90	9.62	19.60	2.54	1.144	0.392	3.48	0.224	1.040
605				30-60	6.91	0.154	0.540	252.1	26.88	217.7	12.59	7.41							
606				60-100	6.94	0.121	0.444	228.6	26.88	206.1	10.42	6.31							
607	Pradeep Singh	Balaram Prasad	Balaram Prasad	0-30	6.86	0.162	0.558	209.5	28.90	217.7	11.70	2.66	18.25	2.99	1.344	0.232	4.76	0.336	3.910
608				30-60	6.89	0.141	0.423	179.4	28.67	237.4	10.58	3.41							
609				60-100	6.99	0.111	0.309	160.3	28.45	206.1	9.72	3.75							
610	Patitapaban Gadnayak	Kandasara	Kandasara	0-30	6.77	0.098	0.411	235.1	15.01	243.3	13.46	6.49	2.70	6.16	2.403	1.276	4.68	1.165	3.560
611				30-60	6.67	0.068	0.315	234.9	174.72	283.1	9.59	4.20							
612				60-100	6.50	0.059	0.291	234.8	19.26	228.5	8.95	2.52							
613	B.B.Lochan Sahu	Kumanda	Kumanda	0-30	6.20	0.077	0.327	192.2	23.07	308.9	9.07	2.22	22.30	7.55	2.564	0.572	136.60	0.514	3.630
614				30-60	6.33	0.046	0.222	308.7	20.16	277.5	5.15	1.24							
615				60-100	6.51	0.029	0.189	168.7	16.80	182.3	4.23	0.75							
616	Ajay Pradhan	Jarada	Santarapur	0-30	6.76	0.289	0.195	250.6	24.42	378.8	20.40	2.52	18.90	4.58	2.037	2.000	2.92	0.256	1.790
617				30-60	6.83	0.189	0.174	209.0	23.74	288.7	12.49	1.45							
618				60-100	6.93	0.142	0.102	268.2	23.52	135.3	5.80	2.94							
619	Chittaranjan Sarangi	Talamula	Talamula	0-30	6.87	0.188	0.501	201.7	31.36	402.5	13.02	3.08	18.90	5.79	1.424	2.716	2.12	0.224	1.830
620				30-60	6.88	0.157	0.417	180.1	26.88	370.5	12.95	2.42							
621				60-100	6.89	0.131	0.282	169.8	22.40	356.6	12.50	1.59							
622	Jagabandhu Pattanaik	Phulapada	Phulapada	0-30	6.91	0.278	0.384	214.5	45.47	227.1	25.70	11.25	51.40	6.27	2.883	0.692	4.92	0.464	4.710
623				30-60	6.82	0.212	0.123	220.8	45.02	215.5	23.00	10.23							
624				60-100	6.79	0.198	0.102	222.5	39.87	164.0	21.03	9.62							
625	Deba Pradhan	Kukundanga	Kukundanga	0-30	6.57	0.192	0.765	319.9	17.02	299.9	17.50	1.24	14.85	2.48	2.660	1.300	2.88	0.049	4.180
626				30-60	6.49	0.157	0.624	250.8	16.80	269.9	16.59	1.01							
627				60-100	6.35	0.156	0.588	210.0	14.56	228.3	15.40	3.98							
	Fruit Farm Pallahada	Pallahada	Pallahada	0-30	6.28	0.207	0.186	279.5	8.06	597.9	8.32	2.16	22.30	23.21	11.964	0.536	46.40	0.224	3.620
				30-60	6.21	0.201	0.177	252.1	8.74	582.2	7.12	1.65							
				60-100	6.16	0.116	0.162	212.0	7.17	571.0	5.06	1.75							