

Station.	Depth in Fathoms.	No.	Loss on Ignition.	PORTION SOLUBLE IN HCl.									PORTION INSOLUBLE IN HCl.					
				SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	MnO <sub>2</sub>	CaCO <sub>3</sub>	CaSO <sub>4</sub>	Ca <sub>2</sub> PO <sub>4</sub>	MgCO <sub>3</sub>	Total.	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	Total.
1	1890	33	7.91	12.10	5.26	3.95	...	50.00	0.44	l.tr.	1.32	73.07	13.77	3.47		1.26	0.52	19.02
2	1945	34	5.02	9.08	3.23	4.18	...	64.55	0.69	tr.	1.17	82.90	9.08	1.79	0.60	0.33	0.28	12.08
11	2575	35	9.13	12.22	5.61	4.65	...	51.16	1.02	...	1.93	76.59	Principally Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>					14.28
12	2025	36	8.80	...	19.24 13.74		...	43.93	1.37	fair tr.	1.94	80.22	Residue consisting of soluble SiO <sub>2</sub> with the insoluble silicates.					10.98
13	1900	37	6.63	...	5.86		...	74.50	0.51	small tr.	1.27	82.14	Residue consisting of soluble SiO <sub>2</sub> with the insoluble silicates.					11.23
14	1950	38	4.58	4.60	3.33		...	79.17	1.20	1.12	1.40	90.82	Principally Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>					4.60
15	2325	39	4.17	9.16	6.25		...	67.60	1.91	l.tr.	2.58	87.50	Principally Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>					8.33
16	2435	40	9.60	12.00	4.00	7.10	...	52.22	2.32	s.tr.	0.76	78.40	8.00	2.96		0.64	0.40	12.00
17	2385	41	6.84	10.07	2.69	9.05	...	58.40	0.81	1.74	0.68	83.44	Principally Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>					9.72
64	(2700)	42	7.90	12.96	4.75	5.95	tr.	37.51	0.29	2.80	1.13	65.39	18.75	6.35	1.08	0.41	0.12	26.71
146	1375	43	2.90	6.10	0.91		...	86.36	0.84	...	0.19	94.40	Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>					2.70
176	1450	44	5.00	9.30	2.00	6.16	...	62.41	0.58	0.84	1.51	82.80	8.20	2.30	1.04	0.40	0.26	12.20
224	1850	45	1.50	1.57	1.25	0.47	...	93.14	0.29	0.28	0.57	97.57	Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>					0.93
246	2050	46	4.40	16.90	2.92	4.91	1.10	47.57	0.56	1.05	0.83	75.84	15.40	2.90	0.90	0.34	0.22	19.76
293	2025	47	6.80	6.20	1.30	20.94	4.80	54.67	0.46	0.41	0.90	89.68	2.40	0.60	0.30	0.12	0.10	3.52
296	1825	48	2.25	3.06	4.50	0.73	g.tr.	82.55	0.58	2.77	1.18	95.32	1.51	0.61 0.12		0.14	0.05	2.43
297	1775	49	4.10	3.98	1.95	3.69	g.tr.	81.13	0.44	0.19	0.85	92.23	2.77	0.35		0.39	0.16	3.67
300	1375	50	1.70	8.55	4.75	4.50	0.85	62.17	0.29	tr.	0.94	82.05	9.30	3.79	2.06	0.96	0.14	16.25
302	1450	51	1.00	1.83	1.00	1.72	...	91.32	0.73	0.28	0.30	97.18	Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>					1.82
332	2200	52	2.82	10.37	3.75	1.51	tr.	65.67	0.58	1.74	1.33	84.95	9.06	2.18	0.55	0.33	0.11	12.23
338	1990	53	1.40	1.36	0.65	0.60	...	92.54	0.19	0.90	0.87	97.11	Al <sub>2</sub> O <sub>3</sub> , Fe <sub>2</sub> O <sub>3</sub> , SiO <sub>2</sub>					1.49

Nos. 34, 42, and 53 are of material obtained from the dredge; Nos. 46, 50, and 51 from the trawl; Nos. 48, 49, and 52 from tow-net at trawl; the rest from the sounding tube. No. 45 had been washed and the finer parts removed.