

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> P <sub>2</sub> O <sub>7</sub>	MgCO <sub>3</sub>	Cu	Total.	SiO <sub>2</sub>	Al <sub>2</sub> O <sub>3</sub>	Fe <sub>2</sub> O <sub>3</sub>	CaO	MgO	Total.
5	2740	1	8.20	11.03	4.70	8.50	...	56.89	0.70	tr.	0.98	...	77.30	11.00	1.80	0.80	0.50	0.40	14.50
5	2740	2	2.60	12.54	2.15	4.76	...	60.29	0.29	2.09	0.72	...	82.84	9.80	3.18	0.84	0.68	0.11	14.56
7	2750	3	7.45	24.25	6.40	15.42	...	4.11	1.60	tr.	1.20	...	52.98	29.38	6.00	2.54	1.06	0.64	39.57
8	2700	4	8.95	23.00	8.95	9.70	...	16.42	2.24	l.tr.	2.70	...	63.01	20.25	4.20	2.10	0.89	0.60	28.04
9	3150	5	10.40	19.81	8.30	9.75	...	3.11	0.87	g.tr.	1.90	...	43.74	33.30	9.10	2.04	0.47	0.95	45.86
10	2720	6	7.61	24.73	9.73	9.30	...	13.30	0.61	...	1.31	...	58.98	24.53	5.50	2.98	0.23	0.19	33.41
18	2675	7	7.75	22.25	8.25	11.37	...	15.78	0.52	0.42	1.41	...	60.00	21.80	7.00	2.50	0.57	0.38	32.25
19	3000	8	7.44	27.68	12.91	10.33	...	1.49	0.96	tr.	3.10	...	56.47	25.16	7.81	1.57	1.03	0.52	36.09
20	2975	9	7.45	26.00	12.28	11.44	...	3.50	1.47	sm.tr.	2.14	...	56.83	24.40	7.28	2.36	1.18	0.50	35.72
21	3025	10	5.92	24.70	7.04	12.25	...	2.44	0.51	sm.tr.	3.48	...	50.42	30.20	5.51	6.73	0.81	0.41	43.66
27	2960	11	4.25	23.78	6.50	7.83	g.tr.	3.25	tr.	1.67	1.13	...	44.16	35.17	10.19	4.29	1.61	0.33	51.59
160	2600	12	5.00	18.47	10.25	2.82	1.99	36.80	0.29	2.09	0.76	...	73.47	14.51	4.03	2.02	0.79	0.18	21.53
226	2300	13	4.20	28.84	4.80	15.20	1.14	6.11	0.46	g.tr.	0.75	...	57.30	28.55	3.31	5.79	0.45	0.40	38.50
241	2300	14	4.30	26.00	6.00	2.91	1.14	22.63	0.49	2.09	0.94	...	62.20	23.40	5.30	2.20	2.20	0.40	33.50
252	2740	15	3.60	24.89	5.23	13.14	tr.	2.22	0.51	s.tr.	0.41	...	46.40	37.70	7.85	2.60	1.50	0.35	50.00
253	3125	16	4.50	24.70	8.31	7.95	0.55	0.92	0.37	0.19	2.70	...	45.69	37.40	7.75	3.88	0.28	0.50	49.81
256	2950	17	4.50	24.95	6.00	9.77	0.68	1.69	0.42	0.48	1.33	...	45.32	34.82	11.37	2.00	1.14	0.85	50.18
275	2610	18	6.50	32.05	7.45	15.71	3.85	3.74	0.58	0.76	1.96	...	66.10	17.96	6.35	2.35	0.44	0.30	27.40
276	2350	19	2.20	17.30	9.00	9.03	2.28	38.13	0.58	3.44	0.94	tr.	80.70	11.43	4.27	1.07	0.22	0.11	17.10
276	2350	20	(See description of phillipsite.)	32.60	8.80	24.60	2.73	2.50	tr.	s.tr.	3.24	...	74.47	11.27	1.60	3.80	0.84	0.32	17.83
276	2350	21																	
281	2385	22	7.70	32.60	8.80	24.60	2.73	2.50	tr.	s.tr.	3.24	...	74.47	11.27	1.60	3.80	0.84	0.32	17.83
285	2375	23	9.00	24.97	7.50	23.55	14.53	4.07	0.58	0.70	1.13	tr.	77.03	9.43	2.85	1.05	0.55	0.09	13.97

Nos. 1, 2, 5, and 17 are of material obtained from the dredge; Nos. 12, 14, 19, 22, and 23 from the trawl; No. 16 from tow-net at dredge; the rest from the sounding tube.