

TABLE 1. GEOCHEMICAL DATA

Code	Specimen	UTME_ 27_10	UTMN_2 7_10	Unit	SIO2N	TIO2N	AL2O3N	FE2O3N	FEON	MNON	MGON	CAON	NA2ON	K2ON	P2O5N	FEOTN	LOI_	Rb	Sr	Y	Zr	V	Ni	Cr	Nb	Ga	Cu	Zn	Co	Ba	La	Ce	U	Th	Sc	Pb
A	03RM-132A	499666	4874945	Tb	51.01	1.197	15.06	8.55	5.69	0.256	6.63	11.47	2.01	0.28	0.143	16.16	2.25	5.1	737	19.2	93	445	80	425	8.1	20.3	119	92	43	465	34	71	1.5	7.9	43	6
B	03RM-132B	499666	4874945	Tb	50.70	1.362	16.43	4.38	6.52	0.180	6.54	9.57	2.43	0.54	0.300	12.90	0.12	6.2	292	19.5	88	238	196	498	7.8	16.9	92	74	49	67	7	18	<0.5	<0.5	30	4
C	03RM-139A	496451	4884339	Tb	51.89	2.009	14.57	2.84	7.85	0.211	4.70	9.31	2.91	0.61	0.271	12.79	0.47	6.1	293	20.5	101	235	169	365	9.1	17.7	86	109	48	137	9	23	<0.5	2	28	4
D	03RM-140	499044	4882370	Tb	50.86	1.814	17.73	0.20	7.01	0.181	3.76	9.86	2.66	0.39	0.222	8.81	0.76	5.9	299	20.6	95	179	51	156	8.3	19.2	85	59	26	100	10	23	0.5	1.5	25	4
E	03RM-204	497839	4874135	Tb	50.45	0.947	16.05	5.00	4.64	0.143	7.21	11.78	1.81	0.57	0.153	11.09	1.82	2.4	429	18.7	104	199	194	325	9.6	18	110	65	44	157	9	21	<0.5	1.7	26	3
F	03RM-218	497918	4874824	Tb	50.54	1.619	16.47	8.59	3.61	0.165	5.31	9.61	2.60	0.87	0.433	13.58	3.02	10.8	455	33.1	247	220	50	120	21.6	20.9	90	109	36	231	24	48	<0.5	3.3	29	6
G	03RM-238	494711	4872950	Tb	51.10	1.041	14.74	3.97	5.94	0.153	7.70	12.06	1.84	0.39	0.122	11.51	2.01	12	481	17.1	74	278	53	196	6.8	18.4	122	63	36	190	8	19	<0.5	0.7	29	5
H	03RM-29	496462	4875705	Tid	65.99	0.724	14.52	10.17	2.05	0.060	1.49	3.70	3.50	1.45	0.161	13.76	0.52	11.4	475	36.6	302	202	34	75	25.2	22.2	81	108	31	370	25	52	0.7	1.2	25	4
I	03RM-351	497008	4884467	Tb	50.46	1.770	17.55	3.00	7.61	0.190	3.89	9.93	2.64	0.36	0.220	12.74	0.02	10.3	426	20.4	81	308	98	218	6.3	20.2	134	88	43	122	7	16	0.6	1.6	29	7
J	03RM-362	497889	4884119	Tr	73.44	0.394	14.19	2.08	0.40	0.050	0.15	2.54	4.56	1.67	0.081	2.79	0.89	38.3	189	33.4	255	31	3	5	15.5	16.3	8	41	3	467	31	63	1.7	4.8	10	7
K	03RM-38	498667	4881709	Tb	51.06	2.575	14.19	2.98	9.59	0.212	4.16	9.12	2.79	0.69	0.424	15.01	0.98	24.3	328	33.2	137	359	12	44	11.7	20.8	37	111	33	281	18	40	0.5	3.5	34	6
L	03RM-462	492742	4873344	Tb	48.61	0.735	12.04	3.40	6.22	0.171	15.63	9.54	1.27	0.52	0.101	11.39	0.66	9.1	382	11.6	53	218	447	1575	3.8	13.4	120	69	64	124	8	16	0.9	1.8	30	6
M	03RM-568	498307	4882161	Tb	50.73	1.816	17.62	2.74	7.06	0.171	3.69	9.73	2.70	0.45	0.221	11.71	0.36	7.8	331	22.2	119	235	99	234	11.8	19	96	71	38	158	13	28	<0.5	1.1	27	3
N	03RM-612	495810	4873848	Tb	50.41	0.722	12.76	3.86	6.79	0.163	13.51	9.13	1.30	0.48	0.102	12.47	1.60	8	301	24.1	134	236	130	289	12.5	19.1	125	87	43	122	14	31	<0.5	0.6	30	5
O	03RM-623	495206	4871313	Tb	50.62	1.329	16.20	4.38	6.45	0.152	6.43	10.19	2.32	0.66	0.233	12.66	1.40	9.7	481	24.7	97	299	83	115	8.1	21.1	188	86	41	155	10	25	<0.5	0.6	29	5
P	03RM-64	495067	4875422	Tb	51.49	1.348	16.57	3.69	6.61	0.180	6.56	8.82	2.33	0.73	0.250	12.28	-0.14	10.5	517	21.1	93	277	71	95	7.3	21.4	143	84	38	155	12	25	<0.5	2	27	29
Q	03RM-71	495219	4874834	Tb	48.72	1.048	21.47	5.60	4.96	0.121	3.85	12.90	2.22	0.15	0.151	12.25	0.79	8.8	404	22	74	301	100	250	5.7	18.8	165	81	43	108	8	18	<0.5	0.6	34	6
R	03RM-717	490801	4880636	Tb	49.37	1.456	15.96	3.94	6.66	0.168	7.35	9.80	3.28	0.68	0.199	12.04	4.53	11.2	530	19.2	87	297	27	66	6.8	20.3	132	76	30	188	9	23	0.7	2.6	31	7
S	EW-19	487133	4872927	Tb	50.12	1.399	16.31	5.05	6.45	0.182	7.54	9.93	2.60	0.41	0.213	13.39	1.37	12.4	361	28.9	123	355	30	43	10.4	22.4	255	95	32	154	14	31	1.7	2.1	31	6
T	EW-21	487626	4874104	Tb	48.52	1.489	16.18	1.63	7.48	0.194	8.66	9.95	2.42	0.34	0.173	10.85	1.92	5.9	526	14.2	65	324	59	212	5.8	18.8	136	79	37	150	7	18	0.6	1.7	35	6
U	EW-24B	488125	4874136	Tb	48.24	1.252	15.61	4.08	7.08	0.180	9.57	10.06	2.31	0.29	0.160	13.26	0.13	5.9	300	23.1	126	311	36	87	11.2	20.3	150	88	35	116	11	25	<0.5	1.2	34	5
V	EW-32	488821	4874535	Tb	49.76	1.471	17.09	2.72	6.76	0.162	6.98	10.27	2.73	0.41	0.223	11.20	1.41	9.4	423	10.6	56	226	314	1155	4.1	13.9	92	75	55	175	6	14	<0.5	1.9	29	6
W	EW-36	489850	4875295	Tb	49.18	1.113	17.42	3.48	5.47	0.216	8.26	10.44	2.37	0.26	0.165	10.31	2.93	10.1	494	12.8	59	245	93	309	4.3	17	87	66	36	151	10	20	<0.5	1.5	30	5
X	EW-462	500036	4893826	Tb	50.32	1.412	17.16	4.16	5.68	0.193	5.80	10.27	2.17	0.39	0.183	11.46	1.52	8.4	438	14.7	70	260	133	501	6.1	15.4	93	70	45	201	6	20	0.7	2.3	30	3
Y	EW-60	498355	4876029	Tb	49.44	1.807	16.36	1.79	8.04	0.216	5.74	9.84	2.58	0.43	0.595	11.61	2.58	10.7	550	20	92	293	33	120	9.2	19.4	133	71	31	175	9	24	<0.5	2	30	5
Z	03RM-429	492451	4881153	Tib	50.80	1.448	16.47	4.41	5.76	0.164	5.50	10.34	2.70	0.75	0.195	11.70	2.60	11.4	454	17.9	73	298	22	68	7.1	20.4	159	84	31	175	11	27	<0.5	2.2	30	6
AA	EW-119	484579	4874078	Tib	53.24	1.410	17.48	4.63	5.48	0.152	4.00	8.99	3.07	0.37	0.264	11.75	1.41	5.6	370	21.4	125	225	137	309	11.3	18.6	133	78	44	118	15	32	<0.5	1.6	27	4
AB	EW-167	483308	4874475	Tib	49.86	1.484	16.02	2.92	7.10	0.170	7.28	9.81	2.39	0.41	0.231	11.98	0.28	5.8	518	23.7	94	260	92	148	7.3	21.1	100	80	39	183	13	28	<0.5	2.7	27	6
AC	EW-59	495724	4876505	Tib	49.60	1.836	16.34	4.12	7.22	0.203	4.89	9.51	2.86	0.74	0.629	13.30	1.43	9.1	358	29.7	125	350	29	63	11.1	22	247	94	32	156	14	28	0.5	2	31	6
AD	EW-592	479680	4878456	Tib	50.56	1.554	15.89	2.39	7.39	0.180	5.48	10.59	2.52	0.26	0.211	11.75	0.25	12.3	543	24.8	179	251	39	104	13.8	21	128	72	30	269	17	39	<0.5	3.4	27	5
AE	EW-61	492338	4878111	Tib	50.54	0.884	13.81	5.59	5.05	0.173	9.94	10.67	1.84	0.58	0.142	12.25	1.60	9.6	452	22.8	129	239	88	200	11.6	20.3	108	96	39	167	13	27	0.9	3.2	30	7
AF	EW-62	492589	4879642	Tib	50.67	1.478	16.06	4.50	6.20	0.172	6.43	10.52	2.51	0.77	0.223	12.50	1.24	9.9	334	24.8	98	298	24	32	8	21.2	174	94	31	151	11	21	<0.5	0.5	32	5