

Chemical Composition of Eastern Kansas Limestone
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Plate 3, Tables 20-29

Lab. No.	Member	County	Thickness, ft.	Locality (a); sec. T., S., R. E.	Chemical analysis, percent*														Spectrochemical analysis, percent *														Lab. No.				
					Calc. CaCO ₃	Calc. MgCO ₃	Calc. CaCO ₃ equiv.	CaO	MgO	LOI (b)	SiO ₂	Al ₂ O ₃ (c)	Fe ₂ O ₃ (d)	K ₂ O	Na ₂ O	SO ₃	S (e)	P ₂ O ₅	Total	B	Zn	Ni	Mo	Cr	Ag	Ba	Pb	Sn	Cu	V	Mn	Ti		Sr			
Table 20, Wyandotte formation																																					
49276	Farley	Leavenworth	22 SW 13-12-22	96.32	2.05	94.43	54.04	0.98	42.87	1.30	0.30	0.39					0.10		Trace				0.0002	0.00005	0.007	0.005				0.00002	0.0019	0.05	0.003		49276		
50351	Farley	Leavenworth	21 SW 13-12-22	96.82	1.57	98.61	54.41	0.75	41.92	0.93	0.45	0.53					0.17			0.04																50351	
49224	Farley	Leavenworth	5 SW 13-12-22	93.54	3.26	36.68	52.58	1.56	42.54	2.13	0.38	0.47							Trace																	49224	
51136	Farley	Johnson	10 NE 16-13-22	94.97	2.47	96.45	53.33	1.18	42.44	1.69	0.55	0.72					0.06		0.04	0.06			0.001							0.000013	0.002	0.006 t			51136		
51135	Farley	Johnson	12 NE 16-13-22	94.72	2.64	95.59	53.18	1.26	42.50	1.11	0.28	0.11							Trace	0.14	0.07										0.000025	0.016	0.044	0.01	0.053	51135	
54231	Farley	Johnson	24 NE 32-13-23	95.13	2.30	97.80	53.33	1.10	42.77	1.33	0.42	0.51											0.001		0.001	0.000025	0.0002	0.0003	0.000005	0.015	0.06	0.004	0.02		54231		
54232	Farley	Johnson	17 NE 32-13-24	97.18	1.17	96.50	54.45	0.56	42.84	1.28	0.46	0.36												0.001	0.000025										54232		
54232	Farley	Johnson	6 NE 32-13-24	95.93	1.19	97.27	53.80	0.57	42.73	1.30	0.42	0.57								Trace					0.001	0.000025									54232		
52325	Farley	Johnson	22 SW 31-14-25	98.39	0.98	99.07	55.13	0.47	43.79	0.49	0.26	0.35	0.04				0.08	nil	Trace	Trace					0.0005		0.0005		0.000013	0.002	0.05	0.005			52325		
53168	Farley	Johnson	21 SE 31-14-25	97.47	1.28	98.04	54.61	0.61	43.14	0.79	0.30	0.49							Trace	Trace						0.0005	0.0005	0.0005	0.000013	0.02	0.025 t				53168		
54230	Argentine	Johnson	35 NE 32-13-23	94.27	3.14	97.93	52.86	1.50	42.88	1.33	0.40	0.64								0.03					0.001	0.000025		0.0002	0.0003	0.000005	0.015	0.05	0.015			54230	
53182	Argentine	Wyandotte	26 NW 29-11-25	86.49	3.58	90.66	49.58	1.71	39.89	7.05	1.02	0.99								0.06	0.06					0.001			0.00003	0.0025	0.05	0.027			53182		
49183	Argentine	Leavenworth	20 SW 13-12-22	86.56	1.44	86.23	48.68	0.69	37.94	11.56	0.74	0.50							0.20	0.04	0.03					0.001			0.003	0.001	0.015	0.0025			49183		
49275	Argentine	Leavenworth	8 SW 13-12-22	41.98			23.72	3.01	22.42	43.65	4.11	1.99							0.28	Trace																49275	
51137	Argentine	Johnson	34 NE1 6-12-22	80.65	2.24	83.07	45.33	1.07	36.55	14.80	0.90	0.78							0.10	0.04	0.05							t							51137		
54234	Argentine	Johnson	6 NE 32-13-24	95.86	1.21	97.30	53.76	0.58	42.81	1.46	0.15	0.46							nil	Trace	0.04			0.001	0.00005		0.0002	0.0001	0.00005	0.01	0.035	0.003			54234		
53184	Argentine	Johnson	10 NW 20-14-25	93.67	2.93	96.34	52.50	1.40	42.39	1.27	0.42	2.06							Trace	Trace	0.02				0.001	0.0005	0.0003	0.00003			0.1	0.004		0.047	53184		
52309	Argentine	Johnson	18 SW 31-14-25	91.59	5.92	98.59	51.56	2.83	43.38	1.10	0.46	0.95	0.06		0.06		0.30	nil	Trace	Trace	0.02							0.0003	0.003	0.025	0.015			0.029		52309	
52324	Argentine	Johnson	22 SW 31-14-25	93.43	1.92	95.23	52.49	0.92	41.90	3.27	0.92	0.46	0.08		0.06		0.10	nil	Trace	0.05								0.02								52324	
52281	Argentine	Miami	17 NW 14-16-24	95.31	1.19	96.20	53.40	0.57	42.33	2.34	0.64	0.35	0.07		0.04	Trace			Trace																	52281	
52304	Argentine	Miami	0.8 NE 12-17-22	96.31	1.13	98.11	54.01	0.54	43.17	0.63	0.16	0.97							Trace	Trace	0.04															52304	
48195	Frisbie	Wyandotte	3 23-11-23	88.97	2.28	92.48	50.31	1.09	40.69	3.67	0.91	1.55							0.28		0.20															48195	
Table 21, Lane formation																																					
52299	Unnamed	Miami	6 SE 7-17-22	84.42	1.86	87.02	47.40	0.89	38.29	7.06	2.35	2.51	0.37				0.10	nil	nil									0.0015		0.0005						52299	
Table 22, Iola Formation																																					
5152	Raytown	Miami	13 NE 7-17-23	84.19	6.38	90.27	47.23	3.05	39.72	6.69	1.68	1.67									0.04							0.0015		0.0005						5152	
52280	Raytown	Miami	11 SE 7-17-22	81.30	6.11	87.32	45.55	2.92	38.42	8.65	2.03	1.81	0.35				0.13	Trace	Trace								0.001		0.0007	0.004						52280	
52326	Raytown	Miami	11 13-18-21	93.08	0.69	93.64	52.15	0.33	41.20	4.00	0.92	0.91	0.10				0.05	Trace	Trace	Trace																52326	
52311	Raytown	Linn	6 24-20-21	93.50	0.76	94.20	52.39	0.36	41.45	3.48	0.91	0.75	0.08				0.10	Trace	Trace	Trace																52311	
52282	Raytown	Anderson	9 SW 29-21-21	93.43	0.54	93.43	52.35	0.26	41.11	3.89	0.88	0.85	0.08				0.05	Trace	Trace	Trace																52282	
52307	Raytown	Allen	18 SW 2-24-20	92.83	3.21	96.18	52.02	1.58	42.32	2.08	0.56	1.17									0.07																52307
52342	Raytown	Allen	21 NE 2-25-19	92.34	3.74	96.20	51.77	1.79	42.33	2.24	0.55	0.74							0.04	0.06	0.11																52342
5197	Raytown	Allen	40 2-25-18	94.34	2.93	97.63	52.97	1.40	52.96	0.70	0.25	0.94							0.11	0.15	0.02															5197	
5196	Raytown	Allen	50 9-26-18	92.59	4.18	96.61	51.96	2.00	42.51	1.22	0.74	1.42							0.07	0.03	0.02															5196	
5126	Raytown	Neosho	25 SW 18-27-18	91.77	3.33	96.14	51.50	1.59	42.30	2.51	0.72	0.93									0.08																5126
52356	Raytown	Neosho	5.5 NW 2-29-17	22.15	2.26	24.82	12.49	1.08	11.65	65.24	5.02	3.48	0.39				0.59	nil			0.06					0.01		0.001	0.004	0.003	0.01	0.00005		0.01	0.002	0.2	52356
52320	Paola	Wilson	1.5 SW 29-29-17				8.55	0.47	8.55	66.84	8.89	3.95	1.18				1.13	nil			0.05					0.01			0.004							0.014	52320
Table 23, Drum formation																																					
52352	Composite	Allen	7 SW 30-26-20	95.86	0.84	96.84	53.72	0.40	42.61	2.09	0.30	0.78							nil	nil																	52352
51295	Dewey	Johnson	8 NE 35-12-25	92.40	1.38	92.80	51.95	0.66	40.83	5.04	0.74	0.66							0.05	0.02	0.11						0.001	0.002	0.0003	0.0001	0.0002	0.00005	0.1	0.0008		0.05	51295
49360	Dewey	Linn	2.5 17-21-22	89.40	1.63	91.75	50.40	0.78	40.37	6.25	0.91	0.89							0.10		0.18																49360
52327	Dewey	Allen	4.5 18-26-19	94.33	3.66	97.02	52.09	1.75	42.69	1.12	0.33	1.34							Trace	Trace	Trace																52327
52318	Dewey	Wilson	2.3 SW 14-30-16	66.36	2.97	73.52	58.70	1.42	32.26	19.36	3.63	3.02	0.73				0.2	Trace	Trace						0.003		0.0005	0.0002	0.0001	0.00005	0.02	0.003	0.002			52318	
51297	Dewey	Neosho	5 SW 30-18	95.20	1.32	95.42	52.62	0.53	42.35	1.54	0.66	0.63							0.05		0.11																51297
52349	Corbin City	Allen	3 SE 33-26-18	93.79	1.15	95.75	52.68	0.55	42.13	2.59	0.54	1.04							nil		0.19																52349
52291	Corbin City	Montgomery	11 NW 5-33-16	89.58	2.36	93.86	50.28	1.13	41.30	3.81	1.36	1.26							nil		0.08					0.0005		0.002	0.0001	0.0001	0.0005	0.00005	0.01	0.01	0.06		52291
5193	Corbin City	Montgomery	40 NW 5-33-16	94.32	1.55	96.77	53.09	0.74	42.58	1.69	0.72	0.52							0.21		0.04															0.068	5193
Table 24, Cheryvale formation																																					
48340	Westerville	Wyandotte	5 SW 12-11-24	93.59</																																	