

Cameco Australia Pty. Ltd.

Birraduk Project: Detailed Lithology and Physical Property Measurements

HOLE	Row	Sample Depth (m)	To (m)	From (m)	Magnetic Susceptibility	Cumulative cm per row of core				Maximum Clast Size (mm)	Munsell Colors		Competency	Friability	Grain Size
						Clay Intracasts	Pebbles	Granules	Silt		1st Color	2nd Color			
KUN001	1	0.41	0	0.83					1		2.5YR8/1	10R6/4		2	5
KUN001	2	1.24	0.83	1.65	0.03				3		3.10R6/1	2.5YR8/1		1	6
KUN001	3	2.07	1.65	2.48	0.05	0.2					2.5PB5/1	2.5YR8/1		1	6
KUN001	4	2.9	2.48	3.31	0.01						1.5PB5/1	10YR8/3		1	7
KUN001	5	3.72	3.31	4.14	0.03				1		2.2.5YR8/1	2.5YR8/2		1	6
KUN001	6	4.55	4.14	4.96	0.01						1.2.5YR8/1			1	6
KUN001	7	5.41	4.96	5.86	0.03				2		3.5.5PB5/1	2.5YR8/1		1	6
KUN001	8	6.31	5.86	6.76	0.03				3		4.10R8/2	10R6/3		1	6
KUN001	9	7.21	6.76	7.66	0.06				6		3.5PB5/1	N6/		1	6
KUN001	10	8.11	7.66	8.56	0		1		6		4.5.10R8/1	10R5/3		1	6
KUN001	11	9.01	8.56	9.46	0.03				4		2.2.5YR8/1	10R5/1		1	6
KUN001	12	9.91	9.46	10.36	0.01				1		2.2.5YR8/1			1	6
KUN001	13	10.82	10.36	11.28	0.01				4		3.2.5YR8/1	2.5YR7/1		1	5
KUN001	14	11.74	11.28	12.2	0.01				10		3.N7/	5PB5/1		1	6
KUN001	15	12.65	12.2	13.11	0.03				6		3.2.5YR8/1	5PB5/1		1	6
KUN001	16	13.57	13.11	14.03	0.03				5		2.5.10R6/3	2.5YR8/1		1	5
KUN001	17	14.49	14.03	14.95	0.05				4		3.10YR8/1	10R7/2		1	6
KUN001	18	15.4	14.95	15.86	0.06				2		2.10YR8/1	10R7/2		1	5
KUN001	19	16.32	15.86	16.78	0.08				3		2.5.10YR8/1	10R5/4		1	6
KUN001	20	17.24	16.78	17.7	0				4		4.10YR8/1	10R4/2		1	6
KUN001	21	18.15	17.7	18.61	0.06	0.3			5		3.10YR8/1	10R5/1		1	6
KUN001	22	19.07	18.61	19.53	0.03						1.10R7/2	10R4/1		1	6
KUN001	23	19.99	19.53	20.45	0.03		1		3		5.10YR8/1	10R7/2		1	6
KUN001	24	20.9	20.45	21.36	0.05						2.10YR8/1	10R4/2		1	6
KUN001	25	21.82	21.36	22.28	0.05				2		3.10YR8/1	10R3/3		1	5
KUN001	26	22.74	22.28	23.2	0.01				4		3.5PB5/1	10YR8/1		1	5
KUN001	27	23.65	23.2	24.11	0.03				4		2.5.5PB5/1	10YR8/1		1	7
KUN001	28	24.57	24.11	25.03	0						1.10YR8/1	7.5YR7/2		1	7
KUN001	29	25.49	25.03	25.95	0.08						1.10YR8/1	7.5YR7/2		1	6
KUN001	30	26.4	25.95	26.86	0.15						1.10YR8/1	10R6/2		1	7
KUN001	31	27.35	26.86	27.83	0.01						3.2.5Y8/2	10R5/2		1	6
KUN001	32	28.31	27.83	28.8	0.03		1		5		5.2.5Y8/2	10R4/2		1	6
KUN001	33	29.28	28.8	29.76	0.03		1		4		4.2.5Y8/2	10R7/2		1	5
KUN001	34	30.25	29.76	30.73	0.03		11		16		16.2.5Y8/2	10R5/1		1	5
KUN001	35	31.21	30.73	31.7	0.11		3		19		5.5PB3/1	10R8/1		1	4
KUN001	36	32.18	31.7	32.66	0.05		9		14		10.7.5YR8/2	2.5Y8/2		1	6
KUN001	37	33.13	32.66	33.59	0.01		12		29		12.5YR5/1	7.5YR7/2		1	5
KUN001	38	34.05	33.59	34.51	0.05		23		60		14.10YR8/2	10YR7/1		1	5
KUN001	39	34.98	34.51	35.44	0.08		19		57		8.5PB5/1	N8/		1	5
KUN001	40	35.9	35.44	36.36	0		22		37		15.10YR8/1	5YR6/1		1	4
KUN001	41	36.83	36.36	37.29	0		8		49		7.10YR8/1	5PB5/1		1	5
KUN001	42	37.75	37.29	38.21	0.03		5		37		6.10YR8/1	5PB5/1		1	6
KUN001	43	38.68	38.21	39.15	0.05		12		75		42.5PB5/1	N8/		1	6
KUN001	44	39.63	39.15	40.1	0.03		13		38		11.5PB5/1	2.5Y8/1		1	7
KUN001	45	40.57	40.1	41.04	0.01		9		42		6.5PB5/1	10R7/2		1	5
KUN001	46	41.51	41.04	41.98	0.01		6		35		8.10R7/2	5PB5/1		1	5
KUN001	47	42.45	41.98	42.92	0.01		13		43		36.2.5Y8/1	10R6/1		1	6
KUN001	48	43.39	42.92	43.86	0.05		8		32		8.10R8/1	10R7/2		1	6
KUN001	49	44.34	43.86	44.81	0.03		13		63		37.5PB5/1	2.5Y8/1		1	5
KUN001	50	45.29	44.81	45.76	0.05		9		47		8.5PB5/1	10R7/1		1	5
KUN001	51	46.24	45.76	46.71	0.08		13		52		11.5PB5/1	2.5Y8/1		1	5
KUN001	52	47.19	46.71	47.66	0.01		9		24		13.10YR8/1	10R6/2		1	6
KUN001	53	48.14	47.66	48.61	0.03		6		18		11.2.5Y8/1	5PB5/1		1	6
KUN001	54	49.09	48.61	49.56	0.01		13		38		31.2.5Y8/1	5PB5/1		1	5
KUN001	55	50.03	49.56	50.5	0.01		18		47		9.2.5Y8/1			1	5
KUN001	56	50.96	50.5	51.43	0.03		17		52		7.10R7/3	2.5Y8/1		1	4
KUN001	57	51.9	51.43	52.36	0.03		14		72		13.2.5Y8/1	10R5/2		1	5
KUN001	58	52.83	52.36	53.3	0.01		35		53		12.2.5Y8/1	10R6/1		1	5
KUN001	59	53.76	53.3	54.23	0.05	0.8	13		80		21.5PB5/1	2.5Y8/1		1	6
KUN001	60	54.7	54.23	55.16	0		19		70		22.5PB5/1	2.5Y8/1		1	6
KUN001	61	55.62	55.16	56.08	0		24		60		11.2.5Y8/1	2.5Y6/1		1	5
KUN001	62	56.54	56.08	57	0.01		19		70		18.5PB5/1	2.5Y8/1		1	5
KUN001	63	57.45	57	57.91	0.01		16		73		15.5PB5/1	2.5Y8/1		1	5
KUN001	64	58.37	57.91	58.83	0.01	0.3	8		58		16.10R6/2	5PB5/1		1	4
KUN001	65	59.29	58.83	59.75	0		10		35		22.5PB5/1	10R6/2		1	5
KUN001	66	60.2	59.75	60.66	0		9		39		23.5PB5/1	2.5Y8/1		1	6
KUN001	67	61.14	60.66	61.61	0		8		67		17.2.5Y8/1	10R7/3		1	5
KUN001	68	62.09	61.61	62.56	0		17		54		43.2.5Y8/1	N7/		1	5
KUN001	69	63.04	62.56	63.51	0		6		63		10.5PB5/1	10YR8/2		1	5
KUN001	70	63.99	63.51	64.46	0.01	0.2	29		60		62.10YR8/2	5PB5/1		1	6
KUN001	71	64.94	64.46	65.41	0		26		47		53.2.5Y8/1	10R6/3		1	6
KUN001	72	65.89	65.41	66.36	0		17		39		49.10R7/1	2.5Y8/1		1	5
KUN001	73	66.83	66.36	67.3	0.03		8		22		41.10R7/1	5PB5/1		1	5
KUN001	74	67.76	67.3	68.23	0.01		4		5		12.10R5/2	5PB5/1		1	6
KUN001	75	68.7	68.23	69.16	0.03		2		6		5.10R7/3	10R3/2		1	6
KUN001	76	69.63	69.16	70.1	0.01		1		3		6.10R5/3	2.5YR5/2		1	6
KUN001	77	70.56	70.1	71.03	0		1		5		5.2.5Y8/1	10R6/4		1	7
KUN001	78	71.5	71.03	71.96	0				2		2.2.5Y8/1	2.5Y7/2		1	6
KUN001	79	72.42	71.96	72.88	0.01						1.5.10R4/1	2.5Y8/1		1	6
KUN001	80	73.34	72.88	73.8	0.01				1.5		2.5YR7/1	5YR6/1		1	6
KUN001	81	74.25	73.8	74.71	0						1.5YR8/2	10R5/3		1	6
KUN001	82	75.17	74.71	75.63	0.01						1.5PB5/1	10R7/2		1	6
KUN001	83	76.09	75.63	76.55	0.01	0.2					1.5PB5/1	10R6/1		1	7
KUN001	84	77	76.55	77.46	0						1.5PB5/1	2.5Y8/2		1	6

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						Clay Intracasts	Pebbles	Granules	Silt		1st Color	2nd Color			
KUN001	85	77.94	77.46	78.41	0.01						1 10YR8/1	5PB5/1		1	6
KUN001	86	78.89	78.41	79.36	0						2 10YR8/1	10R4/6		1	6
KUN001	87	79.84	79.36	80.31	0.03						3 10YR8/1	5PB5/1		1	6
KUN001	88	80.79	80.31	81.26	0						3 10YR8/1	10R6/6		1	5
KUN001	89	81.74	81.26	82.21	0						2 10R7/2	10R5/8		1	6
KUN001	90	82.69	82.21	83.16	0.01						2 10R7/2	10R6/1		1	6
KUN001	91	83.6	83.16	84.05	0						1 10R6/1	10R8/2		1	6
KUN001	92	84.49	84.05	84.93	0.01						1 10YR8/2	10R4/1		1	6
KUN001	93	85.37	84.93	85.81	0.01						1 10YR8/2	10R5/2		1	6
KUN001	94	86.25	85.81	86.7	0.03						2.5 10YR8/2	10R8/4		1	5
KUN001	95	87.14	86.7	87.58	0.01						3 10YR8/2	10R8/4		1	6
KUN001	96	88.02	87.58	88.46	0.01						1 10R4/1	10R6/3		1	6
KUN001	97	88.93	88.46	89.4	0						2 10YR8/2	10R5/1		1	6
KUN001	98	89.86	89.4	90.33	0						3 10R7/1	10R8/1		1	6
KUN001	99	90.8	90.33	91.26	0.03						3.5YR8/2	5YR4/1		1	7
KUN001	100	91.73	91.26	92.2	0.15						4 5pb85	10YR8/2		1	6
KUN001	101	92.66	92.2	93.13	0.05						4 5PB5/1	10YR8/2		1	6
KUN001	102	93.6	93.13	94.06	0						3 10R4/1	10R7/1		1	6
KUN001	103	94.5	94.06	94.95	0.01						4 10R4/3	10R7/2		1	5
KUN001	104	95.39	94.95	95.83	0.18						6 5PB5/1	5YR8/4		1	6
KUN001	105	96.27	95.83	96.71	0.01						12 10YR8/2	5PB5/1		1	6
KUN001	106	97.15	96.71	97.6	0						10 10YR8/2	10R6/2		1	6
KUN001	107	98.04	97.6	98.48	0.06						9 10R7/2	10R7/4		1	6
KUN001	108	98.92	98.48	99.36	0.03						3 10R7/2	10R5/1		1	6
KUN001	109	99.82	99.36	100.28	0.05						9 5PB5/1	10YR8/2		1	5
KUN001	110	100.74	100.28	101.2	0.01						6 N3/	10R5/1		1	7
KUN001	111	101.65	101.2	102.11	0.01						5 5YR8/2			1	6
KUN001	112	102.57	102.11	103.03	0						3 10YR8/1	10YR7/2		1	6
KUN001	113	103.49	103.03	103.95	0						7 10YR8/1	5YR6/4		1	5
KUN001	114	104.4	103.95	104.86	0.05						5 10YR8/1	5YR7/2		1	6
KUN001	115	105.33	104.86	105.8	0						4.5 10YR8/2	5PB5/1		1	6
KUN001	116	106.28	105.8	106.75	0.03						4 10YR8/2	5PB5/1		1	7
KUN001	117	107.22	106.75	107.69	0						6 10R6/2	10YR8/2		1	7
KUN001	118	108.16	107.69	108.63	0.01						9 10R5/3	10YR8/2		1	7
KUN001	119	109.1	108.63	109.57	0.03						5.5 10R6/2	10R8/1		1	6
KUN001	120	110.04	109.57	110.51	0						6 10R5/4	10R7/2		1	7
KUN001	121	110.95	110.51	111.39	0.05						5 10R6/3	10R3/1		1	6
KUN001	122	111.83	111.39	112.26	0						8 2.5Y7/2	2.5Y7/1		1	7
KUN001	123	112.7	112.26	113.14	0.06						7 10R4/3	10YR8/2		1	6
KUN001	124	113.58	113.14	114.01	0.06						8 10YR8/2	10R7/2		1	6
KUN001	125	114.45	114.01	114.89	0.05						7 10YR8/1	10R3/1		1	6
KUN001	126	115.33	114.89	115.76	0.08						14 10R5/1	10R8/1		1	5
KUN001	127	116.21	115.76	116.66	0.06						16 10R6/3	10YR8/2		1	6
KUN001	128	117.11	116.66	117.56	0.03						19 10YR8/1	10YR7/2		1	6
KUN001	129	118.01	117.56	118.46	0.06						15 10R5/1	10R8/1		1	5
KUN001	130	118.91	118.46	119.36	0.05						3 10R5/1	10R8/2		1	6
KUN001	131	119.81	119.36	120.26	0.03						32 10R7/6	5YR8/3		1	6
KUN001	132	120.71	120.26	121.16	0						18 10R5/1	10R8/2		1	6
KUN001	133	121.61	121.16	122.06	0.05						14 10R7/2	10R6/1		1	5
KUN001	134	122.51	122.06	122.96	0.08						12 10R5/1	10R6/3		1	5
KUN001	135	123.41	122.96	123.86	0.03						3 10R5/1	10R8/1		1	5
KUN001	136	124.31	123.86	124.76	0						14 10YR8/2	10R5/2		1	5
KUN001	137	125.21	124.76	125.66	0						3.5YR8/2	10R6/4		1	5
KUN001	138	126.11	125.66	126.56	0.03						7 10R5/3	10R7/3		1	4
KUN001	139	127.04	126.56	127.51	0.03						5 10YR8/2	10R5/1		1	5
KUN001	140	127.99	127.51	128.46	0.01						4.5 10R6/2	5YR6/2		1	4
KUN001	141	128.94	128.46	129.41	0						7 10R4/3	10YR7/3		1	6
KUN001	142	129.89	129.41	130.36	0						5 10R5/6	5YR7/2		1	6
KUN001	143	130.84	130.36	131.31	0.01						9 10R5/6	10R5/1		1	5
KUN001	144	131.79	131.31	132.26	0.05						11 10R7/1	10R8/1		1	5
KUN001	145	132.71	132.26	133.16	0.08						11 10R8/2	10R7/6		1	7
KUN001	146	133.61	133.16	134.06	0.01						4 10R7/6	10R5/1		1	6
KUN001	147	134.51	134.06	134.96	0.1						13 10R3/3	10R7/6		1	6
KUN001	148	135.41	134.96	135.86	0.01						4 7.5YR8/4	10R8/3		1	6
KUN001	149	136.31	135.86	136.76	0.06						7 10R8/2	10R4/1		1	7
KUN001	150	137.21	136.76	137.66	0.05						6 10R4/1	10R7/6		1	6
KUN001	151	138.13	137.66	138.6	0.01						12 5PB5/1	10YR8/2		1	6
KUN001	152	139.06	138.6	139.53	0						5 10R4/2	5YR5/6		1	6
KUN001	153	140	139.53	140.46	0.06						11 10R5/1	10R7/2		1	6
KUN001	154	140.93	140.46	141.4	0.05						3.5 10R5/1	10R6/6		1	6
KUN001	155	141.86	141.4	142.33	0						4 10R5/1	10R8/1		1	6
KUN001	156	142.8	142.33	143.26	0.03						5 10R7/4	10R8/1		1	6
KUN001	157	143.73	143.26	144.2	0						4 10R8/2	10R4/2		1	7
KUN001	158	144.66	144.2	145.13	0.03						5 10R8/1	10R4/1		1	6
KUN001	159	145.6	145.13	146.06	0.05						3.5 10R4/2	10R5/1		1	6
KUN001	160	146.53	146.06	147	0.1						3 10R4/3	10R8/3		1	6
KUN001	161	147.46	147	147.93	0						3 10R4/1	10YR8/2		1	6
KUN001	162	148.4	147.93	148.86	0.1						6 10R4/2	10R5/1		1	5
KUN001	163	149.35	148.86	149.83	0						4 5PB5/1	10YR8/2		1	7
KUN001	164	150.31	149.83	150.8	0.05						3 10R5/1	10R8/2		1	6
KUN001	165	151.28	150.8	151.76	0.05						3 10R6/1	10YR8/2		1	6
KUN001	166	152.25	151.76	152.73	0.08						2.5 10R6/4	5PB5/1		1	6
KUN001	167	153.21	152.73	153.7	0.06						5 10R8/2	10R5/1		1	5
KUN001	168	154.18	153.7	154.66	0.01						4 10YR8/2	5PB5/1		1	6

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						Clay Intracasts	Pebbles	Granules	Silt		1st Color	2nd Color			
KUN001	169	155.13	154.66	155.6	0.03			3		2.5	10YR8/2	5PB5/1		1	5
KUN001	170	156.06	155.6	156.53	0.03			5		2.5	10R4/1	10R8/2		1	5
KUN001	171	157	156.53	157.46	0.08			2		2	5PB5/1	10YR8/2		1	6
KUN001	172	157.93	157.46	158.4	0.03			0.5		2	10R5/1	10R6/4		1	5
KUN001	173	158.86	158.4	159.33	0.05					1	10YR8/2	10R7/3		1	6
KUN001	174	159.8	159.33	160.26	0			1		2	10R5/1	10R8/1		1	5
KUN001	175	160.74	160.26	161.22	0.05			3		3	10R5/1	10R8/2		1	6
KUN001	176	161.7	161.22	162.18	0		0.5	11		10	10R4/1	10R8/4		1	6
KUN001	177	162.66	162.18	163.14	0.03		5	24		30	10R6/2	10YR8/2		1	6
KUN001	178	163.62	163.14	164.1	0.05			8		3	10R5/1	10R8/2		1	6
KUN001	179	164.58	164.1	165.05	0.03			3		2.5	10R8/2	5PB5/1		1	6
KUN001	180	165.53	165.05	166.01	0		2	15		15	10R6/2	10R8/2		1	6
KUN001	181	166.48	166.01	166.95	0.03		1	22		5	10R7/2	10R5/1		1	5
KUN001	182	167.43	166.95	167.9	0.06		3	16		11	10R5/1	10R6/2		1	6
KUN001	183	168.37	167.9	168.84	0.01		0.5	11		4	10R5/1	10R7/3		1	5
KUN001	184	169.31	168.84	169.78	0.03			3		4	10R4/1	10R5/2		1	6
KUN001	185	170.25	169.78	170.72	0.03			2		3	10YR8/3	10YR8/1		1	6
KUN001	186	171.19	170.72	171.66	0		3	2		11	10R5/4	10R8/3		1	6
KUN001	187	172.12	171.66	172.58	0.01					1	10R5/1	10R7/2		1	6
KUN001	188	173.04	172.58	173.5	0.03					1	10R8/2	5PB5/1		1	6
KUN001	189	173.95	173.5	174.41	0.03		0.5	4		4	10R6/3	10R8/2		1	6
KUN001	190	174.87	174.41	175.33	0.01			7		4	5PB5/1	10R6/2		1	5
KUN001	191	175.79	175.33	176.25	0			5		3	5PB5/1	10R8/3		1	6
KUN001	192	176.7	176.25	177.16	0			2		2	5PB5/1	10R8/2		1	6
KUN001	193	177.62	177.16	178.08	0			1		2	5PB5/1	10R8/2		1	6
KUN001	194	178.54	178.08	179	0.01			1		2	5PB5/1	10R8/1		1	6
KUN001	195	179.45	179	179.91	0.05			2		2	10R4/1	10R5/1		1	6
KUN001	196	180.37	179.91	180.83	0			10		3	10R4/1	10R8/1		1	6
KUN001	197	181.29	180.83	181.75	0			2		2.5	10R6/1	10R7/1		1	6
KUN001	198	182.2	181.75	182.66	0			3		2	10R8/1	10R8/2		1	5
KUN001	199	183.09	182.66	183.51	0.01			4		2.5	10R5/1	10R8/3		1	6
KUN001	200	183.94	183.51	184.36	0			2		2	10R5/1	10R8/1		1	5
KUN001	201	184.79	184.36	185.21	0			1		3.5	10R5/1	10R8/1		1	7
KUN001	202	185.64	185.21	186.06	0					2	10R8/2	10R5/1		1	6
KUN001	203	186.49	186.06	186.91	0			1		2	10R8/1	10R6/3		1	6
KUN001	204	187.34	186.91	187.76	0					1	10R8/2	10R4/2		1	6
KUN001	205	188.24	187.76	188.71	0.01			1		2.5	10YR8/2	10R4/2		1	6
KUN001	206	189.19	188.71	189.66	0.03			1		2	5PB5/1	10YR8/2		1	6
KUN001	207	190.14	189.66	190.61	0.01					1.5	10YR8/2	10R7/4		1	6
KUN001	208	191.09	190.61	191.56	0.03					1	5PB5/1	10YR8/2		1	6
KUN001	209	192.04	191.56	192.51	0.05					0.8	10R7/3	5PB5/1		1	6
KUN001	210	192.99	192.51	193.46	0.03					1	10R5/1	10R5/3		1	6
KUN001	211	193.88	193.46	194.3	0					0.9	5PB5/1	10YR8/2		1	5
KUN001	212	194.71	194.3	195.13	0					0.7	10R6/2	10R5/1		1	6
KUN001	213	195.55	195.13	195.96	0					0.7	10YR8/1	10R7/2		1	6
KUN001	214	196.38	195.96	196.8	0	0.2				0.8	10R6/2	10R8/1		1	6
KUN001	215	197.21	196.8	197.63	0.01					1	10R5/1	10YR8/2		1	6
KUN001	216	198.05	197.63	198.46	0.05	0.3	0.5	0.5		6	10R7/3	10YR8/2		1	6
KUN001	217	198.86	198.46	199.26	0.03			1		3	5PB5/1	10YR8/2		1	6
KUN001	218	199.66	199.26	200.06	0.03			3		4	10R5/1	5PB5/1		1	6
KUN001	219	200.46	200.06	200.86	0.01		2	3		8	10YR8/2	10R6/2		1	7
KUN001	220	201.26	200.86	201.66	0			2		4	10YR8/2	10R6/2		1	6
KUN001	221	202.06	201.66	202.46	0			2		3	10R6/2	10R5/1		1	6
KUN001	222	202.86	202.46	203.26	0					1.5	10YR8/2	10R7/2		1	6
KUN001	223	203.69	203.26	204.11	0		1	2		5	10R7/1	10YR8/2		1	5
KUN001	224	204.54	204.11	204.96	0					1	10R7/6	10R8/1		1	6
KUN001	225	205.39	204.96	205.81	0					1.3	10R7/3	10R5/1		1	6
KUN001	226	206.24	205.81	206.66	0.01		2	1		10	10R7/2	15pb5		1	6
KUN001	227	207.09	206.66	207.51	0			1		2	5YR8/2	10R5/1		1	5
KUN001	228	207.94	207.51	208.36	0.05		1	2		5	5PB5/1	10R7/1		1	6
KUN001	229	208.78	208.36	209.2	0					2	5YR8/2	10R7/1		1	6
KUN001	230	209.61	209.2	210.03	0.01					1	10R8/2	10R7/4		1	5
KUN001	231	210.45	210.03	210.86	0			1		2	5YR8/2	10R5/1		1	5
KUN001	232	211.28	210.86	211.7	0					1	10R8/2	10R5/1		1	6
KUN001	233	212.11	211.7	212.53	0	1.2				1	10R8/2	10R5/1		1	6
KUN001	234	212.95	212.53	213.36	0		27	15		50	5YR8/3	10R4/1		1	4
KUN001	235	213.82	213.36	214.28	0.03		39	35		28	10R7/2	10R5/1		1	6
KUN001	236	214.74	214.28	215.2	0		29	27		21	10R5/1	10R8/2		1	5
KUN001	237	215.65	215.2	216.11	0		42	29		45	5YR8/2	10R6/6		1	4
KUN001	238	216.57	216.11	217.03	0		19	21		23	10R8/2	10R6/1		1	6
KUN001	239	217.49	217.03	217.95	0		3	6		11	5YR8/2	10R7/2		1	6
KUN001	240	218.4	217.95	218.86	0.01			12		3	10YR8/4	10R7/2		1	6
KUN001	241	219.31	218.86	219.75	0.01		3	9		7	10R8/4	10R5/3		1	6
KUN001	242	220.2	219.75	220.65	0.01			1		2	10R5/1	10R7/6		1	6
KUN001	243	221.09	220.65	221.54	0		3	2		26	10R7/2	10R5/1		1	7
KUN001	244	221.98	221.54	222.43	0.03		1	6		7	10R8/1	10R8/2		1	6
KUN001	245	222.88	222.43	223.32	0		1	4		6	10R7/2	5PB5/1		1	5
KUN001	246	223.77	223.32	224.21	0		3	3		7	10YR8/2	5PB5/1		1	6
KUN001	247	224.78	224.21	225.34	0		4	12		10	5YR5/2	10R7/3		1	6
KUN001	248	225.9	225.34	226.46	0.03		11	37		14	5PB5/1	10YR8/2		1	6
KUN001	249	227.03	226.46	227.59	0		2	6		8	10R5/1	10R7/4		1	6
KUN001	250	228.15	227.59	228.71	0.1		2	3		7	10R8/1	10R8/2		1	5
KUN001	251	229.28	228.71	229.84	0			3		2	10R8/1	10R8/2		1	5
KUN001	252	230.4	229.84	230.96	0			1		2	10R8/2	10R7/2		1	6

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Birrarak Project: Detailed Lithology and Physical Property Measurements

HOLE	Row	Sample Depth (m)	To (m)	From (m)	Magnetic Susceptibility	Cumulative cm per row of core				Maximum Clast Size (mm)	Munsell Colors		Competency	Friability	Grain Size
						Clay Intracasts	Pebbles	Granules	Silt		1st Color	2nd Color			
KUN001	253	231.44	230.96	231.91	0					1	10R8/1	10R6/3		1	6
KUN001	254	232.39	231.91	232.86	0.03					0.8	10R7/2	10R6/3		1	6
KUN001	255	233.34	232.86	233.81	0.01					1	10YR8/2	10R7/2		1	6
KUN001	256	234.29	233.81	234.76	0			0.5		2	10YR8/2	10R7/1		1	6
KUN001	257	235.24	234.76	235.71	0.08					1	10R5/4	10R8/2		1	6
KUN001	258	236.19	235.71	236.66	0.03					1.3	10R8/2	10R7/2		1	6
KUN001	259	237.15	236.66	237.65	0			3		3	10R6/2	10R8/2		1	5
KUN001	260	238.14	237.65	238.63	0.03					1	10R8/2	10R5/3		1	6
KUN001	261	239.12	238.63	239.61	0					1.2	10YR8/2	10R7/1		1	6
KUN001	262	240.1	239.61	240.6	0					0.8	10R8/2	10R6/1		1	6
KUN001	263	241.09	240.6	241.58	0					0.6	10R8/2	10R5/2		1	5
KUN001	264	242.07	241.58	242.56	0.05					0.7	10R4/3	10R4/6		1	6
KUN001	265	243.26	242.56	243.96	0.01					0.6	10R8/2	10R5/2		1	5
KUN001	266	244.66	243.96	245.36	0.01					0.6	5YR5/2	10R7/2		1	6
KUN001	267	246.06	245.36	246.76	0.01					0.5	2.5YR7/2	2.5YR5/2		1	6
KUN001	268	247.46	246.76	248.16	0					0.8	10R8/2	10R7/3		1	6
KUN001	269	248.86	248.16	249.56	0					1.8	10R3/2	10R8/1		1	6
KUN001	270	250.26	249.56	250.96	0.01					1	5YR8/3	10R6/3		1	6
KUN001	271	251.39	250.96	251.81	0			1		4	10R6/2	10R7/2		1	6
KUN001	272	252.24	251.81	252.66	0					0.7	10R7/2	10YR8/2		1	6
KUN001	273	253.09	252.66	253.51	0.06					1	10R7/2	10R6/3		1	6
KUN001	274	253.94	253.51	254.36	0					3	10R8/2	10R4/2		1	6
KUN001	275	254.79	254.36	255.21	0	0.8				1	10R8/2	10R8/1		1	6
KUN001	276	255.64	255.21	256.06	0	1.8				0.7	10R7/1	10R8/1		1	5
KUN001	277	256.51	256.06	256.96	0.08					0.9	10R7/1	10R8/1		1	6
KUN001	278	257.41	256.96	257.86	0.01	0.3				1.7	10R4/1	10R7/2		1	6
KUN001	279	258.31	257.86	258.76	0					1.2	10R7/2	10R6/2		1	6
KUN001	280	259.21	258.76	259.66	0.05					1.3	5YR6/3	10R4/1		1	6
KUN001	281	260.11	259.66	260.56	0.03			1		5	10R8/2	10R4/3		1	6
KUN001	282	261.01	260.56	261.46	0.11		1	4		21	10R8/2	10R4/2		1	6
KUN001	283	261.86	261.46	262.26	0		12	6		56	10R4/1	10R7/3		1	6
KUN001	284	262.66	262.26	263.06	0		5	26		34	10R4/1	10R6/1		1	6
KUN001	285	263.46	263.06	263.86	0		11	32		15	10R4/3	10YR7/6		1	5
KUN001	286	264.26	263.86	264.66	0		33	10		50	10R8/1			1	
KUN002	1	0.48	0.01	0.95	0.01						7.5YR7/2	10R5/2		1	6
KUN002	2	1.42	0.95	1.89	0.01						7.5YR7/2	10R5/2		1	5
KUN002	3	2.36	1.89	2.83	0						7.5YR7/2	10R5/2		1	4
KUN002	4	3.3	2.83	3.77	0.01						7.5YR7/2	10R4/1		1	6
KUN002	5	4.24	3.77	4.71	0.01						10R6/2	10R3/4		1	6
KUN002	6	5.18	4.71	5.65	0.01						7.5YR7/2	10R4/1		1	6
KUN002	7	6.13	5.65	6.61	0.01						7.5YR7/2	10R3/6		1	4
KUN002	8	7.09	6.61	7.57	0.03						10R5/1	10YR7/1		1	4
KUN002	9	8.05	7.57	8.53	0.06						10R5/1	7.5YR7/2		1	6
KUN002	10	9	8.53	9.48	0.03						10R5/1	10R3/2		1	6
KUN002	11	9.96	9.48	10.44	0.01						7.5YR7/2			1	4
KUN002	12	10.92	10.44	11.4	0.01						7.5YR7/2	10R3/4		1	6
KUN002	13	11.87	11.4	12.33	0.01						7.5YR7/2	10R4/6		1	5
KUN002	14	12.8	12.33	13.27	0.01						7.5YR7/2	10R4/6		1	4
KUN002	15	13.73	13.27	14.2	0.03						10R4/1			1	4
KUN002	16	14.67	14.2	15.13	0.03						10R4/1	7.5YR7/2		1	4
KUN002	17	15.6	15.13	16.07	0.05						5PB4/1	7.5YR7/2		1	4
KUN002	18	16.53	16.07	17	0.11						5PB5/1	7.5YR7/2		1	5
KUN002	19	17.48	17	17.96	0.01						7.5YR7/2			1	5
KUN002	20	18.44	17.96	18.92	0						2.5YR6/1			1	4
KUN002	21	19.4	18.92	19.88	0.01						10R6/1			1	5
KUN002	22	20.35	19.88	20.83	0.01						10R6/1			1	4
KUN002	23	21.31	20.83	21.79	0.01						7.5YR7/2			1	5
KUN002	24	22.27	21.79	22.75	0.01						10R6/1	10R4/4		1	4
KUN002	25	23.22	22.75	23.69	0						10R6/1	10R4/4		1	4
KUN002	26	24.16	23.69	24.63	0.05						5PB4/1	10R3/2		1	5
KUN002	27	25.1	24.63	25.58	0.01						10R4/1	10R2.5/1		1	5
KUN002	28	26.05	25.58	26.52	0.03						10R4/1	10R2.5/1		1	4
KUN002	29	26.99	26.52	27.46	0.01						7.5YR7/2	10R4/3		1	5
KUN002	30	27.93	27.46	28.4	0.05						10R4/1	7.5YR7/2		1	5
KUN002	31	28.87	28.4	29.33	0.03						10R4/4	10R4/1		1	5
KUN002	32	29.8	29.33	30.27	0.01						10R4/1	10YR5/4		1	4
KUN002	33	30.73	30.27	31.2	0.06						10R4/1			1	4
KUN002	34	31.67	31.2	32.13	0.01						7.5YR7/3	7.5YR7/2		1	4
KUN002	35	32.6	32.13	33.07	0						10R4/1	10R2.5/1		1	4
KUN002	36	33.53	33.07	34	0.01						7.5YR7/1	10R4/1		1	4
KUN002	37	34.47	34	34.93	0						10R4/2	10R3/1		1	5
KUN002	38	35.4	34.93	35.87	0.03						10R4/1	10R2.5/1		1	4
KUN002	39	36.33	35.87	36.8	0.01						10R7/1	10R4/2		1	5
KUN002	40	37.27	36.8	37.73	0.01						10R5/2	10R2.5/1		1	5
KUN002	41	38.2	37.73	38.67	0.01						10R7/1	10R4/1		1	5
KUN002	42	39.13	38.67	39.6	0.03						10R4/1	10R2.5/1		1	4
KUN002	43	40.07	39.6	40.54	0.05						10R4/1			1	5
KUN002	44	41.01	40.54	41.48	0.01						10R7/1	10R5/1		1	4
KUN002	45	41.95	41.48	42.43	0.01						10R7/1	10R4/1		1	4
KUN002	46	42.9	42.43	43.37	0.05						10R4/1	10R2.5/1		1	4
KUN002	47	43.84	43.37	44.31	0.05						10R5/1	10R7/2		1	4
KUN002	48	44.78	44.31	45.25	0.01						5YR7/1	10R6/1		1	4
KUN002	49	45.71	45.25	46.18	0.01						5YR7/1	10R6/1		1	4
KUN002	50	46.64	46.18	47.1	0.03						10R4/1			1	4

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Birraduk Project: Detailed Lithology and Physical Property Measurements

HOLE	Row	Sample Depth (m)	To (m)	From (m)	Magnetic Susceptibility	Cumulative cm per row of core				Maximum Clast Size (mm)	Munsell Colors		Competency	Friability	Grain Size
						Clay	Intracasts	Pebbles	Granules	Silt	1st Color	2nd Color			
KUN002	51	47.56	47.1	48.03	0.05						10R4/1	10R2.5/1		1	4
KUN002	52	48.49	48.03	48.95	0.06						10R4/1	10R2.5/1		1	4
KUN002	53	49.41	48.95	49.88	0.08						10R4/1			1	5
KUN002	54	50.34	49.88	50.8	0.03						2.5YR6/2	10R4/1		1	4
KUN002	55	51.27	50.8	51.73	0.05						10R4/1			1	5
KUN002	56	52.2	51.73	52.67	0.01						10R4/1	10R2.5/1		1	4
KUN002	57	53.13	52.67	53.6	0.01						10R6/1	10R4/6		1	4
KUN002	58	54.07	53.6	54.53	0.01						10R7/1	10R3/1		1	4
KUN002	59	55	54.53	55.47	0.01						10R5/1	10R3/1		1	4
KUN002	60	55.93	55.47	56.4	0.03						10R7/1	10R4/1		1	5
KUN002	61	56.87	56.4	57.33	0.03						10R4/1	10R7/2		1	5
KUN002	62	57.8	57.33	58.27	0.05						10R4/1	10R6/2		1	5
KUN002	63	58.73	58.27	59.2	0.05						10R4/1	10R7/1		1	5
KUN002	64	59.67	59.2	60.13	0.01						10yr7/7	2.5YR4/4		1	4
KUN002	65	60.6	60.13	61.07	0.01						10R6/3	10R3/6		1	6
KUN002	66	61.53	61.07	62	0.01						7.5YR7/1	10R4/1		1	5
KUN002	67	62.46	62	62.92	0.01						7.5YR7/1	10R4/1		1	6
KUN002	68	63.38	62.92	63.83	0.03						10R4/1	7.5YR7/2		1	6
KUN002	69	64.29	63.83	64.75	0.03						10R4/1	7.5YR7/2		1	5
KUN002	70	65.21	64.75	65.67	0.05						10R4/1	7.5YR7/2		1	5
KUN002	71	66.13	65.67	66.58	0.01						10R4/1	7.5YR7/2		1	6
KUN002	72	67.04	66.58	67.5	0.01						7.5YR7/2	10R3/6		1	6
KUN002	73	67.96	67.5	68.42	0.01						10R5/1	10R4/1		1	5
KUN002	74	68.88	68.42	69.33	0.03						10R4/1	10R7/4		1	5
KUN002	75	69.79	69.33	70.25	0.01						10R4/1	10R7/1		1	5
KUN002	76	70.71	70.25	71.17	0.01						10R6/2	10R5/1		1	6
KUN002	77	71.63	71.17	72.08	0.01						7.5YR7/3	7.5YR7/6		1	6
KUN002	78	72.54	72.08	73	0.05						5PB5/1	7.5YR8/2		1	5
KUN002	79	73.47	73	73.93	0.01						7.5YR7/1	10R4/1		1	5
KUN002	80	74.4	73.93	74.87	0.01						7.5YR8/3	10R4/3		1	5
KUN002	81	75.33	74.87	75.8	0.01						10R4/2	2.5YR7/2		1	6
KUN002	82	76.27	75.8	76.73	0.01						2.5YR6/2	10R4/1		1	6
KUN002	83	77.2	76.73	77.67	0.08						10R4/1	7.5YR8/1		1	6
KUN002	84	78.13	77.67	78.6	0.01						10R6/2	10R3/3		1	5
KUN002	85	79.05	78.6	79.5	0.01						5YR7/3	10R4/1		1	5
KUN002	86	79.95	79.5	80.4	0.03						10R6/1	7.5YR7/2		1	5
KUN002	87	80.85	80.4	81.3	0.05						10R4/1	10R7/2		1	6
KUN002	88	81.75	81.3	82.2	0.01						10R6/2	10R5/1		1	4
KUN002	89	82.65	82.2	83.1	0.01						10R3/2	10R6/1		1	4
KUN002	90	83.55	83.1	84	0.03						10R5/1	10R3/4		1	5
KUN002	91	84.44	84	84.88	0.03						2.5YR5/2	2.5YR5/3		1	6
KUN002	92	85.33	84.88	85.77	0.01						10R5/3	10R4/3		1	6
KUN002	93	86.21	85.77	86.65	0.01						10R5/3			1	4
KUN002	94	87.09	86.65	87.53	0.01						5YR5/1	10R4/3		1	5
KUN002	95	87.98	87.53	88.42	0.05						5PB4/1	10R3/1		1	5
KUN002	96	88.86	88.42	89.3	0.03						5YR5/3	10R2.5/1		1	7
KUN002	97	89.76	89.3	90.23	0.01						5YR5/2	5Y6/4		1	5
KUN002	98	90.69	90.23	91.15	0.03						10R5/3	10R3/1		1	
KUN002	99	91.61	91.15	92.08	0.01						2.5Y6/3	10R4/3		1	6
KUN002	100	92.54	92.08	93	0.01						10R4/2	2.5Y6/1		1	6
KUN002	101	93.46	93	93.93	0.01						10R5/4	2.5Y6/2		1	6
KUN002	102	94.39	93.93	94.85	0.01						10R3/2	2.5Y5/1		1	4
KUN002	103	95.28	94.85	95.71	0.03						5YR5/2	10R3/6		1	4
KUN002	104	96.14	95.71	96.57	0.05						10YR6/2			1	4
KUN002	105	97	96.57	97.43	0.01						10R4/1	10YR6/2		1	5
KUN002	106	97.85	97.43	98.28	0.05						10R4/1			1	5
KUN002	107	98.71	98.28	99.14	0.03						10R4/1	10R5/1		1	4
KUN002	108	99.57	99.14	100	0.05						5YR6/1			1	6
KUN002	109	100.46	100	100.92	0.01						10R4/1			1	5
KUN002	110	101.38	100.92	101.83	0.01						10R4/1	10R6/2		1	5
KUN002	111	102.29	101.83	102.75	0.03						10R3/1	10R6/4		1	6
KUN002	112	103.21	102.75	103.67	0.03						5YR4/3	5PB3/1		1	7
KUN002	113	104.13	103.67	104.58	0.03						5PB4/1	2.5Y7/1		1	6
KUN002	114	105.04	104.58	105.5	0.03						5PB4/1	7.5YR6/1		1	6
KUN002	115	105.95	105.5	106.4	0.06						5PB4/1	2.5Y6/2		1	6
KUN002	116	106.85	106.4	107.3	0.03						2.5YR4/2			1	6
KUN002	117	107.75	107.3	108.2	0.01						10R6/1	2.5Y7/1		1	5
KUN002	118	108.65	108.2	109.1	0.01						10R3/3	10R5/1		1	5
KUN002	119	109.55	109.1	110	0.05						10R4/1	10R6/2		1	6
KUN002	120	110.45	110	110.9	0.01						10R4/3			1	5
KUN002	121	111.36	110.9	111.83	0.01						10R5/3	10R4/3		1	5
KUN002	122	112.29	111.83	112.75	0.05						10R4/1	10YR7/2		1	5
KUN002	123	113.21	112.75	113.68	0.03						10R5/2			1	5
KUN002	124	114.14	113.68	114.6	0.05						2.5Y6/2	10R5/2		1	6
KUN002	125	115.06	114.6	115.53	0.03						10R4/2	10R6/1		1	5
KUN002	126	115.99	115.53	116.45	0.03						10R4/1	10R4/6		1	6
KUN002	127	116.9	116.45	117.36	0.03						10R4/1	10R5/3		1	4
KUN002	128	117.81	117.36	118.27	0.03						10R4/4	10R4/1		1	6
KUN002	129	118.72	118.27	119.18	0.05						10R4/1	10R4/4		1	6
KUN002	130	119.63	119.18	120.08	0.03						10R4/3	10R4/1		1	5
KUN002	131	120.54	120.08	120.99	0.08						5PB4/1	10R4/1		1	6
KUN002	132	121.45	120.99	121.9	0.06						10R4/1	10R6/2		1	5
KUN002	133	122.36	121.9	122.82	0.06						5PB4/1	10R4/4		1	6
KUN002	134	123.28	122.82	123.73	0.06						10R4/2			1	6

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HOLE	Row	Sample Depth (m)	To (m)	From (m)	Magnetic Susceptibility	Cumulative cm per row of core				Maximum Clast Size (mm)	Munsell Colors		Competency	Friability	Grain Size
						Clay	Intracasts	Pebbles	Granules	Silt	1st Color	2nd Color			
KUN002	135	124.19	123.73	124.65	0.08						10R3/3	5PB4/1		1	6
KUN002	136	125.11	124.65	125.57	0.08						10R3/3	5PB4/1		1	6
KUN002	137	126.03	125.57	126.48	0.05						10R2.5/2	10R4/4		1	6
KUN002	138	126.94	126.48	127.4	0.03						10R5/4			1	6
KUN002	139	127.85	127.4	128.29	0.06						10R3/2	10R4/3		1	5
KUN002	140	128.74	128.29	129.18	0.03						10R4/3	10R4/2		1	5
KUN002	141	129.63	129.18	130.08	0.01						7.5YR7/2	10R5/3		1	5
KUN002	142	130.52	130.08	130.97	0.06						10R3/2	10R6/4		1	6
KUN002	143	131.41	130.97	131.86	0.03						10R4/1	10R7/4		1	5
KUN002	144	132.3	131.86	132.75	0.03						10R5/2	10R5/4		1	6
KUN002	145	133.21	132.75	133.68	0.01						10R7/2	10R5/2		1	6
KUN002	146	134.14	133.68	134.6	0.08						10R3/2			1	6
KUN002	147	135.06	134.6	135.53	0.05						10R4/1	10R2.5/1		1	4
KUN002	148	135.99	135.53	136.45	0.03						10R7/2	10R6/1		1	4
KUN002	149	136.91	136.45	137.38	0.06						10R2.5/1	10R7/3		1	5
KUN002	150	137.84	137.38	138.3	0.01						10YR7/2	10R5/6		1	6
KUN002	151	138.75	138.3	139.21	0.03						10R5/8	10YR7/2		1	6
KUN002	152	139.66	139.21	140.12	0.06						10R4/2	10R5/2		1	5
KUN002	153	140.57	140.12	141.03	0.03						10R6/3	10R4/6		1	5
KUN002	154	141.48	141.03	141.93	0.03						10R4/1	7.5YR6/4		1	6
KUN002	155	142.39	141.93	142.84	0.05						10B5/1	7.5YR7/2		1	6
KUN002	156	143.3	142.84	143.75	0.03						5PB5/1	5PB4/1		1	6
KUN002	157	144.21	143.75	144.68	0.08						5PB4/1	7.5YR7/2		1	6
KUN002	158	145.14	144.68	145.6	0.06						10R3/2	5YR6/4		1	6
KUN002	159	146.06	145.6	146.53	0.03						10R5/4	10R4/4		1	6
KUN002	160	146.99	146.53	147.45	0.03						7.5YR6/2	10R3/3		1	6
KUN002	161	147.91	147.45	148.38	0.05						5PB4/1	10R5/3		1	6
KUN002	162	148.84	148.38	149.3	0.03						2.5YR6/4	2.5Y6/4		1	5
KUN002	163	149.77	149.3	150.23	0.05						10R4/2	10R5/3		1	5
KUN002	164	150.7	150.23	151.17	0.05						10R5/1	5YR7/2		1	5
KUN002	165	151.63	151.17	152.1	0.06						10R3/2	10R4/1		1	5
KUN002	166	152.57	152.1	153.03	0.03						10R5/3	10R6/2		1	5
KUN002	167	153.5	153.03	153.97	0.05						10R4/1	10R4/6		1	4
KUN002	168	154.43	153.97	154.9	0.06						10R5/3	10R4/1		1	5
KUN002	169	155.37	154.9	155.83	0.05						10R4/1	10R3/3		1	4
KUN002	170	156.3	155.83	156.77	0.05						5YR6/4	5PB4/1		1	5
KUN002	171	157.23	156.77	157.7	0.01						10R6/2	10R5/1		1	4
KUN002	172	158.17	157.7	158.63	0.05						10R5/1	10R4/2		1	5
KUN002	173	159.1	158.63	159.57	0.06						5PB5/1	10R3/6		1	6
KUN002	174	160.03	159.57	160.5	0.08						5PB5/1	5PB3/1		1	6
KUN002	175	160.96	160.5	161.42	0.01						10R6/2	5PB6/1		1	5
KUN002	176	161.88	161.42	162.33	0.01						10R6/1	10R4/4		1	6
KUN002	177	162.79	162.33	163.25	0						10R5/1	10R7/2		1	7
KUN002	178	163.71	163.25	164.17	0.03						10R5/1	10R2.5/1		1	6
KUN002	179	164.63	164.17	165.08	0.05						10R4/1	10R2.5/2		1	6
KUN002	180	165.54	165.08	166	0.01						10R6/1	10R4/4		1	5
KUN002	181	166.48	166	166.96	0.01						10R6/1			1	6
KUN002	182	167.44	166.96	167.92	0.01						10R6/1	10R5/3		1	6
KUN002	183	168.4	167.92	168.88	0.03						10R3/1	10R5/1		1	5
KUN002	184	169.35	168.88	169.83	0.01						10R5/3	10R6/1		1	6
KUN002	185	170.31	169.83	170.79	0.01						10R5/1	10R3/1		1	6
KUN002	186	171.27	170.79	171.75	0.01						10R5/2	10R4/1		1	6
KUN002	187	172.21	171.75	172.68	0.01						10R5/1	10R4/6		1	6
KUN002	188	173.14	172.68	173.6	0.03						5Y6/2	10R3/1		1	6
KUN002	189	174.06	173.6	174.53	0.03						2.5Y7/1	5PB4/1		1	5
KUN002	190	174.99	174.53	175.45	0.01						5PB5/1	2.5Y7/1		1	6
KUN002	191	175.91	175.45	176.38	0.01						2.5Y7/1	5PB6/1		1	6
KUN002	192	176.84	176.38	177.3	0.01						5PB4/1	7.5YR5/2		1	6
KUN002	193	177.77	177.3	178.24	0.03						2.5Y7/1	10R4/1		1	6
KUN002	194	178.71	178.24	179.18	0.01						N5/	5Y7/2		1	6
KUN002	195	179.65	179.18	180.13	0.01						N5/	5Y7/2		1	6
KUN002	196	180.6	180.13	181.07	0.01						5YR6/1	10R3/4		1	6
KUN002	197	181.54	181.07	182.01	0.03						N5/	10R2.5/1		1	6
KUN002	198	182.48	182.01	182.95	0.05						N5/	10R2.5/1		1	6
KUN002	199	183.42	182.95	183.89	0						10R6/1			1	6
KUN002	200	184.36	183.89	184.83	0.01						10R5/1			1	6
KUN002	201	185.3	184.83	185.78	0.05						10B6/1	10R3/1		1	6
KUN002	202	186.25	185.78	186.72	0.01						10R7/1	2.5Y7/2		1	6
KUN002	203	187.19	186.72	187.66	0.01						10R6/2			1	6
KUN002	204	188.13	187.66	188.6	0.01						10R6/1			1	6
KUN002	205	189.06	188.6	189.53	0.01						2.5Y7/1			1	6
KUN002	206	189.99	189.53	190.45	0						2.5Y6/1			1	5
KUN002	207	190.91	190.45	191.38	0						2.5Y7/2			1	6
KUN002	208	191.84	191.38	192.3	0.01						2.5Y7/2	10R5/3		1	4
KUN002	209	192.76	192.3	193.23	0.01						N5/	2.5Y7/1		1	5
KUN002	210	193.69	193.23	194.15	0.01						2.5Y7/3	2.5Y7/6		1	5
KUN002	211	194.52	194.15	194.88	0.01						2.5Y7/3			1	5
KUN002	212	195.25	194.88	195.62	0.01						2.5Y7/3	2.5Y5/1		1	4
KUN002	213	195.98	195.62	196.35	0						2.5Y6/1	2.5Y5/1		1	4
KUN002	214	196.72	196.35	197.08	0						2.5Y6/1			1	4
KUN002	215	197.45	197.08	197.82	0.01						2.5Y7/2			1	5
KUN002	216	198.18	197.82	198.55	0.03						5PB4/1	2.5Y7/3		1	4
KUN002	217	199.1	198.55	199.65	0.25						5PB4/1			1	5
KUN002	218	200.2	199.65	200.75	0.01						10R7/1	10R6/3		1	4

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HOLE	Row	Sample Depth (m)	To (m)	From (m)	Magnetic Susceptibility	Cumulative cm per row of core				Maximum Clast Size (mm)	Munsell Colors		Competency	Friability	Grain Size
						Clay	Pebbles	Granules	Silt		1st Color	2nd Color			
KUN002	219	201.3	200.75	201.85	0.01						10R7/1			1	6
KUN002	220	202.4	201.85	202.95	0.01						10R7/1	10R8/1		1	4
KUN002	221	203.5	202.95	204.05	0.01						2.5YR7/1			1	5
KUN002	222	204.6	204.05	205.15	0.01						10R4/2			1	5
KUN002	223	205.6	205.15	206.04	0.01						10R7/1			1	5
KUN002	224	206.49	206.04	206.93	0.03						5PB4/1	10R7/1		1	6
KUN002	225	207.38	206.93	207.83	0.03						10R7/1	10R2.5/2		1	6
KUN002	226	208.27	207.83	208.72	0.03						10R5/1			1	5
KUN002	227	209.16	208.72	209.61	0.01						5YR7/1			1	5
KUN002	228	210.05	209.61	210.5	0						5YR6/2	10R4/3		1	5
KUN002	229	210.93	210.5	211.35	0						10R5/1	5YR7/1		1	5
KUN002	230	211.78	211.35	212.2	0.01						5YR7/2	10R5/1		1	5
KUN002	231	212.63	212.2	213.05	0.01						10R4/1	5YR7/1		1	5
KUN002	232	213.48	213.05	213.9	0.05						5YR5/1	5YR7/1		1	6
KUN002	233	214.33	213.9	214.75	0.01						5YR6/2	5YR4/1		1	6
KUN002	234	215.18	214.75	215.6	0.01						5YR6/2	5YR4/1		1	6
KUN002	235	216.06	215.6	216.53	0.05						5YR4/1	5YR7/1		1	6
KUN002	236	216.99	216.53	217.45	0.01						5YR7/2	10R4/6		1	6
KUN002	237	217.91	217.45	218.38	0.01						10R7/2			1	6
KUN002	238	218.84	218.38	219.3	0.01						7.5YR7/2	10R5/2		1	6
KUN002	239	219.76	219.3	220.23	0						5YR6/2			1	6
KUN002	240	220.69	220.23	221.15	0						5YR5/1			1	6
KUN002	241	221.62	221.15	222.08	0.01						5YR5/1	10R3/1		1	6
KUN002	242	222.55	222.08	223.02	0.08						10R4/1	10R3/1		1	6
KUN002	243	223.48	223.02	223.95	0.05						10R5/1	10R2.5/1		1	6
KUN002	244	224.42	223.95	224.88	0.03						10R6/1	10R3/1		1	6
KUN002	245	225.35	224.88	225.82	0.03						10R5/1	10R3/1		1	6
KUN002	246	226.28	225.82	226.75	0.05						10R3/1	10R6/2		1	6
KUN002	247	227.21	226.75	227.67	0.01						10R3/1	10R2.5/1		1	6
KUN002	248	228.13	227.67	228.58	0.01						10R5/3	10R5/1		1	6
KUN002	249	229.04	228.58	229.5	0.01						10R6/3			1	6
KUN002	250	229.96	229.5	230.42	0.01						10R5/1	10R3/3		1	6
KUN002	251	230.88	230.42	231.33	0.01						5YR7/1	5YR5/3		1	6
KUN002	252	231.79	231.33	232.25	0.05						10R6/2	10R5/2		1	6
KUN002	253	232.7	232.25	233.15	0.03						5YR5/1	10R4/1		1	6
KUN002	254	233.6	233.15	234.05	0.01						10R7/1	10R6/1		1	6
KUN002	255	234.5	234.05	234.95	0.01						10R6/1			1	6
KUN002	256	235.4	234.95	235.85	0.01						5YR6/1			1	5
KUN002	257	236.3	235.85	236.75	0.03						5YR5/1	5YR6/1		1	6
KUN002	258	237.2	236.75	237.65	0.03						5YR5/1	5YR7/1		1	6
KUN002	259	238.12	237.65	238.59	0						10R4/2	5YR5/2		1	5
KUN002	260	239.06	238.59	239.53	0.03						5YR3/1	5YR5/2		1	6
KUN002	261	240	239.53	240.48	0.06						10R3/1	10R6/1		1	5
KUN002	262	240.95	240.48	241.42	0.05						10YR7/4	10R3/1		1	7
KUN002	263	241.89	241.42	242.36	0.05						5YR5/1	10YR7/3		1	6
KUN002	264	242.83	242.36	243.3	0.03						10R3/1	10R5/3		1	6
KUN002	265	243.78	243.3	244.27	0.1						10R4/2	7.5YR7/8		1	6
KUN002	266	244.75	244.27	245.23	0.01						10R6/1	10R3/1		1	6
KUN002	267	245.72	245.23	246.2	0.06						10R3/1			1	6
KUN002	268	246.68	246.2	247.17	0.11						10R4/1			1	
KUN002	269	247.65	247.17	248.13	0.13						10R3/1	5G5/1		1	
KUN002	270	248.62	248.13	249.1	0.15						10R4/1	10B5/1		1	
KUN002	271	249.56	249.1	250.02	0.1						10R3/1	10B6/1		1	
KUN002	272	250.48	250.02	250.93	0.15						10R3/1	5PB7/1		1	
KUN002	273	251.39	250.93	251.85	0.11						5YR4/1	5G7/2		1	
KUN002	274	252.31	251.85	252.77	0.01						5YR7/1	5YR3/1		1	
KUN002	275	253.23	252.77	253.68	0.21						10R3/1	5GY7/1		1	
KUN002	276	254.14	253.68	254.6	0.05						5YR5/1	5GY7/1		1	
KUN002	277	255.05	254.6	255.5	0.05						5YR5/1	5GY7/1		1	
KUN002	278	255.95	255.5	256.4	0.2						10R3/1	5GY7/1		1	
KUN002	279	256.85	256.4	257.3	0.08						5PB4/1	5G6/1		1	
KUN002	280	257.75	257.3	258.2	0.18						5PB4/1	5G6/1		1	
KUN002	281	258.65	258.2	259.1	0.06						5PB4/1	10G6/1		1	
KUN002	282	259.55	259.1	260	0.15						5PB4/1	5PB7/1		1	
KUN002	283	260.47	260	260.93	0.11						5BG5/1	5PB4/1		1	
KUN002	284	261.4	260.93	261.87	0.21						5BG5/1			1	
KUN002	285	262.33	261.87	262.8	0.21						5BG4/1	N8/		1	
KUN002	286	263.27	262.8	263.73	0.06						N8/	5BG4/1		1	
KUN002	287	264.2	263.73	264.67	0.15						5BG4/1			1	
KUN002	288	265.13	264.67	265.6	0.15						N8/	5BG4/1		1	
KUN002	289	266.07	265.6	266.53	0.1						5BG4/1			1	
KUN002	290	267	266.53	267.47	0.21						5BG4/1			1	
KUN002	291	267.93	267.47	268.4	0.16						5BG4/1			1	
KUN002	292	268.87	268.4	269.33	0.16						5G6/2	5BG4/1		1	
KUN002	293	269.8	269.33	270.27	0.31						5BG4/1	10B4/1		1	
KUN002	294	270.73	270.27	271.2	0.13						5BG4/1	5PB6/1		1	
KUN002	295	271.67	271.2	272.13	0.38						10G4/1	10B3/1		1	
KUN002	296	272.6	272.13	273.07	0.45						5PB5/1	5G4/1		1	
KUN002	297	273.53	273.07	274	0.31						5G4/1	N8/		1	
KUN002	298	274.47	274	274.93	0.18						5G4/2	5G3/1		1	
KUN002	299	275.4	274.93	275.87	0.33						5G3/2	10B7/1		1	
KUN002	300	276.33	275.87	276.8	0.35						10B6/1	5PB3/1		1	
KUN002	301	277.26	276.8	277.73	0.31						5PB2.5/1	10BG5/1		1	
KUN002	302	278.19	277.73	278.65	0.2						10B3/1	5G5/2		1	

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HOLE	Row	Sample Depth (m)	To (m)	From (m)	Magnetic Susceptibility	Cumulative cm per row of core				Maximum Clast Size (mm)	Munsell Colors		Competency	Friability	Grain Size
						Clay	Pebbles	Granules	Silt		1st Color	2nd Color			
KUN002	303	279.11	278.65	279.58	0.31						5G3/1	5PB7/1		1	
KUN002	304	280.04	279.58	280.5	0.15						5BG5/1			1	
KUN002	305	280.96	280.5	281.43	0.33						5B6/1			1	
KUN002	306	281.89	281.43	282.35	0.3						10G5/1	N8/		1	
KUN002	307	282.81	282.35	283.27	0.16						N8/	5BG5/1		1	
KUN002	308	283.73	283.27	284.18	0.18						5BG5/1	10B3/1		1	
KUN002	309	284.64	284.18	285.1	0.21						5B5/1			1	
KUN002	310	285.56	285.1	286.02	0.08						5BG5/1	N8/		1	
KUN002	311	286.48	286.02	286.93	0.11						10G5/1			1	
KUN002	312	287.39	286.93	287.85	0.15						10G5/1	10B4/1		1	
KUN002	313	288.31	287.85	288.77	0.1						10G5/1	10B3/1		1	
KUN002	314	289.23	288.77	289.68	0.36						10B2.5/1	10G5/1		1	
KUN002	315	290.14	289.68	290.6	0.45						10G3/1	10B2.5/1		1	
KUN002	316	291.06	290.6	291.52	0.21						10G5/1			1	
KUN002	317	291.98	291.52	292.43	0.3						10BG4/1	5PB5/1		1	
KUN002	318	292.89	292.43	293.35	0.06						10YR4/3	10BG5/1		1	
KUN005	1	1.49	1	1.98	0.03						10YR8/6	10R4/3		1	5
KUN005	2	2.48	1.98	2.97	0.03						10YR8/1	10YR7/1		2	5
KUN005	3	3.46	2.97	3.95	0.01						10YR8/1	10YR7/1		1	5
KUN005	4	4.44	3.95	4.93	0.05						2.5YR6/2	10YR8/1		1	5
KUN005	5	5.43	4.93	5.92	0.07						10YR8/3	10R4/3		1	5
KUN005	6	6.41	5.92	6.9	0.05						10R8/2	10R5/2		1	5
KUN005	7	7.34	6.9	7.78	0.05						5PB5/1	10R8/1		1	6
KUN005	8	8.23	7.78	8.67	0.12						5PB5/1	10R6/1		1	6
KUN005	9	9.11	8.67	9.55	0.03						10R7/2	10R6/3		1	6
KUN005	10	9.99	9.55	10.43	0.03						5YR8/3	10R6/1		1	6
KUN005	11	10.88	10.43	11.32	0.03						5PB5/1	10YR8/2		1	6
KUN005	12	11.76	11.32	12.2	0.01						10R5/1	10R7/2		1	6
KUN005	13	12.69	12.2	13.18	0.03						5YR8/2	5YR8/1		1	6
KUN005	14	13.68	13.18	14.17	0.05						10YR8/2	5PB5/1		1	6
KUN005	15	14.66	14.17	15.15	0.05						5PB5/1	10R8/1		1	6
KUN005	16	15.64	15.15	16.13	0.05						7.5YR8/2	7.5YR7/1		1	6
KUN005	17	16.63	16.13	17.12	0.03						10YR8/1	10R8/2		1	6
KUN005	18	17.61	17.12	18.1	0.07						5PB5/1	10YR8/2		1	6
KUN005	19	18.53	18.1	18.97	0.07						5PB5/1	10R8/1		1	6
KUN005	20	19.4	18.97	19.83	0.07						5PB5/1	10YR8/2		1	6
KUN005	21	20.27	19.83	20.7	0.03						5PB5/1	10R4/3		1	6
KUN005	22	21.13	20.7	21.57	0.03						10YR8/2	5PB5/1		1	6
KUN005	23	22	21.57	22.43	0.09						10R5/2	10R8/1		1	5
KUN005	24	22.87	22.43	23.3	0.07						10YR8/2	10R7/2		1	5
KUN005	25	23.74	23.3	24.18	0.03						10YR7/2	10YR8/2		1	6
KUN005	26	24.63	24.18	25.07	0.01						10YR8/1	10Y7/1		1	6
KUN005	27	25.51	25.07	25.95	0.01						10YR8/3	10R7/2		1	5
KUN005	28	26.39	25.95	26.83	0.03						10YR8/2	10R6/2		1	6
KUN005	29	27.28	26.83	27.72	0.07						10YR8/2	5PB5/1		1	6
KUN005	30	28.16	27.72	28.6	0.03						2.5YR8/1	10R4/1		1	6
KUN005	31	29.03	28.6	29.47	0.03						10YR8/2	10YR7/1		1	4
KUN005	32	29.9	29.47	30.33	0.03						10YR8/2	10YR7/1		1	5
KUN005	33	30.77	30.33	31.2	0.03						10YR8/2	10YR7/1		1	6
KUN005	34	31.63	31.2	32.07	0.07						10YR8/2	10R7/2		1	6
KUN005	35	32.5	32.07	32.93	0.03						10YR8/2	10R7/2		1	6
KUN005	36	33.37	32.93	33.8	0.05						10R6/3	10R5/1		1	5
KUN005	37	34.26	33.8	34.72	0.05						10R7/4	10R6/4		1	6
KUN005	38	35.18	34.72	35.63	0.05						10R4/1	5PB5/1		1	6
KUN005	39	36.09	35.63	36.55	0.03						10R7/3	5PB5/1		1	5
KUN005	40	37.01	36.55	37.47	0.05						10YR8/2	10R4/1		1	6
KUN005	41	37.93	37.47	38.38	0.07						10R4/1	10R7/1		1	6
KUN005	42	38.84	38.38	39.3	0.07						10R4/1	10R7/3		1	6
KUN005	43	39.76	39.3	40.22	0.07						10R5/2	10R7/4		1	6
KUN005	44	40.68	40.22	41.13	0.01						10R5/2	10R7/1		1	6
KUN005	45	41.59	41.13	42.05	0.05						10R7/2	10R6/1		1	6
KUN005	46	42.51	42.05	42.97	0.05						10R4/2	10R4/1		1	6
KUN005	47	43.43	42.97	43.88	0.09						10R6/1	5PB5/1		1	5
KUN005	48	44.34	43.88	44.8	0.05						5PB5/1	10YR8/2		1	5
KUN005	49	45.26	44.8	45.72	0.05						10R7/2	10R8/1		1	5
KUN005	50	46.18	45.72	46.63	0.01						10R8/1	10R5/1		1	6
KUN005	51	47.09	46.63	47.55	0.03						10R6/1	10R7/1		1	5
KUN005	52	48.01	47.55	48.47	0.05						10R6/1	10R8/1		1	5
KUN005	53	48.93	48.47	49.38	0.01						10R6/2	10R8/1		1	6
KUN005	54	49.84	49.38	50.3	0.03						10R5/1	10R8/1		1	4
KUN005	55	50.76	50.3	51.22	0.12						5PB4/1	10YR8/2		1	4
KUN005	56	51.68	51.22	52.13	0.09						5PB4/1	10YR8/2		1	5
KUN005	57	52.59	52.13	53.05	0.03						10R8/2	10R7/1		1	5
KUN005	58	53.51	53.05	53.97	0.03						5YR6/1	5YR8/1		1	5
KUN005	59	54.43	53.97	54.88	0.07						5PB4/1	10R7/3		1	5
KUN005	60	55.34	54.88	55.8	0.03						10YR8/2	10R6/2		1	5
KUN005	61	56.27	55.8	56.75	0.07						10R5/3	10R7/2		1	6
KUN005	62	57.23	56.75	57.7	0.05						5PB4/1	10R8/1		1	5
KUN005	63	58.18	57.7	58.65	0.05						10R7/4	5PB4/1		1	6
KUN005	64	59.13	58.65	59.6	0.05						10R4/1	5PB5/1		1	5
KUN005	65	60.08	59.6	60.55	0.03						10R6/2	10YR8/1		1	7
KUN005	66	61.03	60.55	61.5	0.03						10R4/1	10B7/1		1	6
KUN005	67	61.97	61.5	62.43	0.09						10R4/1	5PB4/1		1	6
KUN005	68	62.9	62.43	63.37	0.09						10R5/2	10R4/1		1	5

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Birraduk Project: Detailed Lithology and Physical Property Measurements

HOLE	Row	Sample Depth (m)	To (m)	From (m)	Magnetic Susceptibility	Cumulative cm per row of core				Maximum Clast Size (mm)	Munsell Colors		Competency	Friability	Grain Size
						Clay Intracasts	Pebbles	Granules	Silt		1st Color	2nd Color			
KUN005	69	63.83	63.37	64.3	0.07						10R7/3	10R6/4		1	6
KUN005	70	64.77	64.3	65.23	0.09						10R6/2	5PB4/1		1	5
KUN005	71	65.7	65.23	66.17	0.09						10R5/1	10R7/2		1	6
KUN005	72	66.63	66.17	67.1	0.07						10R5/1	10R7/2		1	5
KUN005	73	67.56	67.1	68.03	0.07						10R5/1	10R6/3		1	5
KUN005	74	68.49	68.03	68.95	0.05						10R6/3	10R8/1		1	6
KUN005	75	69.41	68.95	69.88	0.07						10R5/1	10R8/1		1	6
KUN005	76	70.34	69.88	70.8	0.05						10R6/2	10R4/3		1	5
KUN005	77	71.26	70.8	71.73	0.05						10R7/2			1	6
KUN005	78	72.19	71.73	72.65	0.05						10R7/3	10R8/2		1	5
KUN005	79	73.14	72.65	73.62	0.07						10R7/4	10R3/1		1	6
KUN005	80	74.11	73.62	74.6	0.07						10R6/2	10R4/2		1	6
KUN005	81	75.09	74.6	75.57	0.09						10R4/1	10R5/1		1	6
KUN005	82	76.06	75.57	76.55	0.05						5PB4/1	10R5/1		1	6
KUN005	83	77.04	76.55	77.52	0.05						10R7/3	10R6/3		1	6
KUN005	84	78.01	77.52	78.5	0.05						5PB5/1	10YR8/2		1	6
KUN005	85	78.95	78.5	79.4	0.07						10YR8/2	10YR8/2		1	6
KUN005	86	79.85	79.4	80.3	0.07						5PB5/1	5YR7/1		1	6
KUN005	87	80.75	80.3	81.2	0.07						5PB5/1	10YR8/2		1	6
KUN005	88	81.65	81.2	82.1	0.01						10R7/2	10R8/2		1	6
KUN005	89	82.55	82.1	83	0.07						5PB5/1	10R6/1		1	6
KUN005	90	83.45	83	83.9	0.05						10R8/1	10YR7/2		1	6
KUN005	91	84.37	83.9	84.85	0.1						10R4/1	10R7/4		1	6
KUN005	92	85.32	84.85	85.8	0.03						10R7/2	10R8/1		1	6
KUN005	93	86.27	85.8	86.75	0.03						10R7/2	10R8/1		1	6
KUN005	94	87.23	86.75	87.7	0.05						10R6/1	10R7/2		1	6
KUN005	95	88.18	87.7	88.65	0.03						10R8/2	10R4/3		1	6
KUN005	96	89.13	88.65	89.6	0.05						10R8/2	10R6/2		1	6
KUN005	97	90.07	89.6	90.53	0.07						5PB5/1	5YR8/2		1	5
KUN005	98	91	90.53	91.47	0.03						5PB5/1	10YR8/2		1	6
KUN005	99	91.93	91.47	92.4	0.05						5PB5/1	10YR8/2		1	6
KUN005	100	92.87	92.4	93.33	0.03						10R6/1	5PB5/1		1	6
KUN005	101	93.8	93.33	94.27	0.05						10YR8/2	5PB5/1		1	6
KUN005	102	94.73	94.27	95.2	0.03						10R8/1	10R6/2		1	6
KUN005	103	95.67	95.2	96.13	0.05						10YR8/2	5PB5/1		1	6
KUN005	104	96.6	96.13	97.07	0.05						10YR8/2	10R5/2		1	6
KUN005	105	97.53	97.07	98	0.05						10R5/1	10YR8/2		1	7
KUN005	106	98.47	98	98.93	0.03						10YR8/2	10YR7/1		1	6
KUN005	107	99.4	98.93	99.87	0.01						10YR8/2	10YR7/2		1	6
KUN005	108	100.33	99.87	100.8	0.03						10YR8/1	10YR7/1		1	6
KUN005	109	101.27	100.8	101.73	0.05						10YR8/2	10YR7/4		1	6
KUN005	110	102.2	101.73	102.67	0.05						5PB5/1	10YR6/2		1	6
KUN005	111	103.13	102.67	103.6	0.03						10R8/2	10R6/3		1	6
KUN005	112	104.07	103.6	104.53	0.07						10YR8/2	10R3/2		1	5
KUN005	113	105	104.53	105.47	0.07						5PB5/1	10YR8/2		1	5
KUN005	114	105.93	105.47	106.4	0.05						10R6/2	5PB5/1		1	6
KUN005	115	106.87	106.4	107.34	0.07						7.5YR7/2	5PB4/1		1	6
KUN005	116	107.81	107.34	108.28	0.09						10YR7/2	5PB4/1		1	6
KUN005	117	108.75	108.28	109.23	0.07						10R5/1	5YR7/2		1	6
KUN005	118	109.7	109.23	110.17	0.07						5PB4/1	10YR8/2		1	5
KUN005	119	110.64	110.17	111.11	0.09						10R5/1	5PB4/1		1	6
KUN005	120	111.58	111.11	112.05	0.07						10R6/2	5PB4/1		1	6
KUN005	121	112.52	112.05	112.99	0.09						5PB5/1	5YR7/2		1	5
KUN005	122	113.46	112.99	113.93	0.05						5PB4/1	10R7/2		1	6
KUN005	123	114.4	113.93	114.88	0.05						5YR8/2	5YR7/2		1	5
KUN005	124	115.35	114.88	115.82	0.05						10R6/1	5PB4/1		1	6
KUN005	125	116.29	115.82	116.76	0.09						5PB5/1	5PB4/1		1	6
KUN005	126	117.23	116.76	117.7	0.09						10R5/1	5PB4/1		1	6
KUN005	127	118.16	117.7	118.63	0.05						5YR8/2	10R6/1		1	6
KUN005	128	119.09	118.63	119.55	0.03						10YR7/3	10YR8/1		1	6
KUN005	129	120.01	119.55	120.48	0.07						10YR6/2	10R3/1		1	6
KUN005	130	120.94	120.48	121.4	0.07						5PB5/1	5PB3/1		1	6
KUN005	131	121.86	121.4	122.33	0.09						10R5/1	N6/		1	6
KUN005	132	122.79	122.33	123.25	0.09						10R5/1	5PB5/1		1	6
KUN005	133	123.73	123.25	124.21	0.1						10R5/1	10R7/1		1	6
KUN005	134	124.69	124.21	125.17	0.09						10R5/1	10YR8/2		1	6
KUN005	135	125.65	125.17	126.13	0.09						5PB4/1	N6/		1	6
KUN005	136	126.6	126.13	127.08	0.12						10R5/1	5YR7/4		1	6
KUN005	137	127.56	127.08	128.04	0.03						10YR7/3	5YR7/3		1	6
KUN005	138	128.52	128.04	129	0.07						10YR8/2	5PB5/1		1	6
KUN005	139	129.47	129	129.93	0.07						10YR8/2	10R6/1		1	6
KUN005	140	130.4	129.93	130.87	0.05						10R4/1	10YR8/2		1	6
KUN005	141	131.33	130.87	131.8	0.05						10YR8/2	5YR7/3		1	5
KUN005	142	132.27	131.8	132.73	0.05						5YR6/1	10YR8/2		1	6
KUN005	143	133.2	132.73	133.67	0.05						10R4/1	10YR8/2		1	6
KUN005	144	134.13	133.67	134.6	0.05						10R6/1	10R7/2		1	6
KUN005	145	135.05	134.6	135.51	0.03						10YR8/1	10YR6/2		1	6
KUN005	146	135.96	135.51	136.42	0.05						10YR8/1	10R5/1		1	6
KUN005	147	136.87	136.42	137.33	0.03						10YR8/2	10R6/1		1	6
KUN005	148	137.78	137.33	138.23	0.05						10YR8/2	10YR6/1		1	6
KUN005	149	138.69	138.23	139.14	0.05						10R5/1	10YR8/2		1	6
KUN005	150	139.6	139.14	140.05	0.09						10R8/2	5PB5/1		1	6
KUN005	151	140.51	140.05	140.98	0.1						10YR8/1	5PB4/1		1	6
KUN005	152	141.44	140.98	141.9	0.05						10YR8/2	10R6/1		1	6

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Birrarak Project: Detailed Lithology and Physical Property Measurements

HOLE	Row	Sample Depth (m)	To (m)	From (m)	Magnetic Susceptibility	Cumulative cm per row of core				Maximum Clast Size (mm)	Munsell Colors		Competency	Friability	Grain Size
						Clay	Intracasts	Pebbles	Granules	Silt	1st Color	2nd Color			
KUN005	153	142.36	141.9	142.83	0.1						10R5/1	10R8/2		1	6
KUN005	154	143.29	142.83	143.75	0.09						5YR8/1	5PB4/1		1	6
KUN005	155	144.21	143.75	144.68	0.05						10R4/1	10R5/1		1	6
KUN005	156	145.14	144.68	145.6	0.1						5YR5/3	5YR4/1		1	6
KUN005	157	146.07	145.6	146.54	0.1						5YR6/3	5PB4/1		1	6
KUN005	158	147.01	146.54	147.48	0.01						10R4/1	5YR8/2		1	5
KUN005	159	147.95	147.48	148.43	0.03						10R4/1	10YR8/2		1	4
KUN005	160	148.9	148.43	149.37	0.05						10R6/2	10R8/2		1	6
KUN005	161	149.84	149.37	150.31	0.1						5PB4/1	5YR7/3		1	6
KUN005	162	150.78	150.31	151.25	0.12						10R4/1	10R7/1		1	6
KUN005	163	151.7	151.25	152.14	0.1						10R4/2	10R7/4		1	6
KUN005	164	152.59	152.14	153.03	0.1						5YR6/3	10R5/1		1	5
KUN005	165	153.48	153.03	153.93	0.05						10R5/4	10R7/1		1	6
KUN005	166	154.37	153.93	154.82	0.03						10R4/2	10R8/1		1	
KUN005	167	155.26	154.82	155.71	0.1						10R4/1	2.5Y6/4		1	
KUN005	168	156.15	155.71	156.6	0.14						N5/	10R4/1		1	
KUN005	169	157.06	156.6	157.52	0.05						5PB4/1	10Y7/1		1	
KUN005	170	157.98	157.52	158.43	0.07						5PB4/1	10Y7/1		1	
KUN005	171	158.89	158.43	159.35	0.12						5PB4/1	10R8/2		1	
KUN005	172	159.81	159.35	160.27	0.07						5PB4/1	10YR7/2		1	
KUN005	173	160.73	160.27	161.18	0.21						5PB4/1	10R6/2		1	
KUN005	174	161.64	161.18	162.1	0.34						5PB4/1	10Y7/1		1	
KUN005	175	162.58	162.1	163.07	0.2						N4/	N7/		1	
KUN005	176	163.55	163.07	164.03	0.25						N4/	N7/		1	
KUN005	177	164.52	164.03	165	0.2						10Y6/1	5PB5/1		1	
KUN005	178	165.48	165	165.97	0.23						N4/	N6/		1	
KUN005	179	166.45	165.97	166.93	0.14						10Y3/1	10Y6/1		1	
KUN005	180	167.42	166.93	167.9	0.18						10Y5/1	N4/		1	
KUN005	181	168.37	167.9	168.83	0.38						10Y5/1	10Y7/1		1	
KUN005	182	169.3	168.83	169.77	0.31						10Y5/1	N5/		1	
KUN005	183	170.23	169.77	170.7	0.23						10Y6/1	N4/		1	
KUN005	184	171.17	170.7	171.63	0.31						10Y3/1	10Y6/1		1	
KUN005	185	172.1	171.63	172.57	0.43						10Y3/1	10Y6/1		2	
KUN005	186	173.03	172.57	173.5	0.34						10Y3/1	10Y6/1		1	
KUN005	187	173.97	173.5	174.43	0.09						N8/	5Y5/4		1	
KUN005	188	174.9	174.43	175.37	0.34						10Y6/1	N8/		1	
KUN005	189	175.83	175.37	176.3	0.31						N4/	10R7/2		1	
KUN005	190	176.77	176.3	177.23	0.21						10Y3/1	10Y6/1		1	
KUN005	191	177.7	177.23	178.17	0.2						10Y5/1	10Y7/1		1	
KUN005	192	178.63	178.17	179.1	0.32						10Y4/1	10Y7/1		1	
KUN005	193	179.57	179.1	180.04	0.23						10Y5/1	N6/		1	
KUN005	194	180.51	180.04	180.98	0.18						10Y5/1	N5/		1	
KUN005	195	181.45	180.98	181.93	0.29						10Y5/1	N5/		1	
KUN005	196	182.4	181.93	182.87	0.38						10Y6/1	N3/		1	
KUN005	197	183.34	182.87	183.81	0.25						10Y7/1	N3/		2	
KUN005	198	184.28	183.81	184.75	0.45						10Y6/1	N8/		1	
KUN008	1	2.45	2	2.89	0.01						2.5YR6/4	10YR7/1		1	4
KUN008	2	3.34	2.89	3.79	0						10R7/1			1	5
KUN008	3	4.23	3.79	4.68	0						10R7/1			1	5
KUN008	4	5.13	4.68	5.57	0						10R7/1			1	4
KUN008	5	6.02	5.57	6.47	0						10R7/1	7.5YR7/2		1	5
KUN008	6	6.91	6.47	7.36	0.01						7.5YR7/1			1	6
KUN008	7	7.82	7.36	8.28	0.01						7.5YR7/1			1	6
KUN008	8	8.73	8.28	9.19	0.01						7.5YR7/1			1	6
KUN008	9	9.65	9.19	10.11	0.01						7.5YR7/2			1	4
KUN008	10	10.56	10.11	11.02	0						7.5YR6/1			1	5
KUN008	11	11.48	11.02	11.94	0.01						7.5YR6/1	10R3/2		1	4
KUN008	12	12.39	11.94	12.85	0.01						5YR7/1			1	4
KUN008	13	13.3	12.85	13.76	0.01						5YR7/1			3	6
KUN008	14	14.21	13.76	14.67	0						5YR7/1			1	4
KUN008	15	15.12	14.67	15.58	0						10R4/1	10R7/1		1	5
KUN008	16	16.03	15.58	16.48	0						10R7/1	10R6/1		1	5
KUN008	17	16.94	16.48	17.39	0						10R7/1			3	5
KUN008	18	17.85	17.39	18.3	0.01						10R7/1	10R5/1		1	4
KUN008	19	18.73	18.3	19.17	0						10R7/1			1	6
KUN008	20	19.6	19.17	20.03	0						10R6/1	10R4/1		1	4
KUN008	21	20.47	20.03	20.9	0.01						10R7/1	10R6/1		1	5
KUN008	22	21.33	20.9	21.77	0						10R7/1	10R6/1		1	4
KUN008	23	22.2	21.77	22.63	0.01						10R7/1			1	5
KUN008	24	23.07	22.63	23.5	0.01						10R6/1	10R3/2		1	5
KUN008	25	23.96	23.5	24.43	0						10R7/1	10G7/1		1	5
KUN008	26	24.89	24.43	25.35	0.03						10R5/1	10R8/1		1	5
KUN008	27	25.81	25.35	26.28	0						10R7/1			1	6
KUN008	28	26.74	26.28	27.2	0.03						10R5/1			1	6
KUN008	29	27.66	27.2	28.13	0.05						10R5/1	10R7/1		1	5
KUN008	30	28.59	28.13	29.05	0						10R6/1			1	4
KUN008	31	29.55	29.05	30.04	0						10R7/1			1	4
KUN008	32	30.54	30.04	31.03	0.01						5YR6/3			1	4
KUN008	33	31.53	31.03	32.03	0						10R6/1			1	4
KUN008	34	32.52	32.03	33.02	0						10R7/1			1	4
KUN008	35	33.51	33.02	34.01	0.01						10R7/1			3	5
KUN008	36	34.5	34.01	35	0.03						10R7/1	10R6/1		1	4
KUN008	37	35.43	35	35.87	0.01						10R7/1			1	4
KUN008	38	36.3	35.87	36.73	0.01						10R7/1			1	4

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HOLE	Row	Sample Depth (m)	To (m)	From (m)	Magnetic Susceptibility	Cumulative cm per row of core				Maximum Clast Size (mm)	Munsell Colors		Competency	Friability	Grain Size
						Clay	Intracasts	Pebbles	Granules	Silt	1st Color	2nd Color			
KUN008	39	37.17	36.73	37.6	0.01						10R7/1	10R6/1		1	4
KUN008	40	38.03	37.6	38.47	0.01						7.5YR7/2	7.5YR7/6		3	4
KUN008	41	38.9	38.47	39.33	0.05						10R7/1			3	4
KUN008	42	39.77	39.33	40.2	0.01						10R7/1			3	4
KUN008	43	40.6	40.2	41	0.01						10R6/2			3	5
KUN008	44	41.4	41	41.8	0						10R6/2			3	5
KUN008	45	42.2	41.8	42.6	0.05						10R6/2	10R3/4		3	5
KUN008	46	43	42.6	43.4	0						10R5/1			1	5
KUN008	47	43.8	43.4	44.2	0						10R4/2			1	5
KUN008	48	44.6	44.2	45	0						5PB4/1	10R7/1		1	5
KUN008	49	45.46	45	45.92	0.01						10R3/1	10R6/3		1	5
KUN008	50	46.38	45.92	46.83	0.03						10R6/1	10R7/1		1	5
KUN008	51	47.29	46.83	47.75	0.01						10R3/1	10R6/2		1	5
KUN008	52	48.21	47.75	48.67	0.01						10R5/4	10R3/1		1	5
KUN008	53	49.13	48.67	49.58	0.03						10R5/3	10R6/3		1	5
KUN008	54	50.04	49.58	50.5	0.01						10R5/3			1	5
KUN008	55	50.94	50.5	51.38	0.03						10R2.5/2	10R6/3		1	5
KUN008	56	51.83	51.38	52.27	0.05						10R4/6	10R2.5/1		1	5
KUN008	57	52.71	52.27	53.15	0.01						10R5/1	10R4/1		1	5
KUN008	58	53.59	53.15	54.03	0						10R7/1			3	5
KUN008	59	54.48	54.03	54.92	0.01						10R6/1			1	5
KUN008	60	55.36	54.92	55.8	0.01						10R5/1	10YR6/8		1	5
KUN008	61	56.27	55.8	56.74	0						10R6/1	10R4/1		1	4
KUN008	62	57.21	56.74	57.68	0.01						10YR7/1	10R5/3		1	5
KUN008	63	58.15	57.68	58.63	0.01						10R6/1			1	5
KUN008	64	59.1	58.63	59.57	0.03						10R4/1	7.5YR7/2		1	5
KUN008	65	60.04	59.57	60.51	0						10R7/1	10R5/6		1	5
KUN008	66	60.98	60.51	61.45	0.01						10R5/1	10R3/1		1	5
KUN008	67	61.92	61.45	62.39	0						10R7/1			1	4
KUN008	68	62.86	62.39	63.33	0.03						10R6/1	10YR7/2		1	5
KUN008	69	63.8	63.33	64.28	0.01						10R5/3	10R5/8		1	5
KUN008	70	64.75	64.28	65.22	0.01						10R4/1	10R6/2		1	5
KUN008	71	65.69	65.22	66.16	0.1						10R4/1			1	5
KUN008	72	66.63	66.16	67.1	0.06						10R4/1	7.5YR7/2		1	4
KUN008	73	67.54	67.1	67.98	0						10R6/2			1	4
KUN008	74	68.43	67.98	68.87	0.06						10R5/1	10R6/4		1	5
KUN008	75	69.31	68.87	69.75	0.01						10R5/2	10R7/1		1	4
KUN008	76	70.19	69.75	70.63	0.08						10R4/1			1	5
KUN008	77	71.08	70.63	71.52	0.03						10R6/1			1	4
KUN008	78	71.96	71.52	72.4	0.11						10R5/1	10R8/1		1	5
KUN008	79	72.85	72.4	73.3	0.18						5PB4/1	N7/		1	5
KUN008	80	73.75	73.3	74.2	0.03						10R7/1	10YR7/8		1	5
KUN008	81	74.65	74.2	75.1	0.01						10R7/1	2.5Y7/8		1	5
KUN008	82	75.55	75.1	76	0.01						10R6/1	10R7/2		1	5
KUN008	83	76.45	76	76.9	0.03						10R6/1	10R7/1		1	5
KUN008	84	77.35	76.9	77.8	0.03						10R5/2	10R7/1		1	5
KUN008	85	78.25	77.8	78.7	0.01						10R4/1	10R5/4		1	5
KUN008	86	79.15	78.7	79.6	0.05						10R6/2			1	5
KUN008	87	80.05	79.6	80.5	0.01						10R5/3	10R7/1		1	5
KUN008	88	80.95	80.5	81.4	0.01						10R6/1	10R3/2		1	5
KUN008	89	81.85	81.4	82.3	0.06						10R3/1	10R4/4		1	5
KUN008	90	82.75	82.3	83.2	0.03						10R5/1	10R3/1		1	5
KUN008	91	83.65	83.2	84.09	0.06						10R3/1	10R6/4		1	5
KUN008	92	84.54	84.09	84.98	0.05						10R4/1	10R6/3		1	5
KUN008	93	85.43	84.98	85.88	0.08						10R3/1	10R5/3		1	5
KUN008	94	86.32	85.88	86.77	0.06						10R5/4	10R3/1		1	5
KUN008	95	87.21	86.77	87.66	0.03						10R6/2	10R5/4		1	5
KUN008	96	88.1	87.66	88.55	0.05						10R5/3	10R3/1		1	4
KUN008	97	88.97	88.55	89.39	0.03						10R4/1	10R7/1		1	5
KUN008	98	89.81	89.39	90.23	0.03						10R6/4	10R7/1		1	5
KUN008	99	90.65	90.23	91.08	0.1						10R3/1	10R5/4		1	5
KUN008	100	91.5	91.08	91.92	0.08						10R4/1	10R5/4		1	5
KUN008	101	92.34	91.92	92.76	0.06						10R4/1	10R6/3		1	5
KUN008	102	93.18	92.76	93.6	0.05						10R4/2	10R6/3		1	5
KUN008	103	94.18	93.6	94.75	0.05						10R6/4	10R4/1		1	5
KUN008	104	95.33	94.75	95.9	0.03						10R7/2			3	7
KUN008	105	96.48	95.9	97.05	0.08						10R6/3	10R4/2		1	5
KUN008	106	97.63	97.05	98.2	0.05						10R7/3	10R4/1		1	5
KUN008	107	98.78	98.2	99.35	0.01						5Y7/1	10R4/1		1	5
KUN008	108	99.93	99.35	100.5	0.05						10R6/1	10R5/1		1	5
KUN008	109	100.96	100.5	101.43	0.08						5B7/1			1	5
KUN008	110	101.89	101.43	102.35	0.03						7.5YR6/2	10R7/3		1	5
KUN008	111	102.81	102.35	103.28	0.08						10R4/1	5Y7/1		1	5
KUN008	112	103.74	103.28	104.2	0.03						10YR6/6	10R4/4		1	5
KUN008	113	104.66	104.2	105.13	0						10R7/1	10R5/2		1	5
KUN008	114	105.59	105.13	106.05	0						10R7/1	10R7/2		1	5
KUN008	115	106.47	106.05	106.89	0.03						10R4/1	10R7/1		1	5
KUN008	116	107.31	106.89	107.73	0.01						10R7/1	10R5/1		1	5
KUN008	117	108.15	107.73	108.58	0.01						10R7/1			1	6
KUN008	118	109	108.58	109.42	0.03						10R5/1	10R6/1		1	6
KUN008	119	109.84	109.42	110.26	0.01						10YR7/2	10YR7/1		1	6
KUN008	120	110.68	110.26	111.1	0.01						10YR7/1			3	7
KUN008	121	111.8	111.1	112.5	0.01						10YR7/1			3	7
KUN008	122	113.2	112.5	113.9	0.08						10YR7/1			3	7

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HOLE	Row	Sample Depth (m)	To (m)	From (m)	Magnetic Susceptibility	Cumulative cm per row of core				Maximum Clast Size (mm)	Munsell Colors		Competency	Friability	Grain Size
						Clay	Pebbles	Granules	Silt		1st Color	2nd Color			
KUN008	123	114.6	113.9	115.3	0						10YR7/1	10R4/6		1	7
KUN008	124	116	115.3	116.7	0.01						10R7/1			1	5
KUN008	125	117.4	116.7	118.1	0.06						10R4/1	10R7/1		1	5
KUN008	126	118.8	118.1	119.5	0.01						10R7/1	10R4/4		1	5
KUN008	127	120.11	119.5	120.72	0.03						10R7/1	10R4/4		1	5
KUN008	128	121.33	120.72	121.93	0.03						10R7/1	10YR7/8		1	5
KUN008	129	122.54	121.93	123.15	0.01						10R6/1	10R7/1		1	5
KUN008	130	123.76	123.15	124.37	0.01						10R7/1	10R6/1		1	5
KUN008	131	124.98	124.37	125.58	0.01						10R5/3	10R7/1		1	5
KUN008	132	126.19	125.58	126.8	0.01						10R7/1			1	5
KUN008	133	127.13	126.8	127.47	0.03						10R7/1			1	5
KUN008	134	127.8	127.47	128.13	0.03						10R4/1	10R7/1		1	5
KUN008	135	128.47	128.13	128.8	0.01						10R6/2	10R5/8		1	5
KUN008	136	129.13	128.8	129.47	0.03						10R4/1	2.5Y7/1		1	5
KUN008	137	129.8	129.47	130.13	0.05						10R4/1	2.5Y7/1		1	5
KUN008	138	130.47	130.13	130.8	0.01						10R7/1	10R6/2		1	5
KUN008	139	131.22	130.8	131.63	0.06						10R4/1	10R7/1		1	5
KUN008	140	132.05	131.63	132.47	0.1						10R4/1	10R7/1		1	5
KUN008	141	132.88	132.47	133.3	0.01						10R7/1	10R5/1		1	5
KUN008	142	133.72	133.3	134.13	0.03						10R4/1	10R7/2		1	5
KUN008	143	134.55	134.13	134.97	0.05						10R4/1	10R7/1		1	5
KUN008	144	135.38	134.97	135.8	0.01						10R7/1	10R3/4		1	5
KUN008	145	136.22	135.8	136.63	0.01						10R7/1	10R4/4		1	5
KUN008	146	137.05	136.63	137.47	0.03						10R7/1	10R4/1		1	5
KUN008	147	137.88	137.47	138.3	0.03						10R7/1	10R5/1		1	5
KUN008	148	138.72	138.3	139.13	0.15						10R7/2			3	7
KUN008	149	139.55	139.13	139.97	0.03						10R4/1	10R6/1		1	6
KUN008	150	140.38	139.97	140.8	0.05						10R4/1			1	6
KUN008	151	141.23	140.8	141.65	0.03						10R7/2	10R3/4		1	6
KUN008	152	142.08	141.65	142.5	0.01						10R7/2	10R4/1		1	6
KUN008	153	142.93	142.5	143.35	0.05						10R4/1	10R7/2		1	6
KUN008	154	143.78	143.35	144.2	0.03						10R5/1	10R7/2		1	6
KUN008	155	144.63	144.2	145.05	0						10R5/3	10R7/1		1	6
KUN008	156	145.48	145.05	145.9	0.01						10R4/3	10R7/1		1	6
KUN008	157	146.31	145.9	146.73	0.01						10R4/4	10R5/1		1	5
KUN008	158	147.14	146.73	147.55	0.01						10R6/1	10R4/3		1	6
KUN008	159	147.96	147.55	148.38	0.01						10YR6/2	10R6/1		1	6
KUN008	160	148.79	148.38	149.2	0.01						10R6/4	10R4/2		1	6
KUN008	161	149.61	149.2	150.03	0						5YR7/1			1	6
KUN008	162	150.44	150.03	150.85	0.01						10R5/3	10R6/1		1	7
KUN008	163	151.26	150.85	151.68	0.01						10R7/1	10R4/3		1	6
KUN008	164	152.09	151.68	152.5	0.01						10R7/1	10R5/1		1	7
KUN008	165	152.91	152.5	153.33	0						10R7/1	10R5/1		1	6
KUN008	166	153.74	153.33	154.15	0.03						10R7/1			1	7
KUN008	167	154.56	154.15	154.98	0.01						10R7/1	10R5/1		1	7
KUN008	168	155.39	154.98	155.8	0						10R7/1	10R5/1		1	6
KUN008	169	156.22	155.8	156.63	0						10R7/1			1	6
KUN008	170	157.05	156.63	157.07	0.03						10R5/1	10R7/1		1	6
KUN008	171	157.88	157.07	158.9	0						10R7/1	10R5/1		1	6
KUN008	172	158.71	158.9	159.93	0						10YR7/1			1	6
KUN008	173	160.45	159.93	160.97	0.01						7.5YR6/3			1	6
KUN008	174	161.48	160.97	162	0.01						7.5YR7/1	7.5YR6/3		1	6
KUN008	175	162.46	162	162.92	0.03						7.5YR6/1			1	6
KUN008	176	163.38	162.92	163.83	0.01						7.5YR7/1	10R4/3		1	6
KUN008	177	164.29	163.83	164.75	0						10R6/1			1	6
KUN008	178	165.21	164.75	165.67	0.1						10R3/3	5B7/1		1	
KUN008	179	166.13	165.67	166.58	0.1						5B7/1	10R4/2		1	
KUN008	180	167.04	166.58	167.5	0.05						10B6/1	10R3/3		1	
KUN008	181	168.02	167.5	168.53	0.16						5B6/1	10R3/3		1	
KUN008	182	169.05	168.53	169.57	0.13						5BG5/1	10R4/6		1	
KUN008	183	170.08	169.57	170.6	0.06						10R3/4	5B7/1		1	
KUN008	184	171.12	170.6	171.63	0.06						10R4/4	10B7/1		1	
KUN008	185	172.15	171.63	172.67	0.13						10B5/1	10R3/4		1	
KUN008	186	173.18	172.67	173.7	0.21						10R4/4	10B6/1		1	
KUN008	187	174.04	173.7	174.38	0.1						10R3/4	5G6/1		1	
KUN008	188	174.73	174.38	175.07	0.11						10R5/1	5G7/1		1	
KUN008	189	175.41	175.07	175.75	0.05						10R5/1	5G7/1		1	
KUN008	190	176.09	175.75	176.43	0.28						5Y6/6	10R3/4		3	
KUN008	191	176.78	176.43	177.12	0.11						5G4/2	10BG5/1		1	
KUN008	192	177.46	177.12	177.8	0.13						5G5/1			1	
KUN008	193	178.26	177.8	178.72	0.13						10GY5/1	N4/		1	
KUN008	194	179.18	178.72	179.63	0.26						5G6/1	10Y3/1		1	
KUN008	195	180.09	179.63	180.55	0.18						10R3/2	5G4/2		1	
KUN008	196	181.01	180.55	181.47	0.18						5G4/2			1	
KUN008	197	181.93	181.47	182.38	0.26						5G6/2			1	
KUN008	198	182.84	182.38	183.3	0.13						5G4/1			1	
KUN008	199	183.74	183.3	184.18	0.11						5G6/1	10B7/1		1	
KUN008	200	184.63	184.18	185.07	0.35						5G4/1	10B7/1		1	
KUN008	201	185.51	185.07	185.95	0.23						5B4/1	5G6/1		1	
KUN008	202	186.39	185.95	186.83	0.15						10B4/1			1	
KUN008	203	187.28	186.83	187.72	0.33						10BG5/1	10B3/1		1	
KUN009	1	0.9	0.45	1.36	0						10YR7/6	10R4/6		1	6
KUN009	2	1.81	1.36	2.27	0						10YR7/2	10YR5/1		1	6
KUN009	3	2.72	2.27	3.18	0.01						10R7/1	10YR5/1		1	5

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Birraduk Project: Detailed Lithology and Physical Property Measurements

HOLE	Row	Sample Depth (m)	To (m)	From (m)	Magnetic Susceptibility	Cumulative cm per row of core				Maximum Clast Size (mm)	Munsell Colors		Competency	Friability	Grain Size
						Clay	Pebbles	Granules	Silt		1st Color	2nd Color			
KUN009	4	3.63	3.18	4.08	0.01						10R6/2			1	5
KUN009	5	4.54	4.08	4.99	0.01						10YR7/1			1	5
KUN009	6	5.45	4.99	5.9	0.03						10R4/1	10YR5/2		1	5
KUN009	7	6.34	5.9	6.78	0.03						10R6/2	10R7/1		1	4
KUN009	8	7.21	6.78	7.65	0.03						10R5/1	10R6/1		1	4
KUN009	9	8.09	7.65	8.53	0.01						10R6/1			1	4
KUN009	10	8.96	8.53	9.4	0.03						10R4/1	10R6/1		1	4
KUN009	11	9.84	9.4	10.28	0.05						10R5/1	10R6/1		1	4
KUN009	12	10.71	10.28	11.15	0.03						10R5/1	10R6/1		1	4
KUN009	13	11.59	11.15	12.03	0.01						10R5/1	10R6/1		1	4
KUN009	14	12.46	12.03	12.9	0.05						10R5/1	5PB3/1		1	4
KUN009	15	13.34	12.9	13.78	0.01						10R5/1	10R6/1		1	4
KUN009	16	14.21	13.78	14.65	0.01						10R5/1	10R7/1		1	4
KUN009	17	15.09	14.65	15.53	0.01						10YR6/2			1	4
KUN009	18	15.96	15.53	16.4	0						10R5/1	10R6/1		1	4
KUN009	19	16.85	16.4	17.31	0.05						10R5/1	10R6/1		1	4
KUN009	20	17.76	17.31	18.22	0.01						2.5YR5/1	10R6/1		1	4
KUN009	21	18.67	18.22	19.13	0.03						2.5YR5/1	10R6/1		1	5
KUN009	22	19.58	19.13	20.03	0.01						2.5YR5/1	10R6/1		1	4
KUN009	23	20.49	20.03	20.94	0.05						10R4/1	2.5Y7/4		1	4
KUN009	24	21.4	20.94	21.85	0.01						2.5YR5/1	10R6/1		1	4
KUN009	25	22.33	21.85	22.82	0.01						2.5YR5/1	10R6/1		1	4
KUN009	26	23.3	22.82	23.78	0.01						2.5YR4/1	10R6/1		1	4
KUN009	27	24.27	23.78	24.75	0.01						2.5YR4/1	10R6/1		1	4
KUN009	28	25.23	24.75	25.72	0						2.5YR5/1	10R6/1		1	4
KUN009	29	26.2	25.72	26.68	0.01						2.5YR5/1	2.5YR6/1		1	4
KUN009	30	27.17	26.68	27.65	0.03						2.5YR5/1	2.5YR6/1		1	4
KUN009	31	28.09	27.65	28.53	0.01						2.5YR5/2			1	4
KUN009	32	28.96	28.53	29.4	0						2.5YR5/1	2.5YR6/1		1	4
KUN009	33	29.84	29.4	30.28	0.01						2.5YR6/1	2.5YR4/1		1	5
KUN009	34	30.71	30.28	31.15	0.01						2.5YR5/1	2.5YR6/1		1	5
KUN009	35	31.59	31.15	32.03	0.01						2.5YR4/1	2.5YR4/1		1	4
KUN009	36	32.46	32.03	32.9	0.05						2.5YR4/1			1	4
KUN009	37	33.33	32.9	33.75	0.01						10YR6/1	2.5YR4/1		1	4
KUN009	38	34.18	33.75	34.6	0.1						2.5YR3/1	2.5YR5/1		1	4
KUN009	39	35.03	34.6	35.45	0.03						2.5YR6/1	2.5YR5/1		1	4
KUN009	40	35.88	35.45	36.3	0.01						5YR5/2	2.5YR5/1		1	5
KUN009	41	36.73	36.3	37.15	0.01						10YR7/4			1	4
KUN009	42	37.58	37.15	38	0.03						10YR7/4			1	4
KUN009	43	38.46	38	38.92	0.03						10YR5/1	10YR7/3		1	5
KUN009	44	39.38	38.92	39.83	0.06						2.5YR5/1			1	5
KUN009	45	40.29	39.83	40.75	0.06						2.5YR5/1			1	5
KUN009	46	41.21	40.75	41.67	0.01						2.5YR5/1	2.5YR4/1		1	4
KUN009	47	42.13	41.67	42.58	0.01						10YR6/2	N8/		1	4
KUN009	48	43.04	42.58	43.5	0.08						2.5YR5/2	2.5YR6/1		1	4
KUN009	49	43.95	43.5	44.41	0.03						10YR6/2	2.5YR3/2		1	6
KUN009	50	44.86	44.41	45.32	0.06						2.5YR4/1	10YR6/1		1	5
KUN009	51	45.77	45.32	46.23	0.06						10R4/1	10R2.5/2		1	6
KUN009	52	46.68	46.23	47.13	0.03						10R7/1	10R4/1		1	4
KUN009	53	47.59	47.13	48.04	0.01						10R6/1	10R4/1		1	5
KUN009	54	48.5	48.04	48.95	0.16						10R5/1	10R4/1		1	4
KUN009	55	49.42	48.95	49.88	0.01						10R7/1	10R6/1		1	5
KUN009	56	50.35	49.88	50.82	0.01						10R6/1	10R5/1		1	5
KUN009	57	51.28	50.82	51.75	0.06						10R4/1	10YR7/2		1	5
KUN009	58	52.22	51.75	52.68	0.05						10R5/1	10YR7/2		1	6
KUN009	59	53.15	52.68	53.62	0.03						10R4/1	10R3/1		1	6
KUN009	60	54.08	53.62	54.55	0.01						10YR6/4	10YR7/2		1	7
KUN009	61	55	54.55	55.46	0.03						10R5/1	10R3/2		1	5
KUN009	62	55.91	55.46	56.37	0.03						10YR6/2	10R5/1		1	5
KUN009	63	56.82	56.37	57.28	0.03						10R6/1	10R4/2		1	5
KUN009	64	57.73	57.28	58.18	0.01						10YR6/2			1	6
KUN009	65	58.64	58.18	59.09	0.01						10R5/1	10R6/1		1	6
KUN009	66	59.55	59.09	60	0.03						10R6/1	10R7/1		1	5
KUN009	67	60.47	60	60.93	0.03						10YR5/2	10R4/1		1	6
KUN009	68	61.4	60.93	61.87	0.01						10R6/1	10R5/1		1	5
KUN009	69	62.33	61.87	62.8	0.06						10R6/1	10R4/1		1	4
KUN009	70	63.27	62.8	63.73	0.06						10R4/1	10R7/1		1	6
KUN009	71	64.2	63.73	64.67	0.03						10YR5/2	10R4/1		1	5
KUN009	72	65.13	64.67	65.6	0.03						10R4/1	10R7/1		1	4
KUN009	73	66.05	65.6	66.5	0.01						10R4/1	10R5/1		1	5
KUN009	74	66.95	66.5	67.4	0						10R5/1	10R6/1		1	5
KUN009	75	67.85	67.4	68.3	0.03						10R4/1			1	6
KUN009	76	68.75	68.3	69.2	0.01						10R5/1	10R6/1		1	6
KUN009	77	69.65	69.2	70.1	0.01						10R6/1	10R7/1		1	4
KUN009	78	70.55	70.1	71	0.03						10R5/1	10R4/1		1	5
KUN009	79	71.45	71	71.9	0.01						10YR5/2	10R4/1		1	6
KUN009	80	72.35	71.9	72.8	0.03						10R5/1	10R3/4		1	6
KUN009	81	73.25	72.8	73.7	0.03						10R5/1	10R4/1		1	5
KUN009	82	74.15	73.7	74.6	0.13						10R4/1	10R3/1		1	6
KUN009	83	75.05	74.6	75.5	0.01						10R6/1	10R5/1		1	5
KUN009	84	75.95	75.5	76.4	0.01						10R6/1	10R4/1		1	5
KUN009	85	76.86	76.4	77.33	0.03						10R4/3	10R5/2		1	6
KUN009	86	77.79	77.33	78.25	0.05						10R4/3	10R25/2		1	5
KUN009	87	78.71	78.25	79.18	0.01						10R6/2	10R5/2		1	4

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Birrarak Project: Detailed Lithology and Physical Property Measurements

HOLE	Row	Sample Depth (m)	To (m)	From (m)	Magnetic Susceptibility	Cumulative cm per row of core				Maximum Clast Size (mm)	Munsell Colors		Competency	Friability	Grain Size
						Clay	Intracasts	Pebbles	Granules	Silt	1st Color	2nd Color			
KUN009	88	79.64	79.18	80.1	0.08						10R4/2	10R3/1		1	5
KUN009	89	80.56	80.1	81.03	0.05						2.5YR6/4			1	5
KUN009	90	81.49	81.03	81.95	0.01						10YR7/2			1	5
KUN009	91	82.39	81.95	82.83	0.03						10R6/1	10R4/2		1	5
KUN009	92	83.28	82.83	83.72	0.01						10R6/2	10YR3/3		1	4
KUN009	93	84.16	83.72	84.6	0.01						10R5/3	10R2.5/1		1	5
KUN009	94	85.04	84.6	85.48	0.01						10R4/3			1	5
KUN009	95	85.93	85.48	86.37	0.01						10R6/3			1	4
KUN009	96	86.81	86.37	87.25	0.05						10R4/2	10R6/3		1	6
KUN009	97	87.72	87.25	88.19	0.05						10R2.5/1	10R5/4		1	6
KUN009	98	88.66	88.19	89.13	0.05						10R4/1			1	6
KUN009	99	89.6	89.13	90.07	0.05						10R4/1	10R7/4		1	6
KUN009	100	90.55	90.07	91.02	0.03						10R4/1	10R6/2		1	6
KUN009	101	91.49	91.02	91.96	0.03						10R4/2			1	6
KUN009	102	92.43	91.96	92.9	0.01						10R4/2	10R5/4		1	7
KUN009	103	93.36	92.9	93.82	0.06						10R3/2	10R6/4		1	7
KUN009	104	94.27	93.82	94.73	0.06						10R3/2	10R6/4		1	6
KUN009	105	95.19	94.73	95.65	0.06						10R23			1	6
KUN009	106	96.11	95.65	96.57	0.05						10R6/2	10R4/1		1	7
KUN009	107	97.02	96.57	97.48	0.01						10R5/3	10R7/1		1	6
KUN009	108	97.94	97.48	98.4	0.01						10R5/3	10R7/1		1	6
KUN009	109	98.85	98.4	99.3	0.03						10R5/2	10R7/1		1	6
KUN009	110	99.75	99.3	100.2	0.08						10R4/2	10YR5/1		1	6
KUN009	111	100.65	100.2	101.1	0						10R4/1			1	6
KUN009	112	101.55	101.1	102	0.01						10R6/2	10R4/3		1	6
KUN009	113	102.45	102	102.9	0.05						10R5/1	10YR7/2		1	7
KUN009	114	103.35	102.9	103.8	0.03						10R5/2	10R4/1		1	6
KUN009	115	104.26	103.8	104.72	0.03						10YR7/2	10YR4/3		1	6
KUN009	116	105.18	104.72	105.63	0.01						10R5/1	10R7/1		1	6
KUN009	117	106.09	105.63	106.55	0.03						10R6/2	10R5/4		1	6
KUN009	118	107.01	106.55	107.47	0.03						10R4/1	10R7/1		1	6
KUN009	119	107.93	107.47	108.38	0.05						10R5/2	10R4/1		1	6
KUN009	120	108.84	108.38	109.3	0.01						10R6/1	10R5/2		1	6
KUN009	121	109.75	109.3	110.2	0.05						10YR7/2			1	6
KUN009	122	110.65	110.2	111.1	0.03						10R4/1	10R3/3		1	6
KUN009	123	111.55	111.1	112	0.01						10R6/1	10R4/1		1	6
KUN009	124	112.45	112	112.9	0.01						10R7/1	10R6/1		1	6
KUN009	125	113.35	112.9	113.8	0.06						10R6/3	10R4/1		1	5
KUN009	126	114.25	113.8	114.7	0.01						10R5/1	10R7/1		1	7
KUN009	127	115.14	114.7	115.58	0.03						10YR7/1	10R4/1		1	7
KUN009	128	116.03	115.58	116.47											
KUN009	129	116.91	116.47	117.35	0.03						10R6/1	10R7/1		1	6
KUN009	130	117.79	117.35	118.23	0						10R6/2	10R7/1		1	7
KUN009	131	118.68	118.23	119.12	0						10R6/1	10R7/1		1	7
KUN009	132	119.56	119.12	120	0.01						10R5/1			1	6
KUN009	133	120.44	120	120.88	0.03						10YR7/1			1	7
KUN009	134	121.33	120.88	121.77	0.01						10R5/1			1	7
KUN009	135	122.21	121.77	122.65	0.01						10R7/1	10R8/1		1	4
KUN009	136	123.09	122.65	123.53	0.01						10R6/1	10R7/1		1	4
KUN009	137	123.98	123.53	124.42	0.01						10R7/1			1	4
KUN009	138	124.86	124.42	125.3	0.01						10R6/1			1	5
KUN009	139	125.75	125.3	126.2	0.05						10R5/1	10R7/1		1	5
KUN009	140	126.65	126.2	127.1	0.01						10YR7/1	10R6/2		1	4
KUN009	141	127.55	127.1	128	0.01						10YR7/2	10R4/2		1	5
KUN009	142	128.45	128	128.9	0.03						10R7/2	10R4/1		1	5
KUN009	143	129.35	128.9	129.8	0.06						10R5/2	10R4/1		1	7
KUN009	144	130.25	129.8	130.7	0.08						10R3/1	10R4/1		1	6
KUN009	145	131.11	130.7	131.52	0.03						10R5/1	10R7/1		1	6
KUN009	146	131.93	131.52	132.33	0.05						10R3/1			1	6
KUN009	147	132.74	132.33	133.15	0.05						10R4/1	10R3/4		1	6
KUN009	148	133.56	133.15	133.97	0.03						10R4/1	10R3/1		1	7
KUN009	149	134.38	133.97	134.78	0.01						N8/	5G8/2		1	6
KUN009	150	135.19	134.78	135.6	0.15						10R3/3	2.5Y6/4		1	6