McARTHUR RIVER RESOURCE DRILLING, 2008							GEOLOGICAL LOG SHEET														GEO	Karissa Grenfell			HOLE		H15/15	Start Date:
Collar Northing		1500		Easting		7214.7		RL	10029.5	Azimuth(G)	270		Dip	-72							Total Depth	159m			Number of pages			Finish Date:
					LITHOLOGY			ALTERATION				SULPHIDES		FAULTING				GEOTECHNICAL			STRUCTURE							COMMENTS
FROM	TO	INTERVAL	COL	WTH	CODE	G	LITH	TEX	DOL	VEIN	NO	CR	CO	PY	MIN	TYPE	NAME	Q	OXJ	REC%	CORE	CUT	DEPTH	BCA	A1	OTH	D	A2	
7																													
72.53	72.92	0.39	GY	FR	LpH		H	L						W						100	NQ	1/2							Broken core @ 72.81m
72.92	72.98	0.06	GY	FR	LpH		SA	B												100	NQ	1/2							
72.98	73.16	0.18	GY	FR	LpH		H	L												100	NQ	1/2							Minor graded bed @ 73.04m
73.16	73.22	0.06	GY	FR	LpH		SA	B												100	NQ	1/2							
73.22	74.95	1.73	BL	FR	LpH		HB	L	DO	<1%				M						100	NQ	1/2							Possible tuff @ 74.24m
74.95	75.14	0.19	GR	FR	LpH		TP	B												100	NQ	1/2							2 x tuffs separated by 60mm laminated shale unit
75.14	77.83	2.69	GY	FR	LpH		SL	L	DO	<1%	W			M						100	NQ	1/2							Minor graded beds @ 75.80m and 77.04m
77.83	78.82	0.99	BL	FR	LpH		HB	L						M						100	NQ	1/2							Minor tuff @ 78.61m
78.82	78.89	0.07	GY	FR	LpH		SA	B												100	NQ	1/2							
78.89	79.03	0.14	BL	FR	LpH		HB	L						M						100	NQ	1/2							
79.03	79.26	0.23	GY	FR	LpH		SL	B												100	NQ	1/2							
79.26	79.50	0.24	GY	FR	LpH		SX	XT												100	NQ	1/2							
79.50	80.05	0.55	GY	FR	LpH		H	L												100	NQ	1/2							
80.05	83.29	3.24	GY	FR	LpH		SX	XT												100	NQ	1/2							Repeated breccia with shale intervals @ 80.33m and 81.26m
83.29	83.40	0.11	BL	FR	LpH		HB	L						S						100	NQ	1/2							
83.40	84.79	1.39	BU	FR	LpH		SX	XT						W						100	NQ	1/2							Folded breccia with graded beds and interval shale units
84.79	86.56	1.77	BL	FR	LpH		HB	L						M						100	NQ	1/2							
86.56	86.71	0.15	GY	FR	LpH		TP	B												100	NQ	1/2							Repeated tuff separated by 40mm shale unit
86.71	89.73	3.02	BL	FR	LpH		H	L	DO	<1%				W						100	NQ	1/2							Shale with silt intervals, minor graded bed @ 87.26m
89.73	90.51	0.78	GY	FR	LpH		SL	B												100	NQ	1/2							5 x graded beds @ 89.97m, 90.25m, 90.29m, 90.36m, 90.46m
90.51	94.77	4.26	BL	FR	LpH		HB	L						M						100	NQ	1/2							
94.77	95.02	0.25	GY	FR	LpH		SL	L	DO	<1%				W						100	NQ	1/2							
95.02	97.29	2.27	GY	FR	LpH		SX	XT												100	NQ	1/2							Fault zone @ 94.66m and 96.22m, broken core
97.29	99.54	2.25	BL	FR	LpH		HB	L						M						100	NQ	1/2							Graded bed @ 98.74m
99.54	100.56	1.02	GY	FR	LpH		H	L						W						100	NQ	1/2							Graded beds @ 99.63m and 100.34m
100.56	100.67	0.11	GY	FR	LpH		SX	XT						T						100	NQ	1/2							
100.67	101.85	1.18	BL	FR	LpH		HB	L						W						100	NQ	1/2							
101.85	102.40	0.55	GY	FR	LpH		SL	B						W						100	NQ	1/2							Graded bed @ 101.02m
102.40	102.81	0.41	GY	FR	LpH		SX	XT												100	NQ	1/2							
102.81	103.12	0.31	GY	FR	LpH		SL	L						T						100	NQ	1/2							
103.12	103.27	0.15	GY	FR	LpH		SA	B												100	NQ	1/2							
103.27	105.66	2.39	GY	FR	LpH		H	L						M						100	NQ	1/2							Silt intervals, minor concretions towards base of split
105.66	105.76	0.10	CR	FR	LpH		TP	B												100	NQ	1/2							
105.76	107.16	1.40	GY	FR	LpH		H	L	DO	<1%				M						100	NQ	1/2							Concretions
107.16	107.35	0.19	GY	FR	LpH		SX	XT												100	NQ	1/2							Traces of re-mobilised sphal
107.35	109.08	1.73	BL	FR	8UA		HB	L			W			M	W					100	NQ	1/2							Black chert intervals @ 107.68m, 108.91m
109.08	109.11	0.03	GY	FR	8UA		SA	B												100	NQ	1/2							
109.11	110.52	1.41	BL	FR	8LA		H	L						W	W					100	NQ	1/2							Black chert interval @109.29m, minor tuff @ 109.65m
110.52	110.84	0.32	GY	FR	I78A		SL	B												100	NQ	1/2							Graded bed @ 110.63m
110.84	111.83	0.99	GY	FR	7UA		H	L						M	M					100	NQ	1/2							Tuff @ 111.06m
111.83	113.98	2.15	GY	FR	7UA		H	L			M			W	W					100	NQ	1/2							20mm tuff @ 113.98m
113.98	114.11	0.13	BL	FR	7UA		HB	L												100	NQ	1/2							
114.11	114.22	0.11	GR	FR	7MA		TH	B												100	NQ	1/2							2 x tuffs separated by 40mm shale unit
114.22	115.68	1.46	GY	FR	7LA		H	L			S			M	T					100	NQ	1/2							
115.68	115.79	0.11	GY	FR	I67A		SL	L												100	NQ	1/2							
115.79	116.10	0.31	GY	FR	I67B		SX	B												100	NQ	1/2							
116.10	116.88	0.78	BL	FR	6UA		H	L			S			M	T					100	NQ	1/2							
116.88	117.00	0.12	GY	FR	6B		SA	B												100	NQ	1/2							Repeated graded beds with shale intervals
117.00	118.17	1.17	GY	FR	6C		H	L			W			S	W					100	NQ	1/2							
118.17	118.30	0.13	GY	FR	I56A		SL	L												100	NQ	1/2							
118.30	118.76	0.46	GY	FR	I56B		SX	B	DO	<1%				T						100	NQ	1/2							
118.76	120.76	2.00	GY	FR	5UA		H	L			M			M	W					100	NQ	1/2							
120.76	122.11	1.35	GY	FR	5UA		H	L						M	M					100	NQ	1/2							
122.11	122.21	0.10	GY	FR	5MA		TP	B												100	NQ	1/2							Puggy intervals with shale units
122.21	123.38	1.17	BL	FR	5MA		HB	L						M	M					100	NQ	1/2							Minor nodular texture in parts, tuff @ 122.77m
123.38	123.42	0.04	GY	FR	5LA		SX	B												100	NQ	1/2							
123.42	123.78	0.36	GY	FR	5LA		H	L						S	W					100	NQ	1/2							
123.78	123.88	0.10	GY	FR	I45A		SL	B												100	NQ	1/2							Graded beds @ 123.79m, 123.86m
123.88	124.18	0.30	GY	FR	I45B		SX	XT												100	NQ	1/2							
124.18	124.49	0.31	GY	FR	4UA		H	L						M						100	NQ	1/2							Graded bed @ 124.21m
124.49	124.57	0.08	GY	FR	4MA		SL	L												100	NQ	1/2							Minor coarse grain bands
124.57	125.21	0.64	GY	FR	4LA		H	L			W			M	M					100	NQ	1/2							
125.21	125.26	0.05	GY	FR	4LA		SA	B												100	NQ	1/2							
125.26	125.75	0.49	GY	FR	4LA		H	L			W			W	M					100	NQ	1/2							
125.75	125.80	0.05	GY	FR	4LB		TH	L												100	NQ	1/2							Minor soft tuff on bedding
125.80	127.35	1.55	GY	FR	4LB		H	L			W			M	W					100	NQ	1/2							
127.35	127.40	0.05	GY	FR	4LC		TP	B												100	NQ	1/2							
127.40	129.11	1.71	GY	FR	4LC		H	L			S			W	W					100	NQ	1/2							Black chert interval @ 129.07
129.11	129.14	0.03	GY	FR	4LC		TP	B												100	NQ	1/2							
129.14	130.41	1.27	GY	FR	4LC		H	L			S			M	W					100	NQ	1/2							
130.41	130.51	0.10	GY	FR	I34		SA	B												100	NQ	1/2							2 x graded bed separaated by 20mm shale
130.51	130.69	0.18	GY	FR	I34		H	L			W			S	T					100	NQ	1/2							