RED RIVER RESOURCES Ltd.

DRILL LOG SHEET

PROJECT: BLYTHE Hole No: RRN DDH2 COLLAR CO-ORDINATES: 409290E 5,442,223N

LOCATION CODE: AZIMUTH 110° INCLINATION -60° COLLAR R.L: (GDA 94)

LOCATION:

MAP/PHOTO REFERENCE:

HOLE SURVEY DATA

INSTRUMENT:

DEPTH	INSTRUMENT INCL.	INSTRUMENT AZ.	ACID ETCH INCL.	ACID ETCH AZ.	REMARKS
COLLAR					

DATE STARTED	22/1/07	HOLE SIZE		FROM	TO	TOTAL	CORE STORAGE	
DATE FINISHED	29/1/07	NON CORE					CNO OF TRAYS	
TOTAL DEPTH	111.2m						SAMPLE STORAGE	
LOGGED BY	J. KARAJAS	CORE	NQ	0	111.2m		ASSAY LAB.	AMMTEC
CONTRACTOR	LIDDS						ASSAY REPORTS	
RIG								
DRILL CREW		CASING					MIN/ & PET LAB.	
							MIN/ & PET REPORTS	
		CASING LEFT						

GRAPHIC/ LETTER SYMBOL LOGGING KEY

S S	TERTIARY SEDIMENT	M M (M)	Mt/ Cc/ Po Metasomatic alteration
H H (H)	Yellow/ green Dolomitic limestone - Host rock		Pyrrhotite - rich rock
- A	Shale Andalusite - bearing hornfels		Magnetite - rich rock
G/W	Grey/ white dolomitic limestone + magnetites	(A)	Amphibole alteration
gt	Garnetiferous dolomitic limestone + minor shales	(D)	Dolomitic
(C)	Calcite		

STRUCTURE/ ALTERATION CODE

B	BEDDING	O	OXIDATION
J	JOINTING	Po	PYRRHOTITE
C	CLEAVAGE	Mt	MAGNETITE
F	FOLIATION	Py	PYRITE
Sh	SHEARING	Cc	CALCITE
q	QUARTZ VEINS		

DRILLING SUMMARY:

Drill Hole Number RRNDDH2

DIAMOND DRILL LOG

From (METRES)	To	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates	Core Angles	Description
		3.2	0.5					0-12.2m: CLAY: Red-brown to brown, highly oxidised, strongly dispersive, low recovery w/ minor hematite
5		6.2	0.2					
		9.2	0.2					
10		12.2	0.2					
		15.2	0.6					12.2–18.2m: SHALE: Light grey, minor brown gray, strongly weathered, strongly dispersive, low recovery, minor breccia textures evident as precursor lithology.
15		18.2	0.5					
		21.2	0.7					18.2–31.7m SHALE: Grey, lightly weathered, low core recovery.
20		24.2	0.6					
25			0.7					

METRES

5

10

15

20

25

Drill Hole Number RRNDDH2

DIAMOND DRILL LOG

From (METRES)	To	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates (py)	Core Angles (B)	Description	METRES
25		25.7	0.7						
		27.2	0.6						
			0.7						
30		30.2							30
		31.7	0.4						
		33.2	1.0	33.2		1–2%		31.7–37.2m BRECCIATED SANDSTONE AND SHALE Gas milled breccia zone, light grey sandstone, dark grey shale, strongly sheared, w/ 1–2% py as veinlets and disseminated grains.	
		34.7	0.7	15119 34.7					
35		36.2	0.9	15120 36.2					35
		37.7	0.7	15121 37.7					
		39.2	1.2	15122 39.2		1–3%		37.2–40.7m BLACK SHALE w/ MINOR SANDSTONE Massive to weakly sheared, minor strong shearing, minor brecciation, 1–3% py as veinlets and diss. grains	
40		40.7	1.3	15123 40.7					40
		42.7	1.1	15124 42.5		1–3%		40.7–45.3m SHEAR ZONE: Sheared black shale with minor grey sandstone laminae and interbeds, 1–3% py as open infill veinlets and diss. grains	
		43.7	1.1	15125 43.7					
45		45.2	0.6	15126 45.2					45
		46.7	1.5	15127 46.7		1–2%		45.3–47.4m: WEAKLY SHEARED INTERLAMINATED SANDSTONE AND SHALE: weakly brecciated, carbonate lining fractures, 1–2% py as veinlets and diss. grains.	
		48.2	1.3	15128 48.2		1–2%		47.4–48.6m SHEAR ZONE as for 40.7–45.3m interval	
		49.7	1.5	15129 49.7	80°		80°	48.6–55.0m INTERBEDDED SANDSTONE AND SHALE Light grey sandstone and siltstone interbedded with black	
50									50

Drill Hole Number RRNDDH2 — **DIAMOND DRILL LOG** — Page 3 of 5

From METRES	To	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates	Core Angles	Description
50						py	B	
		51.7	2.0	15130 51.2	Δ	1–3%	80°	shale, slumped in places, minor weak shearing, green fluorite on fractures, carbonate on fractures, 1–3% py as veinlets and diss. grains, weakly brecciated.
				15131 52.7	~ ~ Δ			
		54.2	2.0	15132 54.2	~ Δ ~		80°	
55		55.2	0.7	15133 55.7	~ ~			55
		56.2	1.0	15134	~ ~	1–2%		55.0–60.5m SHEAR ZONE: Strongly sheared brecciated black shale and grey sandstone w/ 1–2% py as veinlets and diss. grains, carb. and fluorite on fractures.
		57.2	1.0	57.2	~ Δ ~			
		58.7	1.2	15135	~ ~			
60		60.2	0.4	60.2	~ Δ ~			60
			2.0	15136 61.7	Δ Δ	A		60.5–68.0m BRECCIA ZONE: Mainly tectonic breccia, minor gas milled breccia, precursor lithologies were interbedded sandstone and shale, minor shearing, relict slump structures, minor relict bedding at 80° to core axis, 1–3% py as veinlets, 1% cream carbonate as veinlets, tr green fluorite on fractures.
		63.2		15137	Δ ~			
		63.2	1.0	63.2	Δ	1–3%		
		64.2	1.0	15138 64.7	Δ Δ		80°	
65		66.2	2.0	15139 66.2	Δ Δ ~ Δ			
		67.7	1.5	15140 67.7	Δ Δ Δ			
				15141 69.2	~ Δ ~ Δ	1–2%		68.0–69.4m SHEAR ZONE As for 55.0–60.5m interval.
		69.7	2.0		~ ~			
70				15142 70.7	Δ Δ ~	2–5%		69.4–71.7m BRECCIA ZONE: Mainly gas milled breccia, 70 – minor tectonic breccia, minor relict bedding at 80° TCA, 2–5% py as veinlets, minor po in py veinlets
		71.7	1.5	15143 72.2	Δ Δ		80°	
		72.7	0.8	15144 73.7	~ Δ ~ Δ ~	1–2%		71.7–73.7m SHEAR ZONE As for 55.0–60.5m interval.
		74.2	1.5					
75				15145 75.2	Δ Δ	1–3%		75

Drill Hole Number RRN DDH2 — **DIAMOND DRILL LOG** — Page 4 of 5

From (METRES)	To	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates	Core Angles	Description (METRES)
75							B	75
		76.5	2.3	15146 76.7		py 1–3%		73.7 – 85.1m VARIABLY BRECCIATED TO BEDDED SANDSTONE AND SHALE
				15147			80°	Interbedded grey sandstone and black shale ranging from bedded at 80° TCA to brecciated, mainly tectonic breccia, weak gas-milled breccia in places, minor shearing in places, 1–3% py as veinlets with 80– minor po, 1% brown carbonate on fractures, tr green
		78.3	2.0	78.2				fluorite on fractures.
				15148				
		80.2	1.7	79.7				
80		80.7	0.6	15149 81.2				
		81.7	0.7					
				15150			80°	
		83.2	1.6	82.7				
				15151				
		84.7	0.9	84.2				
85		85.2	0.7	15152 85.7				85
								85.1 – 85.5m: SHEAR ZONE As Above
		86.2	0.3					
		87.2	1.0	15153 87.2		3%	30°	85.5 – 89.3m VARIABLY BRECCIATED TO BEDDED SANDSTONE AND SHALE: As for the 73.7 – 85.1m interval.
				15154			80°	
		89.2	1.9	88.7				
				15155		1–3% py		89.3 – 91.0m SHEAR ZONE As Above
90		90.7	0.5	90.7				90
		91.2	0.9					
				15156				
		92.2	0.6	92.2			30°	91.0 – 96.7m VARIABLY BRECCIATED TO BEDDED SANDSTONE AND SHALE as for 73.7 – 85.1m interval, minor slump structures in places, Bedding TCA ranges 30–80°.
		93.7	1.7	15157 93.7		1–3%		
				15158				
95		95.2	1.4	95.2			80°	95
		96.7	1.5	15159 96.7				
				15160				96.7 – 110.5m SHEAR ZONE with minor less sheared to blocky interbedded sandstone and shale displaying slump structures and weak tectonic brecciation.
		98.2	1.5	98.2		3%		1–3% py/marasite on fractures.
		98.8	10.6					
				15161				
100			0.7					100

Drill Hole Number RRN DDA2

DIAMOND DRILL LOG

From (METRES)	To	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates	Core Angles	Description
100		100.7		100.7		py		96.7–110.5m interval continued.
			1.8	15162				
	102.6			102.7				
		103.7	1.1	15163				
				103.7				
				15164				
105		105.2	0.8	105.2				105
				15165				
		106.7	1.1	106.7				
		108.2	0.1					
		109.7	0.2	15166				
110								110
		111.2	0.8	110.7				
				15167	SK.			110.5–111.2m SKARN ALTERED SANDSTONE
				111.2				E.O.H. @ 111.2m.