RED RIVER RESOURCES Ltd.

DRILL LOG SHEET

PROJECT: BLYTHE Hole No: RRN DD4 COLLAR CO-ORDINATES: 409,135E 5,442,440N

LOCATION CODE: INCLINATION: VERTICAL COLLAR R.L: (GDA94)

LOCATION:

MAP/PHOTO REFERENCE:

HOLE SURVEY DATA

INSTRUMENT:

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

DATE STARTED	6-12-06	HOLE SIZE		FROM	TO	TOTAL	CORE STORAGE	
DATE FINISHED	13-12-06	NON CORE					CNO OF TRAYS	
TOTAL DEPTH	151.7m						SAMPLE STORAGE	
LOGGED BY	J. KARAJAS	CORE	NQ	0	151.7m		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
- H H (H) — Yellow/ green Dolomitic limestone - Host rock
- - A — Shale Andalusite - bearing hornfels
- G/W — Grey/ white dolomitic limestone + magnetites
- gt — Garnetiferous dolomitic limestone + minor shales
- M M (M) — Mt/ Cc/ Po Metasomatic alteration
- Pyrrhotite - rich rock
- Magnetite - rich rock
- (A) — Amphibole alteration
- (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 RRNDDH4

DIAMOND DRILL LOG

From (METRES)	To	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates	Core Angles B	V	F	Description (METRES)
1		1.0								0–22.7m: SHALE, Highly bleached (light grey), to dark brown heavily oxidised and very dispersive in water.
	3.2									
5		0.7								
	6.2									
		0.1								
	9.2									
10										
		0.3								
15										
	18.2									
		0.7								
20	21.2									
	22.7	0.3		22.7						
	24.2	1.2		15001 23.8			60°			22.7–25.7m INTERBEDDED SANDSTONE AND SHALE lightly to moderately oxidised w/ approx. 5% black blebby iron oxides.
25		0.5		15002						

Drill Hole Number RRN DDA 4

DIAMOND DRILL LOG

From (METRES)	To (METRES)	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates py	Core Angles B	Core Angles V	Core Angles F	Description
25		25.7		25.7						
		27.2	0.4	15003 27.2	Highly broken core					25.7–34.0m: INTERBEDDED SANDSTONE AND SHALE. Lightly oxidised, highly broken with low core recovery, light grey interbedded sandstone and shale.
		28.7	1.0	15004 28.7						
		29.5	0.5	15005						
30		30.2	0.2	30.2	Probable Shear Zone					30
		31.7	0.5	15006						
		33.2	0.4	33.2						
		34.7	1.2	15007 34.7						
35		36.2	0.6	15008 37.0	Δ Δ Δ Δ Δ Δ					34.0–37.0m: BRECCIA ZONE Brecciated black shale dark grey, graphitic, w/ 5–10% py as fracture and open space infill. Broken core w/ low core recovery. 35
		37.7	1.3							
		39.2	0.7	15009 39.2						37.0–39.3m: INTERBEDDED SANDSTONE AND SHALE: grey, weakly brecciated w/ 2–5% py/marcasite as veinlets and diss. grains. Broken core—weakly sheared.
40		40.7	1.0	15010 40.7			60°			39.3–44.6m: INTERBEDDED SANDSTONE AND SHALE: 40 Light grey sandstone, dark grey shale w/ 1–2% py/marcasite as veinlets, tr green fluorite on fractures. Dominant bedding to core axis is 60°, up to 30° at bottom of section.
		42.7	1.6	15011 41.7 15012 42.7			60°			
		43.7	1.5	15013 43.7			30°			
		45.2	1.4	15014 44.7						
45		46.7	1.4	15015 45.7 15016 46.7	Δ Δ Δ Δ					44.6–48.9m: BRECCIA ZONE: Brecciated sandstone and shale w/ 2–5% py/marasite as veinlets and open space infill, tr fluorite on fractures, tr po. 45
			2.5	15017 47.7 15018 48.7	Δ Δ Δ Δ					
		49.7		15019 49.7			60°			48.9–53.1m: INTERBEDDED SANDSTONE AND SHALE as per 39.3–44.6m interval, minor brecciation.
50				15020						50

Drill Hole Number RRNDDH4 — **DIAMOND DRILL LOG** — Page 3 of 7

From (METRES)	To	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates Py	% Estimates Fl	Core Angles B	Core Angles V	Core Angles F	Description
50		51.2	1.7	15020 50.7	Δ Δ	1	1	60–70°			1–5% pyrite/carb. as veinlets. Tr green fluorite along fracture planes.
				15021 51.7		1					
			1.7	15022 52.7		1	1				
		53.2		15023 53.7	Δ Δ Δ	1	1				53.1 – 54.1m BRECCIA ZONE Gas milled, black shale frags w/ 1–2% py/carb as veinlets.
		54.2	0.8	15024 54.7		1					
55		55.2	1.0	15025 55.7		V	1	60°			54.1 – 56.9m INTERBEDDED SANDSTONE AND SHALE, colours as above, bedding TCA 60° grading there to 20° at bottom of section, 1–3% py/carb as veinlets and blebs, tr green fluorite on fractures.
			2.2	15026 56.7		1	1	30°			
		57.2		15027 57.7	Δ Δ Δ	1					56.9 – 58.0m BRECCIA ZONE w/ 1–3% py/carb as veinlets and blebs.
			2.0	15028 58.7		1					58.0 – 59.2m: SANDSTONE: massive to weakly brecciated w/ 1–2% py/carb as veinlets.
		59.2		15029 59.7	Δ	1					
60				15030 60.7	Δ Δ Δ	1	1				59.2 – 60.5m: BRECCIA ZONE: dominantly SST frags w/ minor black shale 1–3% py as veinlets tr green fluorite on fractures.
			2.5	15031 61.7		1	1				
		61.7		15032 62.7	S	1	1	60°			60.5 – 62.7m SANDSTONE with SHALE interbeds slumped in part, 1–3% py/carb as veinlets, tr green fluorite.
			3.0	15033 63.7	Δ Δ Δ	1					62.7 – 63.7m BRECCIA ZONE w/ 1–3% py/carb as veinlets
		64.7		15034 64.7			1	60–70°			63.7 – 70.3m: INTERBEDDED SANDSTONE AND SHALE, Thinly bedded w/ bedding planes TCA usually 60–70°. Minor brecciation in places. 1–2% py as veinlets, mostly parallel to bedding.
65				15035 65.7	Δ						
		66.2	1.5	15036 66.7							
				15037 67.7	Δ		1				
			3.0	15038 68.7				60–70°			
		69.2		15039 69.7	Δ		1				
70			2.0	15040 70.7							
		71.2		15041 71.7		1					70.3 – 82.7m: SANDSTONE Weakly brecciated w/ minor black shale interbeds, minor slump structures. 1–2% py as veinlets and blebs tr green fluorite along fracture planes.
				15042 72.7	Δ S	1	1				
		73.7	2.7	15043 73.7		1					
				15044 74.7	Δ	1	1				
75			2.7			1					

Drill Hole Number RRNDDH 4 — **DIAMOND DRILL LOG** — Page 4 of 7

From (METRES)	To	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates py	qtz	fl	po	Core Angles B	V	F	Description
75				15045 75-7									70.3-82.7m interval continued.
		76.7		15046 76.7	A	1		1					
				15047 77.7		1							
			3.0	15048 78.7	A								
		79.7		15049 79.7	S S								
80						1		1					
		81.2	1.7			1							
					A								
			2.1	82.7									
		83.4		15050 83.7	A A A	1		/					82.7-85.4m BRECCIA ZONE 2-3% carbonate as veinlets, 1% py as veinlets, tr po, tr green fluorite along fractures.
				15051 84.7	A A								
			2.0		A A A	1							
85		85.5		15052 85.7	A A								
				15053 86.7	/ A /	1		/		/			85.4-90.7m: INTERBEDDED BLACK SHALE AND SANDSTONE Dominantly w/ bedding TCA of 30°. 1-3% py/po/ carb. veinlets, weakly brecciated in places, minor weak skarn alteration, tr fluorite on fractures.
		87.2	1.7	15054 87.7	/ /	1		/		/			
				15055 88.7	/ SK /	1		/		30°			
		88.7	1.4	15056 89.7	/ /	1		/		/			
90		90.3	1.4	15057 90.7	/ A /	1		/		/			
		91.7	1.3	15058 91.7	≈≈≈	1		/	·				90.7-92.6m SHEAR ZONE WITH QUARTZ VEINING AND PYRITE Up to 10% stockwork quartz, 5-15% py, minor blebby po, tr cp, minor skarn minor bleaching, blebby py is open space infill.
		92.7	0.9	15059 92.7	≈≈≈	1		/	·				
				15060 93.7	A A	·			·				92.6-93.2m BRECCIATED BLACK SHALE W/ 1-2% py veinlets
			2.2		/ SK	·			·				93.2-99.1m SILICIFIED TO WEAKLY SKARNITISED SANDSTONE Weakly brecciated in places, dominant bedding TCA 95 is 20°, weakly carb. veined, 1-2% py/po as veinlets and disseminated grains to blebs, green fluorite on fractures near base of section.
		94.7		15061 94.7	/ SK	·			·				
95				15062 95.7	/	·		/	·				
			3.0	15063 96.7	A	·			·	20°			
		97.7		15064 97.7	SK A	·		/	·				
				15065 98.7	/ /	·		/	·				
			3.0		/ /	·		/	·				
				15066 99.7	A A A A	1							99.1-99.9m BRECCIATED BLACK SHALE AND SANDSTONE W/ 1-2% py/marcasite as veinlets.
100													

Drill Hole Number RRNDDH4 — **DIAMOND DRILL LOG** — Page 5 of 7

From (METRES)	To	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates po	py	fl	asp	Core Angles BV	F	Description (METRES)
100		100.7		15067 100.7		f	f					99.9–101.7m SILICIFIED SANDSTONE WITH MINOR SKARN
				15068 101.7								Weakly frac. w/ 1–5% py/po as blebs, veinlets and diss. grains
			3.0	15069 102.7	SK							101.7–103.7 SKARN WITH SEMI MASSIVE PYRRHOTITE
		103.7		15070 105.7	SK							Wholly textured with large blebs and diss. grains of po, py and fluorite as veinlets
				15071 104.7						80–90°		103.7–105.6m SILICIFIED SANDSTONE AND BRECCIATED BLACK SHALE
105			3.0	15072 105.7								1–2% py/marasite as veinlets, tr blebby po, trace cp, minor fluorite 105
		106.7		15073 106.7	SK			tr		80–90°		105.1–108.6m SKARN w/ relict bedding 80–90° TCA.
				15074 107.7								1–5% blebby po at top of section, tr euhedral arsenopyrite, veinlets of fluorite.
			2.8	15075 108.7	SK							
		109.7		15076 109.7	SK							108.6–112.1m: SILICEOUS SKARN Light green grey, wholly textured with minor carb. vein stockwork, 2–3% po as disseminations in clots, tr euhedral arsenopyrite.
110				15077 110.7				tr				
			3.0	15078 111.7	SK							
		112.7		15079 112.7		tr						112.1–113.1m: CRACKLE TEXTURED ROCK: Fractured and silicified w/ 1–3% py as veinlets, tr po, tr asp.
				15080 113.7								113.1–115.1m: SILICEOUS BLACK SHALE AND SANDSTONE:
			2.9	15081 114.7				tr				Lightly fractured w/ 1–3% biotite/quartz/py/po veins
115		115.7		15082 115.7								Tr cp and asp. 115
				15083 116.7								115.1–116.1m CRACKLE TEXTURED ROCK w/ qtz/po veinlets
			3.1	15084 117.7								116.1–142.2m: SILICIFIED SANDSTONE WITH STOCKWORK
		118.7		15085 118.7								VEINING: Dark grey greywacke with minor shale interbeds
				15086 119.7								Minor crackle texture and brecciation near top of section.
120			3.0	15087 120.7				tr		15–20°		Dominant bedding TCA is 15–20°. 120
		121.7		15088 121.7								1–2% Stockwork qtz/po/py veinlets with minor arsenopyrite.
				15089 122.7								Minor disseminated po (1–2%) as blebs and grains in places.
		123.9	2.1	15090 123.7								
125			2.3	15091 124.7								125

Drill Hole Number RRNDDH4

DIAMOND DRILL LOG

From (METRES)	To	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates po	% Estimates py	% Estimates asp	Core Angles B	Core Angles V	Core Angles F	Description
125												SILICIFIED SANDSTONE (continued) Below 125m bedding TCA is dominantly 60°.
		126.2		15092 125.7								
				15093 126.7								
			3.0	15094 127.7								
				15095 128.7								
		129.2		15096 129.7					60°			
130												130
			3.0	15097 130.7								
				15098 131.7								
		132.2		15099 133.7								
				15100 133.7								Massive sandstone section below 133m
			3.0	15101 134.7				tr				
135		135.2		15102 135.7								135
				15103 136.7								Minor blue-grey manganese staining on fractures.
		137.2	1.7	15104 137.7								
		138.7	1.5	15105 138.7								
				15106 139.7								
140			2.7	15107 140.7								140
		141.2		15108 141.7								
		142.7	1.4	15109 142.7	XXX		X				X	142.2–143.0m CRACKLE TEXTURED ROCK: Light cream-grey highly fractured w/ minor py/marcasite
				15110 143.7								143.0–144.1m SILICIFIED SKARN Mottled cream and green with 1–10% po as blebs, 1% py, minor qtz veining.
			3.0	15111 144.7								
145		145.7		15112 145.7								144.1–146.3m: CRACKLE TEXTURED ROCK: Light cream grey highly fractured and silicified w/ 2-3% qtz/py/marcasite/po veinlets. 145
				15113 146.7								
			2.9	15114 147.7								146.3–148.1m: SILICIFIED SANDSTONE w/ 5% qtz/po veinlets.
		148.7		15115 148.7	XXX						X	148.1–149.0m CRACKLE TEXTURED ROCK w/ po/py veinlets
150			3.0	15116 149.7					80-90°			149.0–151.7m SILICIFIED SANDSTONE AND SHALE light to dark grey, thinly interbedded w/ bedding TCA 80-90° 150

Drill Hole Number RRWDDA4

DIAMOND DRILL LOG

From (METRES)	To	Inter. (m)	Core Rec'd	Sample N°	Graphic Log	% Estimates Po	% Estimates Py	Core Angles B	Core Angles V	Core Angles F	Description (METRES)
150				15117 15207		+	+		80-90°		Weakly fractured w/ qtz/Po/Py veinlets parallel to bedding, tr cp.
		151.7		15118 151.7							

END OF HOLE 151.7 m.