

RED RIVER RESOURCES Ltd.

DRILL LOG SHEET

Project: BLYTH

Hole No: KND 004

Collar Co-Ordinates: 402512 E JMB494
542530 N

Location Code: KND

Azimuth: 90

Inclination: -60

Collar RL: 542 m

Location: <u>KARA NORTH</u>	Date Started	<u>24/05/09</u>	Hole size	From	To	Total	Core Storage	<u>10 PEARL ST</u>	
	Date Finished	<u>28/05/09</u>	Non Core				CNO of Trays		
	Total Depth	<u>17.5</u>					Sample Storage	<u>10 PEARL ST</u>	
	Map/Photo Reference:	Logged By	<u>KUS</u>	Core	<u>HQ</u>	<u>0</u>	<u>54.4</u>	Assay Lab	<u>BURNIE LAB</u>
		Contractor	<u>EDRIL</u>		<u>NQ</u>	<u>54.4</u>		Assay Reports	
Hole Survey Data			Rig	<u>ATLASCO</u>			Min/ & Pet Lab		
Depth	Instrument		Acid Etch		Drill Crew	Casing			Min/ & Pet Reports
	INKL.	AZ.	INKL.	AZ.					
Collar	<u>0</u>								
					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

GW Grey/ white dolomitic limestone + magnetites

gt Garnetiferous dolomitic limestone + minor shales

M M (M) Mn/ 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 Veinz | |

Drilling Summary:

Drill hole No: KND004

DIAMOND DRILL LOG

Page 4 of 9

From	To	Inter. (m)	Core Rec'd	Sample No	Graphic Log	% Estimates				Core Angles				Description	
						MT	LI	GT	HM	B	V	F	J		
0	2.5	0.5	20%	↑	0° 270°										(0-2.5) <u>RESIDUAL SOIL</u> : DARK BROWN - YELLOWISH, SOFT-CLAY AND PLANT ROOTS. AND MAGNETITE RUBLES, VERY HEAVILY OXIDISE. MAGNETITE WEATHERED TO LIMONITE.
				8712	10%										
2.5	8.1	5.6	69.9%	↓											(2.5-8.1) <u>RESIDUAL SOIL</u> : YELLOWISH - PATCHY RED ON THE TOP. SOFT HEAVILY OXIDISED, CLAY SOME PATCHY WITH SOFT CLAY POSSIBLY SERPENTINE.
				8713											
				8714											
				8715											
				8716											
				8717											
8.1	9.9	1.8	100%	↓											
				8718											
				8719											
9.9	11.4	1.5	66.69%	↑											
				8720											
11.4	14.9	3.5	100%	↓											
				8721											
				8722											
				8723											
				BASE OF OXIDATION											

5

10

15

Drill hole No: KND004

DIAMOND DRILL LOG

Page 2 of 9

From	To	Inter. (m)	Core Rec'd	Sample No	Graphic Log	% Estimates			Core Angles				Description	
						MT	LI	GE	B	V	F	JT		
14.9	17.5	2.7	40	↑										14.9-17.5) <u>DIOPSITE - MAGNETITE SKARN</u> GREENISH - BLACK, MEDIUM - SOFT CORE WITH MAGNETITE 0-2%. STRONGLY OXIDISED. SOME ALTERED TO LIMONITE. GREEN MINERAL POSSIBLY DIOPSITE SOME / STRONGLY ALTERED TO CLAY GREEN CLAY. SOME CORE HAVE WHITE PATCHY MINERAL POSSIBLY SERPENTINITE & CLORITE.
				8724										
17.5	19.7	2.2	100	↓										17.5-19.7) <u>GARNET - EPIDOTE SKARN</u> : BROWN - LIGHT BROWN, MASSIVE, LOTS OF FRACTURES FILLED WITH CLORITE & QUARTZ, AND SOME WHITE MINERAL FILLED BETWEEN CRACKS, RUBBELY. SOFT - MED SILKY LUSTER, POSSIBLE MAGNETITE. ONLY FEW CORES CONTAIN MAGNETITE. SOME HAVE GAS FILLED STRUCTURE AND BRECCIATED LOOK.
				8725										
				8726										
19.7	22.7	3	100	↓										19.7-23.4) <u>DIOPSITE - AMPHIBOLES - SKARN</u> : DARK BROWN - BLACK, LOTS OF FRACTURED FILLED WITH WHITE SILKY LUSTER, RUBBELY. REACTION WITH HYDROCHLORIC ACID - PATCHY DARK GREEN; SOFT MINERAL AMPHIBOLE ALTERED INTO CLAY AND SOME DISSEMINATED MAGNETITE.
				8727										
				8728										
				8729										
				8730										
22.7	24.7	2	100	↓										22.7-24.7) <u>AMPHIBOLE SKARN</u> : DARK GREEN SEMI MASSIVE, STRONG OXIDISE. WITH PATCHY WHITE CLORITE AND DOLOMITE.
				8731										
24.7	27.4			↓										24.7-27.4) <u>GARNET - EPIDOTE SKARN</u> : BROWN - LIGHT BROWN. MASSIVE WITH PATCHY MAGNETITE. SOME FRACTURE FILLED WITH WHITE SILKY CREAM MINERAL, MEDIUM HARD, POSSIBLE MAGNETITE AND SOME FILLED WITH TRANSPARENT WHITE CALCITE. ALSO APPEARED MINERAL DIOPSITE VERY PATCHY TOO.
				8732										
				8733										
				8734										
27.4	29.5			↓										27.4-29.5) <u>SKARN</u> : - <u>DIOPSITE SKARN</u> DARK GREEN, SOFT, RUBBELY, STRONGLY WEATHERED TO CLAY, LOTS OF INFILLED WITH CARBONATE.
		2.2	100%	8735										
				8736										
29.5	30.2	0.7m	100%	↓										29.5-30.2) <u>DIOPSITE - SKARN</u> : DARK GREEN - BLACK, MASSIVE WITH DISSEMINATED MAGNETITE & HEMATITE. LOTS OF FRACTURES FILLED WITH CALCITE.
				8737										

Drill hole No: KND004

DIAMOND DRILL LOG

Page 3 of 9

From	To	Inter. (m)	Core Rec'd	Sample No	Graphic Log	% Estimates			Core Angles				Description
						MT	AP	EP	B	V	F	J	
30.2	32	2.2	100	8738	[Handwritten Log]	100	70	20					30.2-32) <u>DIOPSITE-AMPHIBOLE SKARN</u> : BLACK-DARK GREEN, MASSIVE WITH DISSEMINATED DIOPSITE WITH 20-30% MAGNETITE, DOMINANT MINERAL DARK-GREEN OF AMPHIBOLE, SOME AREA WITH PATCHY DIOPSITE AND THIN VEIN OF CLOPITE 20-30° ACROSS THE AXIAL CORE
				8739	[Handwritten Log]								
32	40.2	8.5		8740	[Handwritten Log]								(32-40.2) <u>DIOPSITE-MAGNETITE SKARN</u> : BLACK-DARK GREEN, CREAMY WHITE MASSIVE CORE SEMI FRESH SOME AREA HAVE VUGGY STRUCTURE, AND VERY FINE FRACTURE ACROSS AXIAL CORE FILLED WITH CLOPITE. 31.5-37.2m THE CORE IS DOMINANT WITH DIOPSITE-MAGNETITE (37.2-37.7) ± 0.5m MASSIVE MAGNETITE WITH 60-70% DISSEMINATED FINE GRAINS MAGNETITE. ALSO FOUND YELLOWISH-AMBER COLOUR OF SIDERITE ?? SCATTERED IN THE CORE
				8741	[Handwritten Log]								
				8742	[Handwritten Log]								
				8743	[Handwritten Log]								
				8744	[Handwritten Log]								
				8745	[Handwritten Log]			30					
				8746	[Handwritten Log]			20					
				8747	[Handwritten Log]								
40.2	41.2	1	100%	8748	[Handwritten Log]								40.2-41.2) <u>AMPHIBOLE-DIOPSITE SKARN</u> . DARK-GREEN-LIGHT CREAM, FRESH MASSIVE WITH DISSEMINATED MAGNETITE W/ 20% MAGNETITE AND DIOPSITE
41.2	56		100%	8749	[Handwritten Log]								41.5-56m) <u>DIOPSITE MAGNETITE SKARN</u> DARK-GREEN, LIGHT GREEN, DARK GRAY-BLACK FRESH, MASSIVE W/ DISSEMINATED MAGNETITE, 40-70%, THE COMPOSITION OF MAGNETITE VARY TOWARD THE BASE. FROM THE TOP, PATCHY MAGNETITE AND DIOPSITE, AND IN THE MIDDLE AROUND (47.50m) INCREASING OF MAGNETITE AND AT THE BOTTOM 50-55m ALMOST MAGNETITE RICH WITH FINE GRAIN AND FEW SPOT COARSE GRAIN.
				8750	[Handwritten Log]								
				8751	[Handwritten Log]			70%					
				8752	[Handwritten Log]			40-70%					

Drill hole No: KND004

DIAMOND DRILL LOG

Page 4 of 9

From	To	Inter. (m)	Core Rec'd	Sample No	Graphic Log	% Estimates				Core Angles				Description	
						MT	EP	DP	AM	B	V	F	J		
				↓ 8753										(415-56m) DIOPHASE - MAGNETITE SKARN CONTINUED	
				X 8754											
				X 8755											
				X 8756											
				X 8757											
				X 8758											
				X 8759											
				X 8760											
				X 8761											
				X 8762											
56	98.5	32.5	100%	X 8763											(56-98.5) MAGNETITE RICH SKARN DARK GRAY - BLACK - PATCHY WHITE - LIGHT GREEN FRESH CORE, MASSIVE, FEW WEATHERINGS ALONG THE FRACTURE WITH DARK BROWN - RED POSSIBLE LIMONITE. AND ALSO WHITE MILKY CALCITE & QUARTZ THE CORE DOMINATED WITH BLACK - DARK GRAY FRESH, METALLIC LUSTER WITH 50-70% MAGNETITE WITH PATCHY LIGHT GREEN SCATTERED ALMOST EQUAL SIZE PATTERNS
				X 8764											
				X 8765											
				X 8766											
				↓											

30-70%

90%
50-70%

Drill hole No: KND004

DIAMOND DRILL LOG

Page 6 of 9

From	To	Inter. (m)	Core Rec'd	Sample No	Graphic Log	% Estimates			Core Angles				Description		
						MT	DP	EP AM	B	V	F	J			
				8782	[Vertical Line]									MAGNETITE RICH SKARN CONTINUED	
				* 8783											
				8784											
				* 8785											
				* 8786											
				* 8787											
				* 8788											
				* 8789											
				* 8790											
				* 8791											
<p>GOTO NEXT PAGE 85-90</p>															

85-90

Drill hole No: KN0054

DIAMOND DRILL LOG

Page 7 of 9

From	To	Inter. (m)	Core Rec'd	Sample No	Graphic Log	% Estimates			Core Angles				Description	
						MT	EP	DP	B	V	F	J		
				8792	[Hatched Area]									MAGNETITE RICH SKARN CONTINUED 80-83m: coarse grain magnetite WITH DISSEMINATED DIOPSIDES.
				X										
				8793										
				X										
				8794										
				X										
				8795										
				X										
				8796										
				X										
				8797										
				X										
				8798										
				X										
				8799										
				X										
				8800										
				X										
				8807										
				X										
				8808										
				X										
				8809										
				X										
				8810										
				X										
				8811										
985	99	05m	100%	8812										DIOPSIDIC SKARN: DARK GREEN-MASSIVE, PATCHY FINE MAGNETITE, 51%
				8813										

90-05

90

95

