

## BOLT PROPERTY

Grid East	Grid North	Easting	Northing	Elev. (m)	Depth (m)
4+75E	8+00N	446196	6819598	1525	39.93

**ZONE:** \_\_\_\_\_

SECTION:

**HOLE: BOLT-10-02**

**CLAIM:** Bolt 3 YC73900

Contractor: Top Rank Diamond Drilling Ltd

Drill: JKS-300

Core size: NTW & BTW

Casing depth: 4.18 (m) in / out

Drilling dates: July 19th to July 21st, 2010

Geology logged by: Oliver Fu

[illegible]

**TARGET:**

[illegible]

<b>SAMPLES</b>
Numbers: J981512 to J981526
Total: 15
Batch: <u>1, 2</u>
Date Sent: <u>October 15, 2010</u>
Certificate: WH10150448, WH10150449

COMMENTS	

# GEOLOGY LOG

HOLE: BOLT-10-02

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION					MINERALS					Photo	DETAILED DESCRIPTION			
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency/	Oxidation	Jasper	Epidote		Type	Other	Pyrite			Type			Other	Other	
																									Type	Intensity	Type
0.00	4.18	4.18				CAS																					Casing. 12 cm recovered. Rounded fragments. One dark clast is weakly malachite stained.
																											Medium to dark green, poorly sorted, hard, heterolithic breccia. Oxidized on fractured surfaces, locally pervasive. Manganese staining occurs alongside limonite on fractures. Weak local foliation. Clasts are between 0.2 to 6 cm wide. Matrix supported, locally clast supported. Moderately silicified. Trace malachite and chalcocite on a fractured surface. Note: From 4.18 to 6.5 m, not a clean volcanic breccia. Remnant flow textures are observed. This unit is relatively equivalent to the top of BOLT-10-01, although it has undergone significant alteration.
4.18	27.73	23.55				BXA							s				SIL	m					Mc	t			
																							Cc	t			
			4.47	4.48	0.01																		Mc	t			Trace malachite and chalcocite on a fractured surface.
																							Cc	t			
			14.55	14.75	0.20								w		m		K	w									Epidote pulse accompanied by a light pink, potassic overprinting of the light green breccia. Remnant clasts are still visible although intensely altered.
																	SIL	m									
			14.75	15.10	0.35																						Light tan-green, matrix supported volcanic flow(?). Appears to have originally been a rhyolitic flow. Dark green, rounded, altered, soft crystals suspended in the matrix. These crystals may have been pyroxenes or quartz eyes(?)
			17.07	18.59	1.52																						Cave with small rounded pebbles
			18.59	18.90	0.31	BXA							s				CLY	i									Intensely clay altered, crumbly, light green breccia. Intensely oxidized and mushy.
			18.90	27.73	8.83								m	s	m												Dark maroon to brown, jasper and epidote alterec breccia. Moderately to strongly oxidized. Clasts are altered and only a faint outline remains. Locally rubbly. Few white quartz veins range in size between 1 to 2 cm. Few zones contain crystalline epidote.
			24.00	24.69	0.69								s				CLY	i									Light brown, mushy, intensely clay altered and oxidized zone.

# GEOLOGY LOG

INTERVAL			SUB-INTERVAL			LITHOLOGY			STRUCTURE				ALTERATION						MINERALS						Photo	DETAILED DESCRIPTION
From (m)	To (m)	Interval (m)	From (m)	To (m)	Interval (m)	Unit	Modifier	Texture	Type	Attitude (tca)	Attitude (tfa)	Density (frequency)	Oxidation	Jasper	Epidote	Other		Pyrite			Other		Other			
																Type	Intensity				Type	Intensity				
27.73	39.93	12.20				CHT							w	w	w		SIL	s								Maroon, aphanitic chert with local quartz flooded zones. Interval has undergone weak epidote and jasper overprinting. Cherty crystals are found within quartz veins. Epidote alteration is pervasive. Entire zone is rubbly.
			33.40	33.83	0.43	CHT							s													Strongly oxidized
			34.00	34.50	0.50	CHT							i													Intensely oxidized and crumbly chert
EOH																										

## Sample Log

Hole: BOLT-10-02

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	Sample	Batch	Au (g/t)	Ag (g/t)	Cu (ppm)	Pb (ppm)	Zn (ppm)	Comments
4.18	6.40	2.22	2.12	95	J981512	1	<0.005	<0.2	373	4	70	
6.40	9.45	3.05	2.95	97	J981513	1	<0.005	<0.2	340	3	196	
9.45	12.50	3.05	3.05	100	J981514	1	<0.005	<0.2	225	<2	244	
12.50	14.82	2.32	2.30	99	J981515	2	<0.005	0.2	73	3	126	
14.82	17.07	2.25	1.60	71	J981516	2	<0.005	<0.2	70	2	337	Cave between 17.07-18.59 m. Recovery: small rounded pebbles, unrelated to interval.
18.59	21.05	2.46	1.90	77	J981517	2	<0.005	<0.2	74	2	298	
21.05	24.00	2.95	2.00	68	J981518	2	<0.005	<0.2	70	<2	227	Intensely oxidized
24.00	24.69	0.69	0.69	100	J981519	2	<0.005	<0.2	34	<2	198	
-	-	-	-	-	J981520	2	2.150	14.3	5000	241	13250	Standard CDN-ME-2
24.69	27.73	3.04	2.75	90	J981521	2	<0.005	<0.2	61	2	285	
27.73	30.78	3.05	2.55	84	J981522	2	<0.005	<0.2	51	3	83	
30.78	34.00	3.22	2.60	81	J981523	2	<0.005	0.7	50	2	203	
-	-	-	-	-	J981524	2	<0.005	<0.2	2	3	19	Blank
34.00	34.50	0.50	0.42	84	J981525	2	<0.005	<0.2	120	4	1615	Intensely oxidized
34.50	35.15	0.65	0.65	100	J981526	2	<0.005	0.2	41	4	81	

## GEOTECHNICAL LOG

HOLE: BOLT-10-02

From (m)	To (m)	Interval (m)	Recovery (m)	Recovery (%)	RQD (m)	RQD (%)	Hardness	Weathering	Comments
0.00	6.40	6.40	1.41	22	0.42	7		SW	
6.40	9.45	3.05	3.00	98	2.60	85		FR	
9.45	12.49	3.04	3.02	99	2.55	84		FR	
12.49	15.54	3.05	2.97	97	2.31	76		SW	
15.54	18.59	3.05	2.75	90	0.90	30		MW	
18.59	23.16	4.57	3.00	66	1.48	32		SW	
23.16	24.69	1.53	1.08	71	0.11	7		MW	
24.69	26.21	1.52	1.15	76	0.00	0		MW	
26.21	27.73	1.52	1.35	89	0.00	0		SW	
27.73	29.26	1.53	1.00	65	0.00	0		SW	
29.26	30.78	1.52	1.10	72	0.00	0		SW	
30.78	32.31	1.53	0.52	34	0.00	0		FR	
32.31	33.83	1.52	1.55	102	0.00	0		SW	
33.83	35.36	1.53	1.11	73	0.00	0		SW	
35.36	36.88	1.52	0.65	43	0.00	0		SW	Reduced from NTW to BTW
36.88	39.92	3.04	0.40	13	0.00	0		SW	
EOH									

## MAGNETIC SUSCEPTIBILITY LOG

**HOLE:** BOLT-10-02

Depth (m)	Unit	Modifier	Magnetic Susceptibility	Comments
1.00			N/A	
2.00			N/A	
3.00			N/A	
4.00			N/A	
5.00			N/A	
6.00			0.36	
7.00			0.47	
8.00			0.65	
9.00			0.58	
10.00			0.58	
11.00			0.58	
12.00			0.75	
13.00			0.54	
14.00			0.56	
15.00			0.53	
16.00			0.40	
17.00			0.54	
18.00			0.58	
19.00			0.58	
20.00			0.73	
21.00			N/A	
22.00			0.58	
23.00			0.60	
24.00			0.64	
25.00			0.47	
26.00			0.36	
27.00			0.62	
28.00			0.21	
29.00			0.10	
30.00			0.31	
31.00			0.62	
32.00			N/A	
33.00			0.27	
34.00			0.14	
35.00			0.14	Size Reduction (NTW to BTW)
36.00			0.18	
37.00			N/A	
38.00			N/A	
39.00			0.18	
EOH				

## BOX LOG

**HOLE: BOLT-10-02**

BOX	FROM (m)	TO (m)
1	0.00	8.85
2	8.85	12.73
3	12.73	16.75
4	16.75	22.25
5	22.25	26.50
6	26.50	31.02
7	31.02	35.15
8	35.15	35.36
9	35.36	39.92
EOH		