

Q-Gold (Ontario) Ltd.

Diamond Drill Report of Q-06-01

DIAMETER NQ2 52 mm

Start June 16<sup>th</sup>. 2006

Finish June 21<sup>st</sup>. 2006

Azimuth 135 Degrees.

Dip -50 Degrees

Grid: Northing 34+25 N

Easting 18+00 E

UTM Nad 85 Northing 5398236

Easting 15 U 0527114

Logged by: Jack A. Bolen BSc.

This hole was strictly a geological hole, drilled to investigate the brecciation, silicification, mineralization and structure related to the Bad Vermilion Trondhjemite Sill were it intrudes the Volcanics on the Golden Star Property.

Q-06-01 can be reached by traveling 65 kms east on Highway 11 from Ft. Frances, Ontario to a point 1.0 km east of the village of Mine Centre. At this point turn south on the Shoal Lake Road for a distance of 1.5 kms. At this point a long existing road diverges to the south west for a distance of 2.0 kms. Q-06-01 is located approximately 15 metres west of this road. (Golden Star Road)

Drilling was performed by North Star Drilling Ltd., 15 Linden Blvd, Brandon, Manitoba R7B 1C1 Phone 204-726-1819. A Boyles 37 drill, skid mounted was utilized with a Caterpillar D5 used to move the unit.

All core was transported to my residence in Ft. Frances (1207 3<sup>rd</sup> Street East, P9A 3M5) for logging and splitting. All core selected for sampling was split using a diamond bladed brick saw. Half of the core was returned to the box for future reference. The remaining half of core was put in plastic sample bags and transported by Gray Lines Bus Ltd to Swastika Laboratories in Swastika, Ontario, 1 Cameron Ave. PO Box 10 P0K 1T0. Phone 705-642-3244. Assays for Au and Ag was assayed in g/t using standard fire assay methods. Cu. was assayed in ppm.

Results:

The Trondhjemite (Bad Vermilion Sill) contact with the Volcanics was intersected. Wide spread brecciation was encountered within the intermediate to felsic volcanics. Strong brecciation with strong calcite cementing and minor silicification was found in the entire hole. Sulphides encountered varied from nil to up to 3% usually in the form of pyrite or Po. Only minor chalcopyrite was encountered.

2.32865



Core is stored in racks at GPS NAD 83 5394062 North, 15U0525852 East. Storage area can be reached by traveling 8 kms. South on the Shoal Lake Road then 100 metres west on a side road.

Respectfully Submitted:

A handwritten signature in black ink, appearing to read 'J. A. Bolen', written in a cursive style.

Jack A. Bolen.  
Exploration Manager, Director  
Q-Gold (Ontario) Ltd.

## Q-Gold (Ontario) Ltd

Diamond Drill Hole Q-06-01

NQ11 – 52 mm diameter

Start June 16<sup>th</sup>, 2006 Finish June 21<sup>st</sup>. 2006

Azimuth 135\*

Dip -50

Northing 34+25 N

Easting 18+00 E

UTM NAD 83

Northing 5398236

Easting 15 U 0527114

Logged by: Jack A. Bolen BSc.

- 0.0 5.00 Overburden (casing pulled)
- 5.00 12.40 (2a,n,o) Andesite Flow – dark gray green, 10% 1-3 mm white feldspar crystals disseminated throughout, locally fractured/brecciated at various angles, Most pronounced jointing/shearing @ 20\* to CA in 2 directions, well cemented with 1-2 mm rusty quartz/calcite veinlets.  
Lower contact sharp with 1-2 mm quartz/calcite parting @ 15\*
- 12.4 18.85 (3a,k,o)Dacite Flow – coarse grained, 50% white laths of white feldspar (microcline), upper and lower contacts sharp at 25\* to core axis. Matrix of green clinopyroxene, numerous micro fractures, dark green colour, clinopyroxene partly altered to chlorite, massive.
- 18.85 40.25 (3a) Rhyolite Flow – dark green to black, highly siliceous, aphanitic, micro brecciated, 2-5 mm scale, massive, chlorite on fractures, minor calcite as 1-2 mm sized fracture fillings and blebs, patchy silicification, locally up to 20% , 1-2 mm microcline laths, moderately brecciated with Chloritic partings, minor mica as biotite.  
Jointing/foliation @ 36 and 53\*
- 40.25 50.1 (2a) Dacite Flow – medium to coarse grained, 30 - 40% laths of white 1-5 mm, massive, minor jointing @ 35 and 45\* opposing, minor calcite on fractures/joints
- 50.1 76.00 (3a,n) Rhyolite Flow – light gray green colour, micro brecciated with 1 mm calcite fracture filling, locally brecciated – sheared.
- 50.1 – 50.15 gouge, buff colour with limonite staining, 20\* to CA.  
51.3 – 51.35 gouge, @ 20\* to CA.  
52.0 – 52.8 brecciated with vuggy calcite/quartz fracture filling.

53.5 – 53.52 gouge, vuggy calcite quartz fracture filling.  
 54.1 – 54.20 gouge, vuggy calcite quartz fracture filling.  
 Locally within gouge zones a emerald green calcite is present in small amounts, unit is locally altered to sericite.  
 64.0 – 65.0 rusty, limonite staining.  
 Unit becomes more brecciated with depth.

#21701	64.0 – 64.75	highly fractured, 10% rusty patches, sheared and brecciated, ½% red mineral, possibly sphalerite.	<b>Au. g/t</b> <b>0.01</b>	<b>Ag. g/t</b> <b>0.01</b>	<b>Cu %</b> <b>.007</b>
#21702	64.75 – 65.5	rusty, sheared, chloritic, 2% red mineral, possibly sphalerite, trace chalcopyrite.	<b>0.14</b>	<b>0.03</b>	<b>0.36</b>
#21703	65.50 - 66.50	siliceous, brecciated, minor quartz cementing, trace cpy, po, py.	<b>0.14</b>	<b>0.1</b>	<b>0.022</b>
#21704	66.50 – 67.55	weakly brecciated, more massive, trace py, cpy, po.	<b>Nil</b>	<b>0.1</b>	<b>0.001</b>
#21705	67.55 – 68.25	highly siliceous, trace py, cpy, po.	<b>0.04</b>	<b>0.3</b>	<b>0.045</b>
#21706	68.25 – 69.00	highly brecciated, siliceous.	<b>0.02</b>	<b>0.1</b>	<b>0.013</b>
#21707	69.00 – 69.50	highly brecciated, siliceous.	<b>0.04</b>	<b>0.3</b>	<b>0.045</b>
76.00 86.87	(2b,n) Dacite (Andesite) – brecciated, possible flow breccia, dark green, 30% chlorite/clinopyroxene.				
	79.50 – 81.75	shear, chloritic, rusty, brecciated			
#21708	79.5 – 80.3	rusty chlorite schist.	<b>0.03</b>	<b>0.02</b>	<b>0.019</b>
#21709	80.3 – 81.0	highly fractured, rusty.	<b>0.05 0.05</b>	<b>0.1</b>	<b>0.010</b>
#21710	81.0 – 81.75	breccia, siliceous, rusty.			

		<b>0.01</b>	<b>0.1</b>	<b>0.006</b>
86.87	88.16	(9g) Felsite Dike – very siliceous, fine to medium grained, pink, contacts sharp @ 50*, upper contact of volcanics fractured for 70 cm.		
86.16	92.38	(3a) Dacite, massive, weakly fractured, locally shadowy feldspar phenocrysts, fine grained, locally siliceous.		
92.38	97.50	(3b,n) Breccia – highly brecciated, well cemented with calcite and quartz, clasts are rotated, Chloritic matrix, 2% disseminated py, cpy, po. Upper contact contains 1 cm. of fault gouge.		
#21711	92.38 – 93.0	breccia, Chloritic matrix, siliceous clasts, trace py, po.		
		<b>0.02</b>	<b>0.01</b>	<b>0.004</b>
#21712	93.0 – 93.75	breccia, siliceous, Chloritic matrix, trace po. Py.		
		<b>0.03</b>	<b>0.1</b>	<b>0.011</b>
#21713	93.75 – 94.50	½% py., ½% po		
		<b>Nil</b>	<b>0.01</b>	<b>0.005</b>
#21714	94.50 – 95.00	½% py., 1/2% po.		
		<b>Nil</b>	<b>0.2</b>	<b>0.035</b>
#21715	95.00 – 95.50	trace py., cpy., 2-3% po. As blebs		
		<b>0.01</b>	<b>0.4</b>	<b>0.061</b>
#21716	95.50 – 96.00	½ % py., trace cpy., 3% po.		
		<b>Nil</b>	<b>0.2</b>	<b>0.035</b>
#21717	96.00 – 96.60	½ % cpy., 1% py., 2-3% po.		
		<b>0.01</b>	<b>0.2</b>	<b>0.035</b>
#21718	96.60 – 97.50	trace cpy., ½ % py., 1-2 % po.		
		<b>0.01</b>	<b>0.2</b>	<b>0.055</b>
97.50 – 107.50	(3a.o)Rhyo-Dacite, gray, slight green colour, micro fractured, calcite fracture filling as 1-2 mm hairline veinlets, fine grained, massive, occasional bleb of py and cpy.			
107.50 – 110.50	Shear Zone., highly friable, fault gouge, 108.0 – 108.7 lost core(mud), hematite red, chlorite schist.			

#21719 107.5 – 109.0 included lost core, red mud, chlorite schist  
50%  
**0.05 0.02 0.2 0.022**

#21720 109.00 – 110.00 friable chlorite schist, rusty.  
**0.03 0.1 0.013**

#21721 110.00 – 111.00 last 60 cm rhyodacite, numerous 1-5 mm  
calcite veinlets, trace py., po., cpy. as 1-5 mm blebs.  
**0.03 0.1 0.015**

111.00 – 124.67 (3a,n) RhyoDacite to Dacite – numerous 1-5 mm white calcite veinlets  
cementing a brecciated host. < 1/4 % py and po. blebs.

#21722 124.00 – 124.67 recrystallized, banded at 1 cm intervals,  
1% po. in fractures, contact sharp with Trondhjemite.  
**Nil 0.1 0.003**

124.67 – 163.00 (9c,l)Trondhjemite – 1 metre is a hybrid of Trondhjemite and Dacite,  
coarse grained, 50% gray quartz eyes, 5-15 mm size, matrix a pale yellow  
green microcline, highly altered, sericitic, massive, local variations in  
colour and grain size.

157.30 – 157.35 quartz vein, white @ 40\* to core axis.

End of Hole 163.00 metres.

## Box List Q – 06 – 1

Box	1	5.00	8.20
	2	8.20	12.10
	3	12.10	16.30
	4	16.30	20.77
	5	20.77	25.00
	6	25.00	29.30
	7	29.30	33.66
	8	33.66	37.90
	9	37.90	42.31
	10	42.31	46.66
	11	46.66	50.70
	12	50.70	55.00
	13	55.00	59.32
	14	59.32	63.45
	15	63.45	67.55
	16	67.55	71.90
	17	71.90	76.22
	18	76.22	80.30
	19	80.30	84.87
	20	84.87	88.90
	21	88.90	93.18
	22	93.18	97.62
	23	97.62	101.70
	24	101.70	106.50
	25	106.50	111.00
	26	111.00	115.27
	27	115.27	119.60
	28	119.60	124.00
	29	124.00	128.88
	30	128.88	132.70
	31	132.70	137.50
	32	137.50	141.44
	33	141.44	145.83
	34	145.83	150.20
	35	150.20	154.52
	36	154.52	158.97
	37	158.97	163.00

End of Hole 163.00 Metres.



Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

Page 1 of 2

## Assay Certificate

6W-2022-RA1

Company: **Q-GOLD (ONTARIO) LTD**  
Project: Mine Centre  
Attn: J. Bolen

Date: JUL-17-06

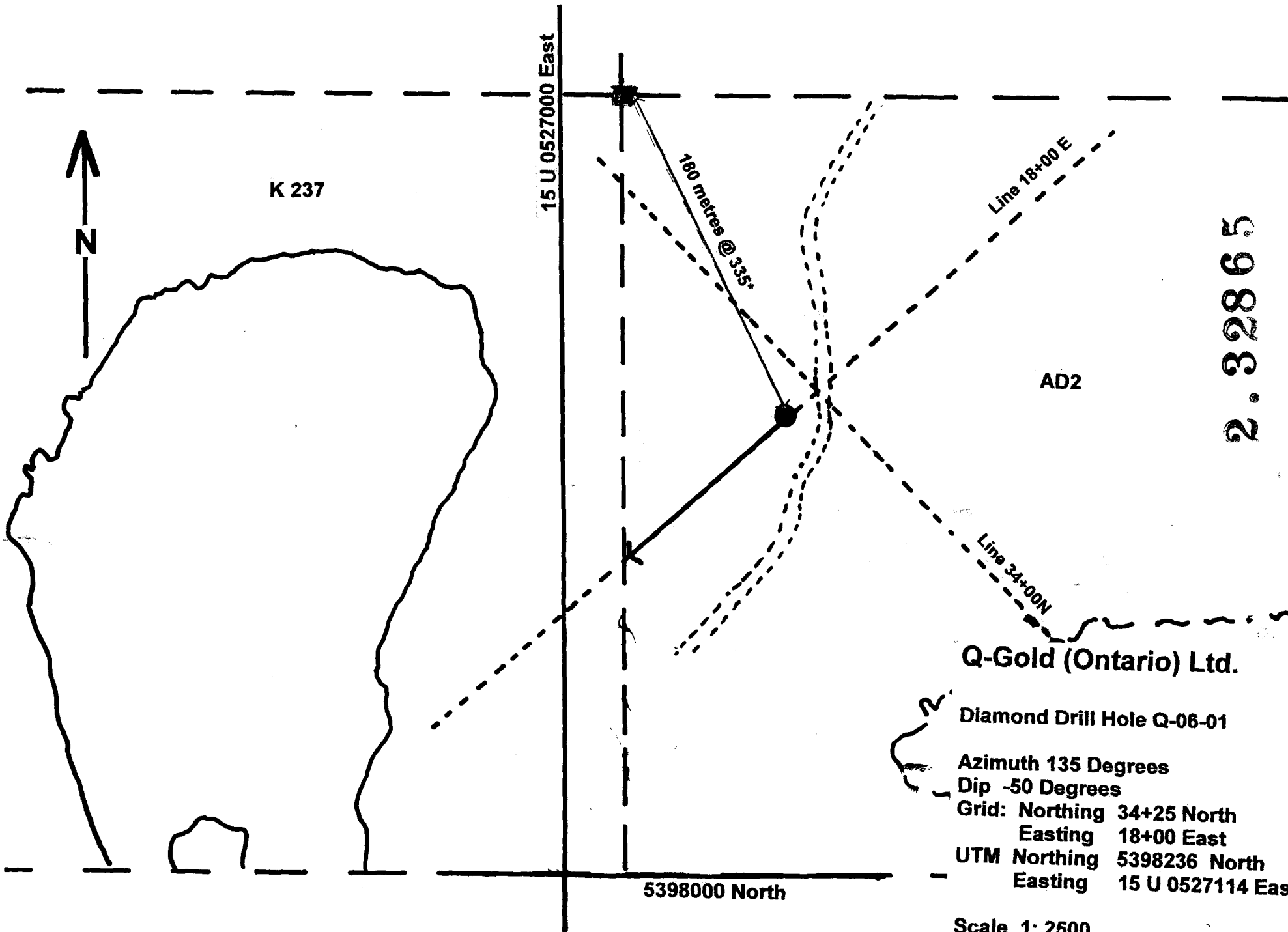
We hereby certify the following Assay of 56 Core samples submitted JUL-07-06 by .

Sample Number	Au g/tonne	Au Check g/tonne	Ag g/tonne	Cu %
21701	0.01	-	0.1	0.007
21702	0.14	-	0.3	0.036
21703	0.14	-	0.1	0.022
21704	Nil	-	0.1	0.001
21705	0.04	-	0.3	0.045
21706	0.02	-	0.1	0.013
21707	0.04	-	0.1	0.002
21708	0.03	-	0.2	0.019
21709	0.05	0.05	0.1	0.010
21710	0.01	-	0.1	0.006
21711	0.02	-	0.1	0.004
21712	0.03	-	0.1	0.011
21713	Nil	-	0.1	0.005
21714	Nil	-	0.2	0.035
21715	0.01	-	0.4	0.061
21716	Nil	-	0.2	0.035
21717	0.01	-	0.2	0.036
21718	0.01	-	0.2	0.055
21719	0.05	0.02	0.2	0.022
21720	0.03	-	0.1	0.013
21721	0.03	-	0.1	0.015
21722	Nil	-	0.1	0.003

Q-06-01

Certified by





K 237

15 U 0527000 East

5398000 North

AD2

2.32865

Q-Gold (Ontario) Ltd.

Diamond Drill Hole Q-06-01

Azimuth 135 Degrees

Dip -50 Degrees

Grid: Northing 34+25 North

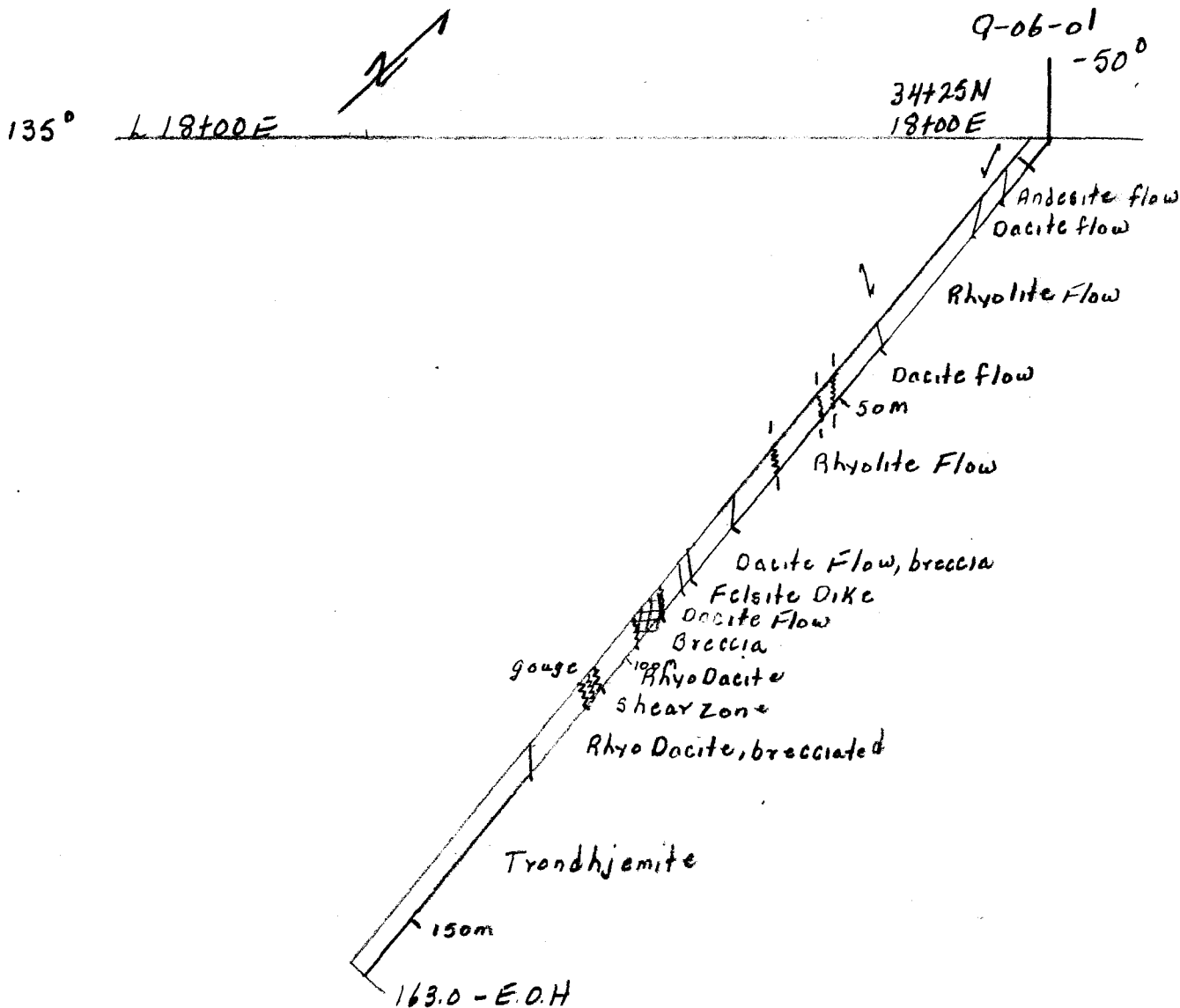
Easting 18+00 East

UTM Northing 5398236 North

Easting 15 U 0527114 East

Scale 1: 2500

August 4<sup>th</sup>. 2006



**Q-Gold (Ontario) Ltd.**

1:1000

**Diamond Drill Hole Q-06-01**

1cm = 10 metres

**Azimuth 135 Degrees**

**Dip -50 Degrees**

**Grid: Northing 34+25 North**

**Easting 18+00 East**

**UTM Northing 5398236 N**

**Easting 15 U 0527114 E**

**2.32865**

**Scale 1: 1000**

**Logged by: J.A. Bolen BSc.**

**Jack A. Bolen**

- 1) I received my Geological Tech (2 year) from Soo College in 1970.**
- 2) I received my BSc. Geology from Lake Superior State College in Sault Ste Marie, Michigan in 1976.**
- 3) I have been working continuously in the Mining Exploration field continuously since 1970.**
- 4) I am the Exploration Manager and a Director of Q-Gold Ontario Ltd.**
- 5) I personally supervised, logged the core and prepared the report on this program.**
- 6) I can be reached at PO Box 358, 521 Mowat Ave., Ft. Frances, Ontario.**
- 7) Phone 807-274-0683.**

**August 4<sup>th</sup>, 2006**

A handwritten signature in black ink, appearing to read 'J. Bolen', written in a cursive style.

**Jack A. Bolen BSc.**