

Q-Gold (Ontario) Ltd.

Diamond Drill Report of Q-06-02

DIAMETER NQ2 52 mm

Start June 21, 2006  
Finish June 25, 2006

Azimuth 135 Degrees.  
Dip -50 Degrees

Grid: Northing 38+00 N  
Easting 17+15 E

UTM Nad 85 Northing 5398511  
Easting 15 U 0527144

Depth of Hole 289.00 metres.

Logged by: Jack A. Bolen BSc.

This hole was drilled to intersect 3 strong parallel Max Min Conductors

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-06-02 is located on 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:

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. The most westerly conductor was intersected from 56.52 to 59.10 metres. Up to 5% sulphides in the form of stringers of py. and po. was encountered. A second zone from 156.12 to 172 metres of disseminated and stringer po and py with minor amounts of cpy accounted for the 2<sup>nd</sup> Max-Min Anomaly. The most easterly Max-Min anomaly was not encountered. The Trondhjemite contact was reached before



2.33004

reaching the conductor. The Trondhjemite was intersect as dipping at 45 degrees to the west effectively terminating the down dip extension of the conductor.

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:



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

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Diamond Drill Hole Q-06-02

Started June 21, 2006

Finished June 25, 2006

Grid Northing 38+00 North

Easting 17+15 East

UTM / NAD 83

Northing 5398511 North

Easting 15 U 0527144 East

Logged by: Jack A. Bolen BSc.

0.0 1.50 Overburden (Casing Pulled)

1.50 6.50 (2a, k,o,n) Dacite Flow - Chloritic, dark green, massive, highly micro-fractured, well cemented, locally some fragments are rotated, clast margins are chloritic, clasts are more siliceous than the cementing. Minor small >3 mm blebs of po. with occasional grain of chalcopyrite. Jointing @ 26\* to CA

6.50 35.25 (3 2, k,0)RhyoDacite, slightly more siliceous than the above unit, more gray, less Chloritic. Highly micro-fractured with 1-3 mm calcite veinlets as cementing of clasts. Localized bleached areas giving the impression of clasts. Occasional 2-3 mm bled or pyrite often with contained chalcopyrite, minor specks of pyrite usually as disseminated grains. Foliation is difficult to determine due to brecciation and jointing.

Calcite vein – 2 cm @ 8.62, 16 cm @ 9.00 both veins contain tourmaline crystals (needles)

Calcite vein – 27.15 – 27.28 47\* to CA

35.25 59.10 (2a,k,n)Andesite – dark green mottled colour, locally pale green bleaching, fractured throughout with chlorite and calcite fracture filling, unit is more highly fractured to brecciated from 43.13 to 45.23 with quartz and calcite veining and fracture filling.

CA @ 40.0 55\*, @ 51.5 – 51\*

#21723 43.13 – 43.73 fractured to brecciated andesite,, chlorite and calcite fracture filling, 15% calcite.

Au g/t	Ag g/t	Cu %
Nil	0.1	0.002

#21724 43.73 – 44.23 breccia, Chloritic angular clasts 60%, 30% calcite, 10% quartz. trace py and po.

Nil	0.01	0.003
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#21725	43.23 – 44.73 breccia/quartz/calcite vein, 70% quartz, 20% calcite, 10% remnant chlorite clasts.	<b>Nil</b>	<b>0.1</b>	<b>0.001</b>
#21726	44.23 – 45.25 fractured/brecciated, 10% calcite fracture filling.	<b>Nil</b>	<b>Nil</b>	<b>0.1</b>
				<b>0.001</b>

Unit becomes progressively more brecciated with depth.

56.52 – 59.10 zone of fracturing and brecciation, quartz and calcite cementing, local minor traces of po, py, cpy.

#21727	56.52 – 57.42 fractured with calcite 15% and quartz fracture filling, 5%, trace po.	<b>Nil</b>	<b>0.1</b>	<b>0.019</b>
#21728	57.42 – 58.06 highly brecciated, 25 % quartz, 35% calcite, Clasts have been altered to chlorite. Trace py, po, cpy.	<b>0.02</b>	<b>0.3</b>	<b>0.028</b>
#21729	58.06 – 58.50 breccia, 20% calcite, 5% quartz as fracture fillings, trace po, cpy.	<b>Nil</b>	<b>0.3</b>	<b>0.027</b>
#21730	58.50 – 59.10 breccia, 10%calcite and quartz fracture filling, 4% po, traces of cpy. Sulphides is mainly confined to fractures.	<b>Nil</b>	<b>0.4</b>	<b>0.048</b>

59.10 – 109.95 (2a,n) Rhyodacite – flow, unit is moderately brecciated with hairline chloritic cementing, no rotation of fragments with only minor movement, well cemented, massive, minor po and cpy as disseminated grain and blebs, mainly confined to fracture fillings. more siliceous than the above unit, fine grained, numerous small 1-2 mm calcite veinlets and fracture fillings.

CA. @ 63.0 59\*, @ 69.0 51\*

#21731	67.10 67.6 fractured with po. 4%, cpy % within fractures	<b>0.08</b>	<b>0.5</b>	<b>0.167</b>
#21732	85.08 - 85.55 chloritic shear/breccia 5-6% po, trace cpy.	<b>Nil</b>	<b>0.2</b>	<b>0.026</b>

#21733      102.0 - 103.0 breccia, siliceous clasts, Chloritic matrix,  
4% po as blebs and stringers, trace cpy.  
**0.01                  0.2                  0.045**

109.95 – 120.45 (1a,k,h) Basalt, vesicular, numerous vesicles filled with  
ankerite/calcite, up to 15 mm size, dark green, massive, locally weakly to  
moderately brecciated with calcite cementing. Occasional pyrite crystal,  
very minor specks of po. Lower portion of unit is devoid of vesicles  
indicating that the top of the unit is up hole.

CA. @ 110.25 61\*, @120.2 49\*

120.45 – 139.00 (2a,n,o) RhyoDacite/Rhyolite, gray to green in colour. Brecciated and  
fractured, may be a flow breccia. Numerous fractures, well cemented with  
calcite, Cementing of fractures is with calcite, breccia usually cemented  
with chlorite. Local patchy blebs of po and cpy, typically confined to  
matrix between clasts. Foliation is difficult to determine due to the  
amount of brecciation and fracturing.

Foliation/fracturing predominated @ 47\*

#21734      130.19 - 131.19 Rhyolite/rhyodacite, breccia,, hairline  
fractures filled with calcite, 1% po, 1% cpy as up to 1 cm  
blebs.  
**0.03                  0.2                  0.052**

#21735      131.19 – 132.19 as above, 2% po, 2% cpy as 1 mm blebs  
and on fractures.  
**0.24   0.20   1.2                  0.274**

#21736      132.19 – 133.00 as above, 3% po, 2% cpy.  
**0.52   0.29   1.0                  0.195**

#21737      133.00 – 133.66 as above, < 1% po, trace cpy.  
**0.03                  0.2                  0.032**

139.00- 152.37 (2a, o,i) Dacite/Andesite flow, weakly fractured in 2 stages of tectonics,  
1 set with calcite fracture filling, the other more like brecciation, probably  
primary and filled with chlorite, calcite fracturing cross cuts the Chloritic  
fracturing, locally bleached, blotchy appearance, locally more siliceous.

#21738      139.00 – 140.0 Andesite flow, upper contact sharp with a 2  
cm calcite vein. 2% cpy, 5% po.  
**0.17                  1.7                  0.298**

152.37 – 156.12 (3a, o) RhyoDacite, weakly fractured, more siliceous than the above unit, dark gray colour, massive, fractures cemented with calcite.

156.12 - 162.16 (2a, h,o) Andesite – strongly fractured, cemented with calcite veinlets, 1-5 mm width, pervasive calcite alteration, gray/green colour, minor open fractures, mainly massive fine grained. Disseminated po and cpy. in fractures and as blebs.

#21739	156.12 – 157.00	3% po, trace cpy.			
	<b>Nil</b>	<b>0.3</b>	<b>0.048</b>		
#21740	157.00 – 158.00	5% po as disseminated blebs, trace cpy.			
	<b>0.07</b>	<b>0.7</b>	<b>0.098</b>		
#21741	158.00 – 158.50	3% po as disseminated blebs, ½ % cpy.			
	<b>0.03</b>	<b>0.1</b>	<b>0.027</b>		
#21742	158.50 – 159.4	5% po, 1-2 % cpy.			
	<b>0.19</b>	<b>1.8</b>	<b>0.352</b>		

162.16 – 172.00 (5d, b,k)Limestone. Essentially CaCo<sub>3</sub>, 70%, 20% chlorite, 5% sulphides, 5% quartz. Calcite/chlorite Schist., Po. As blebs and stringers, massive well cemented, quartz as blebs and small stringers.

#21743	163.70 – 164.40	60% calcite, 30% chlorite, 10% quartz.			
	<b>0.01</b>	<b>0.1</b>	<b>0.005</b>		
#21744	164.40 – 165.15	65% calcite, 30% chlorite, 10% quartz, 3-4% po, trace py, cpy, trace of broken tourmaline crystals as black 1-2 mm fragments.			
	<b>0.16</b>	<b>0.1</b>	<b>0.013</b>		
#21745	165.15 – 166.00	same as above.			
	<b>0.14</b>	<b>0.2</b>	<b>0.042</b>		
#21746	166.00 – 166.75	40% calcite, 30% chlorite, 20% quartz, 8% po, 1% cpy. Sulphides as blebs and stingers on fracture fillings.			
	<b>0.05</b>	<b>0.5</b>	<b>0.119</b>		
#21747	166.75 – 167.50	15% po, 3% cpy, 60% calcite, 20% chlorite.			
	<b>0.07</b>	<b>0.07</b>	<b>0.7</b>	<b>0.172</b>	

#21748	167.50 – 168.40 less calcite 20%, matrix highly calcareous, 3% po. 1% cpy., 75% Chloritic, calcareous Andesite.	<b>0.13</b>	<b>1.6</b>	<b>0.328</b>
#21749	168.40 – 169.40 highly calcareous andesite, fractured, cemented with 1-5 mm calcite veinlets, 5%, 1% po, 1% cpy, mainly confined to fractures.	<b>0.14</b>	<b>0.8</b>	<b>0.188</b>
#21750	169.40 – 170.00 highly calcareous andesite, ½ % po and cpy.	<b>0.15</b>	<b>1.1</b>	<b>0.213</b>

172.00 207.00 (2a, h,o)Andesite, massive, weakly fractured, 2% calcite fracture filling, highly calcareous throughout. Locally weakly brecciated and cemented with chlorite.

CA @ 179.5 56\*, @ 188.0 65\*, @ 206.0 56\*

By 190.0 metres unit becomes much less calcareous with calcite being confined to fractures and cm sized patch areas.

193.3 – 196.5 unit is fragmental, possibly a flow top, upper contact is sharp, lower contact is gradational.

207.00 - 256.66 (3a, o)RhyoDacite – gray/green colour, siliceous, massive. Numerous micro-fractures with hairline calcite fracture filling. Occasional 1-3 cm calcite/quartz veinlet. Occasional 1 cm bleb of cpy. At 1 to 2 metre intervals.

207.00 – 209 fragmental flow top

Fragmental flow tops have blebby, 1 cm, cpy/po blebs disseminated throughout.

#21751	208.00 – 208.90 fragmental flow top, 2% cpy, 1% po as blebs and stringers.	<b>0.23</b>	<b>0.37</b>	<b>1.2</b>	<b>0.254</b>
#21752	227.30 – 227.83 rhyodacite with 3% po, 2% cpy, includes a 22 cm quartz, tourmaline vein at start of sample.	<b>0.25</b>	<b>1.2</b>	<b>0.222</b>	

241.5 – 242.42 quartz ankerite vein, 5\* to CA, minor tourmaline

244.55 – 245.45 quartz ankerite vein, 5\* to CA

245.45 – 250.1 numerous quartz calcite veinlets up to 10 cm, traces of tourmaline, trace cpy, po.

256.66 – 289.00 (9c) Trondhjemite – 30% gray to glassy quartz eyes, 2-10 mm size, pale green to pinkish, massive, unfractured. Contact sharp at 90\* to core axis. Occasional 1-3 cm quartz veinlet at 1 to 3 metre intervals from 60 to 90\* to core axis.

End of Hole 289.00 Metres.

Acid Test EOH 289.00 metres -49 Degrees



## Box List Q-06-02

Box	1	1.5	4.75
	2	4.75	9.00
	3	9.00	13.25
	4	13.25	17.55
	5	17.55	21.51
	6	21.51	25.85
	7	25.85	30.75
	8	30.75	34.50
	9	34.50	38.10
	10	38.10	43.00
	11	43.00	47.30
	12	47.30	51.83
	13	51.83	56.12
	14	56.12	60.40
	15	60.40	64.68
	16	64.68	69.00
	17	69.00	73.35
	18	73.35	77.77
	19	77.77	82.08
	20	82.08	86.40
	21	86.40	90.56
	22	90.56	94.82
	23	94.82	99.03
	24	99.03	103.35
	25	103.35	107.45
	26	107.45	111.75
	27	111.75	116.16
	28	116.16	120.50
	29	120.50	124.85
	30	124.85	129.25
	31	129.25	133.40
	32	133.40	137.93
	33	137.93	142.27
	34	142.27	146.66
	35	146.66	150.88
	36	150.88	155.15
	37	155.15	159.50
	38	159.50	163.70
	39	163.70	169.05
	40	169.05	172.30
	41	172.30	176.50
	42	176.50	180.83
	43	180.83	185.06
	44	185.06	189.39

45	189.39	193.60
46	193.60	197.73
47	197.73	202.00
48	202.00	206.46
49	206.46	210.90
50	210.90	215.32
51	215.32	219.66
52	219.52	223.87
53	223.87	228.30
54	228.30	232.50
55	232.50	236.87
56	236.87	241.20
57	241.20	245.60
58	245.60	249.91
59	249.91	254.20
60	254.20	258.55
61	258.55	262.81
62	262.81	267.11
63	267.11	271.37
64	271.37	275.73
65	275.73	280.10
66	280.10	284.37
67	284.37	289.00

End of Hole 289.0 metres.



Established 1928

# Swastika Laboratories Ltd

Assaying - Consulting - Representation

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## 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
21722	Nil	-	0.1	0.003
21723	Nil	-	0.1	0.002
21724	Nil	-	0.1	0.003
21725	Nil	-	0.1	0.001
21726	Nil	Nil	0.1	0.001
21727	Nil	-	0.1	0.019
21728	0.02	-	0.3	0.028
21729	Nil	-	0.3	0.027
21730	Nil	-	0.4	0.048

Q-06-02

Certified by *[Signature]*



Established 1928

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Assaying - Consulting - Representation

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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 %
21731	0.08	-	0.5	0.167
21732	Nil	-	0.2	0.026
21733	0.01	-	0.2	0.045
21734	0.03	-	0.2	0.052
21735	0.24	0.20	1.2	0.274
21736	0.52	0.29	1.0	0.195
21737	0.03	-	0.2	0.032
21738	0.17	-	1.7	0.298
21739	Nil	-	0.3	0.048
21740	0.07	-	0.7	0.098
21741	0.03	-	0.1	0.027
21742	0.19	-	1.8	0.352
21743	0.01	-	0.1	0.005
21744	0.16	-	0.1	0.013
21745	0.14	-	0.2	0.042
21746	0.05	-	0.5	0.119
21747	0.07	0.07	0.7	0.172
21748	0.13	-	1.6	0.328
21749	0.14	-	0.8	0.188
21750	0.15	-	1.1	0.213
21751	0.23	0.37	1.2	0.254
21752	0.25	-	1.2	0.222

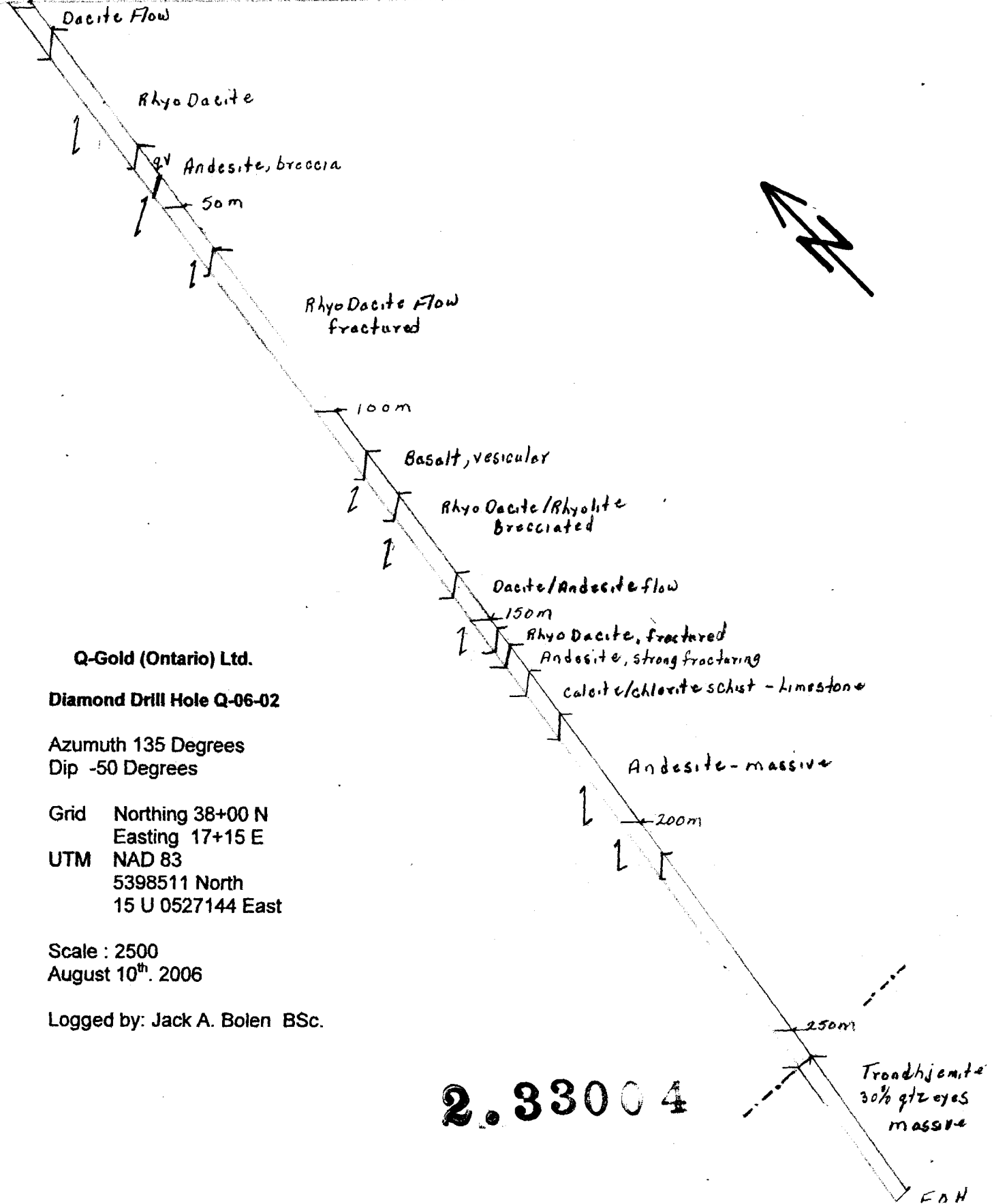
*Q06-02*

Certified by *J. Bolen*

Q-06-02

Az 135°  
DIP -50

Line 38+00 N



Q-Gold (Ontario) Ltd.

Diamond Drill Hole Q-06-02

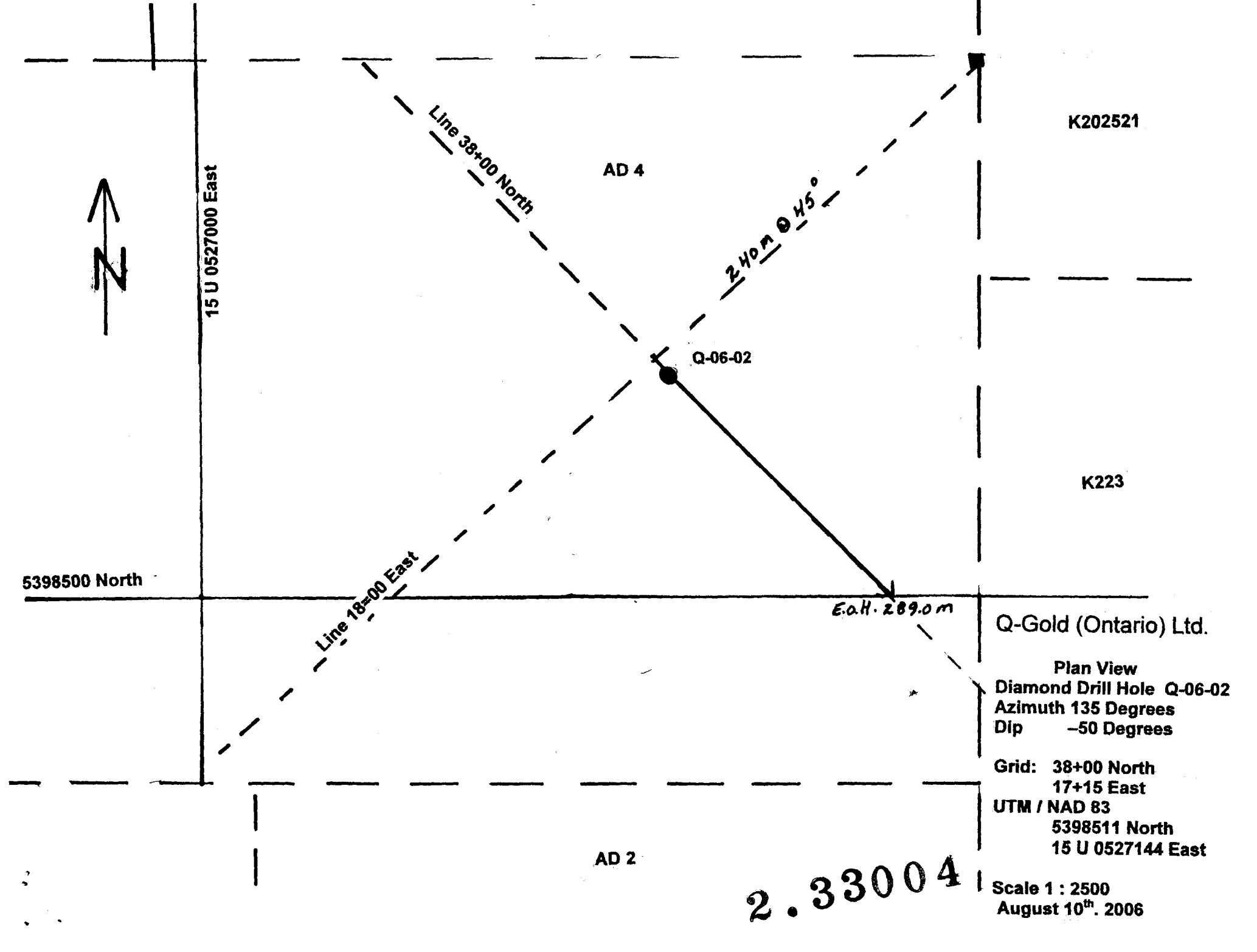
Azimuth 135 Degrees  
Dip -50 Degrees

Grid Northing 38+00 N  
Easting 17+15 E  
UTM NAD 83  
5398511 North  
15 U 0527144 East

Scale : 2500  
August 10<sup>th</sup>. 2006

Logged by: Jack A. Bolen BSc.

2.33004



K202521

AD 4

Line 38+00 North

240 m @ 45°

Q-06-02

K223

5398500 North

Line 18+00 East

E.a.H. 289.0 m

Q-Gold (Ontario) Ltd.

Plan View  
Diamond Drill Hole Q-06-02  
Azimuth 135 Degrees  
Dip -50 Degrees

Grid: 38+00 North  
17+15 East  
UTM / NAD 83  
5398511 North  
15 U 0527144 East

AD 2

2.33004

Scale 1 : 2500  
August 10<sup>th</sup>. 2006