## Diamond Drilling Report

on the

Mine Centre Gold Properties

Northwestern Ontario

Un-patented Mining Claim K-3000814 & Leased Mining Claim K-475272 (Lease # 105934)

Held by

## Q-Gold (Ontario) Limited



Prepared by

Northwest Mineral Development Services

2 · 38641

Kenora, Ontario June 9, 2008 Richard Beard, P.Eng

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Figure 1. Location Plan for all 2007 drill holes. Figure 2. Key Map

#### **SUMMARY**

During the period March 1, 2007 through May 15, 2007, Q-Gold (Ontario) Limited drilled a total of 21 diamond drill holes on three groups of claims held by the Company in the Mine Centre area of northwestern Ontario. (Figure 1. Location Plan for all 2007 drill holes.) Five of these holes (Q-07-02, -03, -05, -16 and -17) were reported on in earlier drill reports. This drill report reports on the following two drill holes, both located on the Nipigon Group of claims.

Hole Number	Claim #	K-3000814 K-475272 (Lease# 105934)	l Depth (metres)
Q-07-06 Q-07-07		(Lease# 105934)	250 405
		Total	655 metres

#### LOCATION AND ACCESS

Q-Gold's Mine Centre properties are situated in unorganized territory in Northwestern Ontario, approximately 65 kilometres east of Fort Frances, Ontario (Figure 2. Key Map).

The village of Mine Centre is located near the northern edge of the claim group. All claims lie within NTS 52-C/10, C / 15 and C/16 map sheets. Highway 11 passes through the property at the north end, and the drill sites and the numerous known mineral deposits and showings on the property can be easily accessed by the Shoal Lake Road, which takes off from highway 11 one kilometre east of the village of Mine Centre, and runs south the full length of the claim groups.

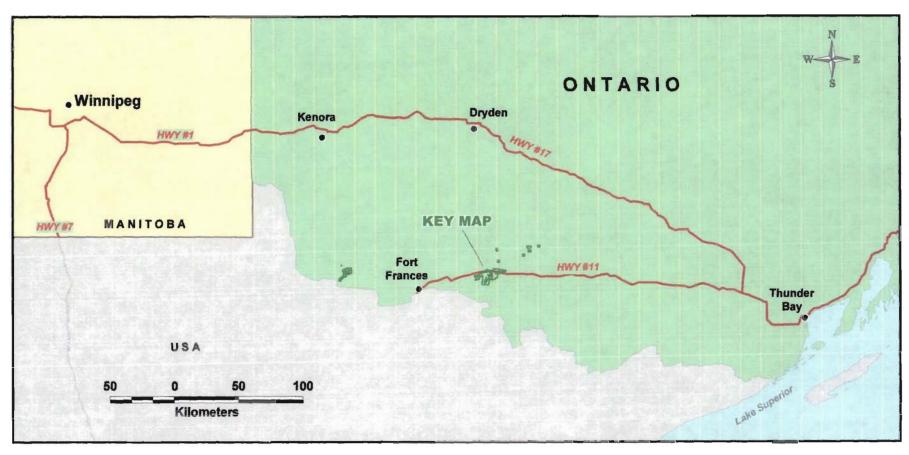
#### PROPERTY DESCRIPTION

Q-Gold's Mine Centre gold property consists of a large group of un-patented mining claims, leases and patents covering an area of approximately 32,585 acres. This property is described in a previous Company report, "Report on the Northwestern Ontario Gold & Base Metal Properties, Mine Centre Area, Rainy River District, Held by Hexagon Gold (Ontario) Ltd." by Richard Beard, P.Eng., Northwest Mineral Development Services, March 20, 2003.

The drilling reported herein was carried out on the Nipigon Group of claims.

All of the Q-Gold claims discussed in the above report, including the two described herein, are contiguous.

# Q-GOLD (ONTARIO) LTD.: MINE CENTRE PROJECT AREA Ontario, Canada



#### **GENERAL GEOLOGY**

As described in the report noted above, Q-Gold's property "lies within the Archean (2.6 to 2.9 billion year old) Superior Province, straddling the east-trending boundary between two major subprovinces, the Wabigoon Subprovince to the north and the Quetico Subprovince to the south (Figure 4). The Wabigoon (Blackburn et al 1991) is considered to be a granite-greenstone subprovince, while the Quetico (Williams 1991) is a sedimentary-gneissic subprovince. Subprovincial boundaries are major structural discontinuities, commonly superimposed on profound changes in lithology. In the Fort Frances - Mine Centre area (Figure 5); Poulsen 2000), the boundary is a wedge-shaped zone, the margins of which are the Quetico fault to the north and the Seine River fault to the south. Geology within this wedge is transitional, retaining characteristics of both the Wabigoon (e.g. volcanic and granitic rocks) and the Quetico (e.g. sedimentary rocks) subprovinces.

Subprovincial boundaries are interpreted to reflect deep-seated structures, thus providing channel ways for metal bearing systems from deep crustal levels. East of Thunder Bay, the Barton Bay deformation zone lies along the same subprovincial boundary and is the host to the past-producing McLeod Cockshut Mine.

The wedge shaped zone has long been known to be rich in various mineral commodities, ranging from precious metals to magmatic Cu-Ni and Fe-Ti deposits, to volcanogenic Cu-Zn (Poulsen 1984). For these reasons it has been the subject of research over many years by Howard Poulsen, formerly of the Ontario Geological Survey and the Geological Survey of Canada, who has recently (Poulsen 2000) presented a comprehensive metallogenic model for the entire Mine Centre - Fort Frances area.

The gold deposits of the Mine Centre gold camp largely occur within quartz veins intruded into a large unit of trondhjemite. This "Bad Vermilion tonalite/trondhjemite is an elongate, sygmoid-shaped body oriented north-northeasterly in its central part, but deflected to the northeast at its northerly end and to the southwest at its southerly end. It is about 12 km long by 1.5 km at its widest point, in the vicinity of the Foley Mine, and tapers at each end. There is little compositional variation within the intrusion, which has been variously called a trondhjemite or a tonalite (compositionally equivalent terms): it is dominantly equigranular, plagioclase is the dominant feldspar, with subordinate potash feldspar, and quartz is commonly in the form of "eyes".

"The tonalite/trondjemite intrusion is in contact to the west with the Seine Bay - Bad Vermilion Anorthosite: however, contact relationships are unclear,

and the relative ages of the two bodies are uncertain. Evidence that the contact has been the locus of deformation along most if not all of its length is seen at a number of places. At its south end, at the McKenzie-Gray deposit (now held by Q-Gold), a wide zone of north-northeast trending shearing is seen at the Mackenzie-Gray vein, and was observed by C.E. Blackburn to increase in intensity toward the Jolly Rodger vein, located within the tonalite/trondhjemite along the contact. At its north end, in the vicinity of Island Bay, a drill hole put down for Ansil Resources Ltd. in 1992 at 50% dip toward the west intersected the steeply dipping contact: J.A. Bolen logged a sequence of interlayered trondhjemite and anorthosite over a 300 ft. core length, culminating in a hematitic, friable fault zone. Based on the above, the Finger Bay structure may be better termed a deformation zone than a fault."

The two drill holes reported herein, both on the Nipigon Group, were targeted to investigate mineralization related shearing along and related to the contact between the anorothosite and the trohdhjemite.

#### EXPLORATION SUMMARY

"Exploration and development work on the (Q-Gold's) mining properties in the Mine Centre area, took place during three periods: in the late 1800s, when most of the properties were first brought to production; in the 1920s and 1930s, when further development work and some production was undertaken on specific properties; and from 1940 to the present, when surface exploration was carried out sporadically throughout the area.

Most noteworthy of the more recent work are three programs by various companies. The first of these was a diamond drilling program by Corporate Oil and Gas Ltd. in 1979-80, in a joint venture performed on the Foley and Ferguson properties, as well as the McKenzie-Gray (Nipigon) property. Forty-nine holes were drilled, totaling 11,119.7 ft. (Huston 1981)

In 1981 and 1982, Sherritt Gordon Mines Ltd. evaluated a large area that included the same properties plus the Decca, Manhattan, Lucky Coon and much of the area presently called the Bolen-McCormick claims. Their work included geological mapping and an extensive trenching and sampling program. A sampling program was also conducted on the Foley tailings (Sherritt Gordon Mines, 1982 and 1983).

In 1986-87, Orofino Resources Ltd. optioned a number of parcels of ground held by Jack Bolen, including most of the ground now held as the Bolen-McCormick claims. The company performed broad surveys over the Bad Vermilion tonalite/trondhjemite intrusion, but only drilled five short holes as follow-up."

In 2006, Q-Gold carried out an airborne geophysical survey that included the Nipigon claim group. This was followed up by ground geophysical surveys. Ten of the diamond drill holes reported herein were drilled to test geophysical anomalies revealed by these surveys. It was believed that the anomalies might reflect a major deformation zone, the Finger Lake Fault, which may have served as the feeder for the Mackenzie-Grey gold deposits.

#### RESULTS

#### Diamond Drill Hole Q-07-06

This hole was targeted to test a conductive IP anomaly that lies along the Finger Lake Fault Zone. This fault is believed, in some places, to also be the contact between the Bad Vermilion Gabbro/Anorthosite Complex to the west and the Mine Centre Tonalite/Trondhjemite intrusive to the east.

This hole largely intersected interlayered anorothosite and gabbro. The gabbro is largely medium to coarse grained, containing 30-50% white plagioclase in a matrix of dark green clinopyroxene. Pyrite, ranging in amounts from trace to up to 8% (over a 1-metre interval), is disseminated in the mafic rocks, probably explaining the IP anomoly. Zones of shearing, chloritization, carbonatization, and silicification are common throughout the hole.

A 9-metre shear zone, consisting of chlorite carbonate schist, was intersected from 54 to 63 metres.

A 27-metre wide section of trondhjemite was intersected at 169 metres. The trondhjemite was grey and massive with up to 5 mm quartz eyes.

At 222 metres, a 4-metre wide unit of lamprophyre was intersected.

Only two slightly anomalous assays were recorded, at 0.01 ppm gold.

Drill logs with assays, drill plans, drill sections and assay reports are included in the appendix.

#### Diamond Drill Hole Q-07-07

This hole was also targeted to test a conductive IP anomaly that lies along the Finger Lake Fault Zone.

The rock intersected in this hole was largely leucogabbro/anorthosite, as described above, with occasional sections of gabbro and altered quartz-chlorite schist. The mafic rocks contain disseminated pyrite, mostly trace to 2%, with some sections up to 8% over short intervals (one to two metres).

At 111 metres, a 5-metre section of trondhjemite was intersected, and at 241 metres, a 5 metre section of meta-rhyolite was intersected.

Most samples assayed ran nil to 0.02 ppm gold, with one section at 192 metres running 0.06 ppm gold over 1 metre, one section at 106 metres running 0.08 ppm gold over 1 metre, and one section at 369 metres running 0.12 over 1 metre.

Drill logs with assays, drill plans, drill sections and assay reports are included in the appendix

Because of poor, extremely dry ground conditions at the time of the IP survey, the majority of Q-Gold's Nipigon claims, containing some of the area's strongest airborne anomalies, were not included in the IP survey and remain to be tested in the future.

Additional IP anomalies on the Finger Lake fault/Shear Zone 1.5 km to the north of the Nipigon tract in the vicinity of Finger Lake, and 4.5 km north, near Island Lake, remain to be drilled.

#### **SUMMARY OF COSTS**

Drill Holes Q-07-06 & Q-07-07

Diamond Drilling

George Downing Estate Drilling Ltd. \$65,511

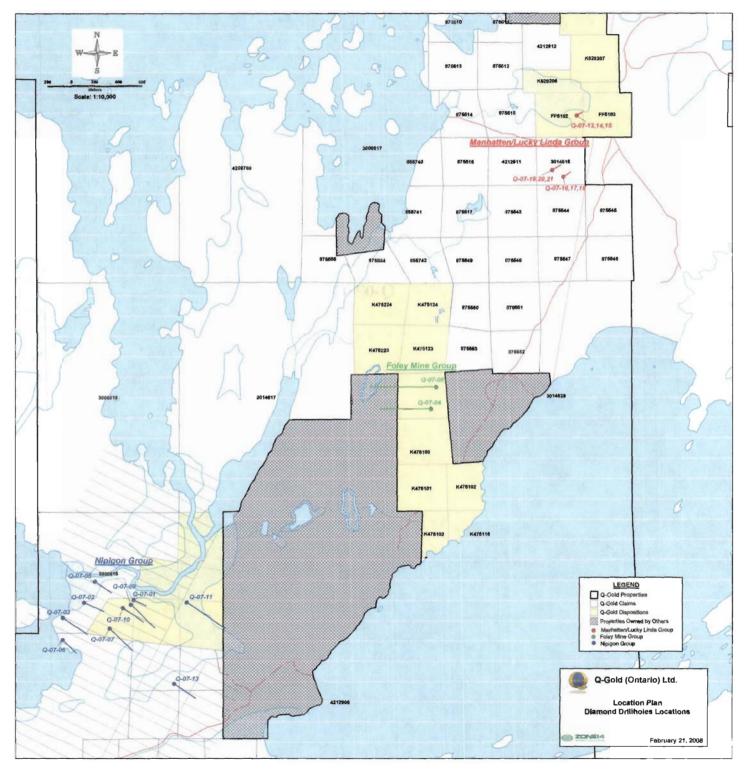
Assaying

SGS Canada Inc. \$ 4,317

Report Preparation

Northwest Mineral Development Services \$ 900

Total: \$ 70,728



#### REFERENCES

Beard, R.C. and Garratt, G.L. 1976. Gold Deposits of the Kenora - Fort Frances area, Districts of Kenora and Rainy River; Ontario Geological Survey, Mineral Deposits Circular 16, 46p.

Blackburn, C.E., Johns, G.W., Ayer, J. and Davis, D.W. 1991. Wabigoon Subprovince; *in* Geology of Ontario, Ontario Geological Survey, Special Volume 4, Part 1, p. 303-381.

Neilson, James N. & Bray, R.C.E., 1981. Feasibility of Small Scale Mining in Northwestern Ontario (parts of the Districts of Kenora, Rainy River and Thunder Bay; Ontario Geological Survey. Open File Report 5332 (Volumes 1 and 2).

Poulsen, K.H. 1984. The Geological Setting of Mineralization in the Mine Centre - Fort Frances area, District of Rainy River; Ontario Geological Survey. Open File Report 5512, 126p.

Poulsen, K.H. 2000. Precambrian Geology and Mineral Occurrences, Mine Centre - Fort Frances area; Ontario Geological Survey, Map 2525, scale 1:50,000.

Poulsen, K.H. 2000. Archean Metallogeny of the Mine Centre - Fort Frances area; Ontario Geological Survey, Report 266, 121p.

Stone, D., Halle, J. and Murphy, R. 1997a. Precambrian Geology, Mine Centre area; Ontario Geological Survey, Preliminary Map P.3372, scale 1:50 000.

Tanton, T.L. 1936. Mine Centre Area, Rainy River District;GeologicalSurvey of Canada, Map 334A, scale 1:31 680.

Williams, H.R. 1991. Quetico Subprovince; in Geology of Ontario, Ontario Geological Survey, Special Volume 4, Part 1, p. 383-403.

Wood, J., Dekker, J., Jansen, J.G., Keay, J.P. and Panagapko, D. 1980a. Mine Centre Area (west half), District of Rainy River; Ontario Geological Survey, Map P.2201, scale 1:15 840.

Wood, J., Dekker, J., Jansen, J.G., Keay, J.P. and Panagapko, D. 1980b. Mine Centre Area (east half), District of Rainy River; Ontario Geological Survey, Map P.2202, scale 1:15 840.

### **Author of Report**

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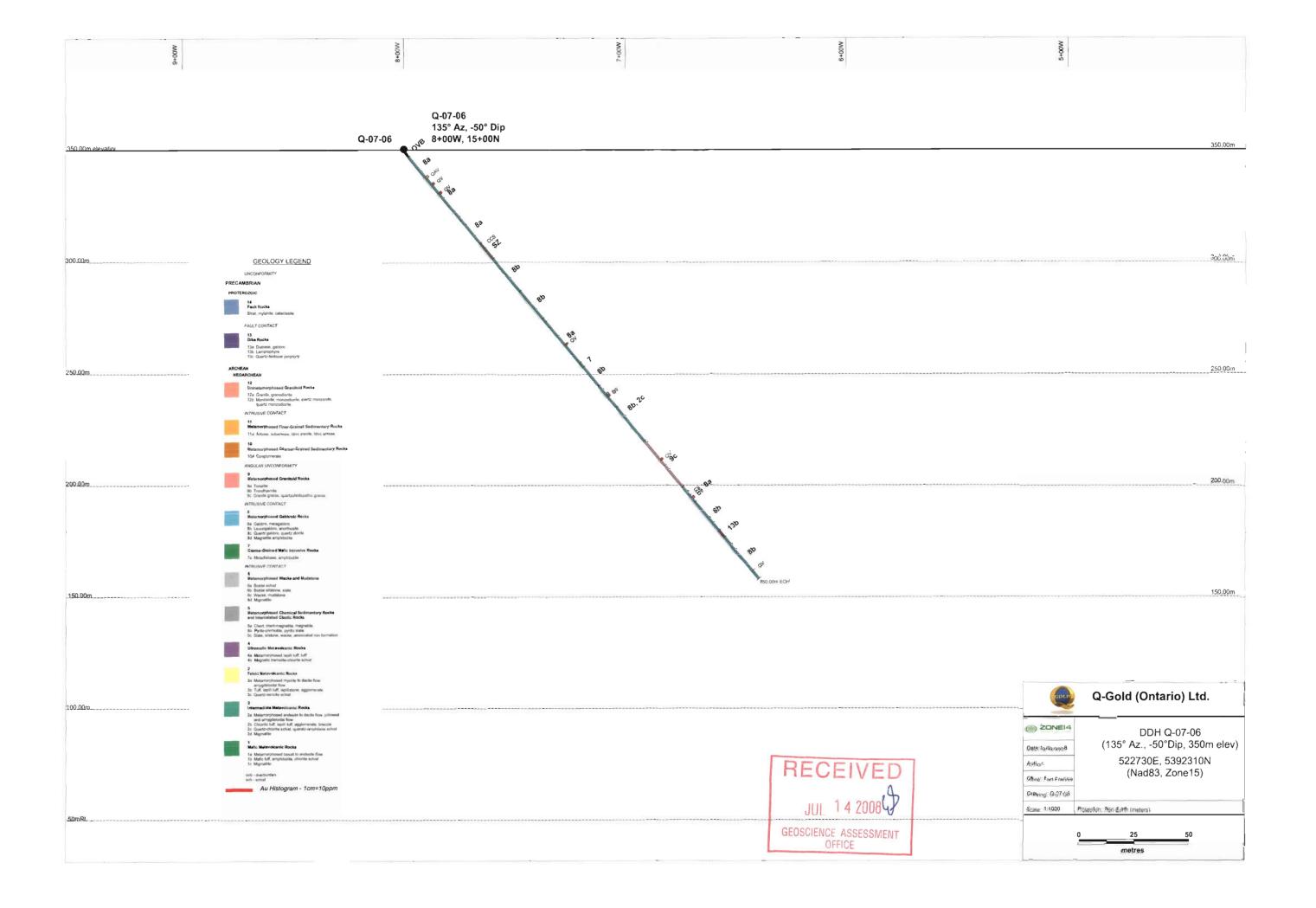
### Supervisor of Work

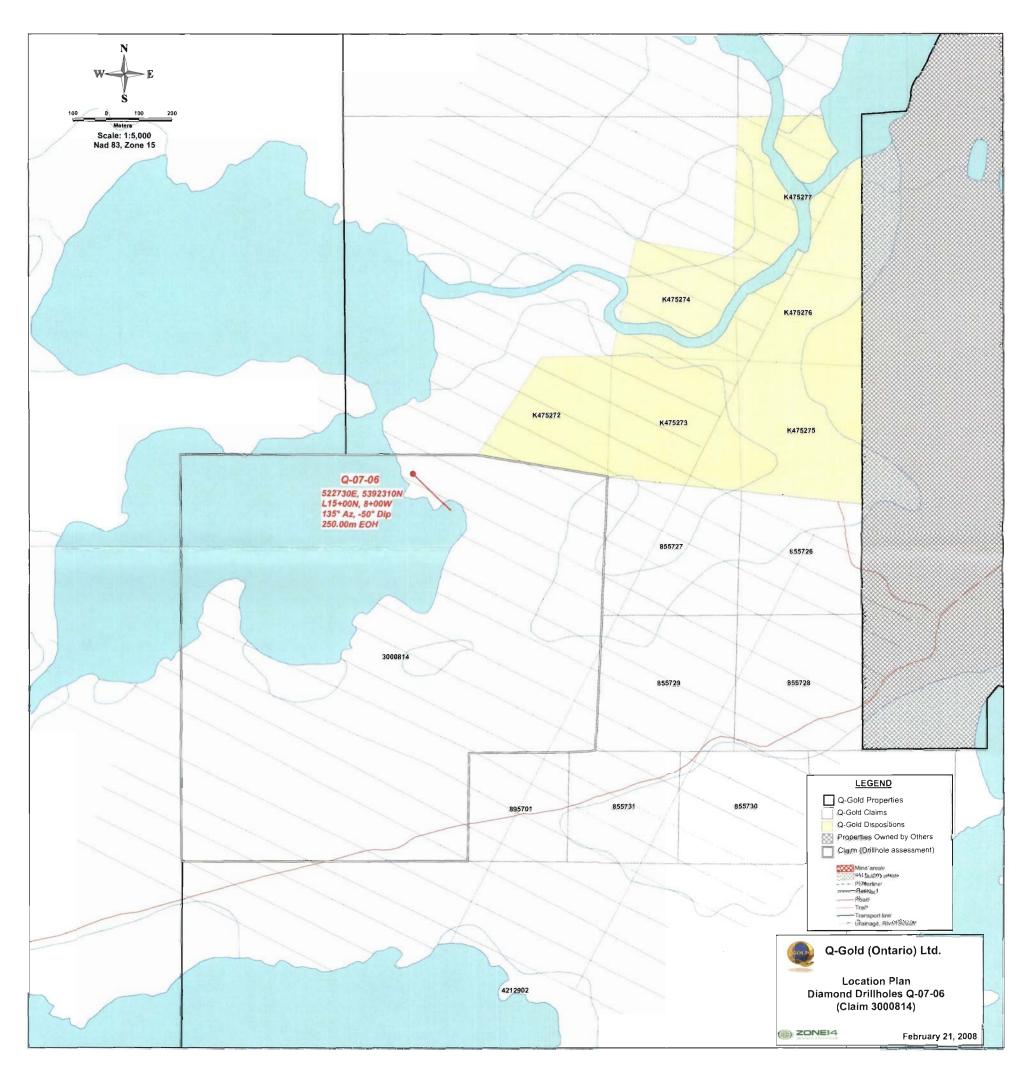
Jack Bolen 521 Mowat Ave. Fort Frances, ON P9A 3M5

Submitted: July9, 2008

# APPENDIX "A" – DRILL LOGS, ASSAY SHEETS, PLANS & SECTIONS

Q-07-06





# Drillhole Log

!						Units Mete
UTM East	Datum	Local Grid E	Azimuth Grid (°)	Length	Core Size	Date Started
522730	NAD 83 800.00 135.00 250.00	135.00 25	250.00	NQ	25/03/2007	
UTM North	UTM Zone	Local Grid N	Azimuth Astro. (°)	Collar Survey Method		Date Completed
5392310	15	5 1500.00			03/04/2007	
UTM Elevation	Drill Contracto	or	Dip (°)	Logged By		
350.00	George Downing Estate		-50.00	Jack M. Bol	en, B.Sc.	
Pulsed	Geophysics C	ontractor	Casing Pulled	Casing	Plugged	Plug Depth
				4.10		
			Core Storage			
			Comments			
	UTM East 522730  UTM North 5392310  UTM Elevation 350.00	UTM East         Datum           522730         NAD 83           UTM North         UTM Zone           5392310         15           UTM Elevation         Drill Contractor           350.00         George Down	UTM East         Datum         Local Grid E           522730         NAD 83         800.00           UTM North         UTM Zone         Local Grid N           5392310         15         1500.00           UTM Elevation         Drill Contractor           350.00         George Downing Estate	UTM East Datum Local Grid E Azimuth Grid (*)  522730 NAD 83 800.00 135.00  UTM North UTM Zone Local Grid N Azimuth Astro. (*)  5392310 15 1500.00  UTM Elevation Drill Contractor Dip (*)  350.00 George Downing Estate -50.00  Pulsed Geophysics Contractor Casing Pulled  Core Storage	UTM East Datum Local Grid E Azimuth Grid (*) Length 522730 NAD 83 800.00 135.00 250.00 UTM North UTM Zone Local Grid N Azimuth Astro. (*) Collar Surve 5392310 15 1500.00  UTM Elevation Drill Contractor Dip (*) Dip (*) Logged By 350.00 George Downing Estate -50.00 Jack M. Bol Pulsed Geophysics Contractor Casing Pulled Casing 4.10  Core Storage	UTM East Datum Local Grid E Azimuth Grid (*) Length Core Size  522730 NAD 83 800.00 135.00 250.00 NQ UTM North UTM Zone Local Grid N Azimuth Astro. (*) Collar Survey Method  5392310 15 1500.00  UTM Elevation Drill Contractor Dip (*) Dip (*) Logged By  350.00 George Downing Estate -50.00 Jack M. Bolen, B.Sc.  Pulsed Geophysics Contractor Casing Pulled Azimuth Grid (*) Length Core Size Lorged NQ Logged By  Casing Pulled Casing Plugged 4.10

Survey Tests

ithology			Assays			Au	Ag	Cu
ROM TO			SAMPLE#	FROM	TO	ppm	ppm	ppm
0.00 - 4.1	0 <b>ov</b>	B Overburden						
	Ove	rburden, casing.						
	010	bullott, castig.						
4.10 - 15.	70 <b>8a</b>	Gabbro, melagabbro						
	gree pyrit unit Plag	ium to coarse grained. 40-50% white plagioclase feldspar grains up to 6 mm. Matrix of dark in clinopyroxene, weakly chloritic matrix. Occasional small 1 cm fracture often containing and pyrrhotite. Weakly calcareous increasing downhole as shearing increases. At 10 m becomes increasingly sheared with the plagioclase feldspar decreasing in size and quantity, ioclase crystal outlines become increasingly less distinct. By 15.7 m feldspars dissapear, pyroxene is altered to chlorite with strong carbonate alteration and localized silicification.						
1.6	.•		821	14.70	15.70	0.00		
Mineraliza								
4.10 -	15.70	Pyrite Fracture Planes , Pyrrhotite Fracture Planes Occasional 1 cm fracture containing pyrite and pyrrhotite						
14 70 -	15 70	Pyrite Trace						
		Tyme Hace						
Alteration:		Oblantinostino Martin Martin Colonia and Martin						
4.10 -	15.70	Chloritization Matrix Weak, Calcareous Weak Calcite content increases downhole as shearing increases						
14.70 -	15.70	Calcareous Moderate						
15.69 -	15.70	Chloritization , Carbonatization Strong, Silicification Locally Clinopyroxene is altered to chlorite						
Structure:								
10.00 -	15.70	Shearing 0° to C/A At 10 m unit becomes increasingly sheared						
14.70 -	15.70	Shearing 0° to C/A Becoming increasingly sheared and fractured						
45.70 20.6	no e-	Author materials						
15.70 ~ 39.0		Gabbro, melagabbro						
		ared and aftered zone. Gabbro sheared and aftered to a carbonate/chlorite schist. Strong onate up to 50%, chlorite as lense shaped structures and clots remnant clinopyroxene. sted.						
15.70 -	16.70	QAV Quartz Ankerite Vein	822	15.70	16.70	0.00		
		20%	823	16.70	17.70	0.00		
19.70 -	20.70	QV Quartz Vein	824	17.70	18.70	0.00		
		Calcite/quartz/ankerite veining	825	18.70	19.70	0.00		
24.82 -	25.86	QV Quartz Vein	826	19.70	20.70	0.00		
44.02 -	20.00	15% quartz/calcite vein	827	20.70	21.70	0.00		
		र प्राचास कार्याक रकार	828	24.82	25.86 26.86	0.00 0.00		
			829	25.86	26.86	0.00		

Lithology	Assays		-	Au	Ag	Cu
ROM TO	SAMPLE#	FROM	TO	ppm	ppm	ppm
		26.00	35.34			
	830	35.34	36.24	0.00		
Mineralization:	831	38.00	39.00	0.00		
15.70 - 16.70 Pyrite Disseminated 2.00%						
16.70 - 18.70 Pyrite Disseminated 3.00%	ļ					
18.70 - 19.70 Pyrite 1.00%						
19.70 - 20.70 Pyrite 1.00%						
20.70 - 21.70 Pyrite Trace						
24.82 - 25.86 Pyrite 0.50%						
25.86 - 26.86 Pyrite Trace						
26.00 - 35.34 Pyrite Trace						
35.34 - 36.24 Pyrite 1.00%						
38.00 - 39.00 Pyrite Trace						
Alteration:						
15.70 - 39.00 Carbonatization Strong, Chloritization Clots  Carbonate up to 50%, chlorite as lens shaped structures and clots or remnant clinopyroxene						
15.71 - 16.70 Chloritization , Calcareous Strong, Silicification Moderate Brecciated with partial digestion of clasts						
16.70 - 19.70 Silicification , Calcareous Strong, Chloritization Reddish						
19.70 - 20.70 Carbonatization in Veins , Ankerite in Veins						
20.70 - 21.70 Silicification Weak Less attered						
25.86 - 26.86 Chloritization , Silicification Weak						
28.00 - 35.34 Silicification Patchy Weak						
35.34 - 36.24 Chloritization , Silicification	ĺ					
36.24 - 38.00						
Weakly altered	1					
38.00 - 39.00 Silicification Moderate  More strongly altered						
Structure:						
15.70 - 39.00 Foliation 60° to C/A Strong						
15.71 - 39.00 Shearing 0° to C/A Gabbro sheared and altered to a carbonate/chlorite schist						

Lithology	Assays			Au	Ag	Cu
FROM TO	SAMPLE#	FROM	TO	ррт	ppm	ррт
15.71 - 16.70 Brecciated 0° to C/A						
24.82 - 25.86 Shearing 0° to C/A Moderate						
35.34 - 36.24 Shearing 0° to C/A Strong						
35.35 - 36.24 Foliation 58° to C/A						
39.00 - 54.00 8a <u>Gabbro, melagabbro</u>						
Coarse grained, massive. 30-40% white plagioclase feldspar as disseminated crystals. Matrix dark green, fine grained clinopyroxene. Localized patchy intestitial clacite alteration. No distinct foliation.						
Alteration:						
39.00 - 54.00 Calcareous Locally						
Localized, patchy, interstitial calcite alteration						
54.00 - 63.00 SZ <u>Shear Zone</u>						
Massive calcite alteration. Light green, aphanitic, chlorite matrix, >50% carbonate. Traces of disseminated pyrite crystals. Upper contact over 30 cm with calcite veinlets.						
54.00 - 57.00 CCS Chlorite Carbonate Schist	832	54.00	55.00	0.00		
	833	55.00	56.00	0.00		
	834	56.00	57.00	0.00		
	835 836	57.00	58.00 59.00	0.01 0.00		
	837	58.00 59.00	60.00	0.00		
	838	60.00	61.00	0.00		
	839	61.00	62.00	0.00		
	840	62.00	63.00	0.00		
Mineralization:						
54.00 - 63.00 Pyrite Disseminated						
54.01 - 57.00 Pyrite Trace						
57.00 - 60.00 Pyrite Trace						
60.00 - 63.00						
Localized plagioclase crystals						
Alteration:						
54.00 - 63.00 Calcareous Massive , Carbonatization Moderate, Chloritization Matrix						
54.01 - 57.00 Carbonatization Massive , Chloritization Massive Aphanitic						
57.00 - 60.00 Carbonatization Massive , Silicification Weak Less carbonate, localized bleaching						

Lithology	Assays			Au	Ag	Cu
FROM TO	SAMPLE#	FROM	TO	ppm	ppm	ррт
60.00 - 63.00						
Less aftered						
Structure:						
54.00 - 63.00 Contact 0° to C/A Upper contact over 30 cm with calcite veinlets						
54.01 - 57.00 Foliation 58° to C/A						
57.00 - 60.00 Fracture 0° to C/A Hairline						
57.00 - 00.00 Fractine o to C/A Frammie	[					
63.00 - 82.20 8b Leucogabbro, anorthosite						
Altered Zone. Part of the above unit, no contacts. Unit is less calcareous with a light gray green colour, aphanitic, containing clasts of anorthositic gabbro which are partly digested but relatively unaltered. Clast size up to 30 cm. Patch carbonate and silica alteration. Trace pyrite						
Mineralization:						
63.00 - 82.20 Pyrite Trace						
Alteration:						
63.00 - 82.20 Calcareous , Silicification Patchy , Carbonatization Patchy Less calcareous						
82.20 - 98.00 8b Leucogabbro, anorthosite						
Part of the above unit. Clasts dissappear or become totally digested. More highly sheared and fractured. Sulphide content and degree of silicification increases.						
	841	82.20	83.20	0.01		
	842	83.20	84.00	0.00		
	843	84.00	85.00	0.00		
	844	85.00	86.00	0.00		
	845	86.00	87.00	0.00		
	846	87.00	88.00	0.00		
	847	88.00	89.00	0.00		
	848	89.00	90.00	0.00		
	849	90.00	91.00	0.00		
	850	91.00	92.00	0.00		
	46851	92.00	93.00	0.00		
	46852	93.00	94.00	0.00		
	46853	94.00	95.00	0.00		
	46854	95.00	96.00	0.00		
	46855	96.00	97.00	0.00		
	46856	97.00	98.00	0.00		
Mineralization:						
82.20 - 83.20 Pyrite 6.00%, Tourmaline Trace						

Lithology		Assays			Au	Ag	Cu
FROM TO		SAMPLE#	FROM	TO	ppm	ppm	ppm
	Tourmaline with quartz						
83.20 - 84.00	•						
84.00 - 85.00	·						
85.00 - 86.00	·						
86.00 - 87.00	Pyrite 1.00%						
87.00 - 88.00	Pyrite 6.00%						
88.00 - 89.00	Pyrite 8.00%						
89.00 - 90.00	Pyrite 2.00%						
90.00 - 91.00	Pyrite 2.00%						
91.00 - 92.00	Pyrite 2.00%						
92.00 - 93.00	Pyrite 1.00%	•					
93.00 - 95.00	Pyrite 1.00%, Pyrrhotite 1.00%						
95.00 - 96.00	Fucsite Trace, Tourmatine Trace						
Alteration:							
82.20 - 82.21	Silicification Degree of silicification increases	_					
82.22 - 83.20	Silicification						
83.20 - 84.00	Silicification Less silicified						
84.00 - 85.00	Calcareous Fracture controlled	]					
85.00 - 87.00	Calcareous In Veins , Silicification Moderate, Chloritization Contorted calcite veinlets						
87.00 - 88.00	Silicification Contorted veining						
88.00 - 89.00	Silicification						
89.00 - 90.00	Silicification Massive Strong, Fuchsite 90% quartz, 2-3% whispy green mica						
90.00 - 91.00	Chloritization Clots , Fuchsite Weak 90% quartz						
91.00 - 92.00	•						
92.00 - 93.00	Silicification , Calcareous Strong						
	Silicification Strong, Fuchsite Whisp Weak						
	Silicification Weak, Calcareous Strong						
	Silicification Patchy Moderate						

Lithology		Assays	•		Au	Ag	Си	
FROM TO		SAMPLE#	FROM	то	ppm_	ppm	ppm	
97.00 - 9	8.00 Silicification Weak, Chloritization Patchy , Calcareous Strong							
Structure:								
82.20 - 8	3.20 Shearing 0° to C/A							
83.20 - 8	4.00 Shearing 0° to C/A Less sheared							
84.00 - 8	5.00 Fracture 0° to C/A Weak, calcite fracture filling							
85.00 - 8	7.00 Shearing 0° to C/A Strong							
87.00 - 8	8.00 Shearing 0° to C/A Strong							
88.00 - 8	9.00 Shearing 0° to C/A Strong							
95.00 - 9	6.00 Foliation 50° to C/A							
98.00 - 123.87	8a Gabbro, melagabbro							
	Gradational contact with sheared zone. Return of shadowy plagioclase over a 6 m interval. Massive, locally weakly calcareous. Minor fracturing.							
113.20 - 11	4.00 QV Quartz Vein 5%	46857	113.20	114.00	0.00			
Mineralization	ı:							
113.20 - 11	4.00 Pyrite Trace							
Alteration:								
98.00 - 12	3.87 Calcareous Locally Weak							
113.20 - 11	4.00 Calcareous , Fuchsite Trace							
Structure:								
	3.87 Fracture 0° to C/A Minor							
113.20 - 11	4.00 Shearing 0° to C/A Weak							
123.87 - 126.60	7 Coope Crained Melle Letwin Poeks							
120.07 - 120.00								
	Pyroxenite. Fine grained, aphanitic, weakly calcareous. Intrudes the gabbro. 5% clasts of anorthositic gabbro, mostly confines to the top 2 m of the unit. Weak shearing with local chlorite alteration. Moderatly fractured with calcite fracture filling. 1% patchy disseminated pyrite as fine crystals.							
		46858	124.65	125.60	0.00			
		46859	125.60	126.60	0.00			
Mineralization	a:							
123.87 - 12	26.60 Pyrite Disseminated 1.00%							
124.65 - 12	26.60 Pyrite Disseminated 1.00%							

Lithology		Assays			Au	Ag	Cu
FROM TO		SAMPLE#	FROM	<u> 70</u>	ppm	ppm	ppm
161.00 - 162,00	Pyrite 1.00%, Tourmaline Trace						
Alteration:							
137.50 - 169.53	Chloritization , Calcareous Strong, Silicification Patchy Local silicification						
139.40 - 142.00	Carbonatization Strong, Silicification Patchy						
152.03 - 154.00	Chloritization , Calcareous In Veins Moderate, Silicification Patchy 5% calcite veinlets						
153.00 - 154.00							
	10% calcite veinlets						
	Silicification Patchy Moderate, Calcareous Interstitial Strong, Chloritization						
155.00 - 156.00	Silicification Patchy Weak, Calcareous Interstitial Strong 8% calcite veinlets						
161.00 - 162.00	Silicification Patchy Moderate, Calcareous Strong						
Structure:							
137.50 - 169.53	Foliation 43° to C/A						
139.40 - 142.00	Shearing 0° to C/A						
139.40 - 142.00	Brecciated 0° to C/A Weak						
152.03 - 154.00	Shearing 0° to C/A High						
154.00 - 155.00	Shearing 0° to C/A Increasing						
155.00 - 156.00	0° to C/A Decreasing						
161.00 - 162.00	Shearing 0° to C/A High						
169.53 - 196.70 <b>9c</b>	Trondhjemite (quartz porphyritic)						
	dhjemite. Gray massive, siliceous. 5%, up to 5 mm, gray quartz eyes. Weakly sericitic, ine fractures often with <1 mm pyrite on planes. Foliated. Sharp lower contact.						
180.24 - 181.14	QV Quartz Vein 30%, contorted, brecciated	46870	180.24	181.14	0.00		
Mineralization:							
169.53 - 196.70	Pyrite Fracture Planes						
180.24 - 181.14	Pyrite Trace						
Alteration:							
169.53 - 196.70	Silicification , Sericitization Weak						
Structure:							
169.53 - 196.70	Foliation 45° to C/A						
169.54 - 196.70	Contact 44° to C/A Lower contact sharp						

Lithology	Assays			Au	Ag	Си
FROM TO	SAMPLE #	FROM	<u> 70</u>	ppm	ppm	ppm
196.70 - 205.45 8a <u>Gabbro, melagabbro</u>						
Sheared, chloritic, plagiclase indistinct. Strong carbonate alteration. Well foliated. Numerous <1cm calcite veinlets. Weakly brecciated.						
196.70 - 205.45 CV <u>Calcite Vein</u> Numerous <1cm calcite veinlets	46873 46874		202.70 203.70	0.00 0.00		
201.75 - 202.70 CS Chlorite Schist	46875	203.70	231.70	0.00		
202.70 - 203.70 <b>QV Quartz Vein</b> 10%						
Mineralization:						
201.75 - 202.70 Pyrite Disseminated 6.00%						
202.70 - 203.70 Pyrite Disseminated 8.00%						
203.70 - 205.45 Pyrite 5.00% Fine pyrite						
Alteration:						
196.70 - 205.45 Chloritization , Carbonatization Strong, Calcareous In Veins						
201.75 - 203.70 Chloritization , Calcareous Weak						
203.70 - 205.45						
Structure:						
196.70 - 205.45 Foliation 45° to C/A						
202.70 - 203.70 Shearing 0° to C/A Decreasing						
205.45 - 222.00 8b Leucogabbro, anorthosite						
Anorthositic Gabbro. 30-40% white plagioclase, gray, massive. A larger % of plagioclase may be part of the fine grained matrix.						
222.00 - 225.90 13b <u>Lamprophyre</u>						
Lamphyre Sill. Dark green, fine grained, biotitic, chlorite alteration, highly calcareous. 3-4% disseminated pyrite.						
	46877	222.00	223.00	0.00		
	46878	223.00	224.00	0.00		
	46879	224.00		0.00		
	46880	225.00	225.90	0.00		
Mineralization:						
222.00 ~ 225.90 Pyrite Disseminated 4.00%						

Lithology	Assays			Au	Ag	Cu
FROM TO	SAMPLE#	FROM	TO	ppm	ppm	ppm
222.01 - 224.00 Pyrite 1.00%						
224.00 - 225.00 Pyrite 3.00%						
225.00 - 225.90 Pyrite 3.00%						
Alteration:						
222.00 - 225.90 Biotization , Chloritization , Calcareous Strong						
222.01 - 225.90 Biotization , Calcareous Strong						
224.00 - 225.00 Chloritization						
Structure:						
225.00 - 225.90 Contact 59° to C/A Lower contact sharp with gabbro						
225.90 - 250.00 8b Leucogabbro, anorthosite						
Anorthositic Gabbro. Upper contact is sheared over 2 m grading into a medium grained massive unit. Minor hairline fractures filled with calcite. Occasional speck of pyrite.						
245.50 - 245.51 <b>QV</b> <u>Quartz Vein</u> Calcite/quartz vein	46876	231.70	235.45	0.00		
Mineralization:						
225.90 - 250.00 Pyrite Specks						
245.50 - 245.51 Pyrite 2.00%						
Alteration:						
225.90 - 250.00 Calcareous Fracture controlled Weak						
Structure:						
225.90 - 250.00 Contact 0° to C/A Upper contact is sheared over 2 m grading into a medium grained massive unit						
225.91 - 250.00 Fracture 0° to C/A Minor hairline fractures filled with calcite						

Page 2 of 3

Element	Au	Au (AR)	Au	Au (R)	
Method	FAA303	FAA303	FAA303	FAA303	
Det.Lim.	0,01	0.01	0.001	0.001	
Units	<i>G</i> /T	G/T	OZ/T	OZ/T	
0821	<0.01		<0.001	-	
0822	<0.01,		<0.001		
0823	<0.01		<0.001		Į.
0824	<0.01	-	<0.001		}
0825	<0.01	-	<0.001		27-06
0826	<0.01	***	<0.001	_	' n6
0827	<0.01		<0.001		.4/0-
<b>0828</b>	<0.01		<0.001	<u>.</u>	$\Omega$
0829	<b>≺</b> 0.01		<0.001		
0830	<0.01		<0.001		
0831	<0.01		<0.001		
0832	<0.01		<0.001		
0833	<0.01		<0.001		
0834	<0.01	,	<0.001		
.0835	<0.01		<0.001		
0836	<0.01		<0.001		
10837	<0.01		<0.001		
0838	<0.01				
			<0.001	-	
0839	<0.01		<0.001	·	
0840	<0.01		<0.001		i i
0841	<0.01	. 7.	<0.001	•	
0842	0.01		<0.001		l l
0843	<0.01	,	<0.001		
0844	<0.01	ست. ماریخانی	<0.001		ļ
0845	<0.01	<0.01	<0.001	<0.001	1
0846	<0.01		<0.001		1
0847	<0.01	<b></b> .	<0.001	. =	ſ
0848	<0.01		<0.001		
0849	<0.01	-	< 0.001		/
0850	<0.01.	-	<0.001		
46851	<0.01	ene.	<0.001	-	_ /\_
48852	<0.01		<0.001		11)
46853	<0.01		<0.001	_	1
46654	<0.01		<0.001	-	
46855	<0.01		<0.001		ł
46856	<0.01		<0.001	-	07-06
46857	<0.01		<0.001		~~~
46858	<0.01		<0.001		$=$ $\sim 1^{\circ}$
46859	<0.01		<0,001		$\mathcal{O}$
46860	<0.01	• • · · · · · · · · · · · · · · · · · ·	<0.001		
45861	₹0.01	Para a mana diga da la pengalan da l	<0.001	·	<b>,</b>
48862	<0.01		<0.001		1
46863	<0.01		<0.001		
46864	<0.01	<u>-</u>	<0.001	• •	1
46865	<0.01		<0.001		1
45868	<0.01		<0.001		
46867	<0.01		<0.001		
46866	<0.01	<del></del> .	<0.001		<b>W</b>
TODOS CONTRACTOR CONTR	*U.U1			~-	<u> </u>

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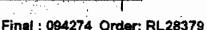
Page 3 of 3

	Fine	1:31.7	14075		
Element Method Det.Lim. Units	FAA303 0.01 G/T	Au (AR) FAA303 0.01 G/T	Au FAA303- 0.001 OZ/T	Au (R) FAA303 0.001 OZ/T	
46869	<0.01	<0.01	<0.001	<0.001	_
46870	<0.01:		<0.001		7)
46871	<0.01		<0.001		i
46872	<0.01	***	<0.001		
46873	<0.01		<0.001		100
46874	<0.01	•••	<0.001	` <b></b> -	27-0
46875	<0.01	·· · · · ·	<0.001	70	0'
46876	<0.01		<0.001		
46877	<0.01		<0.001	·	r
46878	<0.01		<0.001		1
46879	<0.01		<0.001	_	11
46880	<0.01		<0.001		<u>V</u>

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66077 10 41		5896		410		41	0-07	-06	J
	J	5830		<10		V	- 1	_	<b>-</b> .
#8878 <10 <1 #8879 <10 <1 #8860 <10 <1 **Dup 46858 <10 <1	Ŧ	M77 .		10		<1			
#8879 <10 <1 #880 <10 <1 Dup 46858 <10 <1		678		<10		<1			
#880 <10 <1 Dup 4888 <10 <1	Ţ,	<b>35</b> 79		<10		<1	V		
Dup 46656 <10 <1	Į.	1000	•	<10		-4	<u> </u>		
	7	Sup 40050		<10		۲۱			

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Page 2 of 2

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## Certificate of Analysis

Work Order: 094274

To: c/o Hexagon Resources Inc. 121 East Birch Avenue, Suite 508 FLAGSTAFF ARIZONA 55001 U.S.A. Date: Oct 10, 2007

P.O. No. : Project No. : RL28379 DEFAULT

No. Of Samples Date Submitted

o Jul 25, 2007

Report Compiles

Pages 1 to 2

(Indusive of Cover Sheet)

Distribution of unused material:

Discard after 90 days: 6 Pulps

Certified By :

Russ Calow, B.Sc., C.Chem. Vice President Global Geochemistry

ISO 17925 Accredited for Specific Tests. SCC No. 456

Report Footer:

L,N,R. = Listed not received

1.8. = Insufficient Sample

n.e. = Not applicable

- = No result

"NF = Composition of this earnple makes detection impossible by this method At after a result denotes ppts to ppm conversion, % denotes ppm to % conversion

Methods marked with an asterick (e.g. \*NAA08V) were subcontracted

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933 Carrada Inc.

Mineral Services 1885 Leelle Street Toronto ON M3B 2M3 1(416) 445-5755 1(416) 445-4182

www.aga.ca



DH-Q-07-06

## **Certificate of Analysis**

Work Order: RL28379

To: Q-GOLD (ONTARIO) LTD.

Attn: Jack Bolen 521 Mowat Avenue PO Box 358 Fort Frances ONTARIO P9A 3M5 Date: May 02, 2007

P.Q. No.

April 12, 2007

Project No.

80

No. Of Samples Date Submitted

Apr 16, 2007

Report Comprises

Pages 1 to 3 (Inclusive of Cover Sheet)

Certified By :

Susan Isaac

Report Footer:

L.N.R. = Listed not received

I.S. = Insufficient Sample

n.a. = Not applicable

- = No resu

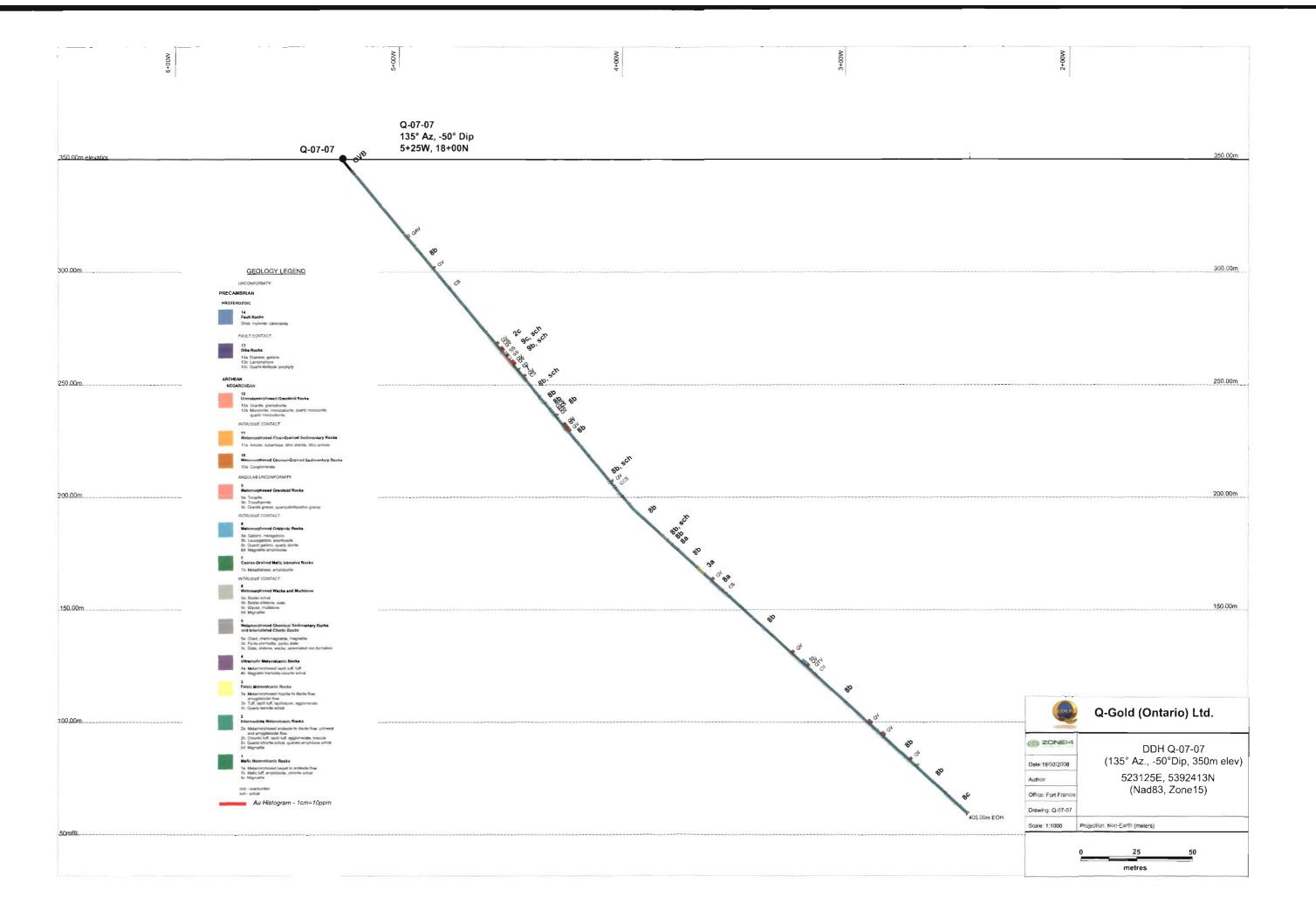
\*INF == Composition of this sample makes detection impossible by this method M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

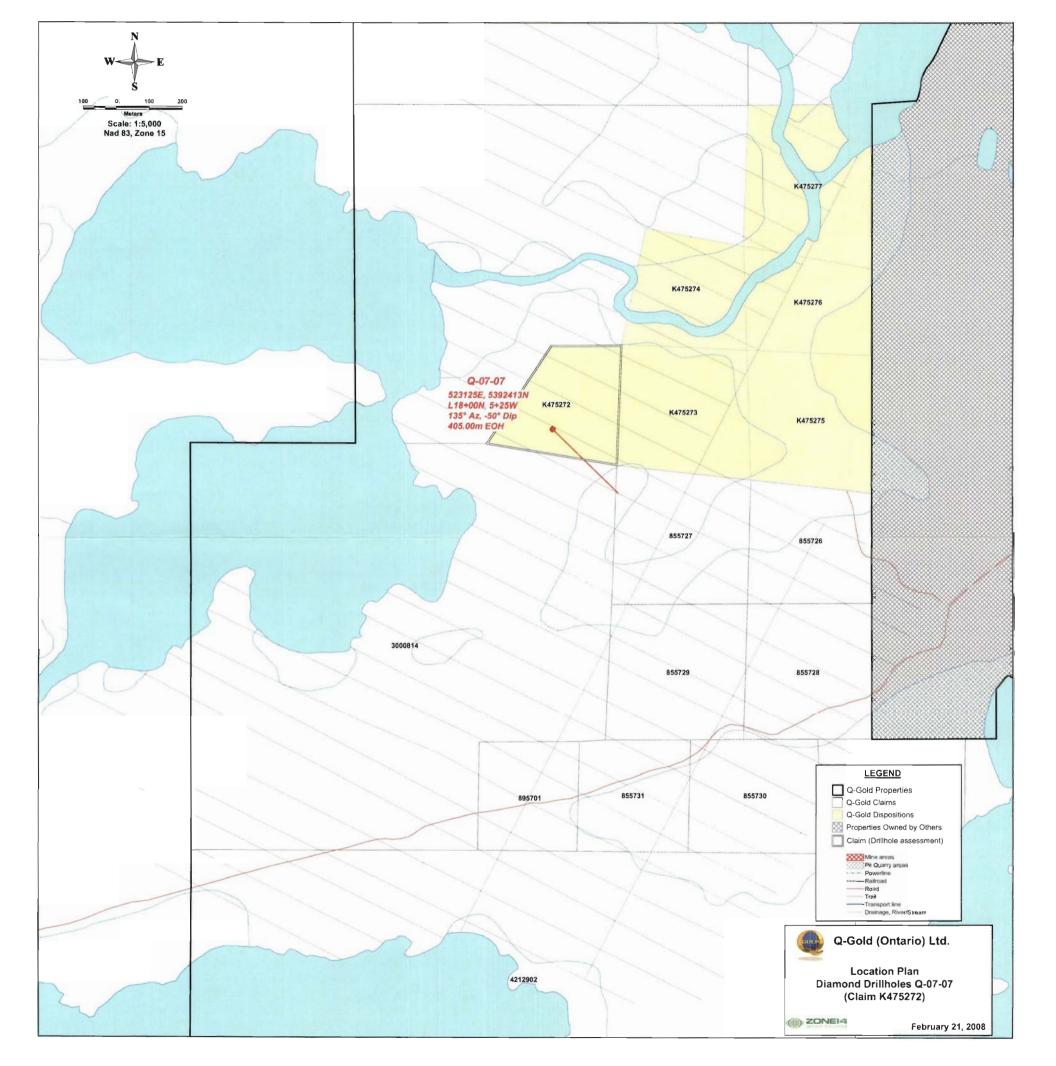
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SGS Canada Inc. | Minerale Services 16A Young St. PO Box 1349 Red Lake ON POV 2M0 t(807) 727-2939 f(807) 727-3183 www.sgs.ca

Q-07-07





## Drillhole Log

						Units Meter
UTM East	Datum	Local Grid E	Azimuth Grid (°)	Length	Core Size	Date Started
523125	NAD 83	525.00	135.00	405.00	NQ	04/05/2007
UTM North	UTM Zone	Local Grid N	Azimuth Astro. (°)	Collar Surve	y Method	Date Completed
5392413	15	1800.00	7187444 847	1		04/08/2007
UTM Elevation	Drill Contracto	or	Dip (°)	Logged By		
350.00	George Down	ing Estate	50.00	Jack M. Bok	en, B.Sc.	
Pulsed	Geophysics C	ontractor	Casing Pulled	Casing	Plugged	Plug Depth
				7.24		
			Core Storage			
			Comments			
	523125  UTM North  5392413  UTM Elevation  350.00	523125 NAD 83  UTM North UTM Zone  5392413 15  UTM Elevation Drill Contractor  350.00 George Down	523125         NAD 83         525.00           UTM North         UTM Zone         Local Grid N           5392413         15         1800.00           UTM Elevation         Drill Contractor           350.00         George Downing Estate	523125 NAD 83 525.00 135.00  UTM North UTM Zone Local Grid N Azimuth Astro. (*)  5392413 15 1800.00  UTM Elevation Drill Contractor Dip (*)  350.00 George Downing Estate 50.00  Pulsed Geophysics Contractor Casing Pulled  Core Storage	523125 NAD 83 525.00 135.00 405.00  UTM North UTM Zone Local Grid N Azimuth Astro. (*) Collar Surve  5392413 15 1800.00  UTM Elevation Drill Contractor Dip (*) Logged By  350.00 George Downing Estate 50.00 Jack M. Bok  Pulsed Geophysics Contractor Casing Pulled Casing  7.24  Core Storage	523125 NAD 83 525.00 135.00 405.00 NQ  UTM North UTM Zone Local Grid N Azimuth Astro. (*) Collar Survey Method  5392413 15 1800.00  UTM Elevation Drill Contractor Dip (*) Logged By  350.00 George Downing Estate 50.00 Jack M. Bolen, B.Sc.  Pulsed Geophysics Contractor Casing Pulled Casing Plugged  7.24  Core Storage

#### Survey Tests

220.14					_
Distance	Azimuth (°)	Azimuth Astro. (°)	Dip (°)	Survey Method	
405.00	0	0	-42	Dip test	

Lithology		Assays			Au	Ag	Cu
FROM TO		SAMPLE#	FROM	TO	ppm	ppm	ppm
0.00 - 7.24 <b>OVE</b>	3 <u>Overburden</u> rburden, casing.						
7.24 - 106.50 <b>8b</b>	Leucogabbro, anorthosite						
clino	thositic Gabbro. 60%, up to 7 mm, white to pale green plagioclase. Fine grained matrix of pyroxene. Weakly calcareous, interstitial and on fractures. Locally weakly sheared. Locally may be due to oxidation/weathering.						
44.50 - 45.75	QAV Quartz Ankerite Vein	46881	44.50	45.75	0.02		
		46882	63.00	63.45	0.02		
63.00 - 63.45	QV Quartz Vein	46883	102.30	103.30	0.02		
	60%	46884	103.30	104.30	0.02		
74.05 - 75.00	CS Chlorite Schiet	46885	104.30	105.30	0.01		
10.00		46886	105.30	106.50	0.01		
Mineralization:							
29.70 - 30.20	Pyrite Trace						
44.50 - 45.75	Pyrite Grains 2.00%, Magnetite Disseminated 0.50% Coarse pyrite						
63.00 - 63.45	Pyrite 4.00%, Magnetite , Tourmaline Trace						
74.05 - 75.00	Pyrite Trace Mafic clasts						
78.80 - 79.30							
	Mafic clasts						
102.30 - 103.30	Pyrite Disseminated 2.00%						
	Fine pyrite						
103.30 - 104.30	Pyrite 2.00%						
104.30 - 105.30	Pyrite 1.00%						
105.30 - 106.50	Pyrite 0.50%						
Alteration:							
	Calcareous Interstitial Weak Calcite on fractures and interstitial, locally pink due to oxidation/weathering						
20.60 - 21.00	Calcareous						
29.70 - 30.20	Calcareous Weak						
	Ankerite in Veins						
	Chloritization						
74.05 - 75.00	Choritzation						

Lithology	Assays		Au	Ag C	Cu .
FROM TO	SAMPLE #	FROM TO	ppm	ppm p	pm
78.80 - 79.30 Calcareous					
87.00 - 87.01 Calcareous Fracture controlled					
Fractures are filled with calcite, most cannot be seen except	with HCI				
102.30 - 105.30 Calcareous					
103.30 - 104.30 Silicification Weak					
104.30 - 105.30 Silicification Weak					
105.30 - 106.50 Chloritization Weak, Sericitization Weak, Calcareous Wea	k				
Structure:					
7.24 - 106.50 Shearing 0° to C/A Locally weak					
20.60 - 21.00 Shearing 0° to C/A Weak					
29.70 - 30.20 Shearing 0° to C/A Weak					
78.80 - 79.30 Shearing 0° to C/A					
87.00 - 87.01 Shearing 0° to C/A Weakly sheared and microbrecciated					
87.00 - 87.01 Brecciated 0° to C/A Microbrecciated					
87.01 - 87.02 Foliation 56° to C/A Weak foliation developing					
102.30 - 105.30 Shearing 0° to C/A Moderate					
103.30 - 104.30 Shearing 0° to C/A More					
06.50 - 111.40 2c Quartz-chlorite schist, quartz-amphibole schist					
Shear Zone. Chlorite Schist. Highly sheared. Locally strong calcite Disseminated and stringer pyrite, locally up to 15%. Locally silicifie magnetic with up to 5% fine disseminated magnetite crystals.					
106.50 - 107.50 QV Quartz Vein	46887	106.50 107.50	80.0		
25%, white	46868	107.50 108.50	0.01		
107.50 - 109.40 CS Chlorite Schist	46889	108.50 109.40	0.00		
Massive	46890 46891	109.40 110.40 110.40 111.40	0.00 0.01		
109.40 - 110.40 QV Quartz Vein 10%	40001	110.40 111.40	0.01		
110.40 - 111.40 QV <u>Quartz Vein</u> 10%					
Mineralization:					
106.50 - 111.40 Pyrite Stringers 15.00%, Magnetite Disseminated 5.00% Disseminated pyrite, fine magnetite					
106.51 - 107.50 Pyrite Disseminated 7.00%, Magnetite 2.00%	1				
107.50 ~ 108.50 Pyrite 2.00%, Magnetite 2.00%					

Lithology FROM TO		Assays SAMPLE#	FROM	то	Au ppm	Ag ppm	Cu ppm
	D 4 0004	SAMPLE #	FROM	10	ppiii	ррт	pp
108.50 - 109.40							
109.40 - 110.40	•						
110.40 - 111.40	Very fine pyrite						
Alteration:							
106.50 - 111.40	Chloritization , Calcareous Locally Strong, Silicification in Veins						
106.51 - 107.50	Calcareous Weak, Chloritization						
107.50 - 109.40	Chloritization , Ankerite Weak 1-2 mm pinhead ankerite crystals evenly disseminated thoughout						
Structure:							
106.50 - 111.40	Shearing 0° to C/A High						
106.51 - 111.40	Foliation 57° to C/A Strong						
110.40 - 111.40	Shearing 0° to C/A High, core is friable						
111.40 - 116.00 <b>9c, s</b>	ch <u>Trondhlemite (quartz porphyritic). Sch</u>						
Trond	thjemite. Highly sheared, pink, schistose. 5%, 6-8 mm, quartz eyes.						
112.40 - 113.40	SS Sericite Schiet	46892	111.40	112.40	0.00		
113.49 - 114.40	S3 Sericite Schist	46893 46894		113.40 114.40	0.00 0.00		
113.41 - 114.10	QV Quartz Vein 2%	46895 46896		115. <b>4</b> 0 116.00	0.00 0.01		
114.40 - 116.00	SS Sericite Schiat						
Mineralization:							
111.41 - 112.40	Pyrite Trace						
112.40 - 113.40	Pyrite Trace						
113.40 - 114.40	Pyrite Trace , Tourmaline Trace						
Alteration:							
111.41 - 112.40	Sericitization						
112.40 - 113.40	Sericitization						
113.40 - 114.40	Sericitization						
114.40 - 116.00	Sericitization						
Structure:							
	Shearing 0° to C/A High, core is friable						

Lithology	Assays		***************************************	Au	Ag	Cu
FROM TO	SAMPLE#	FROM	TO	ppm	ppm	ppm
112.40 - 113.40 Shearing 0° to C/A Less						
114.00 - 116.00 Shearing 0° to C/A High, schistose						
116.00 - 119.40 9b, sch <u>Granite Gneiss. Sch</u>						
Anorthositic Gabbro. Sheared, sericitic, 30% shadwoy plagioclase.						
117.00 - 118.90 QV Quartz Vein	46897	116.00	117.00	0.00		
15%	46898		118.00	0.00		
118.90 - 119.40 <b>QV</b> <u>Quartz Vein</u> 50%	46899 46900		118.90 119.40	0.00 0.00		
Mineralization:						
116,00 - 119.40						
30% shadowy plagloclase						
116.01 - 117.00 Pyrite 0.50%						
117.00 - 118.00 Pyrite 8.00%						
118.00 - 118.90 Pyrite Trace						
118.90 - 119.40 Pyrite 8.00%						
Alteration:						
116.00 - 119.40 Sericitization						
Structure:						
116.00 - 119.40 Shearing 0° to C/A						
116.01 - 118.90 Shearing 0° to C/A						
116.02 - 118.90 Foliation 69° to C/A						
119.40 - 127.63 7 Coarse-Grained Mafic Intrusive Rocks						
Pyroxenite. Massive, very fine grained, green, weakly fractured. 1-2% finely disseminated pyrite. Sharp contacts. Magnetic, locally up to 50% very fine magnetite. >90% clinopyroxene.						
121,92 - 122.15 FD Felsite Dike	47301	119.40	120.40	0.00		
Pink granite dike	47302	120,40	121.40	0.00		
125.40 - 126.30 QV Quartz Vein	47303		122.40	0.02		
10 cm	47304		123.40	0.01		
127.00 - 127.63 CS Chlorite Schist	47305 47306		124.40 125.40	0.02 0.01		
	47307		126.30	0.02		
	47308		127.00	0.01		
	47309	127.00	127.63	0.01		
Mineralization:						

Lithology	Assays			Au	Ag	Cu
ROM TO	SAMPLE#	FROM	TO	ppm	ppm	ррт
119.40 - 127.63 Pyrite Disseminated 2.00%, Magnetite 50.00% Fine pyrite and magnetite						
119.41 - 120.40 Pyrite 3.00%, Magnetite						
120.40 - 121.40 Pyrite 0.50%						
122.40 - 125.40 Pyrite Trace , Magnetite 25.00%						
125.40 - 126.30 Pyrite Trace						
127.00 - 127.63 Pyrite 5.00%						
Alteration:						
127.00 - 127.63 Chloritization , Calcareous						
Structure:						
119.40 - 127.63 Fracture 0° to C/A Weak						
119.41 - 127.63 Contact 53° to C/A Sharp						
121.92 - 122.15 Contact 53° to C/A Sharp, pink granite dike						
126.30 - 127.00 Shearing 0° to C/A						
127.00 - 127.63 Shearing 0° to C/A High	1					
127.63 137.30 Sh ash Lausannahhun anarthasita Cah						
127.63 - 137.30 8b, sch Leucogabbro, anorthosite. Sch						
Anorthositic Gabbro. Sheared, calcareous, massive, light gray. Foliated. 50% white plagioclase with a fine grained matrix of clinopyroxene and plagioclase.						
	47310	127.63	128.53	0.00		
Mineralization:						
127.63 - 128.53 Pyrite Trace						
Alteration:						
127.63 - 137.30 Calcareous						
127.64 - 128.53 Calcareous Cemented	ļ					
Calcite cementing fractures						
Structure:						
127.63 - 137.30 Shearing 0° to C/A						
127.64 - 137.30 Foliation 56° to C/A						
127.65 - 128.53 Fracture 0° to C/A Weak with calcite cementing						
127.66 - 128.53 Shearing 0° to C/A Massive						
137.30 - 141.30 8b Leucogabbro, anorthosite						
Silicified Zone, Very fine grained, aphanitic, Light gray, massive. Calcite restricted to						
microfractures. Trace of disseminated pyrite.						

Lithology	Assays			Au	Ag	Cu	
FROM TO	SAMPLE#	FROM	<u> 70 </u>	ppm	ppm	ppm	
	47311		138.30	0.01			
	47312		139.30	0.00			
	47313 47314		140.30 141.30	0.01 0.01			
Mineralization:	4/314	140.30	141.30	0.01			
137.30 - 141.30 Pyrite Disseminated							
Trace pyrite							
137.31 - 140.30 Pyrite Trace							
Aphanitic							
Alteration:							
137.30 - 141.30 Silicification , Calcareous Fracture controlled							
Calcite restricted to fractures							
137.31 - 141.30 Silicification							
Structure:	ł						
137.30 - 144.72 Fracture 0° to C/A Calcite fracture filling							
444.20 444.72 Bb   1							
141.30 - 144.72 8b							
Anorthositic Gabbro. Medium grained. 60% white płagioclase. 30% fine grained clinopyroxene matrix. 20% fine grained plagioclase matrix. Calcareous, interstitial całcite as well as minor fracture filling.							
Alteration:							
141.30 - 144.72 Calcareous Interstitial							
Calcite fracture filling							
444.70							
144.72 - 148.00 8b Leucogabbro, anorthosite							
Anorthositic Gabbro. Highly sheared. Chlorite carbonate schist. 40% calcite as laminae and interstitial. Foliated.							
144.72 - 148.00 CCS Chlorite Carbonate Schist	47315 47316		145.70	0.00			
144.73 - 145.70 CCS Chlorite Carbonate Schist	47316		146.70 147.70	0.02 0.01			
440.70 447.70 00 014 4 0 44 .	47318		148.50	0.02			
146.70 - 147.70 CS <u>Chlorite Schist</u>							
Mineralization:							
144.72 - 145.70 Pyrite 0.50%							
144.72 - 145.70 Pyrite 0.50% 145.70 - 146.70 Pyrite 6.00%							

Lithology		Assays			Au	Ag	Cu
FROM TO		SAMPLE#	FROM	<u> </u>	ppm	ppm	ppm
147.70 - 148.50	Pyrite Trace						
Alteration:		1					
144.72 - 148.00	Chloritization , Carbonatization , Calcareous Interstitial Calcite as laminae						
144.73 - 145.70	Chloritization , Carbonatization , Silicification Bands Weak <3% silliceous bands						
145.70 - 146.70	Silicification 40% quartz						
146.70 - 147.70	Silicification Weak, Chloritization						
147.70 - 148.50	Silicification Moderate						
Structure:							
144.72 - 148.00	Shearing 0° to C/A High						
144.73 - 148.00	Foliation 62° to C/A						
148.00 ~ 171.50 <b>8b</b>	Leucogabbro, anorthosite						
grair	thositic Gabbro. Medium grained. 60% white plagiocalse feldspar. Matrix a mix of fine ned clinopyroxene and plagioclase. Unit is brecciated on a metre scale. Fractures are ented with quartz at various angles. Minor pyrite dissemianted throughout.						
148.50 - 149.00	QV Quartz Vein	47319 47320		149.00 154.10	0.02 0.01		
153.40 - 154.10	QV Quartz Veln 5%, fracture filling	47321 47322	154.10	155.10 156.10	0.01 0.01		
154.10 - 155.10	QV <u>Quartz Vein</u> Minor	47323		157.95	0.01		
155.10 - 156.10	QV Quartz Vein 5%						
156.10 - 157.95	QV Quartz Vein 5%	,					
Mineralization:							
148.50 - 149.00	Pyrite Trace , Tourmaline Trace						
149.00 - 171.50	Pyrite Disseminated						
153.40 - 154.10	Pyrite 0.50%						
154.10 - 155.10	Pyrite Trace						
155.10 - 156.10	Pyrite Trace						
156.10 - 157.95	Pyrite 2.00%						
156.10 - 157.95	Pyrite 2.00%						

Lithology		Assays			Au	Ag	Cu
ROM TO		SAMPLE#	FROM	TO	ppm	ppm	ррт
Structure:							
149.00 ~ 171.	50 Fracture 0° to C/A Cemented with quartz at various angles						
153.40 - 154.	10 Fracture 0° to C/A						
171.50 - 195.40 <b>8</b>	b, sch <u>Leucogabbro, anorthosite. Sch</u>						
A ci ty	nothositic Gabbro. Sheared, massive. Unit becomes sheared, dark green, chloritic. Plagioclase ystals dissapear or become shadowy. Fine grained, calcareous. Localized pyrite up to 1%, pically trace with occasional disseminated grains. Weakly fractured with calcite fracture filling. ocally realatively unaltered.						
186.65 - 187.	40 QV Quartz Vein	47324	185.65	186.65	0.02		
	Minor	47325	186.65	187.40	0.02		
189.40 - 190.	40 CCS Chiorite Carbonate Schist	47326	189.40	190.40	0.01		
100.70 = 100.	Attented Attention Action	47327	192.41	193.40	0.06		
		47328	193.40	194. <del>4</del> 0	0.02		
		47329	194.40	195.40	0.01		
Mineralization:		1					
171.50 - 195.	40 Pyrite Disseminated 1.00%						
40E CE 40E	Localized pyrite, plaglociase crystals dissapear or become shadowy						
	65 Pyrite Disseminated 3.00%						
186.65 - 187.	40 Pyrite Trace 0.50%						
187.40 - 189.	40 Pyrite Trace Remnant plagioclase						
189.40 - 190.	40 Pyrite 0.50%, Magnetite Vein Trace of magnetite in calcite veins						
190.40 - 192.	41						
	40% plagioclase						
193.40 - 195.	40 Pyrite Trace						
Alteration:							
171.50 - 195.	40 Calcareous , Chloritization Fracture controlled Relativity unaltered, massive						
185.65 - 187.	40 Calcareous Fracture controlled , Calcareous Matrix 5% calcite fracture filling						
189.40 - 190.	40 Chloritization , Carbonatization , Calcareous in Veins 20% calcite veins						
190.40 - 192.	<del>\$</del> 1						
	Less aftered						
192.41 - 193.	Sericitization , Silicification Weak, Calcareous In Veins Moderate 15% calcite veinlets on foliation						

Lithology	Assays			Au	Ag	Cu
FROM TO	SAMPLE#	FROM	то	ppm	ppm	ppm
Structure:						
171.50 - 195.40 Shearing 0° to C/A						
171.51 - 195.40 Fracture 0° to C/A Weak, calcite fracture filling						
185.65 - 186.65 Shearing 0° to C/A						
185.66 - 187.40 Fracture 0° to C/A 5% calcite fracture filling						
187.40 - 189.40 Shearing 0° to C/A Less						
189.40 - 190.40 Shearing 0° to C/A High						
192.41 - 193.40 Shearing 0° to C/A High						
192.42 - 193.40 Foliation 52° to C/A						
193.40 - 195.40 Shearing 0° to C/A Weak						
195.40 - 220.50 8b Leucogabbro, anorthosite						
Anorthositic Gabbro. Massive. 50-60%, up to 6-7 mm, white plagioclase feldspar. Matrix of dark green clinopyroxene and fine plagioclase. Moderatty fractured, cemented with calcite. Locally weakly sheared where plagioclase becomes much finer grained, shadowy boundaries and develops a weak foliation. Localized patchy pyrite up to 1% over decimetre widths. Minor localized weak silicification. Lower contact is gradational over 2 m where by plagioclase becomes finer and chlorite content increases.						
	47330	195.40	195.41	0.01		
Mineralization:						
195.40 - 195.41 Tourmaline Trace Tourmaline cementing						
195.42 - 220.50 Pyrite Grains 1.00% Localized patchy pyrite over decimetre widths						
Alteration:						
195.40 - 195.41 Calcareous Cemented						
195.42 - 220.50 Calcareous Cemented , Silicification Locally Weak						
Structure:						
195.40 - 195.41 Fracture 0° to C/A Weak, calcite with trace tourmaline cementing						
195.42 - 220.50 Fracture 0° to C/A Moderate, cemented with calcite						
195.43 - 220.50 Shearing of to C/A Local, weak						
195.44 - 220.50 Contact 0° to C/A Lower contact gradational over 2 m						
220.50 - 223.57 8b, sch Leucogabbro, anorthosite. Sch						
Anorthositic Gabbro. Highly altered and sheared. Chlorite Carbonate Schist. 20% calcite, interstitial as well as fracture filling. Foliated.						
Alteration:						

Lithology		Assays			Au	Ag	Cu
FROM TO		SAMPLE#	FROM	то	ррт	ppm	ррт
220.50 - 223.57	Calcareous Interstitial , Chloritization , Carbonatization 20% calcite, interstitial as well as fracture fill	ļ					
Structure:							
220.50 - 223.57	Shearing 0° to C/A						
220.51 - 223.57	Fracture 0° to C/A Calcite fracture filling						
220.52 - 223.57	Foliation 56° to C/A						
223.57 - 226.50 <b>8b</b>	Leucogabbro, anorthosite						
	rthositic Gabbro. Weakly altered. Highly microfractured. Numerous hairline fractures filled calcite.						
Alteration:							
223.57 ~ 226.50	Calcareous Fracture controlled Weakly aftered						
Structure:							
223.57 - 226.50	Fracture 0° to C/A Highy microfractured, numerous hairline fractures filled with calcite						
226.50 - 229.85 <b>8a</b>	Gabbro, melagabbro						
	ly aftered and sheared. Calcareous, chloritic, massive. Numerous partially destroyed thosite clasts.						
Alteration:							
226.50 - 229.85	Calcareous , Chloritization						
Structure:							
226.50 - 229.85	Shearing 0° to C/A						
226.51 - 229.85	Fracture 0° to C/A						
229.85 - 241.50 <b>8b</b>	Leucogabbro, anorthosite						
Anor calci	rthositic Gabbro. Altered. Strong micro fracturing. Weakly foliated. Micro fractures filled with ite. Coarse to medium grained. Lower contact sharp.						
Mineralization:							
241.15 - 246.20	Pyrite Crystals						
Alteration:							
229.85 - 241.15	Calcareous Fracture controlled , Brecciation						
241.15 - 246.20	Sericitization , Calcareous						
Structure:							
229.85 - 241.15							

Lithology	Assays			Au	Ag	Cu
FROM TO	SAMPLE#	FROM	TO	ppm	ppm	ppm
Contact 48° to C/A Lower contact sharp						
229.86 - 241.15 Fracture 0° to C/A Strong micro fracturing						
229.87 - 241.15 Foliation 0° to C/A Weak						
241.15 - 246.20 Foliation 43° to C/A Well, micro brecciated						
241.50 - 246.20 3a Metamorphosed rhyolite to dacite flow, amygdaloidal flow						
Quartz-Eye Sericite Schist. 1% gray quartz eyes up to 6 mm size. Well foliated. L Calcareous, micro brecciated. Occasional pyrite crystal.	ight pink.					
246.20 - 260.70 <b>8a</b> <u>Gabbro, melagabbro</u>						
Chloritic, highly micro brecciated, spiderweb pattern. Calcite fracture filling. Trace widely disseminated crystals. Locally weakly sericitic and chloritic.	pyrite as					
249.70 - 250.70 QV Quartz Vein	47331	249.70	250.70	0.01		
70% quartz, white, massive with ankerite clasts	47332	250.70	251.70	0.02		
256.70 - 258.70 CS Chlorite Schist	47333	251.70		0.01		
Numerous gabbro clasts	47334	252.70		0.01		
	47335	253.70		0.01		
	47336 47337	254.70 255.70		0.01 0.01		
	47338	256.70	257.70	0.01		
	47339	257.70		0.02		
	47340	258.70	259.70	0.01		
	47341	259.70	260.70	0.01		
Mineralization:	†					
246.20 - 260.70 Pyrite Disseminated 1.00%	+					
250.70 - 252.70 Pyrite Disseminated 1.00%						
252.70 - 254.70 Pyrite 0.50%						
254.70 - 256.70 Pyrite 1.00%						
256.70 - 258.70 Pyrite Trace	ļ					
258.70 - 259.70 Pyrite Trace						
259.70 - 260.70 Pyrite Trace						
Alteration:						
246.20 - 260.70 Chloritization Locally Weak, Calcareous Fracture controlled , Sericitization Weak	Locally					
249.70 - 250.70 Ankerite Clasts Moderate 5% ankerite, 25% clasts						

Lithology	Assays			Au	Ag	Cu	
FROM TO	SAMPLE#	FROM	TO	ppm	ppm	ppm	
250.70 - 254.70 Silicification Weak, Calcareous Fracture controlled							
254.70 - 256.70 Sericitization Weak							
255.70 - 256.70 Chloritization Moderate							
256.70 - 258.70 Calcareous Fracture controlled							
257.70 - 258.70 Silicification Patchy Weak							
258.70 - 259.70 Sericitization Bands Moderate							
259.70 - 260.70 Sericitization Bands Moderate							
Structure:							
250.70 - 254.70 Brecclated 0° to C/A Microbrecciated							
254.70 - 255.70 Shearing 0° to C/A							
256.70 - 258.70 Fracture 0° to C/A Calcite fracture filling							
259.70 - 260.70 Foliation 64° to C/A							
260.70 - 300.00 8b Leucogabbro, anorthosite							
Anorthositic Gabbro. Medium to coarse grained, massive. 50-60% plagioclase feldspar, often up to 1 cm. Weakly sheared, elongates feldspars, weak to moderate foliation. Locally micro brecciated with numerous hairline fractures cemented with calcite. Occasional speck of pyrite. Matrix of fine grained clinopyroxene.							
297.95 - 299.00 QV Quartz Vein	47342	260.70	260.71	0.01			
40%	47343		282.30	0.02			
	47344 47345	282.30 297.00	283.20 297.75	0.02 0.01			
	47346		299.00	0.01			
	473 <del>4</del> 7	299.00	300.00	0.00			
Mineralization:							
260.70 - 300.00 Pyrite Specks							
281.30 ~ 283.30 Pyrite Disseminated 3.00%							
297.00 - 297.95 Pyrite Disseminated 5.00%							
297.95 - 299.00 Pyrite Trace 0.50%							
299.00 - 300.00 Pyrite Trace							
Alteration:							
297.95 - 299.00 Chloritization							
299.00 - 300.00 Chloritization Patchy , Calcareous							
Structure:							
260.70 - 300.00 Foliation 0° to C/A Weak to moderate	-						

ithology	Assays			Au	Ag	Çu
ROM TO	SAMPLE#	FROM	TO	ppm	ppm	ppm
260.71 - 300.00 Fracture 0° to C/A Numerous hairline fractures cemented with calcite						
260.72 - 300.00 Shearing 0° to C/A Weak, elongates feldspars						
281.30 - 283.20 Foliation 6° to C/A Weak, massive						
297.95 - 299.00 Shearing 0° to C/A						
299.00 - 300.00 Shearing 0° to C/A Weak						
•						
300.00 - 354.00 8b Leucogabbro, anorthosite						
Anorthositic Gabbro. Medium to coarse grained. 60-70% white plagioclase within a finer grained clinopyroxene matrix, has intruded a finer grained gabbro. Numerous white clasts of gabbro within the anorthosite. Typically mineralized with 2-5% disseminated pyrite within mainty confined to the clinopyroxene within the coarse grained anorthositic gabbro. Clasts are rounded, rarely angular and highly calcareous. Often chloritic. Intrusive has been micro brecciated with numerous hairline fractures, cemented with calcite. Best seen with HCI.						
304.00 - 308.00 8b Leucogabbro, anorthosite	47348	300.00	301.00	0.01		
Anorthositic, highly micro brecciated	47349	301.00	302.00	0.00		
207.00 209.00 OM Owner Malin	47350	302.00	303.00	0.01		
307.00 - 308.00 QV <u>Quartz Veln</u> 3%	47351	303.00	304.00	0.01		
3 %	47352	304.00	305.00	0.01		
309.00 - 310.00 QTV Quartz Tourmaline Veln	47353	305.00	306.00	0.01		
3%	47354	306.00	307.00	0.00		
312.00 - 313.00 CV Calcite Vein	47355	307.00	308.00	0.03		
5 cm	47356	308.00	309.00	0.01		
344.00 - 346.00 QV Quertz Vein	47357	309.00	310.00	0.00		
5%	47358	310.00	311.00	0.00		
	47359	311.00	312.00	0.00		
352.00 - 354.00 QV <u>Quartz Vein</u>	47360	312.00	313.00	0.00		
5%	47361	313.00	314.00	0.03		
	47362	314.00	315.00	0.00		
	47363	315.00	316.00	0.01		
	47364	316.00	317.00	0.01		
	47365	317.00	318.00	0.00		
	47366	318.00	319.00	0.01		
	47367	319.00	320.00	0.00		
	47368	320.00	321.00	0.00		
	47369	321.00	322.00	0.01		
	47370	322.00	323.00	0.00		
	47371	330.00	331.00	0.00		
	47372	331.00	332.00	0.00		
	47373	332.00	333.00	0.00		
	47374	333.00	334.00	0.00		

ithology		Assays			Au	Ag	Cu	
ROM TO		SAMPLE#	FROM	то	ppm	ppm	ppm	
		47375	338.00	339.00	0.00			
		47376	339.00		0.00			
		47377	340.00	341.00	0.00			
		47378	341.00	342.00	0.00			
		47379	342.00	343.00	0.00			
		47380	343.00		0.00			
		47381	344.00		0.00			
		47382	345.00		0.00			
		47383		347.00	0.00			
		47384	347.00		0.00			
		47385	348.00		0.01 0.00			
		47386 47387	349.00 350.00		0.00			
		47388	351.00	352.00	0.01			
		47389	352.00		0.02			
		47390		354.00	0.00			
Mineralization:								
300.00 - 354.00	Pyrite Disseminated 5.00%							
	Mainly confined to the clinopyroxene within the coarse grained anorthositic gabbro							
300.01 - 301.00	Pyrite Disseminated 4.00%							
301.00 - 302.00	Pyrite 1.00%							
302.00 - 303.00	Pyrite 1.00%							
303.00 - 304.00	Pyrite 2.00%							
	Pyrite Disseminated 5.00%							
001100 = 000100	Pyrite as disseminated grains in clinopyroxenes surrounding plagloclase crystals							
305.00 - 306.00	Pyrite 4.00%							
306.00 - 307.00	Pyrite 2.00% Finer grains							
307.00 - 308.00	Pyrite 1.00%, Chałcopyrite Trace							
308.00 - 309.00	Pyrite 3.00% Coarse grained							
309.00 - 310.00	Pyrite 2.00%, Tourmaline 3.00%							
310.00 - 311.00								
311.00 - 312.00	•							

Lithology		Assays			Au	Ag	Cu
FROM TO		SAMPLE#	FROM	то	ррт	ppm	ppm
312.00 - 313.00	Pyrite Disseminated 2.00%, Magnetite 2.00% Coarse grained						·
313.00 - 314.00	Pyrite 1.00% Coarse grained						
314.00 - 315.00	Pyrite 0.50% Coarse grained						
315.00 - 316.00	Pyrite Vein 4.00%, Magnetite Vein 1.00% Mineralized calcite veinlets						
316.00 - 317.00	Pyrite 1.00%						
317.00 - 318.00	Pyrite Disseminated 2.00%						
318.00 - 319.00	Pyrite 2.00% Coarse grained						
319.00 - 320.00	Pyrite 2.00%						
320.00 - 321.00	Pyrite 3.00%						
321.00 - 322.00	Pyrite 3.00%						
322.00 - 323.00	Pyrite 4.00%						
330.00 - 331.00	Pyrite 4.00%						
331.00 - 332.00	Pyrite 5.00%						
332.00 - 333.00	Pyrite 4.00%						
333.00 - 334.00	Pyrite 2.00%						
334.00 ~ 338.00	Pyrite Trace						
338.00 ~ 339.00	Pyrite Disseminated 5.00%						
339.00 - 340.00	Pyrite 2.00%						
340.00 - 341.00	Pyrite 3.00%						
341.00 - 342.00	Pyrite 3.00%						
342.00 - 344.00	Pyrite Trace , Tourmaline Fracture Planes						
343.00 - 344.00	Pyrite 2.00%						
344.00 - 345.00	Pyrite 3.00% Fine grained						
346.00 - 347.00	Pyrite 3.00% Fine grained						
347.00 - 348.00	Pyrite 5.00%						
348.00 - 349.00	Pyrite 3.00%						
349.00 - 350.00	Pyrite 1.00%						

Lithology		Assays			Au	Ag	Cu
FROM TO		SAMPLE#	FROM	то	ppm	ppm	ppm
350.00 - 351.00	Pyrite 4.00%						'
351.00 - 352.00	Pyrite 5.00%						
352.00 - 354.00	Pyrite Disseminated 5.00%, Tourmaline Fracture Planes						
353.00 - 354.00	Pyrite 4.00%						
Alteration:							
300.00 - 354.00	Calcareous Cemented Hairline fractures cemented						
300.01 - 303.00	Calcareous Cemented Micro brecciated with calcite cementing (hairline fractures)						
303.00 - 304.00	Chloritization						
314.00 - 315.00	Calcareous Less calcareous						
315.00 - 316.00	Calcareous In Veins						
316.00 - 317.00	Calcareous						
318.00 - 319.00	Silicification Patchy Weak						
319.00 - 334.00	Silidfication Patchy Weak						
338.00 - 341.00	Silicification Patchy Weak, Chloritization Clasts Moderate Fine grained chlorite						
341.00 - 342.00	Chloritization , Silicification Patchy Weak						
344.00 - 346.00	Silicification Weak						
346.00 - 347.00	Chloritization Moderate, Calcareous In Veins						
347.00 - 348.00	Calcareous Fracture controlled Brecciated, calcite fracture filling						
348.00 - 349.00	Calcareous In Veins						
349.00 - 350.00	Calcareous Cemented						
351.00 - 352.00	Silicification Weak						
352.00 - 354.00	Silicification						
Structure:							
300.00 - 354.00	Fracture 0° to C/A Microbrecciated with numerous hairline fractures, cemented with calcite						
	Brecciated 0° to C/A						
	Shearing 0° to C/A Weak						
	Fracture 0° to C/A Less fractured						
315.00 - 316.00	Shearing 0° to C/A Patchy with calcite veinlets						

Lithology	Assays			Au	Ag	Cu	
FROM TO	SAMPLE#	FROM	<u> 70 </u>	ppm	ppm	ppm	···
316.00 - 317.00 Shearing 0° to C/A							
316.01 - 317.00 Foliation 27° to C/A							
317.00 - 318.00 Contact 0° to C/A Gradationally less sheared over sample, strong micro brecciation							
319.00 - 334.00 Shearing 0° to C/A Weak							
334.00 - 339.00 Fracture 0° to C/A Many clasts, breccia							
346.00 - 347.00 Fracture 0° to C/A							
347.00 - 348.00 Brecciated 0° to C/A							
348.00 - 349.00 Fracture 0° to C/A							
349.00 - 350.00 Fracture 0° to C/A Well, calcite cementing							
350.00 - 351.00 Fracture 0° to C/A Weak							
351.00 - 352.00 Shearing 0° to C/A Weak							
352.00 - 354.00 Fracture 0° to C/A Tourmaline fracture filling							
·							
354.00 - 373.00 8b Leucogabbro, anorthosite							
Anorthositic Gabbro. Medium to coarse grained, massive. Variable 40-75% plagiocalse. Microfractured with numerous hairline fractures filled with calcite, best seen with HCl. Calcareous throughout, as veinlets. Localized weak brecclation.							
369.00 - 370.00 QV Quartz Vein	47391	354.00	355.00	0.00			
20 cm quartz vein at 25 to CA	47392	355.00	356.00	0.01			
	47393	356.00		0.00			
	47394	357.00		0.00			
	47395	358.00		0.00			
	47396	359.00		0.00			
	47397	360.00	361.00	0.00			
	47398 47399	361.00 362.00	362.00 363.00	0.00 0.00			
	47400	363.00	364.00	0.02			
	47401	364.00		0.02			
	47402	365.00	366.00	0.00			
	47403	366.00	367.00	0.00			
	47404	367.00	368.00	0.00			
	47405	368.00	369.00	0.00			
	47406		370.00	0.12			
	47407	370.00		0.00			
	47408	371.00		0.01			
	47409	372.00	373.00	0.00			
Mineralization:							

Lithology		Assays			Au	Ag	Cu
FROM TO		SAMPLE#	FROM	TO	ppm	ppm	ppm
354.01 - 355.00	Pyrite Disseminated 4.00%						
355.00 - 356.00	Pyrite 5.00%						
356.00 ~ 357.00	Pyrite 0.50%						
357.00 - 358.00	Pyrite 2.00%						
358.00 - 359.00	Pyrite 2.00%						
359.00 - 360.00	Pyrite 2.00%						
360.00 - 361.00	Pyrite 4.00%						
361.00 - 362.00	Pyrite 4.00%						
362.00 - 363.00	Pyrite 2.00%						
363.00 - 364.00	Pyrite 2.00%						
364.00 - 365.00	Pyrite 0.50%, Pyrrhotite Trace						
365.00 - 366.00	Pyrite 1.00%, Pyrrhotite Trace						
366.00 - 368.00	Pyrite Disseminated 0.25%						
368.00 - 369.00	Pyrite 1.00%						
369.00 - 370.00	Pyrite Trace , Pyrrhotite Trace , Chalcopyrite Blebs 4.00%						
370.00 - 371.00	Pyrite 3.00%						
371.00 - 372.00	Pyrite 5.00%						
372.00 - 373.00	Pyrite 1.00%						
Alteration:							
356.00 - 358.00	Silicification Weak						
359.00 - 360.00	Silicification Weak						
362.00 - 366.00	Silicification Weak						
366.00 - 368.00	Silicification , Sericitization						
369.00 - 370.00	Chloritization						
370.00 - 371.00	Chloritization						
	Altered clinopyroxene						
Structure:							
	Fracture 0° to C/A Microfractured						
	Shearing 0° to C/A Weak						
	Foliation 33° to C/A						
	Brecciated 0° to C/A Microbrecciated						
	Shearing 0° to C/A Weak						
366.00 - 369.00	Shearing 0° to C/A						

Lithology		Assays	,		Au	Ag	Cu	
FROM TO		SAMPLE#	FROM	то	ppm	ppm	ppm	
367.00 - 369.00	Foliation 30° to C/A							
371.00 - 372.00	Shearing 0° to C/A Weak							
372.00 - 373.00	Shearing 0° to C/A Becoming sheared							
373.00 - 391.30 <b>8b</b>	Leucogabbro, anorthosite							
incres	nositic Gabbro. Altered, fine to medium grained. 30-60% plagioclase. Unit becomes ingly sheared and chloritic. 1% pyrite disseminated throughout. Weakly to strongly foliated. g carbonate alteration.							
373.50 - 374.20	Lost core. Drill hot a void in the unit.	47410	391.00	392.30	0.01			
Mineralization:								
373.00 - 391.30	Pyrite Disseminated 1.00%							
Alteration:								
373.00 - 391.30	Chloritization, Carbonatization Strong							
Structure:								
373.00 - 391.30	Shearing 0° to C/A	1						
373.01 - 391.30	Foliation 40° to C/A Weak to strong							
391.31 - 405.00 <b>8c</b>	Quartz gabbro, guartz diorite							
	nositic Gabbro. 70-80% white plagioclase, coarse grained. 20-30% fine clinopyroxene . Massive. 1-5% pyrite disseminated throughout Minor local shearing. Foliated.							
		47411	392.30	393.30	0.00			
		47412		394.30	0.02			
		47413 47414	394.30 395.30	395.30 396.30	0.01 0.01			
		47415		397.30	0.01			
		47416		398.30	0.00			
Mineralization:								
	Pyrite Disseminated 4.00% Coarse grained, massive							
392.30 - 393.30	Pyrite 4.00%							
393.30 - 394.30	Pyrite 5.00%							
394.30 - 395.30	Pyrite 5.00%							
395.30 - 396.30	Pyrite 1.00%							
396.30 - 397.30	Pyrite 1.00%							
397.30 - 398.30	Pyrite 1.00%							

Lithology	Assays	Aυ	Ag	Cu
FROM TO	SAMPLE# FROM TO	ppm	ppm	ppm
Structure:				
391.31 - 405.00 Foliation 40° to C/A				





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	-	О	c

Final: 094275	Order: RL28436	一类字型数数字。(4) <b>对</b> 数数字	Page 2 of 3
Element	Di	Pe dynam subject stance	
Method Det Lim.	(FAI313	FAI313	Ter darking the property of
Unite	₹ PPS	PPD	mart of the most security
46983	<10	1º 0-07-07	/ )
45054	<10	(4)	WEEK SECOND
46855 46856	<10		HOOSE ASSESSMA
46506	<10	<1	Xii 9
46687	<10	2	•
46004	<10	1	
40860	<10	- त	
46890	<10	<1	<b>*</b>
10001	₹10	<	
47301	<10	0-07-07	No. of the second secon
47302	<10		
47303	<10 .	<1	1.00 Page 1.00 (1.00 Page 1.00 Page
47804	<10	<u> </u>	and Grant Francis
47306	<10	2	and the second second
47306	410	- व	Marry Distributed Courses in
47307	<10	ন .	· 医中部性外部的 医性病病的 "
47308	<10	71	्रकामा के जात संस्थान के स्थाप के स्थाप कर है।
47300	<10		<b>1</b>
47548	<10	A 07-07	acistic Fill (Hysib) (Breaks Chemics)
7349	<10	71 000	
7360	<10		
47361	<10	41	
7362	<10		
7353	<10	7	
17364	<10	<u>র</u>	•
7355	<10	41	
17356	<10	न ।	•
67357	<10		
47358	~10	71	
97359	्रद्रीष्ठ	٠ - ١	
17360	્રેન્(0)		
¢7361	- 410 °		
(7362	<10	THE STATE OF THE S	•
17363	<10	2	
7364	elQ	**************************************	•
7366	<10	And the second	
17306	<10	<1	
7367	<10		
F7308 .	4D	The see standing of the last	British and the Baltimore and the second
17369	<10	1	mineral Control of the Control of th
(7370	<10	न ।	
431	<10	1	
47372`.	<b>410</b>	41	
17373	लव	ि स्रो । ।	一人之间,也是这个一个好了。
G374	₹ίδ		with the state of
4375	<10	The second rest of the second section	Constructing the control of the complete control of the Park
47370	<10		
47377	<10		the transfer of the first of th

The data reported on this controlling areas are represented the sample automated to SCS Mounts Carylone. Reproduction of this areas for the party to prohibited without prior written approved.

AGR Chilled by: | History Shoulder 1995 | mile Street Trivials CN 1995 1445 4445 445 5755 1445 445 575

The state of the State State of the State of



Final: 094275 Order: RL28436

THIRD, USTATO C	UE: NEEG400		The state of the s
Element .	Pt	Pd FAI313	
Method	FAI313	PAUTIS	
Det.Lim.	10	1	
Unite	PPB	PPG	
47378	<b>&lt;10</b>	₹	0-07-07)
47379	<10	<b>&lt;</b>	
47360	<10	<b>4</b> 1	
47381	<10	<1	
47382	<10	. 2	
47363	<10	<1	1
47384	<10	3	1
47385	<10	2	
47386	<10	<1	
47387	<10	2	1
47388	<10	2	1
47369	<10	<1	
47380	<10:	2.2	<u> </u>
*Dup 46883	<10	न	
Dup 47304	<10	<1	
*Dup 47354	<10	<1	
*Dup 47386	<10	<b>≺1</b>	
"Dup 47378	<10	<1	
Tup 47390	<10	<1	

Page 3 of 3

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DHQ-07-07



#### **Certificate of Analysis**

Work Order: 094275

To: c/o Hexagon Resources Inc. 121 East Sirch Avenue, Suita 508 FLAGSTAFF ARIZONA 86001

Date: Oct 10, 2007

P.O. No.

RL28436

Project No. :

U.S.A.

DEFAULT

No. Of Samples

61

Date Submitted

Jul 25, 2007 Pages 1 to 3

Report Complices

(Inclusive of Cover Sheet)

Distribution of unused material:

Discard after 90 days: 61 Pulps

Certifled By :

Russ Calow, B.Sc., C.Chem. Vice President Global Geochemistry

#30 17625 Accredited for Specific Tests. 3CC No. 455

Report Footer:

n.a.

L.N.R. = Listed not received ≈ Not applicable

I.S. = Insufficient Sumplé

= No requit

= Composition of this sample makes detection impossible by this method M after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

Mathode marked with an asteriak (e.g. TNAAOSV) were subcontracted

Subject to 838 General Terms and Conditions.

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Mineral Services 1885 Leslie Street Toronio ON M38 2M3 (416) 445-5755 (416) 445-4152 www.epa.ca

806 Canada Inc.

### Q-07-07



#### Certificate of Analysis

Work Order: 094276

To: c/o Hexagon Resources Inc. 121 East Birch Avenue, Suite 508 FLAGSTAFF ARIZONA 88001

Date: Oct 10, 2007

P.O. No.

A.B.U

Project No.

RL28466 DEFAULT

No. Of Samples

Date Submitted

Jul 25, 2007 Pages 1 to 2

Report Comprises

(Inclusive of Cover Sheet)

Distribution of unused meterial:

Discard after 90 days: 6 Pulps

Certified By :

Russ Calow, B.Sc., C.Chem. **Vice President Global Geochemistry** 

ISO 17025 Accredited for Specific Tests. SCC No. 456

Report Footer:

LN.R. = Listed not received

LS. = traufficient Semple

ስ.ፎ. - Not applicable

e No result

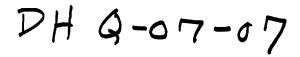
\*INF - Composition of this sample makes detaction impossible by this method M after a result denotes ppb to ppm convention, % denotes ppm to % conversion

Mailrods marked with an ealeriak (e.g. "NAAOSV") were subcontracted

Subject to 938 General Terms and Conditions

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Milneral Services 1885 Leslie Street Toronio CN M3B 2M3 (416) 445-5755 (416) 445-4152 www.sgs.ca





#### **Certificate of Analysis**

Work Order: RL28436

To: Q-GOLD (ONTARIO) LTD.

Attn: Jack Bolen 521 Mowat Avenue PO Box 358 Fort Frances ONTARIO P9A 3M5 Date: May 16, 2007

P.O. No.

04 18 07

Project No. :

No. Of Samples

134

Date Submitted Report Comprises Apr 23, 2007 Pages 1 to 4

(Inclusive of Cover Sheet)

Certified By

Report Footer:

L.N.R. = Listed not received

n.a. = Not applicable

I.S. = Insufficient Sample

Susan Isaac

= No result

\*INF = Composition of this sample makes detection impossible by this method *M* after a result denotes ppb to ppm conversion, % denotes ppm to % conversion

#### Subject to SGS General Terms and Conditions

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SGS Canada Inc.

Minerals Services 16A Young St. PO Box 1349 Red Lake ON POV 2M0 t(807) 727-2939 f(807) 727-3183 www.sgs.ca

# SGS

Final: RL28436

Page 2 of 4

	I III a		20400		
Element	Au	Au (AR)	Au	Au (R)	
Method	FAA303	FAA303	FAA303	FAA303	
Det.Lim.	0.01	0.01	0.001	0.001	
Units	G/T	G/T	OZ/T	OZ/T_	
46881	0.02	<0.01	<0.001	<0.001	
46883	0.02		<0.001		1
46884	0.02		<0.001	25.60	- 1
46885	0.01		<0.001		1
46886	0.01		<0.001		- 1
46887	0.08		0.002		•
46888	0.01	· 200000 .00	<0.001		
46889	<0.01		<0.001		
46890	<0.01	COMMUNICATION .	<0.001		
46891	ENERGEDICAL PROPERTY OF THE PR		CONTRACTOR NO.		
and any additional behavior and a second contract of the second contract of	0.01	1	<0.001		
16892	<0.01		<0.001		
16893	<0.01		<0.001	~ %	1
16894	<0.01		<0.001	photosoppi	- 1
16895	<0.01		<0.001		- 1
16896	<0.01		<0.001		-
16897	<0.01		<0.001		ſ
16898	<0.01		<0.001	**************************************	
16899	<0.01		<0.001	#HH2+. *	1
46900	<0.01	- 200	<0.001		1
47301	<0.01		<0.001		1
47302	<0.01		<0.001	,	1
47303	0.02		<0.001		1
47304					1
* A 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1	0.01		<0.001	AND WAR AT	
47305	0.02		<0.001		i
47306	0.01	<0.01	<0.001	<0.001	
47307	0.02		<0.001		
47308	0.01		<0.001		1
7309	0.02		<0.001		
7310	0.01	-1	<0.001		ı
17311	0.01		<0.001		ı
7312	<0.01		<0.001		1
<b>17313</b>	0.01		<0.001		ı
37314	0.01		<0.001		ı
17315	<0.01	Loophysic "	<0.001		- 1
7316	0.02		<0.001	. *******	
			manusco.		ı
17317	0.01		<0.001		- 1
47318	0.02		<0.001	AND CONTRACT	j
47319	0.02		<0.001		- 1
47320	0.01		<0.001		- 1
47321	0.01		<0.001		- 1
47322	0.01		<0.001	. 2004-14-1	ſ
47323	0.01		<0.001		ſ
47324	0.02		<0.001		
47325	0.02		<0.001		
47326	0.01	leaster 4	<0.001		
47327	0.06	·····	0.002		
47328	0.02		<0.001		ء ای
47329	0.01	1. A <b>NN</b>	<0.001		V

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## SGS

Final: RL28436

Page 3 of 4
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	Fina	I: RL284	136			
Element Method Det.Lim.	Au FAA303 0.01		A303 FAA	(R) ————————————————————————————————————	不	
Units	G/T			Z/T	1	_
47330	0.01	<0.01	0.001 <0.	001	1	.1
47331	0.01	· (1000)	0.001		1	1-07
47332	0.02	0.02 <	0.001 <0.	001	`.	1
47333	0.01		0.001		. 6	, t
47334	0.01	<	0.001		h /	
47335	0.01	TE THERMALIST TO A MORE TO	0.001		17	
47336	0.01	WINDOW MARKET	0.001		V	
47337	0.01		0.001			
47338	0.01		0.001		,	
47339	0.02	z-region/www.min-	0.001		- 1	
47340	0.01	TOTAL	0.001		- 1	
47341	0.01		0.001		1	
47342	0.01	managed Statement	0.001		1	
47343	0.02	- complete Submitted	0.001		- 1	
47344	0.02	properties as market as	0.001		- 1	
47345	0.01		0.001		- 1	
47346	0.01	menggregorgengengen to croft-menggitem	0.001		- 1	
47347	<0.01	1 charges from frapagement	0.001		- 1	
47348	0.01	responses to the second second	0.001		- 1	
47349	<0.01	marketing to the second	0.001		- 1	
47350	0.01	1.000m	0.001		- 1	
47351	0.01	Cardella Cardella	0.001		- 1	
47352	0.01		0.001		- 1	
47353	0.01		0.001		- 1	
47354	<0.01			001	- 1	
47355	0.03		0.001	<del></del>	- 1	
47356	0.01	CONTRACT CONTRACTOR	0.001		1	
47357	<0.01	management namagement	0.001		- 1	
47358	<0.01		0.001		1	
47359	<0.01	and Printering and Autophone Co.	0.001		1	
47360	<0.01	1 x3786m1 1 3 000000	0.001		ł	
47361	0.03	1.000mm - 8080	0.001			
47362	<0.01		0.001		1	
47363	0.01	VALUE OF THE PARTY	0.001			
47364	0.01		0.001			
47365	<0.01		0.001			
47366	0.01		0.001			
47367	<0.01		0.001			
47368	<0.01		0.001		1	
47369	0.01	* Programmer - Commencer	0.001		1	
47370	<0.01		0.001		1	
47371	<0.01		0.001		1	
47372	<0.01	in the contraction in the contraction of the contra	0.001			
47373	<0.01		0.001			
47374	<0.01		0.001		NY	
47375	<0.01		0.001		V	
47376	<0.01		0.001		•	
47377	<0.01		0.001			

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## SGS

Final: RL28436

	TIII2	rmar: RL20430			
Element	Au	Au (AR)	Au	Au (R)	_
Method	FAA303	FAA303	FAA303	FAA303	Λ
Det.Lim. Units	0.01 G/T	0.01 G/T	0.001 OZ/T	0.001 OZ/T	<b>/</b>
47378	<0.01	<0.01	<0.001	<0.001	3
47379	<0.01	<b>~</b> 0.01	<0.001	<b>~</b> 0.001	
47380	<0.01	*** ** 12	<0.001	······································	
47381	<0.01	en 454n	<0.001	· JAN1944	
47382	<0.01	0.04	<0.001	0.001	
47383	<0.01	0.04	<0.001	0.001	
47384	<0.01		<0.001	an appealm	
47385	0.01		<0.001		
47386	<0.01	1000	<0.001	00- <del>1-1-1</del> 0-4	
47387	<0.01		<0.001	-444-4444-4	
47388	0.01		<0.001		' '
47389	0.01		<0.001	~	1
47390	<0.02	and the second of	<0.001	4.409 <del>11.10</del> 200-	D 1
47391	<0.01		<0.001	** *********** ***	
47392	0.01		<0.001	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	1.7
47393	<0.01		<0.001	- Charleston	
47394	<0.01		<0.001	·	
47395	<0.01	C 10444	<0.001	ACCOUNTY .	
47396	<0.01		<0.001		
47397	<0.01	, rougewest.	<0.001		Î
47398	<0.01		<0.001		
47399	<0.01		<0.001	090000001	•
47400	0.02	· · · · · · · · · · · · · · · · · · ·	<0.001	1-48 <del>-1-4-4-4-4</del>	
47401	<0.01	···· reministration	<0.001	/98*abr	
47402	<0.01	<0.01	< 0.001	<0.001	
47403	<0.01		<0.001		·
47404	<0.01	410000 <b>55</b> 000.	<0.001	+-42-1000M/-	
47405	<0.01		<0.001		1
47406	0.12		0.003	** + CASHOOTTS	
47407	<0.01		<0.001	E11-1060M60M016-11	
47408	0.01		<0.001		
47409	<0.01	c roude, vc	<0.001	00000000000000000000000000000000000000	
47410	0.01		<0.001	- Astanos	
47411	<0.01		<0.001	-	
47412	0.02	NATIONAL PROPERTY AND ASSESSMENT OF STREET	<0.001	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	
47413	0.01	NWHILL.	<0.001		
47414	0.01		<0.001		- 17
47415	<0.01		<0.001	h. At supplementary of	N/
*Dup 46881	<0.01		< 0.001	-	
*Dup 47306	<0.01		<0.001		
*Dup 47330	<0.01	5.000 <b>0000</b>	<0.001	*********	
*Dup 47354	<0.01	* -# @0.001	<0.001		
*Dup 47378	<0.01		<0.001	·····	
*Dup 47402	<0.01		< 0.001	~ <del></del>	

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Page 4 of 4