

# GM 55240

REPORT OF DIAMOND DRILLING, BARRY PROJECT

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Énergie et Ressources  
naturelles

Québec 

**CONSOLIDATED GOLD HAWK RESOURCES INC.**

**Report of Diamond Drilling  
Barry Project**

**Barry and Souart Townships  
Val D'Or Mining District  
N.T.S. Sheet 32 B/13  
48° 56' N. Lat., 75° 50' W. Long.**

**Mark Fekete, B.Sc., F.G.A.C.  
Robert Castonguay, B.Sc.**

**Monday, September 08, 1997**

BUREAU REGIONAL VAL-D'OR

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RESSOURCES NATURELLES  
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08 OCT. 1997

BUREAU RÉGIONAL VAL-D'OR

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## Summary

Between July 14 and 24, 1997, Consolidated Gold Hawk Inc. completed a 5 hole, 1018.0 m program of BQ diameter diamond drilling on the Barry Project property. This 25 claim (400 hectare) property is located in the northeastern part of Souart Township and northwestern part of Barry Township approximately 90 km due east of Lebel-sur-Quévillon, Québec.

The project area lies within the southeastern region of the Abitibi Subprovince of the Superior Structural Province of the Canadian Shield within the narrow, E-W trending Urban-Barry Greenstone Belt. The area is underlain by a foliated tonalite intrusive in the northwest and basalt flows with narrow bands of polygenetic tuffs and graphitic argillites and greywackes in the southeast. The claims drilled in this program are underlain by mostly diorite to quartz diorite intrusives with lesser feldspar porphyry and gabbro intrusives and mafic volcanics.

The regional geophysical and geological similarity of the Barry property to the Murgor gold discovery, located roughly 3 km to the east, suggested that Barry property had the potential to host gold-bearing shear zones related to tonalite-basalt contacts similar to those found at the Murgor discovery. The goal of the drilling program was to test several chargeability anomalies identified by Quantec IP Inc. which are spatially associated to an EW trending magnetic anomaly identified by Val D'Or Sagax Geophysics Ltd.

The drilling program returned a total of 6 significant gold intersections which were checked and confirmed by assays at a second laboratory and are listed as follows:

Hole No.	From m	To m	Core length m	Grade g/t Au
9097-01	134.5	140.5	6.0	1.5
9097-01	181.6	187.4	5.8	0.6
9097-02	84.0	87.5	3.5	1.4
9097-02	103.2	105.6	2.4	1.7
9097-02	169.1	175.8	6.7	(uncut) 6.0 (cut to 1.0 opt) 3.9
9097-03	26.7	30	3.3	1.9

The gold intersections are mostly hosted in diorite to quartz-diorite and are generally related to quartz veins and veinlets often adjacent to lithological contacts with a strong spatial association with feldspar porphyry dykes. Variable, weak to strong biotite, silica, sericite and chlorite alteration, weak to moderate foliation and pyrrhotite with lesser pyrite mineralization are typical of the gold-bearing intersections. Very fine-grained visible gold was noted in two intersections.

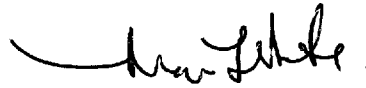
The intersections in Hole 9097-02 from 169.1 to 175.8 m, Hole 9097-03 from 26.7 to 30.0 m and Hole 9097-01 from 134.5 to 136.0 m appear to be part of the "Bart Zone". This zone appears to have an orientation of 085°/71° S which is consistent with the strike of the north margin of the magnetic anomaly and roughly corresponds to a string of chargeability responses.

Based on the positive results of the drilling program it is recommended that:

- a) more sampling should be done of the remaining, unsampled drill core with particular attention given to sections adjacent to the gold-bearing intersections and any sections with quartz veining, biotite alteration or sulphide mineralization;
- b) more drilling should be done in the area of the Bart Zone to test its continuity and develop a better understanding of its orientation;
- c) the area of the second magnetic anomaly south of the Bart Zone should be investigated in greater detail with more induced polarization coverage and several drill holes.

A budget of \$115,000.00 is proposed with \$2000.00 for more sampling of the remaining core, \$3000.00 for more induced polarization, \$95,000.00 for 800 m of drilling on the Bart Zone and 400 m of drilling on the southern magnetic anomaly and \$15,000.00 for administration and contingency.

Respectfully submitted,



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Mark Fekete, B.Sc., F.G.A.C.

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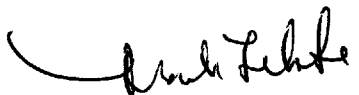
Robert Castonguay, B.Sc.

## Certificate of Qualifications

I, Mark Fekete, having my place of residence at 178 Dennison Boulevard in Val d'Or, Quebec do hereby certify that:

1. I am a qualified geologist having obtained a Bachelor of Science Degree in Geology from the University of British Columbia in 1986;
2. I am a Fellow of the Geological Association of Canada (No. F5454), a Member of the Canadian Institute of Mining and Metallurgy, a Member of the Prospectors and Developers Association of Canada and a Member of the Quebec Association of Prospectors;
3. I have been engaged in my profession continuously since 1986;
4. I have no direct interest in the Barry Project claims but I do beneficially hold a number of shares and stock options for shares of Consolidated Gold Hawk Resources Inc.;
5. I am engaged as a Consulting Geologist by Consolidated Gold Hawk Resources Inc.;
6. I contributed to this report based on my professional experience, a review of relevant reports and maps available from government and corporate sources and the data presented in this report.

Respectfully submitted,



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Mark Fekete, B.Sc., F.G.A.C.

## Certificate of Qualifications

I, Robert Castonguay, having my place of residence at 169A Perreault Avenue, Apt. 13 in Val d'Or, Quebec do hereby certify that:

1. I am a qualified geologist having obtained a Bachelor of Science Degree in Geology from the University of Montreal in 1995;
2. I have been engaged in my profession continuously since 1995;
3. I have no direct interest in the Barry Project claims and I do not beneficially own any shares of Consolidated Gold Hawk Resources Inc.
4. I am engaged to Consolidated Gold Hawk Resources Inc. on a consulting basis;
5. I contributed to this report based on my professional experience, a review of relevant reports and maps available from government and corporate sources and the data presented in this report.

Respectfully submitted,

\_\_\_\_\_  
Robert Castonguay, B.Sc.

## **1. Introduction**

Consolidated Gold Hawk Resources Inc. completed a diamond drilling program on the Barry project in July, 1997. The goal of the program was to test induced polarization and magnetic targets outlined in December, 1996 and February, 1997. This report provides a complete description of the drill program and includes the appropriate drill logs, plans and sections.

## **2. Location and Access**

The Barry Project property is situated in the northwestern corner of Barry Township and northeastern corner of Souart Township approximately 90 km due east of Lebel-sur-Quevillon, Quebec (Figure 1). The area of the townships appears on N.T.S. Sheet 32 B/13 and the approximate centre of the property is described by 48° 56' North Latitude and 75° 50' West Longitude. The most obvious topographical feature in the area is Lac Christine which lies just to the southeast of the property. The property is accessed by means of a trail that travels southwest from the Murgor road which, in turn, travels southeast from Km 98 on logging road "Chemin 106" which is maintained year-round by Domtar Inc.

## **3. Claim Information**

The Barry project consists of 25 contiguous mineral claims situated in Barry and Souart Townships (Figure 2). The claims lie within the Val D'Or Mining District and appear on the Barry (10 claims) and Souart (15 claims) township claim sheets. The total area of the property is 400 ha (Appendix A). Consolidated Gold Hawk Resources holds a 100% interest in the property.

## **4. Previous Work**

Exploration began in the Barry area as early as 1937 (GM 06011) and has continued sporadically since then. Considerable work has been done east and south of the property but very little work on the property itself.

The property was covered by airborne geophysical surveys in 1985 (SIAL, 1988). Between 1986 and 1997 Share Mines and Oils Inc. completed exploration on a 40 claim group, part of which corresponds to the present property. Share did a geological evaluation of the claims (GM 44321) and although numerous geophysical anomalies were identified (Figure 4), no further work was done.

Since acquiring the property in 1994, Consolidated Gold Hawk Inc. has cut a grid, done a magnetic survey (Lapointe, 1996) and an induced polarization survey (Warne, 1997). The



magnetic survey outlined a strong ENE-WSW anomaly (Figure 4) and the induced polarization survey outlined several chargeability anomalies adjacent to the magnetic anomaly.

## **5. Regional Geology**

The Barry property lies within the southeastern region of the Abitibi Subprovince of the Superior Structural Province of the Canadian Shield which extends from the Timmins area in the west to the Chibougamau area in the east (Figure 3). The Abitibi is characterized by late Archean supracrustal volcanic rocks separated into domains by narrow east to west-trending linear belts of clastic sedimentary rocks associated with major deformation zones such as the Destor-Porcupine and the Larder Lake-Cadillac. The volcanic rocks vary from felsic to ultramafic compositions within komatiitic, tholeiitic and calc-alkaline assemblages. Intrusive rocks, mostly tonalites, occur within the volcanics as synvolcanic to syntectonic intrusives. The entire belt displays some degree of metamorphism and the dominant metamorphic grade is greenschist. Proterozoic diabase dykes are ubiquitous throughout the Abitibi.

The geology of the Barry-Souart region is not well known due to paucity of outcrop and lack of detailed mapping. Much of the region's geology is based on interpretation from airborne geophysical surveys.

The project area is located towards the center of the Urban-Barry Greenstone Belt (Joly, 1990). This belt varies from 6.5 km to 20 km wide, stretches some 150 km from east to west between the Grenville front and Lebel-sur-Quévillon and is bounded by tonalite intrusives to the south and north. Layered rocks within the belt consist of intermediate to mafic pillowed and porphyritic flows, flow breccias and tuffs, felsic agglomerates, tuffs and flows and greywackes and argillites. Comagmatic diorite and gabbro sills are common within the mafic volcanic rocks. Narrow felsic intrusive rocks occur as dykes within and post date the layered rocks.

The rocks within the region are generally of greenschist facies but locally, adjacent to intrusive contacts or within fault zones, may be of amphibolite facies. The bedding and schistosity of the rock is generally oriented ENE-WSW. The region is characterized by two principal fault systems oriented E-W to ENE-WSW and N-S to NE-SW.

## **6. Property Geology**

The property geology has been largely interpreted from airborne geophysical surveys. Two major lithologies are thought to underlie the property (Joly, 1990). An ENE-WSW trending magnetic anomaly (Sial, 1988, Lapointe, 1996 and GM 45380) marks the contact between a foliated tonalite intrusive in the northwestern part of the property and massive to porphyritic basalt flows with narrow bands of polygenetic tuffs and graphitic argillites and greywackes in the southeastern part of the property.

## 7. 1997 Diamond Drilling

### 7.1 Introduction

The goal of the drilling program was to test several chargeability anomalies identified by Quantec IP Inc. which are spatially associated to an EW trending magnetic anomaly identified by Val D'Or Sagax Geophysics Ltd. The regional geophysical and geological similarity of the Barry property to the Murgor gold discovery, located roughly 3 km to the east, suggests that Barry property has the potential to host gold-bearing shear zones related to tonalite-basalt contacts similar to those found at the Murgor discovery where these types of contacts are known to be spatially associated to magnetic and chargeability anomalies.

A total of 1018.0 m of BQ diameter diamond drilling was completed in five holes between July 14 and 24, 1997. The drilling was done by Forages à Diamant Benoit Ltée of Val d'Or, Québec. Mark Fekete of Val d'Or supervised the drilling and Robert Castonguay also from Val d'Or, logged the core. The core was cut for sampling with a diamond blade saw by Brian Doherty of Val d'Or and Norman Bibeau of Chibougamau, Québec. All 235 samples were sent to ITS Laboratories in Val d'Or. The remaining core is presently stored at the Murgor-Teck Camp in Barry Township.

The lithology, mineralization, alteration and assay results are discussed in detail. A summary of the geology and results encountered by the drilling is provided (Table 1). Detailed drill logs are also provided (Appendix B) as well as assay certificates (Appendix C), weight average calculations (appendix D) and weight average comparisons (Appendix E). Drill holes are plotted on a 1:5000 plan map (Figure 4) and on the appropriate 1:500 scale cross sections (Figures 5, 6, 7 and 8).

### 7.2 Lithology

The majority of the rocks encountered consist of mainly intermediate to occasionally felsic intrusive rock with lesser amounts of intermediate to mafic flows and/or sills. Each unit is described below.

Dioritic intrusives is the most frequently intersected rock type overall and may be divided in four categories: *Chloritized diorite*, *non-chloritized diorite*, *quartz diorite* and *chloritized quartz diorite*. A distinction between chloritized and non-chloritized diorites and quartz diorites is made because of frequent sharp contacts and grain size differences between them.

The *chloritized diorite* has a mottled medium green and white colour, is coarse-grained and is only locally foliated. It is characterized by pervasive moderate chlorite alteration of the mafic crystals. Occasional weak, locally strong, biotite alteration and pervasive weak silica alteration are also present in the rock. The unit occasionally shows quartz-carbonate veins and veinlets. It is host to the best gold intersection of the campaign (6.0 g/t Au over 6.7 m ).

Generally the *quartz diorite* seems to be the equivalent of the chloritized diorite but typically contains from 5% to 15% quartz. It is a mottled medium green and white colour, is coarse-grained and contains up to 40% chloritized mafic crystals. The quartz diorite shows the same alteration patterns as the previous lithology. Also present in holes 9097-01, 02 and 04 is a *non-chloritized quartz diorite* generally as large units (30 m to 110 m wide). This rock is mottled grey and white in colour, medium to coarse-grained and shows a primary biotite content between 10% and 25%. Weak silica and local weak to moderate sericite alteration also characterize the unit. It bears important gold values (up to 1.5 g/t Au over 6.0 m). Both quartz diorite units are generally massive (non-foliated) and show occasional quartz-carbonate veins and veinlets.

The *non-chloritized diorite* is medium grey to mottled medium grey and white, medium-grained and generally massive (non-foliated). It is characterized by pervasive weak silica, biotite alteration and occasionally moderate sericite alteration usually associated to quartz-carbonate veins and veinlets. The unit occasionally shows quartz-carbonate veins and veinlets.

Mafic flows and/or sills occur as narrow intervals. They are referred to in the logs as *mafic volcanic, gabbro and gabbro(melanocratic diorite?)*. Infrequent chill margins within the dioritic and quartz dioritic rocks adjacent to the mafic flow rocks suggest that the latter is older.

The *mafic volcanic* unit is generally medium to dark green, fine-grained and rarely shows moderate to strong foliation, mostly near contacts. It is characterized by moderate to locally strong chlorite and weak silica alteration. This unit occasionally shows what may be flow top breccia and/or tuffaceous textures but since these occur in narrow intervals, it is hard to be certain of their exact nature.

The *gabbro* unit is generally mottled medium to dark green and white with an obvious majority of green colour, it is coarse-grained and rarely shows weak to moderate foliation. It is characterized by pervasive moderate to strong chlorite and weak silica alteration and also shows local weak to moderate carbonate alteration. It usually appears as narrow sills alternating with mafic volcanics and is probably a co-magmatic equivalent of the volcanics. The gabbro sometimes contains quartz-carbonate veins and veinlets.

The most frequently intersected gabbro is probably a melanocratic diorite and so called *gabbro (melanocratic diorite?)* in the drill logs. This unit is generally the product of a gradual transition from the chloritized diorite to a more mafic rock showing between 40% and 60% chloritized mafic crystals. This unit shows the same overall characteristics as the chloritized diorite. It is mottled medium green and white, coarse-grained and only locally foliated. It shows pervasive moderate chlorite alteration of the mafic crystal portion and weak pervasive silica alteration of the matrix. Quartz-carbonate veins and veinlets are occasionally intersected.

Younger intermediate intrusives are identified as *feldspar porphyry* in the logs. They are generally of a medium grey colour, with a fine-grained matrix of intermediate composition with 5% to 15% (rarely 30%) feldspar phenocrysts. This rock type appears less altered than the

previously described lithologies and shows pervasive weak silica alteration, occasional weak local biotite and chlorite alteration and local strong sericite alteration. Quartz-carbonate veins and veinlets are rare in this unit. This unit forms sharp contacts and because it appears to be less altered and foliated and cross cuts all the other units is probably somewhat younger than the other rock types.

### **7.3 Mineralization, Alteration and Assay Results**

Sulphide content in the core is generally very low but locally up to 5% sulphides are encountered in sections of quartz veining. The sulphides are predominately fine-grained disseminations of pyrrhotite and lesser pyrite. Rare speckles of chalcopyrite also occur. The sulphides are also seen as thin stringers and small blebs. Rarely, visible gold is also seen within zones of quartz veining.

Significant gold intersections were encountered in the Holes 9097-01, 02 and 03. Holes 9097-04 and 05 did not return any significant gold values. The intersection encountered in the first three holes are generally associated to quartz veins and veinlets near contact zones between major lithologies.

Hole 9097-01 returned values of 1.5 g /t Au over 6.0 m from 134.5 to 140.5 m and 0.6 g /t Au over 5.8 m between 181.6 and 187.4 m. The first intersection is associated to 2 to 10 cm wide quartz veins and several quartz veinlets within quartz diorite showing pervasive moderate biotite alteration and local strong chlorite, weak sericite alteration. The wallrock contains up to 5% pyrrhotite and traces of pyrite (locally up to 2%). The second intersection is associated to a contact between a diorite and an interlayered mafic volcanic/gabbro unit. The zone starts in diorite and ends in the mafic volcanic/gabbro unit. A 20 cm wide quartz vein is present at the contact as well as several quartz veinlets. The contact is moderately foliated and the zone shows 2% to 5% pyrrhotite/pyrite, locally up to 10%, in the wall rocks. Moderate biotite, weak silica alteration is pervasive throughout the zone with sections of local strong chlorite, moderate sericite alteration. Strong local biotite alteration is often found near the quartz veins and veinlets.

Hole 9097-02 returned the best assays of the campaign: 6.0 g /t Au over 6.7 m from 169.1 to 175.8 m. Two other gold intersections were located in hole 9097-02: 1.1 g /t Au over 2.5 m from 85.0 to 87.5 m and 1.7 g /t Au over 2.4 m from 103.2 to 105.6 m. All three intersections are associated to zones of quartz veining within chloritized diorite or gabbro at or near a feldspar porphyry contact. The first intersection shows pervasive moderate chlorite, weak silica alteration and local moderate biotite alteration and is characterized by weak to strong foliation, 1 to 2% pyrrhotite and trace pyrite in fine-grained disseminations. It also contained the best single assay of the drill campaign. Sample No. 22137 returned 62 g/t Au over 0.5 m and contains a 40 cm wide quartz vein showing strong chlorite, biotite alteration in the wall rock as well as 2% pyrrhotite and rare fine grains of visible gold. The second intersection lies within a feldspar porphyry and is related to a strongly foliated zone that shows pervasive weak biotite and local strong sericite alteration and 2% fine-grained, disseminated pyrrhotite. The third intersection lies at the contact between feldspar porphyry and gabbro. The contact is marked by

a 30 cm quartz vein, pervasive strong silica, strong chlorite and weak biotite alteration and 2% fine-grained, disseminated pyrrhotite.

Hole 9097-03 returned values of 1.9 g/t Au over 3.3 m between 26.7 and 30.0 m. This intersection is associated to quartz veinlets, strong foliation, pervasive strong biotite, weak silica alteration and 1% fine-grained, disseminated pyrrhotite within chloritized diorite. Visible gold was also observed in this intersection at 27.4 m (Sample No. 22178).

#### **7.4 Discussion of Assay Results**

A one assay ton portion of each sample was analyzed by fire assay followed by an Atomic Absorption finish at ITS Laboratories in Val d'Or, Québec. The gold content of samples with significant Atomic Absorption responses was determined with a gravimetric finish. The weight averages quoted in this report are based on calculations of the ITS data.

Rejects of samples within significant intervals were sent to Swastika Laboratories in Swastika, Ontario for verification by fire assay with gravimetric finish in order to confirm the reliability and repeatability of the gold grade for each significant intersection as determined from the ITS data. An average for each sample was calculated by summing the assay values and dividing by the number of assays. The number of assays for each sample ranges from a minimum of 2 to a maximum of 5 with at least one assay from each of ITS and Swastika (Appendix 4). These averages were then used to calculate weighted averages for each intersection. Weighted averages were also calculated using the first assay value for a given sample reported by each laboratory (i.e. the values in the first column of the each laboratories' assay certificates). These values were then compared by setting the weighted averages of the averaged assays as the mean and calculating the variation of the other two calculations from this mean (Appendix 5). In most cases, the weighted average calculations determined from assay results reported by the two independent laboratories give essentially the same gold value for a given intersection with a variation from the mean typically less than 25%. The one exception is the intersection in Hole 9097-03 from 26.7 to 30.0 m. The weighted average of the averaged assays, or mean, returned 4.4 g/t Au. The ITS weighted average returned 1.9 g/t Au; a variation of -56.8% from the mean. The Swastika weighted average is 6.6 g/t Au; a variation of +50.0% from the mean.

#### **7.5 Structure**

The intersections in Hole 9097-02 from 169.1 to 175.8 m and Hole 9097-03 from 26.7 to 30.0 m appear to be the same zone based on the similar character of the mineralization, alteration and lithological context of each intersection. Section 100 mW (Figure 7) shows an apparent dip of 60° S for this zone which is referred to as the "Bart Zone". The core-bedding angles suggest that the dip of the zone is somewhat steeper than 60° and that the zone does not strike Grid East (i.e. 045° azimuth). The intersections in Hole 9097-01 from 134.5 to 136.0 m and from 181.6 to 187.4 m are both possible strike extensions of the Bart Zone (Figure 4). If the former is accepted as the strike extension, it would give a strike to the zone of 085° azimuth and a dip of 71° S whereas the latter would give a strike of 100° azimuth and a dip of 67° S. The first orientation is

the preferred interpretation because it is more consistent with the strike direction of the magnetic anomaly and the observed core-bedding angles of the foliation.

## 8. Conclusions

The drilling program returned a total of 6 significant gold intersections as follows:

Hole No.	From m	To m	Core length m	Grade g/t Au
9097-01	134.5	140.5	6.0	1.5
9097-01	181.6	187.4	5.8	0.6
9097-02	84.0	87.5	3.5	1.4
9097-02	103.2	105.6	2.4	1.7
9097-02	169.1	175.8	6.7	(uncut) 6.0 (cut to 1.0 opt) 3.9
9097-03	26.7	30	3.3	1.9

Check assaying at a second lab confirmed the reliability of the intersections listed above. Except for the intersection in Hole 9097-03 from 26.7 to 30.0 m, which showed a difference of 2.2 g/t Au, the difference between the weighted averages calculated from the two laboratories' assays for a given interval is never more than 0.2 g/t Au.

The gold intersections are hosted in diorite to quartz-diorite and are generally related to quartz veins and veinlets often adjacent to lithological contacts with a strong spatial association with feldspar porphyry dykes. The alteration within the gold-bearing zones consist mostly of variable, weak to strong biotite, silica alteration and local, variable, weak to strong sericite alteration. Strong local chlorite alteration is also sometimes present near zones of quartz veining. Sulphides occur within the zones of quartz veining and consist of pyrrhotite and lesser pyrite as fine-grained disseminations and occasional thin stringers. Very fine-grained visible gold was also observed in two zones.

The intersections in Hole 9097-02 from 169.1 to 175.8 m, Hole 9097-03 from 26.7 to 30.0 m and Hole 9097-01 from 134.5 to 136.0 m appear to be the same zone based on the similar character of the mineralization, alteration and lithological context of each intersection. A tentative orientation of 085°/71° S has been interpreted for the zone. This zone, which is called the "Bart Zone", lies along the north margin of the magnetic anomaly outlined by Val d'Or Sagax (Lapointe, 1996) and appears to roughly correspond to a chargeability response identified by Quantec (Warne, 1997) which extends from 100 mW/0150 mS to 100 mE/0275 mS. The results of the drilling strongly suggest further drilling of the Bart Zone.

Approximately 500 m south of the magnetic anomaly associated with the Bart Zone there is a second magnetic anomaly with the same orientation as the first. At least five electromagnetic anomalies were identified in the same area as the second magnetic anomaly by Share Mines and Oils Ltd. in 1997 (GM 44321). Quantec also determined significant chargeability responses in this area but did not do any detailed “shrinks” over these responses (Warne, 1997). The geophysical nature of this area strongly suggest further exploration.

## **9. Recommendations**

Based on the positive results of the drilling program, further work is recommended. More sampling should be done of the remaining, unsampled drill core with particular attention given to sections adjacent to the gold-bearing intersections and any sections with quartz veining, biotite alteration or sulphide mineralization. More drilling should be done in the area of the Bart Zone to test its continuity and develop a better understanding of its orientation (Figure 4). The area of the second magnetic anomaly should be investigated in greater detail with more induced polarization coverage and several drill holes (Figure 4).

Specifically this report recommends more sampling at an estimated cost of \$2000.00, 1200 m more drilling in 6 holes at an estimated cost of 95,000, 3 km more induced polarization at an estimated cost of \$3000.00. Administration and contingency costs are estimated at 15% of the \$100,000.00 total to give a total recommended budget of \$115,000.00. A breakdown of estimated costs is provided (Appendix 6).

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1996a: Annual Report, 1996.

Murgor Resources Inc.

1996b: "Teck Corporation and Murgor Resources in Barry Gold Venture", October 23, 1996.



Warne, J.

1997: Personal communication concerning Quantec I.P. Inc.'s induced polarization and resistivity survey of the Consolidated Gold Hawk Resources Inc.'s Barry property.

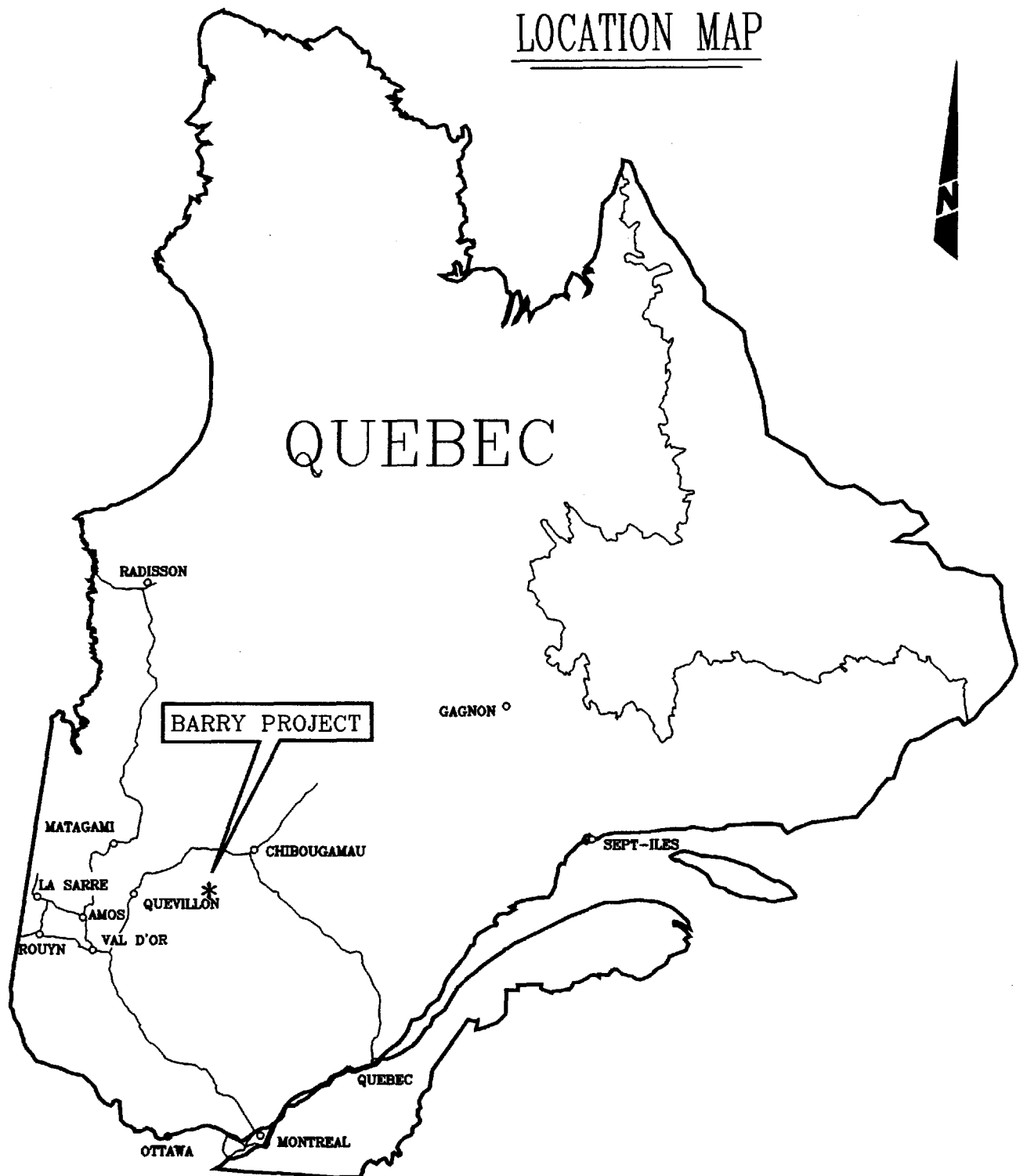
**TABLE 1 - DIAMOND DRILL SUMMARY SHEET**

Hole No.	Claim	Line	Station	Elev. (m)	Azi	Dip	Length (m)	Samp	Targets and geology
9097-01	5131487	000 mE	390 mS	0.0	315 °	-65 °	223.0	76	<p>Target: I.P. anomaly @ 200.0m</p> <p>Geology:</p> <p>0.0-6.0 Overburden</p> <p>6.0-24.4 Diorite, locally chloritized</p> <p>24.4-34.4 Feldspar porphyry</p> <p>34.4-42.0 Diorite, locally chloritized</p> <p>42.0-47.4 Quartz diorite</p> <p>47.4-51.8 Feldspar porphyry</p> <p>51.8-57.3 Diorite, chlorite alteration</p> <p>57.3-81.8 Feldspar porphyry</p> <p>81.8-103.8 Diorite//gabbro</p> <p>103.8-112.5 Mafic volcanic//gabbro</p> <p>112.5-166.0 Quartz diorite</p> <p>166.0-166.8 Feldspar porphyry</p> <p>166.8-177.4 Mafic volcanic//gabbro</p> <p>177.4-185.6 Diorite</p> <p>185.6-223.0 Mafic volcanic//gabbro</p> <p>Results:</p> <p>134.5-140.5 Quartz veins and alteration: <b>1.5 g/t Au over 6.0 m</b></p> <p>181.6-187.4 Diorite/mafic volcanic contact, with quartz vein: <b>0.6 g/t Au over 5.8 m</b></p>
9096-02	5131487	100 mW	300 mS	0.0	315 °	-55 °	351.0	100	<p>Target: I.P. anomaly @ 90.0m and 320.0m</p> <p>Geology:</p> <p>0.0-7.0 Overburden</p> <p>7.0-8.1 Feldspar porphyry</p> <p>8.1-13.0 Gabbro</p> <p>13.0-13.9 Mafic volcanic</p> <p>13.9-167.5 Gabbro//feldspar porphyry</p> <p>167.5-198.3 Diorite, chlorite alteration//feldspar porphyry</p> <p>198.3-239.9 Diorite, chlorite alteration</p> <p>239.9-351.0 Quartz diorite</p> <p>Results:</p> <p>84.0-87.5 Biotite alteration: <b>1.4 g/t Au over 3.5 m</b></p> <p>103.2-105.6 Quartz vein: <b>1.7 g/t Au over 2.4 m</b></p> <p>169.1-175.8 Quartz veins and biotite alteration: <b>6.0 g/t Au uncut), 3.9 g/t Au (cut to 1.0 opt Au) over 6.7 m</b></p>

**TABLE 1 - DIAMOND DRILL SUMMARY SHEET**

Hole No.	Claim	Line	Station	Elev. (m)	Azi	Dip	Length (m)	Samp	Targets and geology
9097-03	<del>████████</del> 5131488	100 mW	150 mS	0.0	315 °	-50 °	102.0	7	Target: Geology: 0.0-12.5 Overburden 12.5-14.4 Diorite, chlorite alteration 14.4-15.0 Mafic volcanic//gabbro 15.0-40.9 Diorite, chlorite alteration 40.9-47.0 Feldspar porphyry 47.0-54.0 Gabbro 54.0-59.5 Diorite, chlorite alteration 59.5-72.8 Gabbro 72.8-102.0 Diorite, chlorite alteration Results: 26.7-30.0 Quartz veinlets and biotite alteration: <b>1.9 g/t Au over 3.3 m</b>
9097-04	5131488	100 mE	025 mS	0.0	315 °	-65 °	231.0	37	Target: Geology: 0.0-7.0 Overburden 7.0-111.9 Diorite, chlorite alteration//mafic volcanic 111.9-124.0 Diorite 124.0-163.5 Diorite, chlorite alteration 163.5-231.0 Quartz diorite Results: No significant intersections
9097-05	5131484	400 mW	030 mS	0.0	315 °	-65 °	111.0	15	Target: Geology: 0.0-12.5 Overburden 12.5-13.4 Diorite, chlorite alteration 13.4-14.3 Feldspar porphyry 14.3-36.9 Mafic volcanic//gabbro 36.9-95.8 Quartz diorite, chlorite alteration 95.8-99.9 Feldspar porphyry 99.9-104.5 Quartz diorite, chlorite alteration 104.5-111.0 Quartz diorite, sericite alteration Results: No significant intersections
Total	5 Holes						1018.0	235	

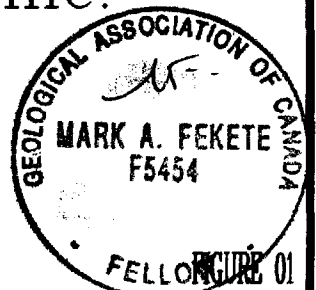
LOCATION MAP



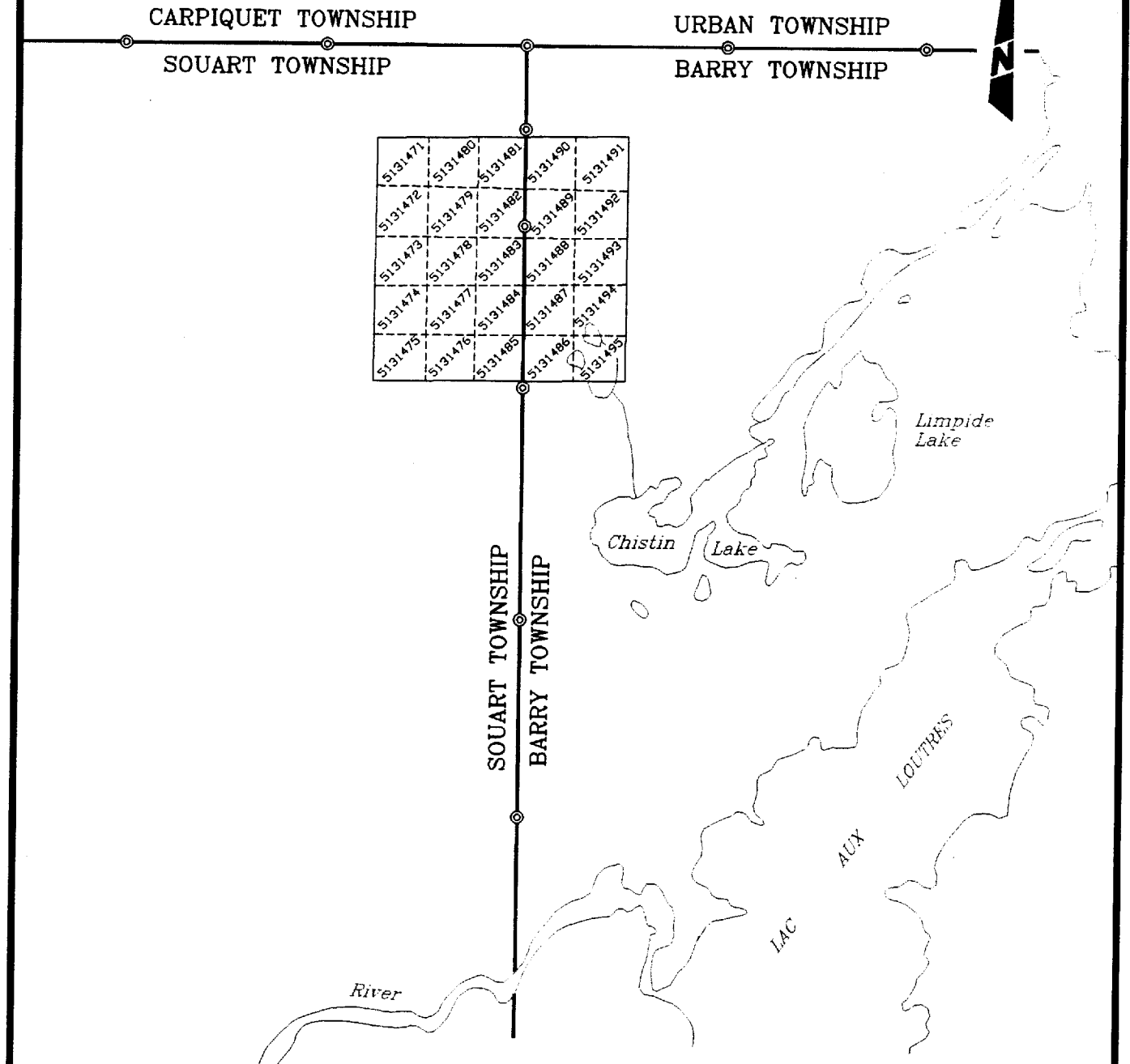
Cons. Gold Hawk Resources Inc.  
BARRY PROJECT

N.T.S.: 32B/13

SCALE 1: 10,000,000



# INDEX MAP



Cons. Gold Hawk Resources Inc.

## BARRY PROJECT

Barry & Souart Twps., Qc.

N.T.S. 32B/13

SCALE 1: 50,000

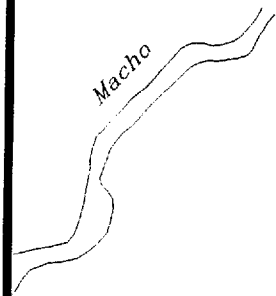
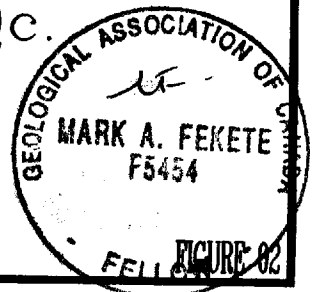
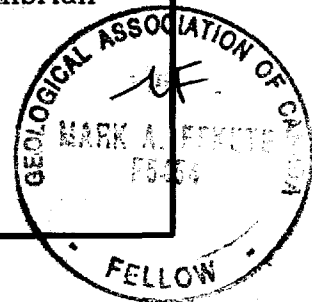
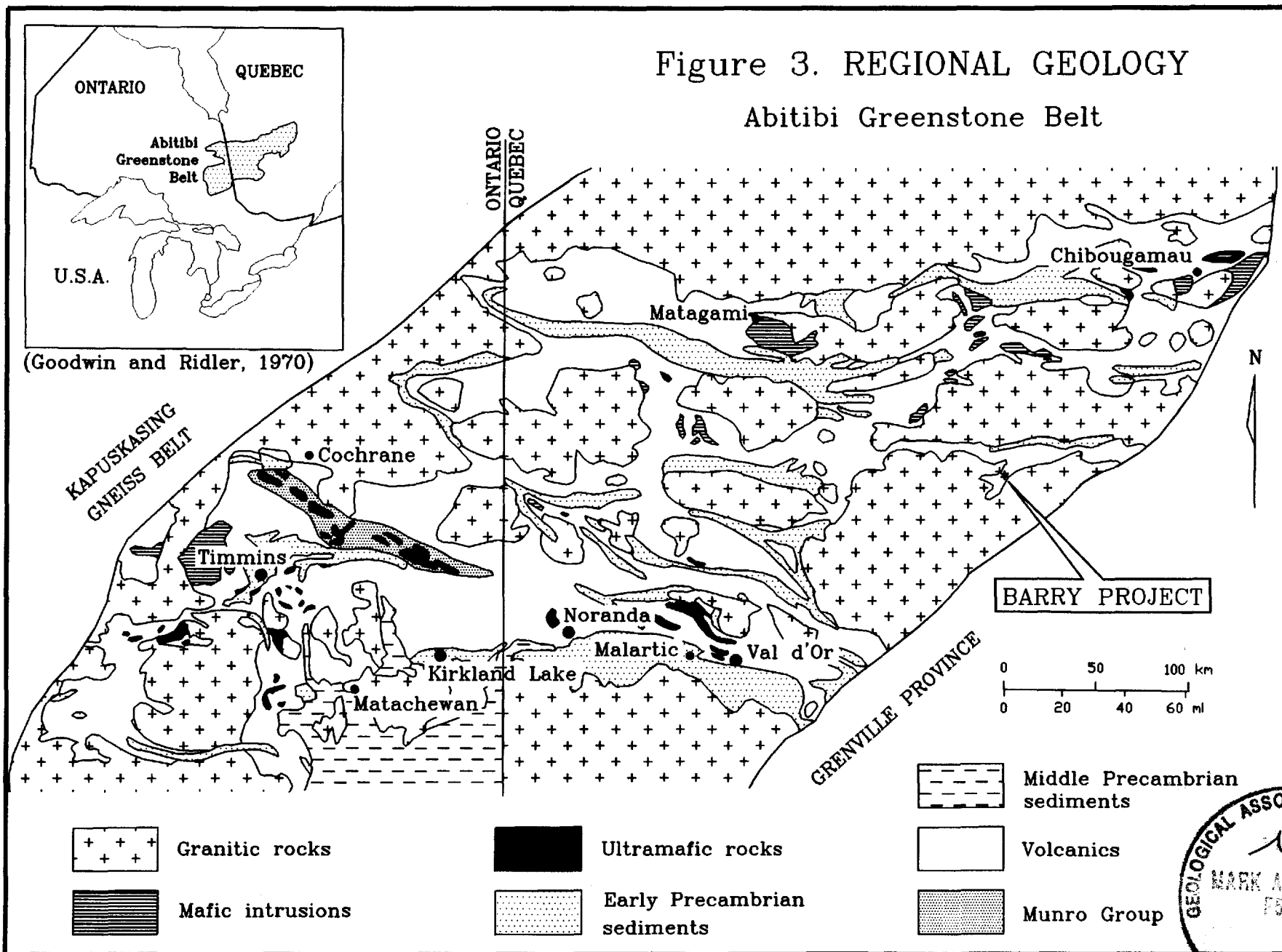


Figure 3. REGIONAL GEOLOGY

Abitibi Greenstone Belt



## **Appendix A - List of Claims**

Twenty-five mineral claims situated in Barry and Souart Township, Québec described as follows:

**Barry Project**

<b>Claim No.</b>	<b>Township</b>	<b>Hectares</b>
5131471	Souart	16
5131472	Souart	16
5131473	Souart	16
5131474	Souart	16
5131475	Souart	16
5131476	Souart	16
5131477	Souart	16
5131478	Souart	16
5131479	Souart	16
5131480	Souart	16
5131481	Souart	16
5131482	Souart	16
5131483	Souart	16
5131484	Souart	16
5131485	Souart	16
5131486	Barry	16
5131487	Barry	16
5131488	Barry	16
5131489	Barry	16
5131490	Barry	16
5131491	Barry	16
5131492	Barry	16
5131493	Barry	16
5131494	Barry	16
5131495	Barry	16
25 claims		400 ha



## Appendix B - Diamond Drill Logs

Cons. Gold Hawk Resources Inc.

COMPANY : CONSOLIDATED GOLD HAWK RESOURCES INC PROJECT : BARRY DRILL HOLE : 9097-01		TOWNSHIP : BARRY RANGE : CLAIM : 5131487		LOT : ZONE : NO. REF. :		PRINTED : September 03,1997 NTS : 32B/13																									
<u>COORDINATES AT COLLAR</u> Barry		LINE : 00+00E STATION : 03+90S ELEVATION : 0.000	LINE : 00+00E STATION : 00+00N ELEVATION : 0.000	LATITUDE : 0.000 LONGITUDE : 0.000 ELEVATION : 0.000	LATITUDE : 0.000 LONGITUDE : 0.000 ELEVATION : 0.000																										
<u>SAMPLING</u> BASIC ASSAYS : 22001-22076 (76) LITHOLOGY :				<u>DATE</u> DATE OF JOURNAL : July 16,1997 SURVEY DATE : CEMENTING DATE :																											
<u>PEOPLE</u> GEOLOGIST : ROBERT CASTONGUAY CONTRACTOR : FORAGE BENOIT RELOG :				DRILLING STARTED : July 14,1997 DRILLING FINISHED : July 16,1997																											
<u>LENGTH</u> COLLAR : 0.00 FINAL : 223.00 Total length : 223.00																															
<u>CORE</u> STORED : BARRY PROPERTY				SIZE : BQ		CASING LEFT : Yes																									
PURPOSE : exploration hole on a no outcrop property TARGET : I.P. anomaly at 200.0m REMARKS : 134.5 m to 140.5 m; 1.5 g Au/t over 6.0 meters 181.6 m to 187.4 m; 0.6 g Au/t over 5.8 meters																															
<u>DIRECTIONAL DATA</u>		AZIMUTH : 315° 0'		DIP : -65° 0'																											
<table border="0"> <thead> <tr> <th><u>Length</u></th> <th><u>Azimuth</u></th> <th><u>Dip</u></th> <th colspan="5"></th> </tr> </thead> <tbody> <tr> <td>9.00</td> <td>320 0'</td> <td>-64 0'</td> <td colspan="5"></td> </tr> <tr> <td>223.00</td> <td>320 0'</td> <td>-60 0'</td> <td colspan="5"></td> </tr> </tbody> </table>								<u>Length</u>	<u>Azimuth</u>	<u>Dip</u>						9.00	320 0'	-64 0'						223.00	320 0'	-60 0'					
<u>Length</u>	<u>Azimuth</u>	<u>Dip</u>																													
9.00	320 0'	-64 0'																													
223.00	320 0'	-60 0'																													

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
0.00	6.00	Overburden						
6.00	16.80	Diorite <ul style="list-style-type: none"> <li>- medium grey colour</li> <li>- medium-grained (1 to 2mm wide)</li> <li>- massive, crystalline texture</li> <li>- no obvious foliation</li> <li>- local 3% to 5% feldspar phenocrysts (2 to 4mm wide)</li> <li>- pervasive weak silica, biotite alteration</li> <li>- local moderate chlorite alteration</li> <li>- occasional chlorite-carbonate-(quartz) veinlets @ 30° to 45° CA, mostly 45°</li> <li>- approximately 30% to 40% mafic minerals altered in chlorite or biotite</li> </ul> <p>Note: 6.70 - 6.90 temoin</p>						
16.80	24.40	Diorite <ul style="list-style-type: none"> <li>- mottled medium green and white colour</li> <li>- coarse-grained (2mm to 4mm wide)</li> <li>- massive, crystalline texture</li> <li>- no apparent foliation</li> <li>- approximately 50% to 60% feldspar crystals</li> <li>- pervasive weak biotite alteration</li> <li>- pervasive moderate carbonate, weak chlorite, silica alteration</li> <li>- occasional quartz-carbonate veinlets @ 20° to 50° CA</li> <li>- quartz content is up to 5% locally, mafic minerals content is 40% to 50%</li> </ul> <p>Note: 21.80 - 21.90 temoin</p>	22001	15.25	16.80	1.55	1	
			22002	16.80	18.10	1.30	1	
			22003	18.10	19.60	1.50	1	
24.40	34.40	Feldspar porphyry <ul style="list-style-type: none"> <li>- medium grey colour</li> <li>- medium-grained feldspar phenocrysts (5%) sitting in a fine-grained intermediate matrix</li> <li>- no apparent foliation</li> <li>- pervasive weak biotite alteration</li> </ul> <p>Note: 24.60 - 24.70 temoin</p>	22004	22.10	23.10	1.00	1	
			22005	23.10	24.40	1.30	1	
			22006	24.40	25.30	0.90	5	
			22007	33.00	34.40	1.40	6	

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
34.40	37.40	Diorite - medium green colour - fine-grained, with 1% feldspar phenocrysts - foliation strong @ 25° CA - pervasive strong chlorite alteration - local strong sericite alteration - 2% epidote as both subrounded crystals and veinlets parallel to foliation - trace leucoxene  Note: 34.65 - 34.80 temoin	22008	34.40	35.90	1.50	12	
37.40	42.00	Diorite - medium grey colour - coarse-grained - no apparent foliation - pervasive weak silica, biotite alteration  Note: 39.00 - 39.10 temoin	22009	35.90	37.40	1.50	1	
			22010	37.40	38.70	1.30	1	
			22011	38.70	39.70	1.00	1	
42.00	47.40	Quartz diorite - medium green colour - coarse-grained - pervasive weak chlorite alteration - over 5% quartz crystals in rock - 2% pyrite/pyrrhotite overall as fine-grained disseminations and within thin quartz-carbonate-pyrite veinlets @ 30° to 50° CA - local strong biotite alteration in matrix and as thin veinlets @ 30° to 50° CA  Note: 42.30 - 42.40 temoin	22012	39.70	40.70	1.00	1	
			22013	40.70	42.00	1.30	1	
			22014	42.00	43.50	1.50	1	
			22015	43.50	44.60	1.10	1	
			22016	44.60	45.90	1.30	1	
			22017	45.90	47.40	1.50	1	

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
47.40	51.80	<p><b>Feldspar porphyry</b></p> <ul style="list-style-type: none"> <li>- medium grey colour</li> <li>- medium-grained feldspar phenocrysts (5%) sitting in a fine-grained intermediate matrix</li> <li>- pervasive weak silica, biotite alteration</li> <li>- 40 cm wide chill margin at upper contact</li> <li>- 1% epidote as subrounded to rounded medium-grained crystals</li> </ul> <p>Note:</p> <p style="padding-left: 40px;">47.70 - 47.80 <b>tanoin</b></p> <p style="padding-left: 40px;">50.30 - 51.10 <b>quartz vein</b></p> <ul style="list-style-type: none"> <li>- white quartz vein @ 5° CA</li> <li>- frequent fractures @ 70° CA</li> <li>- shows local blebs of pyrite/pyrrhotite (trace)</li> </ul>	22018	47.40	48.40	1.00	1	
			22019	48.40	49.40	1.00	6	
			22020	49.40	50.30	0.90	1	
			22021	50.30	51.10	0.80	1	
51.80	57.30	<p><b>Diorite</b></p> <ul style="list-style-type: none"> <li>- mottled medium green and white colour</li> <li>- coarse-grained</li> <li>- massive, crystalline texture</li> <li>- no apparent foliation</li> <li>- 50% to 60% feldspar crystals</li> <li>- pervasive moderate chlorite, weak biotite, silica alteration</li> <li>- occasional quartz-carbonate veinlets @ 20° to 50° CA</li> </ul>	22022	51.10	51.80	0.70	1	
			22023	51.80	53.00	1.20	1	
			22024	56.10	57.30	1.20	103	
57.30	81.80	<p><b>Feldspar porphyry</b></p> <ul style="list-style-type: none"> <li>- medium grey colour</li> <li>- matrix: fine-grained(85%), intermediate composition phenocrysts: feldspars(15%)</li> <li>- no obvious foliation</li> <li>- pervasive weak silica alteration</li> <li>- local weak sericite alteration of feldspar phenocrysts</li> <li>- local weak carbonate alteration</li> <li>- occasional chlorite-carbonate veinlets @ 20° CA (locally @ 45° CA crosscutting the 20°)</li> </ul> <p>Note:</p>						

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		57.30 - 64.30 silica alteration						
		- pale to medium grey colour						
		- fine-grained matrix with feldspar phenocrysts (20%)						
		- pervasive strong silica alteration						
		- local moderate sericite alteration of feldspar phenocrysts						
		- local strong chlorite alteration						
		- trace sulphides as fine-grained disseminations, locally up to 2%						
		57.30 - 57.40 tamoin	22025	57.30	58.80	1.50	8	
			22026	62.00	63.20	1.20	7	
			22027	63.20	64.30	1.10	46	
			22028	64.30	65.80	1.50	7	
			22029	76.70	78.20	1.50	1	
			22030	78.20	78.70	0.50	1	
		78.20 - 78.70 quartz-carbonate-chlorite vein						
		- quartz-carbonate-chlorite vein @ 30° to 50° CA (10cm wide)						
		- wall rock shows 2% to locally 5% pyrite as fine-grained disseminations						
			22031	78.70	80.20	1.50	1	
			22032	80.20	81.00	0.80	1	
			22033	81.00	81.80	0.80	1	
			22034	81.80	83.30	1.50	1	
81.80	86.20	Diorite						
		- mottled white and grey colour						
		- medium-grained						
		- pervasive moderate sericite alteration						
		- up to 70% felsic minerals (mostly feldspar)						
		- occasional quartz-carbonate-chlorite-pyrite veinlets @ 10° CA						
		Note:						
		81.90 - 82.00 tamoin						
			22035	83.30	84.80	1.50	1	
			22036	84.80	86.20	1.40	1	
			22037	86.20	87.70	1.50	1	
			22038	87.70	89.10	1.40	1	
			22039	89.10	90.60	1.50	1	
86.20	96.10	Gabbro						
		- mottled dark green and white (carbonated feldspars)						
		- coarse-grained, massive						
		- crystalline texture						
		- pervasive strong chlorite, weak carbonate alteration						
		- 1% pyrrhotite overall as blebs and thin veinlets @ 40° CA						
		- occasional narrow diorite dykes (up to 10cm wide) @ 70° CA						
		- over 60% mafic minerals						
		Note:						
		89.60 - 89.70 tamoin						
			22040	94.80	96.10	1.30	1	

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
96.10	100.50	<p><b>Diorite</b></p> <ul style="list-style-type: none"> <li>- medium grey colour</li> <li>- medium-grained (1 to 2mm wide)</li> <li>- massive, crystalline texture</li> <li>- no obvious foliation</li> <li>- 3% to 5% feldspar phenocrysts</li> <li>- pervasive weak chlorite alteration</li> <li>- local weak biotite alteration</li> <li>- occasional chlorite-carbonate-(quartz) veinlets @ 30° to 50° CA</li> <li>- up to 40% mafic minerals, altered in chlorite</li> </ul> <p>Note:</p> <p style="padding-left: 40px;">96.60 - 96.70 témoin</p>	22041	96.10	97.60	1.50	1	
100.50	103.80	<p><b>Gabbro (melanocratic diorite?)</b></p> <ul style="list-style-type: none"> <li>- mottled dark green and white (carbonated feldspar)</li> <li>- coarse-grained</li> <li>- massive, crystalline texture</li> <li>- pervasive strong chlorite, weak carbonate, silica alteration</li> <li>- 1% pyrrhotite overall as blebs and thin veinlets @ 40° CA</li> <li>- occasional narrow grey diorite dykes (up to 10cm wide)</li> </ul> <p>Note:</p> <p style="padding-left: 40px;">102.00 - 102.10 témoin</p>	22042 22043	100.50 101.90	101.90 102.80	1.40 0.90	1 6	
103.80	112.50	<p><b>Mafic volcanic//gabbro (melano-diorite?)</b></p> <p><b>Mafic volcanic:</b></p> <ul style="list-style-type: none"> <li>- dark green</li> <li>- fine-grained</li> <li>- massive</li> <li>- pervasive moderate chlorite alteration</li> <li>- frequent narrow gabbro dykes @ 45° to 50° CA</li> <li>- occasional quartz-carbonate-chlorite veinlets @ 10° to 30° CA showing local traces of fine sulphides</li> </ul> <p><b>Gabbro (melanocratic diorite?):</b></p> <ul style="list-style-type: none"> <li>- mottled dark green and white (carbonated? feldspar)</li> <li>- coarse-grained</li> <li>- massive, crystalline texture</li> <li>- pervasive strong chlorite, weak carbonate, silica alteration</li> <li>- 1% pyrrhotite overall as blebs and thin veinlets @ 40° CA</li> <li>- occasional narrow grey diorite dykes (up to 10cm wide)</li> </ul> <p>Note:</p>	22044 22045	102.80 103.80	103.80 105.00	1.00 1.20	14 1	

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		104.10 - 104.20 temoin						
112.50	142.50	Quartz diorite	22046	111.00	112.50	1.50	7	
		- mottled grey and white	22047	112.50	114.00	1.50	1	
		- coarse-grained						
		- massive, crystalline texture						
		- no obvious foliation						
		- pervasive weak biotite alteration						
		- trace pyrite as fine-grained disseminations						
		- occasional chlorite-carbonate veinlets @ 45° CA						
		- 10% quartz content						
		Note:						
		113.40 - 113.50 temoin						
		134.50 - 136.00 quartz veinlets, alteration	22048	133.00	134.50	1.50	9	
		- 2cm wide quartz vein @ 45° CA	22049	134.50	136.00	1.50	909	
		- occasional thin quartz veinlets @ 45° CA						
		- wall rock of vein and veinlets shows pervasive moderate biotite alteration, local strong chlorite, weak sericite alteration						
		- up to 2% pyrrhotite and trace pyrite in wall rock of veinlets and vein						
			22050	136.00	137.50	1.50	131	
			22051	137.50	139.00	1.50	3766	4460
		138.00 - 140.50 quartz vein, alteration	22052	139.00	140.50	1.50	1035	1030
		- 10 cm wide quartz vein @ 45° CA						
		- frequent quartz veinlets (10% overall) @ 45° CA						
		- pervasive moderate biotite alteration						
		- local strong sericite and chlorite alteration						
		- 5% pyrrhotite overall, locally up to 2% pyrite as fine-grained disseminations parallel to veinlets						
			22053	140.50	141.50	1.00	48	
142.50	150.20	Quartz diorite	22054	141.50	142.50	1.00	1	
		- mottled dark green and white colour	22055	142.50	144.00	1.50	13	
		- coarse-grained, locally medium-grained						
		- frequent narrow basalt horizons						
		- pervasive strong chlorite alteration						
		- local weak carbonate alteration						
		- occasional quartz-carbonate veinlets ( up to 2cm wide) @ 10° to 30° CA, locally 75° CA						
		- 10% quartz content						
		Note:						



FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
150.20	161.80	<p>143.90 - 144.00 <i>temoin</i></p> <p>Quartz diorite//mafic volcanic</p> <p>Quartz diorite:</p> <ul style="list-style-type: none"> <li>- mottled dark green and white colour</li> <li>- coarse-grained</li> <li>- massive, crystalline texture</li> <li>- pervasive strong chlorite alteration</li> <li>- local weak carbonate alteration</li> <li>- trace pyrrhotite as fine-grained disseminations</li> <li>- occasional carbonate-chlorite veinlets @ 30° to 60° CA</li> </ul> <p>Mafic volcanic:</p> <ul style="list-style-type: none"> <li>- dark green colour</li> <li>- fine to locally medium-grained</li> <li>- massive, with local feldspar phenocrysts (up to 1%)</li> <li>- pervasive strong chlorite alteration</li> <li>- 1% pyrrhotite, locally up to 3%</li> <li>- occasional carbonate-chlorite veinlets @ 30° to 60° CA</li> </ul> <p>Note:</p> <p>151.60 - 154.50 <i>feldspar porphyry</i></p> <ul style="list-style-type: none"> <li>- mottled medium green and white colour</li> <li>- matrix: fine-grained (80%)</li> <li>- phenocrysts: medium-grained (20%), feldspar</li> <li>- massive</li> <li>- pervasive strong chlorite alteration</li> <li>- occasional carbonate-chlorite veinlets @ 30° to 50° CA</li> </ul> <p>159.30 - 159.45 <i>temoin</i></p>	22056	150.20	151.60	1.40	1	
161.80	166.00	<p>Quartz diorite</p> <ul style="list-style-type: none"> <li>- mottled medium grey and white colour</li> <li>- coarse-grained</li> <li>- massive, crystalline texture</li> <li>- pervasive weak biotite alteration</li> <li>- 20% mafic minerals</li> <li>- trace finely disseminated sulphides</li> <li>- occasional thin carbonate-chlorite veinlets @ 10° CA showing pyrrhotite</li> <li>- a 2cm wide quartz vein @ 10° CA showing 10% pyrrhotite</li> </ul> <p>Note:</p> <p>161.90 - 162.00 <i>temoin</i></p>	22057	161.80	163.30	1.50	1	

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
166.00	166.80	<b>Feldspar porphyry</b> <ul style="list-style-type: none"> <li>- dark brownish grey colour</li> <li>- matrix: 90%, fine-grained, intermediate</li> <li>- phenocrysts: 10%, feldspars</li> <li>- pervasive strong biotite alteration of matrix</li> <li>- occasional carbonate-chlorite veinlet @ 20° to 50° CA</li> </ul> <p>Note:</p> <p style="padding-left: 40px;">166.20 - 166.30 <i>temoin</i></p>						
166.80	177.40	<b>Mafic volcanic//gabbro</b> <p>Mafic volcanic:</p> <ul style="list-style-type: none"> <li>- dark green colour</li> <li>- fine-grained, with locally 1% feldspar phenocrysts</li> <li>- massive, no obvious foliation</li> <li>- pervasive strong chlorite, weak silica alteration</li> <li>- occasional carbonate-chlorite veinlets @ 15° to 45° CA</li> </ul> <p>Gabbro:</p> <ul style="list-style-type: none"> <li>- mottled dark green and white</li> <li>- coarse-grained</li> <li>- massive, crystalline texture</li> <li>- sometimes more dioritic in composition (30% to 40% mafic minerals)</li> <li>- pervasive strong chlorite, weak silica alteration</li> <li>- present as dykes @ 70° CA</li> </ul> <p>- occasional quartz veins @ 5° and 70° CA</p> <p>Note:</p> <p style="padding-left: 40px;">167.20 - 167.30 <i>temoin</i></p>						
177.40	185.60	<b>Diorite</b> <ul style="list-style-type: none"> <li>- medium brownish grey colour</li> <li>- medium-grained</li> <li>- massive, no obvious foliation, crystalline texture</li> <li>- pervasive moderate biotite alteration</li> <li>- upper contact foliated and altered in biotite over 20cm</li> <li>- local moderate sericite alteration in wall rock of quartz veinlets</li> <li>- up to 5% finely disseminated pyrrhotite in wall rock of veinlets</li> <li>- frequent quartz veinlets @ 70° CA (up to 5cm wide)</li> <li>- crackle breccia texture in first 1m of unit</li> </ul> <p>Note:</p> <p style="padding-left: 40px;">182.70 - 182.80 <i>temoin</i></p>	22058 22059 22060 22061 22062 22063 22064 22065	176.40 177.40 178.00 178.60 179.60 180.60 181.60 182.60	177.40 178.00 178.60 179.60 180.60 181.60 182.60 183.60	1.00 0.60 0.60 1.00 1.00 1.00 1.00 1.00	1 1 15 1 1 16 435 763	

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb	
185.60	223.00	Mafic volcanic//gabbro	22066	183.60	184.60	1.00	158	990	
			22067	184.60	185.60	1.00	672		
			22068	185.60	186.00	0.40	1019		
		Mafic volcanic:							
		- dark green colour							
		- fine-grained, with locally 1% feldspar phenocrysts							
		- massive, no obvious foliation							
		- pervasive strong chlorite, weak silica alteration							
		- occasional carbonate-chlorite veinlets @ 15° to 45° CA							
		Gabbro (melanocratic diorite?):							
- mottled dark green and white									
- coarse-grained									
- massive, crystalline texture									
- sometimes more dioritic in composition (30% to 45% mafic minerals)									
- pervasive strong chlorite, weak silica alteration									
- gabbro is present as dykes @ 70° CA									
- occasional quartz veins @ 5° and 70° CA									
Note:									
186.00 - 187.40 quartz veins, alteration		22069	186.00	186.70	0.70	157			
- 20cm wide quartz vein @ 65° CA									
- frequent quartz veinlets up to 3cm wide @ 80° CA									
- local moderate foliation @ 80° CA									
- wall rock shows local strong biotite, chlorite, moderate sericite alteration									
- overall 2% pyrite/pyrrhotite content as fine-grained disseminations parallel to local foliation, locally up to 10% sulphides in wall rock of veins									
186.10 - 186.20 <del>temoin</del>									
187.40 - 195.30 sulphide veinlets		22070	186.70	187.40	0.70	1229	1950		
		22071	187.40	188.30	0.90	6			
		22072	193.30	194.30	1.00	1			
		22073	194.30	195.30	1.00	1			
- occasional sulphide veinlets up to 1cm wide									
- veins represent 1% total volume									
- 50% of veins are composed of pyrrhotite, 50% of pyrite									
- orientation varies from 5° to 30° CA									
195.30 - 201.00 hematite alteration									
- occasional local strong hematite alteration in occasional quartz-carbonate veinlets @ 5° CA and of feldspar crystals in gabbroic dykes		22074	220.70	221.70	1.00	8			

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		221.70 - 222.50 alteration	22075	221.70	222.50	0.80	265	
		- local strong sericite, biotite, chlorite alteration - frequent thin carbonate-chlorite veinlets @ 40° to 45° CA and 10° CA - local weak hematite alteration in veinlets - a thin pyrite veinlet @ 80° CA						
	223.00	END OF HOLE	22076	222.50	223.00	0.50	1	

FROM (m)	TO (m)	DESCRIPTION	SAMPLE N.	LENG. (m)	Au ppb	Check ppb
15.25	16.80		22001	1.55	1	
16.80	18.10		22002	1.30	1	
18.10	19.60		22003	1.50	1	
22.10	23.10		22004	1.00	1	
23.10	24.40		22005	1.30	1	
24.40	25.30		22006	0.90	5	
33.00	34.40		22007	1.40	6	
34.40	35.90		22008	1.50	12	
35.90	37.40		22009	1.50	1	
37.40	38.70		22010	1.30	1	
38.70	39.70		22011	1.00	1	
39.70	40.70		22012	1.00	1	
40.70	42.00		22013	1.30	1	
42.00	43.50		22014	1.50	1	
43.50	44.60		22015	1.10	1	
44.60	45.90		22016	1.30	1	
45.90	47.40		22017	1.50	1	
47.40	48.40		22018	1.00	1	
48.40	49.40		22019	1.00	6	
49.40	50.30		22020	0.90	1	
50.30	51.10		22021	0.80	1	
51.10	51.80		22022	0.70	1	
51.80	53.00		22023	1.20	1	
56.10	57.30		22024	1.20	103	
57.30	58.80		22025	1.50	8	
62.00	63.20		22026	1.20	7	
63.20	64.30		22027	1.10	46	
64.30	65.80		22028	1.50	7	
76.70	78.20		22029	1.50	1	
78.20	78.70		22030	0.50	1	
78.70	80.20		22031	1.50	1	
80.20	81.00		22032	0.80	1	
81.00	81.80		22033	0.80	1	
81.80	83.30		22034	1.50	1	
83.30	84.80		22035	1.50	1	
84.80	86.20		22036	1.40	1	
86.20	87.70		22037	1.50	1	
87.70	89.10		22038	1.40	1	
89.10	90.60		22039	1.50	1	
94.80	96.10		22040	1.30	1	
96.10	97.60		22041	1.50	1	
100.50	101.90		22042	1.40	1	
101.90	102.80		22043	0.90	6	
102.80	103.80		22044	1.00	14	
103.80	105.00		22045	1.20	1	
111.00	112.50		22046	1.50	7	
112.50	114.00		22047	1.50	1	
133.00	134.50		22048	1.50	9	
134.50	136.00		22049	1.50	909	
136.00	137.50		22050	1.50	131	
137.50	139.00		22051	1.50	3766	4460
139.00	140.50		22052	1.50	1035	1030

FROM (m)	TO (m)	DESCRIPTION	SAMPLE N.	LENG. (m)	Au ppb	Check ppb
140.50	141.50		22053	1.00	48	
141.50	142.50		22054	1.00	1	
142.50	144.00		22055	1.50	13	
150.20	151.60		22056	1.40	1	
161.80	163.30		22057	1.50	1	
176.40	177.40		22058	1.00	1	
177.40	178.00		22059	0.60	1	
178.00	178.60		22060	0.60	15	
178.60	179.60		22061	1.00	1	
179.60	180.60		22062	1.00	1	
180.60	181.60		22063	1.00	16	
181.60	182.60		22064	1.00	435	
182.60	183.60		22065	1.00	763	
183.60	184.60		22066	1.00	158	
184.60	185.60		22067	1.00	672	
185.60	186.00		22068	0.40	1019	990
186.00	186.70		22069	0.70	157	
186.70	187.40		22070	0.70	1229	1950
187.40	188.30		22071	0.90	6	
193.30	194.30		22072	1.00	1	
194.30	195.30		22073	1.00	1	
220.70	221.70		22074	1.00	8	
221.70	222.50		22075	0.80	265	
222.50	223.00		22076	0.50	1	
	223.00	END OF HOLE				

Cons. Gold Hawk Resources Inc.

COMPANY : CONSOLIDATED GOLD HAWK RESOURCES INC		TOWNSHIP : BARRY	LOT :	PRINTED : September 03,1997
PROJECT : BARRY		RANGE :	ZONE :	
DRILL HOLE : 9097-02		CLAIM : 5131487	NO. REF. :	NTS : 32B/13
<u>COORDINATES AT COLLAR</u>	Barry	LINE : 01+00W	LINE : 00+00E	LATITUDE : 0.000
		STATION : 03+00S	STATION : 00+00N	LONGITUDE : 0.000
		ELEVATION : 0.000	ELEVATION : 0.000	ELEVATION : 0.000
<u>SAMPLING</u>	BASIC ASSAYS : 22077-22176 (100)		<u>DATE</u>	DATE OF JOURNAL : July 17,1997
	LITHOLOGY :			SURVEY DATE :
<u>PEOPLE</u>	GEOLOGIST : ROBERT CASTONGUAY			CEMENTING DATE :
	CONTRACTOR : FORAGE BENOIT			DRILLING STARTED : July 16,1997
	RELOG :			DRILLING FINISHED : July 20,1997
<u>LENGTH</u>	COLLAR : 0.00	FINAL : 351.00	Total length : 351.00	
<u>CORE</u>	STORED : BARRY PROPERTY		SIZE : BQ	CASING LEFT : Yes
PURPOSE : exploration hole on a no outcrop property				
TARGET : I.P. anomaly at 90.0m and 320m				
REMARKS : Hole wedged at 89.6m because the rods jammed; 22099 mixed with 22100 at the laboratory ; Visible Gold (V.G.) encountered from 74.5 m to 74.7 m				
84.0 m to 87.5 m; 1.4 g Au/t over 3.5 meters ; 103.2 m to 105.6 m; 1.7 g Au/t over 2.4 meters ; 169.1 m to 175.8 m; 6.0 g Au/t over 6.7 meters				
No explanation for I.P. anomalies @ 320m				
<u>DIRECTIONAL DATA</u>	AZIMUTH : 315° 0'		DIP : -50° 0'	
<u>Length</u>	<u>Azimuth</u>	<u>Dip</u>		
9.00	320 0'	-55 0'		
351.00	320 0'	-58 0'		

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
0.00	7.00	Overburden						
7.00	8.10	<p>Feldspar porphyry</p> <ul style="list-style-type: none"> <li>- mottled medium green and pale grey</li> <li>- medium-grained phenocrysts (20%) sitting in intermediate matrix</li> <li>- porphyritic, crystalline texture</li> <li>- pervasive weak chlorite, weak silica alteration</li> <li>- 1% quartz</li> <li>- occasional chlorite veinlets @ 45° CA</li> </ul> <p style="text-align: center;">7.70 - 7.80 témoin</p>						
8.10	13.00	<p>Gabbro (melanocratic diorite?)</p> <ul style="list-style-type: none"> <li>- mottled dark green and white</li> <li>- coarse-grained</li> <li>- massive, crystalline texture</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- local weak carbonate alteration</li> <li>- 40% mafic minerals content, locally dioritic</li> </ul> <p>Note:</p>						
13.00	13.90	<p>Mafic volcanic</p> <ul style="list-style-type: none"> <li>- dark green</li> <li>- fine-grained</li> <li>- massive</li> <li>- upper contact foliated @ 30° to 45° CA</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- local strong chlorite alteration</li> <li>- first 30cm show 5% pyrrhotite disseminated and parallel to foliation</li> </ul> <p>Note:</p> <p style="text-align: center;">13.10 - 13.20 témoin</p>						
13.90	31.30	<p>Gabbro (melanocratic diorite?)</p> <ul style="list-style-type: none"> <li>- mottled dark green and white</li> <li>- coarse-grained</li> <li>- massive, crystalline texture</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- local strong chlorite alteration</li> <li>- occasional quartz-carbonate veinlets @ 40° to 50° CA and 80° CA</li> <li>- trace pyrrhotite finely disseminated</li> <li>- mafic mineral content varies in sequences which show contacts (not one big gabbro intrusion but many smaller ones), sometimes shows dioritic phases</li> </ul> <p>Note:</p>						



Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		18.50 - 18.60 témoin						
31.30	32.40	<p>Feldspar porphyry</p> <ul style="list-style-type: none"> <li>- dark grey colour, with minor white spots</li> <li>- matrix: (95%) intermediate composition, fine-grained, crystalline</li> <li>phenocrysts: (5%) feldspar, 1 to 2mm wide</li> <li>- no foliation</li> <li>- pervasive weak chlorite, weak silica alteration</li> <li>- sharp contacts</li> </ul> <p>Note:</p>						
		31.30 - 31.40 témoin						
32.40	40.00	<p>Gabbro</p> <ul style="list-style-type: none"> <li>- mottled dark green and white colour</li> <li>- coarse-grained</li> <li>- weak foliation @ 45° CA, crystalline texture</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- overall 3% pyrrhotite as fine-grained disseminations parallel to foliation</li> <li>- occasional quartz-carbonate veinlets @ 40° CA crosscutting foliation</li> </ul>	22077	32.40	33.40	1.00	1	
		33.00 - 33.10 témoin						
40.00	41.40	<p>Feldspar porphyry</p> <ul style="list-style-type: none"> <li>- dark grey colour with rare spots of white</li> <li>- matrix: (95%) very fine-grained, dioritic composition, crystalline</li> <li>phenocrysts: (5%) feldspar, 1 to 3mm, showing rimmed texture at upper contact</li> <li>- pervasive weak chlorite, weak silica alteration</li> </ul>	22078	33.40	34.40	1.00	1	
		40.20 - 40.30 témoin						

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
41.40	74.70	Gabbro (melano-diorite)//fp porphyry  Gabbro (melanocratic diorite?)(mafic intrusive), banded with more felsic zones: <ul style="list-style-type: none"> <li>- mottled dark green and white</li> <li>- coarse-grained, 20% to 50% white feldspar crystals and 0% up to 10% quartz in bands</li> <li>- more felsic band contacts are @ 75° CA</li> <li>- occasional narrow mafic volcanic units up to 1.1m wide, mostly massive and showing pervasive strong chlorite alteration</li> <li>- occasional sharp contacts between both felsic and mafic bands</li> <li>- occasional weak foliation @ 45° to locally 75° CA, crystalline texture</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- local strong chlorite, weak leucoxene alteration</li> <li>- occasional quartz-carbonate veinlets @ 30° CA and 5° CA, showing 1% to 5% pyrrhotite and trace pyrite</li> </ul> Feldspar porphyry: <ul style="list-style-type: none"> <li>- medium grey colour</li> <li>- medium-grained phenocrysts (30%) sitting in a fine-grained intermediate matrix</li> <li>- occasional weak foliation @ 45° CA to locally 75° CA</li> <li>- pervasive weak silica, biotite alteration</li> <li>- local strong sericite alteration</li> <li>- occasional quartz-carbonate veinlets with or without altered wall rock @ 45° CA and 20° CA</li> </ul>	22079	41.40	42.40	1.00	1	
		41.90 - 42.00 <i>temoin</i>						
		44.20 - 45.60 <i>feldspar porphyry</i> <ul style="list-style-type: none"> <li>- medium grey colour</li> <li>- medium-grained feldspar phenocrysts(10%) sitting in a fine-grained intermediate matrix</li> <li>- pervasive weak biotite, silica alteration</li> </ul>	22080	42.40	43.40	1.00	1	
		46.10 - 47.50 <i>feldspar porphyry</i> <ul style="list-style-type: none"> <li>- medium grey colour</li> <li>- medium-grained feldspar phenocrysts (10%) sitting in a fine-grained intermediate matrix</li> <li>- pervasive weak silica, biotite alteration</li> </ul>						
		53.50 - 54.20 <i>feldspar porphyry</i> <ul style="list-style-type: none"> <li>- banded medium to dark grey colour</li> <li>- medium-grained feldspar phenocrysts (10%) sitting in a fine-grained intermediate matrix</li> <li>- pervasive weak silica, biotite alteration</li> </ul>						
		53.70 - 53.80 <i>temoin</i>						
			22081	59.30	60.30	1.00	1	
			22082	60.30	61.30	1.00	1	

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		61.30 - 61.70 quartz vein - white quartz vein showing 5% chlorite, 5% biotite and 10% carbonate @ 20° CA (upper contact) and 45° CA (lower contact) - trace pyrite and pyrrhotite as coarse blebs.	22083	61.30	61.70	0.40	1	
		61.70 - 69.60 pyrrhotite/pyrite veinlets - occasional pyrrhotite/pyrite veinlets showing traces of chalcopyrite @ 5° to 40° CA; locally 5% pyrrhotite as fine-grained disseminations	22084	61.70	62.70	1.00	1	
		61.90 - 62.00 terno - coarse-grained rock - 10% quartz, 70% mafic crystals (chloritized amphiboles?) and 20% K feldspar?	22085 22086	67.70 68.70	68.70 69.50	1.00 0.80	1 1	
		69.60 - 70.00 feldspar porphyry - medium grey colour - medium-grained feldspar phenocrysts (10%) sitting in a fine-grained intermediate matrix - pervasive weak silica, biotite alteration						
		70.30 - 70.40 terno						
		71.80 - 72.40 feldspar porphyry - banded medium to dark grey colour - medium-grained feldspar phenocrysts (10%) sitting in a fine-grained intermediate matrix - pervasive weak silica, biotite alteration						
		73.10 - 73.80 feldspar porphyry - medium grey colour - medium-grained feldspar phenocrysts (10%) sitting in a fine-grained intermediate matrix - pervasive weak silica, biotite alteration	22087	73.80	74.70	0.90	1	



Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
91.51	167.50	Gabbro//feldspar porphyry - same as 41.4 to 74.7 Note: 93.40 - 93.50 temoin	22106	91.70	92.70	1.00	11	
		98.00 - 98.70 altered feldspar porphyry - pale grey to pale green - medium-grained - local strong sericite alteration in wall rock of thin veinlets - crosscutting thin carbonate veinlets @ 45° CA both being at 90° from one another 98.40 - 98.50 temoin	22107	98.00	98.70	0.70	1	
		104.10 - 109.60 feldspar porphyry - medium grey colour - medium-grained phenocrysts (10%) sitting in a fine-grained intermediate matrix - local weak foliation @ 75° CA - pervasive weak silica, biotite alteration, pervasive strong silica alteration over the upper 1.5m of unit - local strong chlorite alteration - occasional quartz-carbonate veinlets and quartz veinlets @ 30°, 70° and rarely 90° CA	22108	103.20	104.10	0.90	99	
		104.10 - 104.60 quartz vein with wallrock - 30cm wide quartz vein @ 70° CA - pervasive strong chlorite, silica alteration in wall rock - 2% pyrrhotite as fine-grained disseminations	22109	104.10	104.60	0.50	373	
		113.50 - 114.00 quartz veins and alteration - 30% of rock as narrow quartz veins @ 70° - local strong biotite, chlorite alteration in wall rock - 2% pyrrhotite/pyrite as thin veinlets parallel to quartz veins	22110 22111 22112	104.60 112.50 113.50	105.60 113.50 114.00	1.00 1.00 0.50	3819 1 452	3740
		123.40 - 123.80 quartz vein - white quartz vein @ 10° CA	22113 22114 22115 22116	114.00 115.00 122.40 123.40	115.00 116.00 123.40 123.80	1.00 1.00 1.00 0.40	41 33 7 1	
			22117 22118	123.80 124.60	124.60 125.10	0.80 0.50	1 1	

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		<p>125.10 - 129.70 <b>feldspar porphyry</b></p> <ul style="list-style-type: none"> <li>- medium grey colour</li> <li>- medium-grained phenocrysts of feldspars (15%) sitting in a fine-grained intermediate matrix</li> <li>- pervasive weak biotite, silica alteration</li> </ul> <p>129.70 - 130.30 <b>mafic volcanic</b></p> <ul style="list-style-type: none"> <li>- dark green colour</li> <li>- fine-grained</li> <li>- no foliation</li> <li>- pervasive moderate chlorite, weak silica alteration</li> </ul> <p>129.70 - 129.80 <b>tanoin</b></p> <p>130.30 - 137.90 <b>diorite</b></p> <ul style="list-style-type: none"> <li>- mottled medium green and white colour</li> <li>- coarse-grained</li> <li>- 20% to 40% mafic crystals</li> <li>- generally not foliated</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- rare thin quartz-carbonate veinlets @ 45° CA</li> </ul> <p>131.30 - 131.70 <b>foliation</b></p> <ul style="list-style-type: none"> <li>- moderate foliation @ 45° CA</li> <li>- local strong sericite, chlorite, biotite alteration</li> <li>- trace finely disseminated sulphides</li> </ul> <p>137.90 - 139.30 <b>feldspar porphyry</b></p> <ul style="list-style-type: none"> <li>- medium grey colour</li> <li>- medium-grained phenocrysts of feldspars (10%) sitting in a fine-grained intermediate matrix</li> <li>- weak foliation @ 65° CA</li> <li>- pervasive weak silica, biotite alteration</li> <li>- occasional thin quartz-carbonate veinlets with sericitized wall rock over 1cm @ 35° CA crosscutting foliation and @ 65° CA parallel to foliation</li> </ul> <p>139.30 - 140.10 <b>diorite</b></p> <ul style="list-style-type: none"> <li>- same as 130.3 to 137.9</li> </ul>	22119	125.10	126.10	1.00	1	

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		140.10 - 141.20 mafic volcanic <ul style="list-style-type: none"> <li>- medium green colour</li> <li>- fine-grained to locally medium-grained</li> <li>- no obvious foliation</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- occasional narrow dioritic to granitic dykes (up to 2cm wide) @ 60° and 80° CA</li> </ul>						
		141.20 - 147.80 diorite <ul style="list-style-type: none"> <li>- mottled medium green and white colour</li> <li>- coarse-grained</li> <li>- 20% to 40% mafic crystals</li> <li>- no obvious foliation</li> <li>- pervasive moderate chlorite alteration of mafic crystals</li> <li>- pervasive weak silica alteration</li> <li>- local strong chlorite alteration</li> </ul>	22120	142.00	143.00	1.00	22	
		143.00 - 143.80 quartz veining <ul style="list-style-type: none"> <li>- 2 2cm wide quartz veins @ 5° CA</li> <li>- local moderate chlorite, biotite alteration in immediate wall rock</li> </ul>	22121	143.00	143.80	0.80	337	
			22122	143.80	144.80	1.00	1	
			22123	144.80	145.80	1.00	1	
			22124	145.80	146.20	0.40	1	
		145.90 - 146.10 alteration <ul style="list-style-type: none"> <li>- medium green colour</li> <li>- fine-grained</li> <li>- pervasive moderate chlorite alteration</li> </ul>						
		147.80 - 167.50 gabbro (melanocratic diorite?) <ul style="list-style-type: none"> <li>- mottled dark green and white</li> <li>- coarse-grained</li> <li>- 40% to 75% mafic crystals</li> <li>- no obvious foliation</li> <li>- pervasive moderate chlorite alteration of mafic crystals</li> <li>- pervasive weak silica alteration</li> <li>- rare pyrite/pyrrhotite veinlets @ 20° CA</li> <li>- local traces of quartz crystals</li> </ul>						

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		<p>151.80 - 153.10 diorite</p> <ul style="list-style-type: none"> <li>- mottled medium green and white</li> <li>- porphyritic texture</li> <li>- less than 5% medium-grained phenocrysts of feldspar (locally 10%) sitting in an intermediate matrix</li> <li>- no obvious foliation</li> <li>- pervasive moderate chlorite alteration of mafic crystals</li> <li>- pervasive weak silica alteration</li> </ul>						
		<p>157.30 - 157.50 mafic volcanic</p> <ul style="list-style-type: none"> <li>- same as 129.7 to 130.3</li> </ul>						
		<p>158.40 - 158.70 mafic volcanic</p> <ul style="list-style-type: none"> <li>- same as 129.7 to 130.3</li> </ul>						
		<p>160.70 - 160.90 feldspar porphyry</p> <ul style="list-style-type: none"> <li>- medium grey colour</li> <li>- medium-grained phenocrysts of feldspar (10%) sitting in a fine-grained intermediate matrix</li> <li>- pervasive weak silica, biotite alteration</li> <li>- local strong chlorite alteration in wall rock of upper contact quartz vein</li> <li>- upper contact shows a 2cm wide quartz vein with 3% pyrrhotite parallel to vein @ 70° CA</li> </ul>						
		<p>161.20 - 162.50 quartz veinlets</p> <ul style="list-style-type: none"> <li>- frequent quartz veinlets up to 4cm wide @ 5°, 20° and 80° CA showing up to 5% pyrrhotite</li> </ul>	22125 22126	161.20 162.00	162.00 162.50	0.80 0.50	1 1	
		<p>167.10 - 167.50 mafic volcanic</p> <ul style="list-style-type: none"> <li>- same as 129.7 to 130.3</li> </ul>	22127	162.50	163.50	1.00	6	
167.50	169.10	<p>Feldspar porphyry</p> <ul style="list-style-type: none"> <li>- pale green colour</li> <li>- medium-grained phenocrysts of feldspar (10%) sitting in a fine-grained intermediate matrix</li> <li>- no obvious foliation</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- occasional quartz-carbonate veinlets @ 30° and 45° CA</li> </ul> <p>Note:</p>						



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FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
169.10	182.00	168.20 - 168.60 mafic volcanic						
		<ul style="list-style-type: none"> <li>- medium green colour</li> <li>- fine-grained mafic matrix with 2% medium-grained feldspar phenocrysts</li> <li>- weak foliation @ 45° CA</li> <li>- upper contact @ 50° CA</li> <li>- pervasive moderate chlorite, weak silica alteration</li> </ul>	22128	168.60	169.10	0.50	1	
		Diorite						
		<ul style="list-style-type: none"> <li>- mottled medium green and white colour</li> <li>- coarse-grained</li> <li>- generally not foliated</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> <li>- local strong chlorite alteration</li> <li>- occasional narrow quartz veins @ 5° and 70° CA</li> <li>- local traces of sulphide (pyrrhotite/pyrite)</li> </ul>						
		Note:						
		169.10 - 170.60 alteration, quartz vein	22129	169.10	169.80	0.70	3739	3910
			22130	169.80	170.60	0.80	93	
		<ul style="list-style-type: none"> <li>- narrow 10cm quartz vein @ 70° CA</li> <li>- moderate to locally strong foliation @ 20° to 40° CA</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- banded moderate biotite alteration parallel to foliation</li> <li>- up to 1% pyrrhotite in quartz vein</li> </ul>						
		171.20 - 172.00 quartz vein, alteration	22131	170.60	171.20	0.60	58	
			22132	171.20	172.00	0.80	4115	3940
<ul style="list-style-type: none"> <li>- 4cm wide quartz vein @ 5° CA</li> <li>- strong foliation @ 25° CA</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- banded moderate biotite alteration parallel to foliation</li> <li>- trace pyrrhotite/pyrite</li> </ul>								
172.00 - 173.70 alteration	22133	172.00	172.90	0.90	56			
	22134	172.90	173.70	0.80	3113	3190		
<ul style="list-style-type: none"> <li>- moderate foliation @ 60° CA</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- banded strong chlorite alteration parallel to foliation</li> </ul>								
	22135	173.70	174.50	0.80	56			
	22136	174.50	175.30	0.80	357			

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FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		175.30 - 175.80 quartz vein, alteration - 40cm wide quartz vein @ 70° CA - local strong chlorite, biotite alteration in wall rock - up to 2% pyrrhotite in wall rock	22137	175.30	175.80	0.50	62166	61060
182.00	186.80	Feldspar porphyry - medium grey colour - medium-grained phenocrysts of feldspar (10%) sitting in a fine-grained intermediate matrix - weak foliation @ 60° CA - pervasive weak silica, biotite alteration	22138 22139	175.80 180.40	176.80 180.80	1.00 0.40	30 13	
186.80	198.30	Diorite - mottled medium green and white colour - coarse-grained, porphyritic texture? - generally not foliated - pervasive moderate chlorite alteration of mafic minerals - pervasive weak silica alteration - rare quartz-carbonate-chlorite veinlets @ 5° and 45° CA - occasional narrow basalt unit throughout						
		Note: 188.40 - 188.70 feldspar porphyry - medium grey colour - medium-grained feldspar phenocrysts (10%) sitting in a fine-grained intermediate matrix - pervasive weak biotite alteration						
		188.70 - 189.70 foliation, quartz veinlets - frequent quartz veinlets parallel to foliation (10% of interval concentrated in first 50cm) - strong foliation mostly in last 50cm @ 60° CA - local strong biotite, chlorite alteration	22140	188.70	189.70	1.00	1	
			22141 22142	189.70 197.30	190.50 198.30	0.80 1.00	13 1	

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
198.30	201.50	<b>Mafic volcanic//diorite, altered</b> - medium green colour - fine-grained - weak foliation @ 65° CA - pervasive strong chlorite, weak silica alteration - local strong biotite alteration - overall 1% pyrrhotite and trace chalcopyrite as fine-grained blebs and disseminations parallel to foliation - occasional narrow diorite dykes (up to 12cm) @ 85° CA - occasional narrow quartz veins @ 65° CA showing up to 2% pyrrhotite in fine blebs	22143	198.30	199.30	1.00	1	
			22144	199.30	199.90	0.60	1	
			22145	199.90	200.70	0.80	1	
			22146	200.70	201.50	0.80	1	
201.50	213.60	<b>Diorite</b> - same as 186.8 to 198.3  Note: 209.70 - 210.30 quartz veinlets, pyrrhoite - frequent narrow quartz veinlets @ 80° CA, showing up to 10% pyrrhotite - strong chlorite, biotite alteration in wall rock - overall 1% pyrrhotite in veinlets and as fine-grained disseminations	22147	201.50	202.50	1.00	1	
			22148	209.70	210.30	0.60	1	
213.60	218.80	<b>Mafic volcanic//diorite</b> - medium green - fine-grained - no apparent bedding - pervasive moderate chlorite, weak silica alteration - frequent narrow diorite dykes @ 85° CA - lower contact shows thin pyrrhotite veinlets @ 85° CA  Note: 214.40 - 214.50 temoin	22149	217.80	218.80	1.00	1	
			22150	218.80	219.80	1.00	1	
218.80	239.90	<b>Diorite</b> - same as 186.8 to 198.3  Note: 221.90 - 222.00 temoin	22151	219.80	220.80	1.00	1	
			22152	220.80	221.80	1.00	1	
			22153	230.10	230.60	0.50	7	
			22154	235.30	236.30	1.00	1	
			22155	236.30	237.00	0.70	1	
			22156	237.00	237.90	0.90	1	
			22157	237.90	238.90	1.00	1	
22158	238.90	239.90	1.00	1				

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FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb	
239.90	351.00	Quartz diorite	22159	239.90	240.90	1.00	1		
		- mottled medium grey and white	22160	240.90	241.90	1.00	1		
		- medium-grained, porphyritic texture?	22161	241.90	242.90	1.00	1		
		- local weak foliation @ 70° CA	22162	247.40	248.40	1.00	1		
		- 10% to locally 15% quartz, 20% to 40% mafic minerals (amphibole? and biotite)							
		- pervasive weak silica alteration							
		- local strong sericite alteration in immediate wall rock of thin quartz veinlets							
		- occasional thin quartz veinlets @ 45° CA							
		- rare narrow (up to 10cm) quartz veins @ 75° CA							
		- unit seems banded in medium-grained and coarse-grained sections, rarely with clear contacts							
		Note:							
		249.85 - 249.95	temoin						
		258.80 - 258.90	temoin						
		259.40 - 262.70	feldspar porphyry						
		- medium grey colour							
		- medium-grained feldspar phenocrysts (5%) sitting in a fine-grained intermediate matrix							
		- no obvious foliation							
- pervasive weak biotite, silica alteration									
268.80 - 269.70	porphyritic texture								
- medium grey colour									
- medium-grained feldspar phenocrysts (5%) sitting in a fine-grained intermediate matrix									
- 5% quartz in matrix									
- gradual transition from coarse-grained quartz diorite (bands?)									
282.90 - 283.40	alteration	22163	282.90	283.40	0.50	1			
- pervasive weak chlorite alteration with darkening of matrix to dark grey									
283.80 - 288.10	quartz veinlets, sulphides	22164	283.40	283.80	0.40	1			
		22165	283.80	284.70	0.90	1			
		22166	284.70	285.50	0.80	1			
- frequent quartz veinlets (up to 3cm wide) @ 70° CA showing up to 3% pyrrhotite and 1% pyrite		22167	285.50	286.30	0.80	1			
- wall rock shows 1% pyrrhotite as fine-grained disseminations		22168	286.30	287.10	0.80	1			
		22169	287.10	288.10	1.00	1			
288.10 - 291.30	porphyritic texture	22170	288.10	288.70	0.60	1			
- same as 268.8 to 269.7									
		22171	293.10	294.10	1.00	1			

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FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		294.10 - 295.30 quartz veins	22172	294.10	294.70	0.60	1	
		- quartz veins (20% of rock) up to 3cm wide @ 60° to 70° CA - pervasive weak silica alteration - local strong biotite, chlorite alteration - trace pyrrhotite as medium-grained blebs in quartz veins	22173	294.70	295.30	0.60	1	
		310.30 - 311.70 quartz veins, alteration	22174	295.30	296.30	1.00	6	
		- occasional quartz veins up to 2cm wide @ 70° to 80° CA - local strong foliation @ 55° CA crosscutting the pervasive foliation with a sharp contact - pervasive weak silica alteration - local strong biotite alteration						
		326.20 - 327.20 feldspar porphyry						
		- medium grey brownish colour - medium-grained feldspar phenocrysts (5%) sitting in a fine-grained intermediate matrix - pervasive moderate biotite, weak silica alteration - local strong biotite alteration at lower contact - 3cm quartz vein @ 60° CA at lower contact						
		329.40 - 330.20 feldspar porphyry						
		- medium grey colour - medium-grained feldspar phenocrysts (5%) sitting in a fine-grained intermediate matrix - local moderate foliation @ 45° CA - pervasive weak biotite, silica alteration						
		339.30 - 342.10 alteration	22175	340.20	341.20	1.00	1	
		- pale green colour - pervasive weak sericite alteration						
		343.00 - 351.00 quartz veinlets	22176	350.00	351.00	1.00	1	
		- occasional quartz veinlets @ 45° to 60° CA - weak to locally moderate foliation @ 45° to 60° CA						
	351.00	END OF HOLE						

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FROM (m)	TO (m)	DESCRIPTION	SAMPLE N.	LENG. (m)	Au ppb	Check ppb
32.40	33.40		22077	1.00	1	
33.40	34.40		22078	1.00	1	
41.40	42.40		22079	1.00	1	
42.40	43.40		22080	1.00	1	
59.30	60.30		22081	1.00	1	
60.30	61.30		22082	1.00	1	
61.30	61.70		22083	0.40	1	
61.70	62.70		22084	1.00	1	
67.70	68.70		22085	1.00	1	
68.70	69.50		22086	0.80	1	
73.80	74.70		22087	0.90	1	
74.70	75.30		22088	0.60	84	
75.30	76.20		22089	0.90	11	
76.20	77.10		22090	0.90	1	
77.10	77.80		22091	0.70	1	
77.80	78.40		22092	0.60	59	
78.40	79.40		22093	1.00	1	
79.40	80.40		22094	1.00	1	
80.40	81.40		22095	1.00	15	
81.40	82.40		22096	1.00	1	
82.40	83.40		22097	1.00	14	
83.40	84.00		22098	0.60	1	
84.00	86.00		22099-100	2.00	2165	2540
86.00	86.60		22101	0.60	396	
86.60	87.50		22102	0.90	361	
87.50	88.50		22103	1.00	16	
90.10	91.20		22104	1.10	33	
91.20	91.70		22105	0.50	98	
91.70	92.70		22106	1.00	11	
98.00	98.70		22107	0.70	1	
103.20	104.10		22108	0.90	99	
104.10	104.60		22109	0.50	373	
104.60	105.60		22110	1.00	3819	3740
112.50	113.50		22111	1.00	1	
113.50	114.00		22112	0.50	452	
114.00	115.00		22113	1.00	41	
115.00	116.00		22114	1.00	33	
122.40	123.40		22115	1.00	7	
123.40	123.80		22116	0.40	1	
123.80	124.60		22117	0.80	1	
124.60	125.10		22118	0.50	1	
125.10	126.10		22119	1.00	1	
142.00	143.00		22120	1.00	22	
143.00	143.80		22121	0.80	337	
143.80	144.80		22122	1.00	1	
144.80	145.80		22123	1.00	1	
145.80	146.20		22124	0.40	1	
161.20	162.00		22125	0.80	1	
162.00	162.50		22126	0.50	1	
162.50	163.50		22127	1.00	6	
168.60	169.10		22128	0.50	1	
169.10	169.80		22129	0.70	3739	3910

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE N.	LENG. (m)	Au ppb	Check ppb
169.10	169.80		22129	0.70	3739	3910
169.80	170.60		22130	0.80	93	
170.60	171.20		22131	0.60	58	
171.20	172.00		22132	0.80	4115	3940
172.00	172.90		22133	0.90	56	
172.90	173.70		22134	0.80	3113	3190
173.70	174.50		22135	0.80	56	
174.50	175.30		22136	0.80	357	
175.30	175.80		22137	0.50	62166	61060
175.80	176.80		22138	1.00	30	
180.40	180.80		22139	0.40	13	
188.70	189.70		22140	1.00	1	
189.70	190.50		22141	0.80	13	
197.30	198.30		22142	1.00	1	
198.30	199.30		22143	1.00	1	
199.30	199.90		22144	0.60	1	
199.90	200.70		22145	0.80	1	
200.70	201.50		22146	0.80	1	
201.50	202.50		22147	1.00	1	
209.70	210.30		22148	0.60	1	
217.80	218.80		22149	1.00	1	
218.80	219.80		22150	1.00	1	
219.80	220.80		22151	1.00	1	
220.80	221.80		22152	1.00	1	
230.10	230.60		22153	0.50	7	
235.30	236.30		22154	1.00	1	
236.30	237.00		22155	0.70	1	
237.00	237.90		22156	0.90	1	
237.90	238.90		22157	1.00	1	
238.90	239.90		22158	1.00	1	
239.90	240.90		22159	1.00	1	
240.90	241.90		22160	1.00	1	
241.90	242.90		22161	1.00	1	
247.40	248.40		22162	1.00	1	
282.90	283.40		22163	0.50	1	
283.40	283.80		22164	0.40	1	
283.80	284.70		22165	0.90	1	
284.70	285.50		22166	0.80	1	
285.50	286.30		22167	0.80	1	
286.30	287.10		22168	0.80	1	
287.10	288.10		22169	1.00	1	
288.10	288.70		22170	0.60	1	
293.10	294.10		22171	1.00	1	
294.10	294.70		22172	0.60	1	
294.70	295.30		22173	0.60	1	
295.30	296.30		22174	1.00	6	
340.20	341.20		22175	1.00	1	
350.00	351.00		22176	1.00	1	
	351.00	END OF HOLE				

Cons. Gold Hawk Resources Inc.

COMPANY : CONSOLIDATED GOLD HAWK RESOURCES INC		TOWNSHIP : BARRY		LOT :		PRINTED : September 03, 1997																									
PROJECT : BARRY		RANGE :		ZONE :																											
DRILL HOLE : 9097-03		CLAIM : 5131488		NO. REF. :		NTS : 32B/13																									
<u>COORDINATES AT COLLAR</u>		Barry																													
LINE : 01+00W		LINE : 00+00E		LATITUDE : 0.000		LATITUDE : 0.000																									
STATION : 01+50S		STATION : 00+00N		LONGITUDE : 0.000		LONGITUDE : 0.000																									
ELEVATION : 0.000		ELEVATION : 0.000		ELEVATION : 0.000		ELEVATION : 0.000																									
<u>SAMPLING</u>		BASIC ASSAYS : 22177-22183 (7)		<u>DATE</u>		DATE OF JOURNAL : July 22, 1997																									
LITHOLOGY :						SURVEY DATE :																									
<u>PEOPLE</u>		GEOLOGIST : ROBERT CASTONGUAY				CEMENTING DATE :																									
		CONTRACTOR : FORAGE BENOIT				DRILLING STARTED : July 20, 1997																									
		RELOG :				DRILLING FINISHED : July 21, 1997																									
<u>LENGTH</u>		COLLAR : 0.00		FINAL : 102.00		Total length : 102.00																									
<u>CORE</u>		STORED : BARRY PROPERTY		SIZE : BQ		CASING LEFT : Yes																									
PURPOSE : exploration hole on a no outcrop property TARGET : I.P. anomaly at 80.0m REMARKS : 26.7 m to 30.0 m; 1.9 g Au/t over 3.3 meters No explanation for I.P. anomaly Visible Gold (V.G.) encountered @ 27.5 meters																															
<u>DIRECTIONAL DATA</u>		AZIMUTH : 315° 0'		DIP : -50° 0'																											
<table border="1"> <thead> <tr> <th>Length</th> <th>Azimuth</th> <th>Dip</th> <th></th> <th></th> <th></th> <th></th> <th></th> </tr> </thead> <tbody> <tr> <td>12.00</td> <td>320 0'</td> <td>-51 0'</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>102.00</td> <td>320 0'</td> <td>-51 0'</td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>								Length	Azimuth	Dip						12.00	320 0'	-51 0'						102.00	320 0'	-51 0'					
Length	Azimuth	Dip																													
12.00	320 0'	-51 0'																													
102.00	320 0'	-51 0'																													



COMB. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
0.00	12.50	Overburden						
12.50	14.40	Diorite - medium green colour - medium-grained, locally coarse-grained - no apparent foliation - pervasive moderate chlorite, weak silica alteration  Note: 14.20 - 14.30 <i>temoin</i>						
14.40	15.00	Mafic volcanic/gabbro - dark green colour - medium-grained, but finer than previous interval - pervasive moderate chlorite, weak silica alteration - no apparent foliation - sharp contacts @ 45° CA  Note: 14.60 - 14.70 <i>temoin</i>						
15.00	40.90	Diorite - mottled medium green and white colour - medium-grained - generally no apparent foliation, locally foliated @ 50° CA - pervasive moderate chlorite alteration of mafic minerals - pervasive weak silica alteration - local strong biotite, chlorite alteration - trace pyrrhotite as fine-grained disseminations - occasional quartz veinlets @ 50° CA - occasional more mafic sections showing gradual transition  Note: 18.95 - 19.10 <i>temoin</i>  21.70 - 24.10 <i>feldspar porphyry</i>  - mottled medium green and white - medium-grained feldspar phenocrysts (5%) sitting in a fine-grained intermediate matrix - pervasive moderate chlorite alteration of matrix - pervasive weak silica alteration - occasional narrow diorite intervals within porphyry (up to 12cm wide) - occasional quartz-carbonate-chlorite veinlets @ 45° CA	22177	25.70	26.70	1.00	21	

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		26.70 - 29.00 quartz veinlets, alteration	22178	26.70	27.50	0.80	4207	4870
		- occasional narrow quartz veins (up to 5 cm) @ 50° CA (20% of interval)	22179	27.50	28.30	0.80	2411	2370
		- strong foliation @ 50° CA	22180	28.30	29.00	0.70	21	
		- pervasive strong biotite, weak silica alteration						
		- 1% fine-grained, disseminated pyrrhotite						
		31.00 - 31.10 tamoïn	22181	29.00	30.00	1.00	937	
		34.20 - 35.50 alteration						
		- pervasive moderate biotite, weak chlorite alteration						
		38.30 - 38.90 feldspar porphyry						
		- medium grey colour						
		- medium-grained feldspar phenocrysts (5%) sitting in a fine-grained intermediate matrix						
		- very weak foliation @ 50° CA						
		- pervasive weak silica, biotite alteration						
		- frequent thin chlorite-carbonate veinlets @ 40° CA						
40.90	47.00	Feldspar porphyry						
		- medium grey colour						
		- medium-grained feldspar phenocrysts (10%) sitting in a fine-grained intermediate matrix						
		- local moderate foliation @ 50° CA						
		- pervasive weak biotite, silica alteration						
		- occasional thin quartz veinlets @ 10° to 45° CA						
		- local trace of pyrrhotite						
		Note:						
		43.70 - 43.80 tamoïn						
47.00	54.00	Gabbro (melanocratic diorite?)	22182	51.60	52.60	1.00	12	
		- mottle dark green and white colour						
		- coarse-grained						
		- 50% to 70% mafic minerals						
		- no obvious foliation						
		- pervasive moderate chlorite alteration of mafic minerals						
		- pervasive weak silica alteration						
		- local weak carbonate alteration						
		- occasional thin pyrrhotite veinlets @ 30° and 45° CA showing local traces of chalcopyrite						
		- rare thin quartz veinlets @ 45° CA						
		- occasional narrow feldspar porphyry dykes up to 30cm wide, generally less than 5cm wide						
		Note:						
		52.40 - 52.60 tamoïn						

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
54.00	59.50	<p><b>Diorite</b></p> <ul style="list-style-type: none"> <li>- mottled medium green and white colour</li> <li>- coarse-grained</li> <li>- no apparent foliation</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> <li>- lower contact (last 1.2m) patchy medium green and mottled green and white colour</li> </ul> <p>Note:</p>						
59.50	72.80	<p><b>Gabbro (melanocratic diorite?)</b></p> <ul style="list-style-type: none"> <li>- mottled medium green and white colour</li> <li>- coarse-grained</li> <li>- weak local foliation @ 45° CA</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> <li>- local strong chlorite alteration in patches</li> <li>- local narrow quartz diorite dykes (up to 4cm wide) @ 45° CA</li> <li>- occasional quartz-carbonate veinlets @ 65° and 45° CA</li> <li>- 50% to 70% mafic minerals</li> </ul> <p>Note:</p> <p style="padding-left: 40px;">62.00 - 62.10 <b>teffin</b></p> <p style="padding-left: 40px;">64.30 - 65.50 <b>quartz diorite</b></p> <ul style="list-style-type: none"> <li>- mottled medium grey and white</li> <li>- medium-grained</li> <li>- massive, equigranular texture</li> <li>- 10% quartz content</li> <li>- pervasive weak silica alteration</li> </ul> <p style="padding-left: 40px;">65.30 - 65.40 <b>teffin</b></p>						
72.80	102.00	<p><b>Diorite</b></p> <ul style="list-style-type: none"> <li>- mottled medium green and white colour</li> <li>- coarse-grained</li> <li>- generally massive, crystalline texture</li> <li>- local strong foliation @ 60°CA</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- local strong chlorite alteration</li> <li>- local rare epidote crystals</li> <li>- occasional thin chlorite-pyrrhotite veinlets (up to 2mm wide) @ 20° CA</li> <li>- rare quartz diorite dykes (up to 3cm wide) @ 20° CA</li> </ul> <p>Note:</p>						

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		76.70 - 77.60 foliation, quartz veinlets  - strong foliation @ 60° CA - frequent quartz veinlets ( 25% of interval) @ 60° CA - 1% overall pyrrhotite parallel to foliation and along quartz veinlets  98.30 - 98.40 tamoin	22183	76.70	77.60	0.90	14	
	102.00	END OF HOLE						

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE N.	LENG. (m)	Au ppb	Check ppb
25.70	26.70		22177	1.00	21	
26.70	27.50		22178	0.80	4207	4870
27.50	28.30		22179	0.80	2411	2370
28.30	29.00		22180	0.70	21	
29.00	30.00		22181	1.00	937	
51.60	52.60		22182	1.00	12	
76.70	77.60		22183	0.90	14	
	102.00	END OF HOLE				

Cons. Gold Hawk Resources Inc.

COMPANY : CONSOLIDATED GOLD HAWK RESOURCES INC		TOWNSHIP : BARRY		LOT :		PRINTED : September 03, 1997	
PROJECT : BARRY		RANGE :		ZONE :			
DRILL HOLE : 9097-04		CLAIM : 5131488		NO. REF. :		NTS : 32B/13	
<u>COORDINATES AT COLLAR</u>		Barry					
LINE : 01+00E		LINE : 00+00E		LATITUDE :		0.000	
STATION : 00+25S		STATION : 00+00M		LONGITUDE :		0.000	
ELEVATION : 0.000		ELEVATION : 0.000		ELEVATION :		0.000	
<u>SAMPLING</u>		BASIC ASSAYS : 22184-22220 (37)		<u>DATE</u>		DATE OF JOURNAL : July 23, 1997	
LITHOLOGY :						SURVEY DATE :	
<u>PEOPLE</u>		GEOLOGIST : ROBERT CASTONGUAY				CEMENTING DATE :	
		CONTRACTOR : FORAGE BENOIT				DRILLING STARTED : July 21, 1997	
RELOG :						DRILLING FINISHED : July 23, 1997	
<u>LENGTH</u>		COLLAR : 0.00		FINAL : 231.00		Total length : 231.00	
<u>CORE</u>		STORED : BARRY PROPERTY		SIZE : BQ		CASING LEFT : Yes	
PURPOSE : exploration hole on a no outcrop property							
TARGET : I.P. anomaly at 200.0m							
REMARKS : No explanation for I.P. anomaly							
<u>DIRECTIONAL DATA</u>		AZIMUTH : 315° 0'		DIP : -65° 0'			
<u>Length</u>		<u>Azimuth</u>		<u>Dip</u>			
9.00		320 0'		-65 0'			
231.00		320 0'		-63 0'			

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
0.00	7.00	Overburden						
7.00	111.90	<p>Diorite//mafic volcanic</p> <p>Diorite:</p> <ul style="list-style-type: none"> <li>- mottled medium green and white</li> <li>- coarse-grained</li> <li>- massive, crystalline texture</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> <li>- local strong chlorite alteration</li> <li>- occasional chlorite veinlets @ 40° CA</li> <li>- rare mafic volcanic intervals</li> <li>- local traces of blue quartz crystals, subrounded</li> <li>- occasional mafic volcanic fragments (up to 30cm) at bottom 3.3m of unit</li> </ul> <p>Mafic volcanic:</p> <ul style="list-style-type: none"> <li>- medium green colour</li> <li>- fine-grained</li> <li>- generally not foliated</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- local strong chlorite alteration</li> <li>- occasional thin quartz-carbonate veinlets @ 5° CA</li> <li>- frequent diorite dykes (up to 30cm) @ 45° and 90° CA</li> <li>- rare narrow white quartz veins @ 45° CA, no sulphides or alteration associated</li> </ul> <p>Note:</p> <p>12.00 - 13.60 alteration, quartz veinlets</p> <ul style="list-style-type: none"> <li>- quartz-carbonate-chlorite veinlets (5mm wide) @ 0° to 5° CA</li> <li>- local strong chlorite alteration along veinlets</li> <li>- trace pyrite in wallrock</li> </ul> <p>16.10 - 16.20 <i>temoin</i></p> <p>17.00 - 18.00 alteration</p> <ul style="list-style-type: none"> <li>- feldspar take a dark pink colour; local hematite? alteration</li> <li>- local strong biotite, chlorite alteration</li> <li>- occasional (5% interval) quartz-carbonate-chlorite veinlets @ 90° CA</li> <li>- crosscutting fracture pattern over 10cm @ both 45° CA</li> <li>- trace pyrite/pyrrhotite? finely disseminated</li> </ul> <p>17.15 - 17.30 <i>temoin</i></p>						

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		<p>21.10 - 22.20 mafic volcanic</p> <ul style="list-style-type: none"> <li>- medium green colour</li> <li>- fine-grained</li> <li>- weak foliation @ 90° CA</li> <li>- pervasive moderate chlorite, silica alteration</li> <li>- local presence of fine chloritized mafic crystals?/shards?, may be mafic tuff</li> <li>- frequent diorite dykes @ 80° to 90° and 45° CA</li> </ul> <p>21.30 - 21.40 témoin</p>						
		<p>28.70 - 37.60 mafic volcanic</p> <ul style="list-style-type: none"> <li>- medium green colour</li> <li>- fine-grained</li> <li>- no obvious foliation</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- local strong chlorite alteration associated to dense microfractures and narrow quartz veinlet (2cm wide) @ 5° CA</li> <li>- frequent diorite dykes (up to 30cm wide) @ 45° and 90° CA</li> <li>- rare narrow white quartz vein @ 45° CA, no sulphides or alteration</li> </ul>	22184 22185	33.00 34.00	34.00 35.00	1.00 1.00	8 7	
		<p>37.60 - 45.30 diorite</p> <ul style="list-style-type: none"> <li>- mottled medium green and white</li> <li>- coarse-grained</li> <li>- no apparent foliation</li> <li>- massive, crystalline texture</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> <li>- gradual variation of mafic content from 50% to 25% to 40% of minerals</li> <li>- rare quartz-carbonate-chlorite vein @ 40° CA, showing traces of pyrrhotite</li> <li>- last 50cm show a finer-grained texture; "zone de cuisson"</li> </ul> <p>38.40 - 38.50 témoin</p>						
		<p>38.80 - 40.10 mafic volcanic</p> <ul style="list-style-type: none"> <li>- dark green colour</li> <li>- fine-grained</li> <li>- shows mafic volcanic fragments, or small pillows?</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- trace pyrrhotite in fine blebs</li> </ul>						



Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		45.30 - 52.90 mafic volcanic	22186	45.30	46.30	1.00	1	
		- medium green colour	22187	46.30	47.20	0.90	7	
		- fine-grained	22188	47.20	48.20	1.00	6	
		- local moderate foliation @ 40° and rarely @ 80° CA, showing an irregular fabric						
		- pervasive moderate chlorite alteration						
		- local strong chlorite alteration						
		- locally showing fragments of mafic volcanic origin, flow top breccia?						
		48.30 - 48.45 tamoïn						
		51.70 - 52.50 diorite/quartz diorite						
		- 80cm wide diorite dykes intruded in the middle by a 30cm wide quartz diorite dyke						
		- diorite: mottled green and white, coarse-grained w/in chloritized mafic minerals						
		- quartz diorite: grey, medium-grained, equigranular						
		53.00 - 58.00 diorite						
		- mottled medium green and white						
		- coarse-grained						
		- no apparent foliation						
		- pervasive moderate chlorite alteration of mafic minerals						
		- pervasive weak silica alteration						
		- local strong chlorite alteration						
		- occasional quartz-chlorite veinlets @ 45° CA						
		57.00 - 57.70 quartz diorite						
		- medium grey colour						
		- medium-grained, equigranular						
		- massive						
		- pervasive weak silica alteration						
		- trace fine-grained disseminations of pyrite						
		57.00 - 57.10 tamoïn						
		58.00 - 62.70 mafic volcanic	22189	58.00	58.70	0.70	8	
		- medium green colour	22190	58.70	59.20	0.50	7	
		- fine-grained	22191	59.20	60.20	1.00	1	
		- moderate to locally strong foliation @ 70° CA	22192	60.20	61.20	1.00	1	
		- pervasive moderate chlorite, weak silica alteration						
		- local strong chlorite alteration						
		- locally showing fragments of mafic volcanic origin, flow top breccia?						
		- rare thin pyrite/pyrrhotite veinlets @ 45° CA						
		60.60 - 60.70 tamoïn	22193	61.20	61.90	0.70	1	
			22194	61.90	62.70	0.80	7	

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		<p>62.70 - 66.50 diorite</p> <ul style="list-style-type: none"> <li>- mottled medium green and white</li> <li>- coarse-grained</li> <li>- no apparent foliation</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> <li>- local strong chlorite alteration</li> </ul> <p>66.50 - 69.40 mafic volcanic</p> <ul style="list-style-type: none"> <li>- dark green colour</li> <li>- fine-grained</li> <li>- weak foliation @ 70° to 80° CA</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- local vesicular texture; pillow or fragment?, up to 5cm wide</li> <li>- occasional narrow diorite dykes up to 5cm wide @ 70° CA</li> </ul> <p>69.40 - 78.30 diorite</p> <ul style="list-style-type: none"> <li>- mottled medium green and white colour</li> <li>- coarse-grained</li> <li>- no apparent foliation, crystalline texture</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> <li>- local strong chlorite alteration</li> <li>- occasional quartz veinlets (up to 2cm wide) @ 60° CA</li> </ul> <p>72.30 - 72.80 quartz diorite</p> <ul style="list-style-type: none"> <li>- quartz diorite dyke cutting diorite @ 70°</li> <li>- medium grey colour</li> <li>- medium-grained, equigranular texture</li> <li>- pervasive weak silica alteration</li> </ul> <p>78.30 - 80.50 mafic volcanic</p> <ul style="list-style-type: none"> <li>- medium green colour</li> <li>- fine-grained</li> <li>- weak foliation @ 75° CA</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- trace thin veinlets of pyrite/pyrrhotite @ 40° CA</li> <li>- frequent thin quartz-carbonate veinlets parallel to foliation</li> </ul> <p>80.50 - 82.10 diorite</p> <ul style="list-style-type: none"> <li>- mottled medium green and white</li> <li>- coarse-grained</li> <li>- no apparent foliation</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> </ul>						
			22195	79.50	80.50	1.00	8	

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		82.10 - 83.70 mafic volcanic, foliated	22196	82.20	83.20	1.00	1	
		<ul style="list-style-type: none"> <li>- banded medium green and white</li> <li>- fine-grained</li> <li>- strong foliation @ 80° CA</li> <li>- banded moderate chlorite alteration</li> <li>- pervasive moderate albite? alteration (medium grey colour)</li> <li>- pervasive moderate silica alteration</li> <li>- banded aspect shows frequent mafic fragment of the same composition as the interval, flow top breccia?</li> </ul>	22197	83.20	83.70	0.50	1	
		83.70 - 84.30 diorite	22198	83.70	84.30	0.60	8	
		<ul style="list-style-type: none"> <li>- mottled medium green and white colour</li> <li>- coarse-grained</li> <li>- no apparent foliation, crystalline texture</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> </ul>						
		84.30 - 86.50 mafic volcanic	22199	84.30	85.10	0.80	16	
		<ul style="list-style-type: none"> <li>- medium green colour</li> <li>- fine-grained</li> <li>- moderate foliation between 60° and 75° CA</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- shows 25% fragments of mafic volcanic (flow top breccia?), and locally vesicular texture</li> </ul>						
		84.40 - 84.55 témoin						
			22200	85.10	85.80	0.70	6	
			22201	85.80	86.50	0.70	7	
		86.50 - 92.40 diorite						
		<ul style="list-style-type: none"> <li>- mottle medium green and white</li> <li>- coarse-grained</li> <li>- local weak foliation @ 90° CA</li> <li>- pervasive moderate chlorite alteration fo mafic minerals</li> <li>- pervasive weak silica alteration</li> </ul>						
		92.40 - 94.20 mafic volcanic	22202	92.40	93.30	0.90	9	
		<ul style="list-style-type: none"> <li>- medium green colour</li> <li>- fine-grained</li> <li>- moderate foliation @ 85° CA</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- shows 5% fragments of mafic volcanic origin and occasional vesiculated sections up to 8cm wide</li> <li>- trace pyrrhotite as fine blebs</li> </ul>						
		93.20 - 93.30 témoin						

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		94.20 - 111.90 diorite	22203 22204	93.30 98.00	94.20 99.00	0.90 1.00	1 6	
		<ul style="list-style-type: none"> <li>- mottled medium green and white</li> <li>- coarse-grained</li> <li>- local weak foliation @ 70° CA</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> <li>- occasional carbonate-chlorite veinlets @ 40° and 15° CA</li> <li>- rare small lumps of quartz veinlets</li> <li>- trace pyrrhotite and rare chalcopyrite</li> </ul>						
		99.20 - 99.60 quartz diorite						
		<ul style="list-style-type: none"> <li>- leucocratic quartz diorite</li> <li>- white colour with fine speckels of black</li> <li>- coarse-grained</li> <li>- no foliation</li> <li>- pervasive weak silica alteration</li> <li>- contacts @ 5° CA, bottom contact opposite of upper contact</li> </ul>						
		107.90 - 108.00 ternois						
111.90	124.00	Diorite	22205	114.10	115.10	1.00	45	
		<ul style="list-style-type: none"> <li>- medium grey colour</li> <li>- medium-grained, showing 1% feldspar phenocrysts</li> <li>- no apparent foliation</li> <li>- pervasive weak silica alteration</li> <li>- local strong sericite alteration along quartz-carbonate veinlets</li> <li>- occasional thin quartz-carbonate veinlets @ 5° to 20° CA</li> <li>- rare quartz veinlets (up to 1cm wide) @ 20° CA</li> <li>- trace pyrrhotite, locally 5% associated to a quartz veinlet</li> </ul>						
		Note:						
		115.10 - 115.20 ternois						
124.00	163.50	Diorite	22206	118.90	119.80	0.90	1	
		<ul style="list-style-type: none"> <li>- mottled medium green and white</li> <li>- coarse-grained</li> <li>- no apparent foliation</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> <li>- occasional quartz veinlets @ 30° CA, up to 1cm wide</li> <li>- occasional thin chlorite veinlets @ 10° to 20° CA</li> <li>- local traces of pyrrhotite as fine to coarse blebs</li> </ul>						
		Note:						

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		132.70 - 136.20 feldspar porphyry						
		- medium grey colour						
		- medium-grained feldspar phenocrysts (5%) sitting in a fine-grained intermediate matrix						
		- no apparent foliation						
		- pervasive moderate silica alteration						
		- local strong sericite alteration						
		- occasional thin quartz-carbonate veinlets @ 5° CA and crosscutting 30° CA						
		146.90 - 147.00 témoin						
		149.00 - 149.70 mafic volcanic						
		- dark green colour						
		- fine-grained						
		- no apparent foliation, massive						
		- pervasive moderate chlorite, weak silica alteration						
		149.60 - 149.70 témoin						
		160.60 - 160.70 témoin						
		162.40 - 163.50 alteration, quartz vein	22207	162.40	162.90	0.50	1	
		- 30cm wide white quartz vein @ 60° CA	22208	162.90	163.50	0.60	1	
		- pervasive moderate sericite alteration in wall rock						
		- local strong chlorite alteration in wall rock						
		- trace pyrrhotite as fine blebs						
163.50	231.00	Quartz diorite	22209	163.50	164.50	1.00	1	
		- mottled white and dark grey colour						
		- coarse-grained						
		- 10% to 15% quartz content						
		- local moderate foliation @ 70° CA						
		- pervasive weak silica alteration						
		- trace pyrrhotite as fine-grained disseminations and fine blebs						
		- trace chalcopyrite at 188.4 with thin quartz veinlet @ 50° CA						
		- occasional thin quartz veins @ 45°, 60° and 80° CA						
		Note:						
		163.80 - 163.90 témoin						
		168.00 - 168.10 témoin						
		171.00 - 171.40 alteration	22210	170.00	171.00	1.00	7	
		- pervasive moderate sericite, silica, weak ankerite? alteration						
		- 2% pyrite/pyrrhotite as fine and medium blebs, and fine-grained disseminations						

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		171.00 - 171.10 <b>temoin</b>	22211	171.00	171.40	0.40	10	
		184.70 - 187.50 <b>alteration</b>	22212	171.40	172.40	1.00	12	
		- pervasive pink (hematite?) alteration of feldspars	22213	184.70	185.70	1.00	7	
		- occasional quartz vein up to 7cm wide @ approximately 70° to 80° CA						
		- local strong chlorite alteration						
		185.60 - 185.70 <b>temoin</b>	22214	194.00	195.00	1.00	1	
			22215	195.00	196.00	1.00	1	
		196.00 - 197.90 <b>foliation, alteration</b>	22216	196.00	197.00	1.00	31	
		- strong foliation @ 80° CA	22217	197.00	197.90	0.90	66	
		- pervasive moderate silica alteration						
		- local strong sericite alteration						
		- rare quartz veinlets @ 80° CA						
		- trace chalcopyrite as fine blebs						
		197.40 - 197.50 <b>temoin</b>						
		198.20 - 201.80 <b>diorite</b>						
		- medium grey colour						
		- medium-grained						
		- local moderate foliation @ 70° CA						
		- pervasive weak silica alteration						
		- local weak sericite alteration						
		- trace fine-grained disseminated pyrite/pyrrhotite						
		201.80 - 204.30 <b>feldspar porphyry</b>						
		- medium grey colour						
		- medium-grained feldspar phenocrysts (5% to locally 1%) sitting in a fine-grained intermediate matrix						
		- local moderate foliation @ 80° CA						
		- occasional quartz veinlets up to 2cm wide @ 80° CA						
		- trace pyrrhotite as fine to medium blebs						
		203.20 - 203.40 <b>temoin</b>						
			22218	212.30	213.30	1.00	7	
		213.30 - 213.80 <b>alteration, quartz vein</b>	22219	213.30	213.80	0.50	1	
		- 3cm wide quartz vein @ 60° CA						
		- pervasive moderate biotite, sericite, weak silica alteration						
		- trace pyrrhotite in vein						
			22220	213.80	214.80	1.00	1	

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		215.90 - 216.00 <i>temoin</i>						
		227.70 - 228.50 <i>alteration</i>						
		- <i>pervasive weak sericite alteration</i>						
	231.00	END OF HOLE						

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE N.	LENG. (m)	Au ppb	Check ppb
33.00	34.00		22184	1.00	8	
34.00	35.00		22185	1.00	7	
45.30	46.30		22186	1.00	1	
46.30	47.20		22187	0.90	7	
47.20	48.20		22188	1.00	6	
58.00	58.70		22189	0.70	8	
58.70	59.20		22190	0.50	7	
59.20	60.20		22191	1.00	1	
60.20	61.20		22192	1.00	1	
61.20	61.90		22193	0.70	1	
61.90	62.70		22194	0.80	7	
79.50	80.50		22195	1.00	8	
82.20	83.20		22196	1.00	1	
83.20	83.70		22197	0.50	1	
83.70	84.30		22198	0.60	8	
84.30	85.10		22199	0.80	16	
85.10	85.80		22200	0.70	6	
85.80	86.50		22201	0.70	7	
92.40	93.30		22202	0.90	9	
93.30	94.20		22203	0.90	1	
98.00	99.00		22204	1.00	6	
114.10	115.10		22205	1.00	45	
118.90	119.80		22206	0.90	1	
162.40	162.90		22207	0.50	1	
162.90	163.50		22208	0.60	1	
163.50	164.50		22209	1.00	1	
170.00	171.00		22210	1.00	7	
171.00	171.40		22211	0.40	10	
171.40	172.40		22212	1.00	12	
184.70	185.70		22213	1.00	7	
194.00	195.00		22214	1.00	1	
195.00	196.00		22215	1.00	1	
196.00	197.00		22216	1.00	31	
197.00	197.90		22217	0.90	66	
212.30	213.30		22218	1.00	7	
213.30	213.80		22219	0.50	1	
213.80	214.80		22220	1.00	1	
	231.00	END OF HOLE				



Cons. Gold Hawk Resources Inc.

COMPANY : CONSOLIDATED GOLD HAWK RESOURCES INC		TOWNSHIP : BARRY	LOT :	PRINTED : September 03,1997
PROJECT : BARRY		RANGE :	ZONE :	
DRILL HOLE : 9097-05		CLAIM : 5131484	NO. REF. :	NTS : 32B/13
<u>COORDINATES AT COLLAR</u>	Barry	LINE : 04+00W	LINE : 00+00E	LATITUDE : 0.000
		STATION : 00+30S	STATION : 00+00N	LONGITUDE : 0.000
		ELEVATION : 0.000	ELEVATION : 0.000	ELEVATION : 0.000
<u>SAMPLING</u>	BASIC ASSAYS : 22221-22235 (15)		<u>DATE</u>	DATE OF JOURNAL : July 26,1997
	LITHOLOGY :			SURVEY DATE :
<u>PEOPLE</u>	GEOLOGIST : ROBERT CASTONGUAY			CEMENTING DATE :
	CONTRACTOR : FORAGE BENOIT			DRILLING STARTED : July 23,1997
	RELOG :			DRILLING FINISHED : July 24,1997
<u>LENGTH</u>	COLLAR : 0.00	FINAL : 111.00	Total length : 111.00	
<u>CORE</u>	STORED : BARRY PROPERTY		SIZE : BQ	CASING LEFT : Yes
PURPOSE : exploration hole on a no outcrop property				
TARGET : I.P. anomaly at 80.0m				
REMARKS : No explanation for I.P. anomaly				
<u>DIRECTIONAL DATA</u>	AZIMUTH : 315° 0'		DIP : -65° 0'	
<u>Length</u>	<u>Azimuth</u>	<u>Dip</u>		
12.00	320 0'	-65 0'		
108.00	320 0'	-64 0'		

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
0.00	12.50	Overburden						
12.50	13.40	Diorite <ul style="list-style-type: none"> <li>- mottled medium green and white</li> <li>- coarse-grained</li> <li>- no apparent foliation</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> <li>- lower contact showing a fine-grained mafic volcanic rock over 20cm</li> </ul> <p>Note:  12.75 - 12.85 <i>temoin</i></p>						
13.40	14.30	Feldspar porphyry <ul style="list-style-type: none"> <li>- medium grey colour</li> <li>- medium-grained feldspar phenocrysts (5%) sitting in a fine-grained intermediate matrix</li> <li>- no apparent foliation</li> <li>- a quartz veinlet @ 70° CA</li> </ul> <p>Note:  14.10 - 14.20 <i>temoin</i></p>						
14.30	36.90	Mafic volcanic//gabbro <p>Mafic volcanic:</p> <ul style="list-style-type: none"> <li>- dark green colour</li> <li>- fine-grained</li> <li>- generally massive, no apparent foliation</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- local moderate ankerite? alteration as thin veinlets of white minerals @ 80° CA</li> <li>- occasional quartz-carbonate veinlets @ 30°, 60° and 80° CA</li> </ul> <p>Gabbro:</p> <ul style="list-style-type: none"> <li>- mottled dark green and white</li> <li>- coarse-grained</li> <li>- no obvious foliation</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> <li>- local weak ankerite? alteration as thin veinlets of white minerals @ 80° CA</li> <li>- occasional quartz-carbonate veinlets @ 60° and 80° CA</li> </ul> <ul style="list-style-type: none"> <li>- frequent diorite and feldspar porphyry dykes cut through the mafic volcanic and the gabbro @ 40° to 60° and 80° CA</li> <li>- contacts between gabbro and volcanics are @ approximately 60° CA, some contacts seem gradual</li> </ul> <p>Note:</p>						

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		<p>14.30 - 18.60 <b>gabbro</b></p> <ul style="list-style-type: none"> <li>- mottled dark green and white</li> <li>- coarse-grained</li> <li>- no apparent foliation</li> <li>- frequent diorite dykes @ 80° CA, up to 5cm wide</li> </ul> <p>16.40 - 16.50 <b>teoin</b></p> <p>18.60 - 19.20 <b>mafic volcanic</b></p> <ul style="list-style-type: none"> <li>- dark green colour</li> <li>- fine-grained</li> <li>- massive</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- a 5cm wide diorite dyke @ 45° CA</li> </ul> <p>18.90 - 19.00 <b>teoin</b></p> <p>19.20 - 26.00 <b>gabbro</b></p> <ul style="list-style-type: none"> <li>- mottled medium green and white colour</li> <li>- coarse-grained</li> <li>- no foliation</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> <li>- locally 1% to 2% quartz content</li> </ul> <p>21.90 - 22.40 <b>feldspar porphyry</b></p> <ul style="list-style-type: none"> <li>- medium grey colour</li> <li>- medium-grained feldspar phenocrysts (5%) sitting in a fine-grained intermediate matrix</li> <li>- no foliation</li> <li>- pervasive weak silica alteration</li> <li>- local weak sericite alteration in thine carbonate veinlets @ 5° to 30° CA</li> </ul> <p>23.70 - 25.40 <b>quartz diorite</b></p> <ul style="list-style-type: none"> <li>- mottled pale grey, pale green and white colour</li> <li>- coarse-grained</li> <li>- no foliation</li> <li>- pervasive weak chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> <li>- quartz content between 5% and 10%</li> </ul> <p>23.90 - 24.00 <b>teoin</b></p>						

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
36.90	95.80	26.00 - 28.10 mafic volcanic						
		<ul style="list-style-type: none"> <li>- medium green colour</li> <li>- fine-grained</li> <li>- weak local foliation @ 45° CA</li> <li>- gradual contact, may be finer-grained gabbro</li> </ul>						
		28.10 - 34.80 gabbro//diorite//mafic volcanic						
		<ul style="list-style-type: none"> <li>- mottled medium green and white colour</li> <li>- coarse-grained</li> <li>- interlayered diorite and gabbro, contacts @ approximately 50° CA</li> <li>- narrow, up to 40cm wide, mafic volcanic intervals with contacts @ 50° CA</li> </ul>						
		34.80 - 36.90 mafic volcanic	22221	35.00	36.00	1.00	1	
		<ul style="list-style-type: none"> <li>- dark green colour</li> <li>- fine-grained</li> <li>- generally massive</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- occasional quartz-carbonate veinlets @ 60° CA</li> </ul>						
		36.00 - 36.90 mineralization, quartz vein						
		<ul style="list-style-type: none"> <li>- 30cm quartz vein @ 45° CA</li> <li>- pervasive moderate chlorite, weak silica alteration</li> <li>- up to 20% pyrite over 15cm wide (associated to a 3cm wide quartz lump), and overall 5% pyrite as thin veinlets @ 60° CA associated with quartz veins</li> </ul>	22222	36.00	36.90	0.90	10	
		36.00 - 36.10 témoin	22223	36.90	37.90	1.00	1	
		Quartz diorite						
		<ul style="list-style-type: none"> <li>- mottled medium green and white colour</li> <li>- coarse-grained</li> <li>- no apparent foliation</li> <li>- pervasive moderate chlorite alteration</li> <li>- pervasive weak silica alteration</li> <li>- 10% quartz content</li> <li>- rare carbonate veinlets @ 45° CA</li> <li>- local coarse pyrite blebs, trace overall</li> <li>- local quartz-chlorite veinlets @ 20° to 30° CA</li> </ul>						
		Note:						
		46.60 - 46.70 témoin						

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
		49.90 - 51.80 gabbro (melanocratic diorite?)  - mottled medium green and white colour - coarse-grained - no foliation - pervasive moderate chlorite alteration of mafic minerals - pervasive weak silica alteration - 50% to 70% mafic mineral content  50.00 - 50.10 tamoia						
			22224	50.80	51.80	1.00	1	
			22225	51.80	52.50	0.70	1	
		52.50 - 52.90 alteration, quartz vein  - 20cm wide quartz-carbonate vein @ 10° CA - 15% biotite in vein - 2% pyrite/pyrrhotite as medium-grained disseminations - local strong biotite, chlorite, carbonate alteration	22226	52.50	52.90	0.40	53	
			22227	52.90	53.80	0.90	1	
		68.00 - 69.00 alteration  - medium green colour - pervasive intense chlorite alteration						
		80.20 - 81.10 diorite  - quartz content gradually becomes lower than 1%						
			22228	86.40	87.40	1.00	1	
		89.00 - 89.80 mafic volcanic  - medium green colour - fine-grained - no foliation, massive - pervasive strong chlorite alteration - occasional quartz-carbonate veinlets @ 45° CA						
		94.50 - 95.80 alteration, lower contact  - pale yellowish green colour - pervasive strong sericite alteration						
95.80	99.90	Feldspar porphyry  - medium grey colour - medium-grained feldspar phenocrysts (5%) sitting in a fine-grained intermediate matrix - no foliation - pervasive weak silica, biotite alteration						

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE	FROM (m)	TO (m)	LENG. (m)	Au ppb	Check ppb
99.90	104.50	<p>Quartz diorite</p> <ul style="list-style-type: none"> <li>- mottled medium green and white colour</li> <li>- coarse-grained</li> <li>- no foliation</li> <li>- pervasive moderate chlorite alteration of mafic minerals</li> <li>- pervasive weak silica alteration</li> </ul> <p>Note:</p> <p style="padding-left: 40px;">101.30 - 101.40 <i>temoin</i></p>						
104.50	111.00	<p>Altered quartz diorite</p> <ul style="list-style-type: none"> <li>- pale yellowish green colour</li> <li>- coarse-grained</li> <li>- no obvious foliation</li> <li>- pervasive moderate sericite, weak silica, chlorite alteration</li> <li>- no sulphides</li> <li>- occasional narrow (up to 30cm wide) feldspar porphyry and diorite dykes @ 80° CA</li> </ul> <p>Note:</p> <p style="padding-left: 40px;">108.15 - 108.25 <i>temoin</i></p>	<p>22229</p> <p>22230</p> <p>22231</p> <p>22232</p> <p>22233</p>	<p>104.00</p> <p>105.00</p> <p>106.00</p> <p>107.00</p> <p>108.00</p>	<p>105.00</p> <p>106.00</p> <p>107.00</p> <p>108.00</p> <p>109.00</p>	<p>1.00</p> <p>1.00</p> <p>1.00</p> <p>1.00</p> <p>1.00</p>	<p>1</p> <p>1</p> <p>1</p> <p>1</p> <p>1</p>	
	111.00	<p>END OF HOLE</p>	<p>22234</p> <p>22235</p>	<p>109.00</p> <p>110.00</p>	<p>110.00</p> <p>111.00</p>	<p>1.00</p> <p>1.00</p>	<p>1</p> <p>1</p>	

Cons. Gold Hawk Resources Inc.

FROM (m)	TO (m)	DESCRIPTION	SAMPLE N.	LENG. (m)	Au ppb	Check ppb
35.00	36.00		22221	1.00	1	
36.00	36.90		22222	0.90	10	
36.90	37.90		22223	1.00	1	
50.80	51.80		22224	1.00	1	
51.80	52.50		22225	0.70	1	
52.50	52.90		22226	0.40	53	
52.90	53.80		22227	0.90	1	
86.40	87.40	biotite alteration, pyrite(trace)	22228	1.00	1	
104.00	105.00		22229	1.00	1	
105.00	106.00		22230	1.00	1	
106.00	107.00		22231	1.00	1	
107.00	108.00		22232	1.00	1	
108.00	109.00		22233	1.00	1	
109.00	110.00		22234	1.00	1	
110.00	111.00		22235	1.00	1	
	111.00	END OF HOLE				

## Appendix C - Assay Certificates





# Intertek Testing Services Chimitec Bondar Clegg

## Certificat D'Analyse Assay Lab Report

CLIENT: CONSOLIDATED GOLD HAWK RES.  
REPORT: C97-62003.0 ( COMPLETE )

PROJECT: 90  
DATE PRINTED: 11-AUG-97 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AU30 PPB
22001		<5
22002		<5
22003		<5
22004		<5
22005		<5
22006		5
22007		6
22008		12
22009		<5
22010		<5
22011		<5
22012		<5
22013		<5
22014		<5
22015		<5
22016		<5
22017		<5
22018		<5
22019		6
22020		<5
22021		<5
22022		<5
22023		<5
22024		103
22025		8
22026		7
22027		46
22028		7
22029		<5
22030		<5
22031		<5
22032		<5
22033		<5



**Intertek Testing Services**  
**Chimitec**  
**Bondar Clegg**

**Certificat D'Analyse**  
**Assay Lab Report**

CLIENT: CONSOLIDATED GOLD MINE RES.  
 REPORT: C97-62195.0 ( COMPLETE )

PROJECT: 90  
 DATE PRINTED: 5-AUG-97 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	AUSO PPB	SAMPLE NUMBER	ELEMENT UNITS	AUSO PPB
22034		<	22074		8
22035		<	22075		265
22036		<	22076		<
22037		<	22077		<
22038		<	22078		<
22039		<	22079		<
22040		<	22080		<
22041		<	22081		<
22042		<	22082		<
22043		6	22083		<
22044		14	22084		<
22045		<	22085		<
22046		7	22086		<
22047		<	22087		<
22048		9	22088		84
22049		909	22089		11
22050		131	22090		<
22051		3766	22091		<
22052		1035	22092		59
22053		48	22093		<
22054		<	22094		<
22055		13	22095		15
22056		<	22096		<
22057		<	22097		14
22058		<	22098		<
22059		<	22099-22100		2165
22060		15	22101		396
22061		<	22102		361
22062		<	22103		16
22063		16	22104		33
22064		435	22105		98
22065		763	22106		11
22066		158	22107		<
22067		672	22108		99
22068		1019	22109		373
22069		157	22110		3819
22070		1229			
22071		6			
22072		<			
22073		<			



**Intertek Testing Services**  
Chimitec Bondar Clegg

**Certificat D'Analyse**  
Assay Lab Report

CLIENT: CONSOLIDATED GOLD HAWK RES.  
REPORT: C97-62271.0 ( COMPLETE )

PROJECT: 90  
DATE PRINTED: 7-AUG-97 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	AuGrav G/T	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	AuGrav G/T
22111		<5		22151		<5	
22112		452		22152		<5	
22113		41		22153		7	
22114		33		22154		<5	
22115		7		22155		<5	
22116		<5		22156		<5	
22117		<5		22157		<5	
22118		<5		22158		<5	
22119		<5		22159		<5	
22120		22		22160		<5	
22121		337		22161		<5	
22122		<5		22162		<5	
22123		<5		22163		<5	
22124		<5		22164		<5	
22125		<5		22165		<5	
22126		<5		22166		<5	
22127		6		22167		<5	
22128		<5		22168		<5	
22129		3739	3.91	22169		<5	
22130		93		22170		<5	
22131		58		22171		<5	
22132		4115	3.94				
22133		36					
22134		3113	3.19				
22135		56					
22136		357					
22137		62166	61.06				
22138		30					
22139		13					
22140		<5					
22141		13					
22142		<5					
22143		<5					
22144		<5					
22145		<5					
22146		<5					
22147		<5					
22148		<5					
22149		<5					
22150		<5					



**Intertek Testing Services**  
Chimitec Bondar Clegg

**Certificat D'Analyse**  
Assay Lab Report

CLIENT: CONSOLIDATED GOLD HAWK RES.  
REPORT: C97-62272.0 ( COMPLETE )

PROJECT: 90  
DATE PRINTED: 7-AUG-97 PAGE 1

SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	AuGrav G/T	SAMPLE NUMBER	ELEMENT UNITS	Au30 PPB	AuGrav G/T
22172		<5		22212		12	
22173		<5		22213		7	
22174		6		22214		<5	
22175		<5		22215		<5	
22176		<5		22216		31	
22177		21		22217		66	
22178		4207	4.87	22218		7	
22179		2411	2.37	22219		<5	
22180		21		22220		<5	
22181		937		22221		<5	
22182		12		22222		10	
22183		14		22223		<5	
22184		8		22224		<5	
22185		7		22225		<5	
22186		<5		22226		53	
22187		7		22227		<5	
22188		6		22228		<5	
22189		8		22229		<5	
22190		7		22230		<5	
22191		<5		22231		<5	
22192		<5		22232		<5	
22193		<5		22233		<5	
22194		7		22234		<5	
22195		8		22235		<5	
22196		<5					
22197		<5					
22198		8					
22199		16					
22200		6					
22201		7					
22202		9					
22203		<5					
22204		6					
22205		45					
22206		<5					
22207		<5					
22208		<5					
22209		<5					
22210		7					
22211		10					





CLIENT: CONSOLIDATED GOLD HAWK RES.  
REPORT: C97-62193.1 ( COMPLETE )

PROJECT: 90  
DATE PRINTED: 8-AUG-97 PAGE 2

SAMPLE NUMBER	ELEMENT UNITS	AuGrav G/T
22110		3.74
Duplicate		3.36



# Swastika Laboratories

AA: Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 1 of 2

Established 1928

## Geochemical Analysis Certificate

7W-3275-RG1

Company: **CONSOLIDATED GOLD HAWK RES INC**

Date: AUG-19-97

Project: 90

Attn: M. Fekete/M. Watson

We hereby certify the following Geochemical Analysis of 33 Reject samples submitted AUG-14-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au oz/ton	Au Check oz/ton	Au 2nd oz/ton
22049	1310	-	-	0.038	-	-
22050	185	-	-	0.005	-	-
22051	3017	3291	-	0.088	0.096	-
22052	878	789	-	0.026	0.023	-
22053	45	-	-	0.001	-	-
22064	643	-	-	0.019	-	-
22065	1915	-	-	0.056	-	-
22066	135	-	-	0.004	-	-
22067	471	-	-	0.014	-	-
22068	705	-	-	0.021	-	-
22069	273	-	-	0.008	-	-
22070	2811	-	-	0.082	-	-
22099 22100	2366	-	-	0.069	-	-
22101	891	-	-	0.026	-	-
22102	1011	-	-	0.030	-	-
22108	111	69	-	0.003	0.002	-
22109	317	-	-	0.009	-	-
22110	3291	3360	-	0.096	0.098	-
22111	15	-	-	<0.001	-	-
22112	631	-	-	0.018	-	-
22129	4800	5794	-	0.140	0.169	-
22130	163	-	-	0.005	-	-
22131	46	-	-	0.001	-	-
22132	4731	3737	-	0.138	0.109	-
22133	51	-	-	0.002	-	-
22134	2709	-	-	0.079	-	-
22135	24	-	-	<0.001	-	-
22136	369	-	-	0.011	-	-
22137	60035	64869	-	1.751	1.892	-
22178	19303	17863	16389	0.563	0.521	0.478

One assay ton portion used.

Certified by



# Swastika Laboratories

A Division of TSL/Assayers Inc.

Assaying - Consulting - Representation

Page 2 of 2

Established 1928

7W-3275-RG1

## Geochemical Analysis Certificate

Date: AUG-19-97

Company: **CONSOLIDATED GOLD HAWK RES INC**

Project: 90

Attn: M. Fekete/M. Watson

We hereby certify the following Geochemical Analysis of 33 Reject samples submitted AUG-14-97 by .

Sample Number	Au PPB	Au Check PPB	Au 2nd PPB	Au oz/ton	Au Check oz/ton	Au 2nd oz/ton
22179	6891	6343	-	0.201	0.185	-
22180	27	-	-	<0.001	-	-
22181	910	960	-	0.027	0.028	-

One assay ton portion used.

Certified by



## **Appendix D - Weight Average Calculations**

HOLE	SAMPLE	FROM m	TO m	ITS #1 ppb	ITS #2 ppb	SWAS #1 ppb	SWAS #2 ppb	SWAS #3 ppb	AVG. ppb	INT. m	S #1*INT. g/t*m	S#1*INT. g/t*m	AVG*INT g/t*m	WA AVG g/t	WA ITS#1 g/t	SWAS#1 g/t
9097-01	22049	134.5	136.0	909		1310			1110	1.5	1.4	2.0	1.7			
	22050	136.0	137.5	131		185			158	1.5	0.2	0.3	0.2			
	22051	137.5	139.0	3766	4460	3017	3291		3634	1.5	5.6	4.5	5.5			
	22052	139.0	140.5	1035	1030	878	789		933	1.5	1.6	1.3	1.4			
				5841		5390			5834	6.0	8.8	8.1	8.8	1.5	1.5	1.3
9097-01	22064	181.6	182.6	435		643			539	1.0	0.4	0.6	0.5			
	22065	182.6	183.6	763		1915			1339	1.0	0.8	1.9	1.3			
	22066	183.6	184.6	158		135			147	1.0	0.2	0.1	0.1			
	22067	184.6	185.6	672		471			572	1.0	0.7	0.5	0.6			
	22068	185.6	186.0	1019	990	705			905	0.4	0.4	0.3	0.4			
	22069	186.0	186.7	157		273			215	0.7	0.1	0.2	0.2			
	22070	186.7	187.4	1229	1950	2811			1997	0.7	0.9	2.0	1.4			
									5712	5.8	3.4	5.6	4.5	0.8	0.6	1.0
9097-02	2099-100	84.0	86.0	2165	2540	2366			2357	2.0	4.3	4.7	4.7			
	22101	86.0	86.6	396		891			644	0.6	0.2	0.5	0.4			
	22102	86.6	87.5	361		1011			686	0.9	0.3	0.9	0.6			
									3687	3.5	4.9	6.2	5.7	1.6	1.4	1.8
9097-02	22108	103.2	104.1	99		111	69		93	0.9	0.1	0.1	0.1			
	22109	104.1	104.6	373		317			345	0.5	0.2	0.2	0.2			
	22110	104.6	105.6	3819	3740	3291	3360		3553	1.0	3.8	3.3	3.6			
									3991	2.4	4.1	3.5	3.8	1.6	1.7	1.5
9097-02	22129	169.1	169.8	3739	3910	4800	5794		4561	0.7	2.6	3.4	3.2			
	22130	169.8	170.6	93		163			128	0.8	0.1	0.1	0.1			
	22131	170.6	171.2	58		46			52	0.6	0.0	0.0	0.0			
	22132	171.2	172.0	4115	3940	4731	3737		4131	0.8	3.3	3.8	3.3			
	22133	172.0	172.9	36		51			44	0.9	0.0	0.0	0.0			
	22134	172.9	173.7	3113	3190	2709			3004	0.8	2.5	2.2	2.4			
	22135	173.7	174.5	56		24			40	0.8	0.0	0.0	0.0			
	22136	174.5	175.3	357		369			363	0.8	0.3	0.3	0.3			
	22137	175.3	175.8	34280	34280	34280	34280		34280	0.5	17.1	17.1	17.1			
									46602	6.7	26.0	27.0	26.5	4.0	3.9	4.0
									74355	6.7	40.0	39.8	40.4	6.0	6.0	5.9
9097-03	22178	26.7	27.5	4207	4870	19303	17863	16389	12526	0.8	3.4	15.4	10.0			
	22179	27.5	28.3	2411	2370	6891	6343		4504	0.8	1.9	5.5	3.6			
	22180	28.3	29.0	21		27			24	0.7	0.0	0.0	0.0			
	22181	29.0	30.0	937		910	960		936	1.0	0.9	0.9	0.9			
									17990	3.3	6.2	21.9	14.6	4.4	1.9	6.6

## **Appendix E - Weight Average Variations**

HOLE NO.	SAMPLE NO.	FROM m	TO m	INT: m	WA		WA ITS#1		WA SL#1	
					AVG g/t		g/t	% var.	g/t	% var.
9097-01	22049	134.5	136.0	1.5						
	22050	136.0	137.5	1.5						
	22051	137.5	139.0	1.5						
	22052	139.0	140.5	1.5						
				6.0	1.5	1.5	0.0	1.3	-13.3	
9097-01	22064	181.6	182.6	1.0						
	22065	182.6	183.6	1.0						
	22066	183.6	184.6	1.0						
	22067	184.6	185.6	1.0						
	22068	185.6	186.0	0.4						
	22069	186.0	186.7	0.7						
	22070	186.7	187.4	0.7						
					5.8	0.8	0.6	-25.0	1.0	25.0
9097-02	22099-100	84.0	86.0	2.0						
	22101	86.0	86.6	0.6						
	22102	86.6	87.5	0.9						
				3.5	1.6	1.4	-12.5	1.8	12.5	
9097-02	22108	103.2	104.1	0.9						
	22109	104.1	104.6	0.5						
	22110	104.6	105.6	1.0						
				2.4	1.6	1.7	6.3	1.5	-6.3	
9097-02	22129	169.1	169.8	0.7						
	22130	169.8	170.6	0.8						
	22131	170.6	171.2	0.6						
	22132	171.2	172.0	0.8						
	22133	172.0	172.9	0.9						
	22134	172.9	173.7	0.8						
	22135	173.7	174.5	0.8						
	22136	174.5	175.3	0.8						
	22137	175.3	175.8	0.5						
				uncut	6.7	6.0	6.0	0.0	5.9	-1.7
			cut	6.7	4.0	3.9	-2.5	4.0	0.0	
9097-03	22178	26.7	27.5	0.8						
	22179	27.5	28.3	0.8						
	22180	28.3	29.0	0.7						
	22181	29.0	30.0	1.0						
				3.3	4.4	1.9	-56.8	6.6	50.0	

## Appendix F - Cost Estimate

<b>Cost Estimate - Consolidated Gold Hawk Resources Inc. - Barry Project, Quebec</b>						
<b>September, 1997</b>						
<b>Type of work</b>	<b>Amount</b>		<b>Rate</b>		<b>Total</b>	
additional sampling	100	samples @	\$20.00	per sample	\$2,000.00	
induced polarization survey	3	km @	\$1,000.00	per km	\$3,000.00	
diamond drilling	1200	m@	\$79.17	per m	\$95,000.00	
		subtotal			\$100,000.00	
		15% administration and contingency			\$15,000.00	
		<b>Total estimated cost</b>			<b>\$115,000.00</b>	

**GEOLOGICAL LEGEND**  
(ARCHEAN ABITIBI SUBPROVINCE)

**INTRUSIVE ROCKS**

<b>1X</b>	Felsic Intrusive
<b>2D</b>	Diorite
<b>2T</b>	Quartz Diorite
<b>3G</b>	Gabbro
<b>FP</b>	Feldspar Porphyry

**VOLCANIC ROCKS**

<b>V7</b>	Basalt (Mafic volcanic)
-----------	-------------------------

**TEXTURES**

≠	Brecciated
□	Porphyritic
⊕	Vein of ...
▽	Fragment of ...
↑	Injection of ...
//	Interlayered with ...
/	Bedding (to core axis)
↗	Foliation (to core axis)
↘	Shearing (to core axis)
—/—	Contact (to core axis)
s, m, w	Strong, moderate or weak

**MINERALS**

"+" indicates alteration

( ) indicates local alteration

<b>Au</b>	Native gold	<b>cb</b>	carbonate	<b>fp</b>	feldspar	<b>py</b>	pyrite
<b>ab</b>	albite	<b>cl</b>	chlorite	<b>ga</b>	galena	<b>qz</b>	quartz
<b>ak</b>	ankerite	<b>cp</b>	chalcopyrit	<b>gp</b>	graphite	<b>se</b>	sericite
<b>am</b>	amphibole	<b>dm</b>	dolomite	<b>hm</b>	hematite	<b>si</b>	silica
<b>as</b>	arsenopyrit	<b>ep</b>	epidote	<b>mg</b>	magnetite	<b>sp</b>	sphalerite
<b>bio</b>	biotite	<b>fc</b>	fuchsite	<b>mc</b>	malachite	<b>tc</b>	talc
<b>cc</b>	calcite	<b>fk</b>	K feldspar	<b>po</b>	pyrrhotite	<b>tl</b>	tourmaline

**DRILL SECTION LEGEND**

